

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010575.D
 Acq On : 29 Jun 2019 07:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 10:40:37 AM

Quant Time: Jul 01 04:04:42 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	5.67	168	223545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	310467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106117	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
35) Dibromofluoromethane	5.50	113	103809	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	8.71	98	383632	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.13	95	142934	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	69010	44.404	ug/l	100
3) Chloromethane	1.32	50	80614	44.545	ug/l	98
4) Vinyl Chloride	1.41	62	87755	44.272	ug/l	99
5) Bromomethane	1.64	94	46073	47.710	ug/l	98
6) Chloroethane	1.71	64	57735	49.369	ug/l	98
7) Trichlorofluoromethane	1.92	101	154471	49.160	ug/l	99
8) Diethyl Ether	2.19	74	56691	50.309	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89006	46.742	ug/l	98
10) Methyl Iodide	2.51	142	133251	49.033	ug/l	98
11) Tert butyl alcohol	3.05	59	143147	261.006	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90964	46.946	ug/l	98
13) Acrolein	2.29	56	97937	269.188	ug/l	97
14) Allyl chloride	2.73	41	126894	46.128	ug/l	99
15) Acrylonitrile	3.14	53	287200	264.492	ug/l	100
16) Acetone	2.45	43	236317	224.972	ug/l	97
17) Carbon Disulfide	2.57	76	201441	38.750	ug/l	100
18) Methyl Acetate	2.78	43	114382	54.635	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	308624	50.630	ug/l	100
20) Methylene Chloride	2.85	84	106645	49.333	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97728	46.896	ug/l	99
22) Diisopropyl ether	3.85	45	292917	50.929	ug/l	98
23) Vinyl Acetate	3.81	43	1235989	248.757	ug/l	99
24) 1,1-Dichloroethane	3.70	63	165622	49.818	ug/l	98
25) 2-Butanone	4.67	43	392323	254.615	ug/l	99
26) 2,2-Dichloropropane	4.58	77	75164	26.026	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	116059	48.194	ug/l	96
28) Bromochloromethane	5.02	49	77675	48.867	ug/l	98
29) Tetrahydrofuran	5.13	42	250116	262.063	ug/l	99
30) Chloroform	5.21	83	179140	50.080	ug/l	95
31) Cyclohexane	5.57	56	140163	46.297	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	155088	49.102	ug/l	99
36) 1,1-Dichloropropene	5.80	75	124275	45.771	ug/l	100
37) Ethyl Acetate	4.83	43	145623	52.134	ug/l	99
38) Carbon Tetrachloride	5.79	117	134856	45.867	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152534	42.739	ug/l	98
40) Benzene	6.14	78	401841	47.504	ug/l	97
41) Methacrylonitrile	5.04	41	78120	50.972	ug/l	98
42) 1,2-Dichloroethane	6.19	62	132063	51.288	ug/l	99
43) Isopropyl Acetate	6.45	43	233459	50.517	ug/l	99
44) Trichloroethene	7.21	130	119307	47.135	ug/l	100
45) 1,2-Dichloropropane	7.51	63	104744	49.034	ug/l	99
46) Dibromomethane	7.66	93	74999	48.935	ug/l	98
47) Bromodichloromethane	7.90	83	134751	47.976	ug/l	100
48) Methyl methacrylate	7.77	41	111299	51.813	ug/l	99
49) 1,4-Dioxane	7.74	88	67028	1083.181	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	786954	266.253	ug/l	98
52) Toluene	8.79	92	264724	47.522	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135339	42.979	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151937	44.399	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	115791	50.400	ug/l	97
56) Ethyl methacrylate	9.18	69	174775	50.219	ug/l	97
57) 1,3-Dichloropropane	9.37	76	177906	49.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	394614	238.743	ug/l	100
59) 2-Hexanone	9.49	43	609112	261.848	ug/l	99
60) Dibromochloromethane	9.58	129	121899	47.388	ug/l	100
61) 1,2-Dibromoethane	9.67	107	121664	49.062	ug/l	99
64) Tetrachloroethene	9.34	164	127021	50.583	ug/l	99
65) Chlorobenzene	10.14	112	304472	48.305	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	112379	48.948	ug/l	99
67) Ethyl Benzene	10.25	91	517720	48.653	ug/l	99
68) m/p-Xylenes	10.36	106	400965	97.248	ug/l	100
69) o-Xylene	10.69	106	198266	48.898	ug/l	100
70) Styrene	10.71	104	340624	50.093	ug/l	99
71) Bromoform	10.85	173	93234	46.697	ug/l	100
73) Isopropylbenzene	11.02	105	525128	47.241	ug/l	98
74) N-amyl acetate	10.90	43	219139	52.164	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	180478	49.026	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	146296m	48.958	ug/l	
77) Bromobenzene	11.26	156	144569	46.577	ug/l	99
78) n-propylbenzene	11.36	91	581753	47.619	ug/l	100
79) 2-Chlorotoluene	11.42	91	346663	47.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	437379	47.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46118	36.005	ug/l	92
82) 4-Chlorotoluene	11.51	91	397796	48.055	ug/l	99
83) tert-Butylbenzene	11.77	119	429534	46.701	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	443136	48.132	ug/l	100
85) sec-Butylbenzene	11.94	105	512135	47.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	474394	47.492	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	253327	46.757	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	251011	45.507	ug/l	99
89) n-Butylbenzene	12.38	91	397189	46.794	ug/l	100
90) Hexachloroethane	12.60	117	77707	44.990	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	255061	47.367	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37960	47.826	ug/l	94

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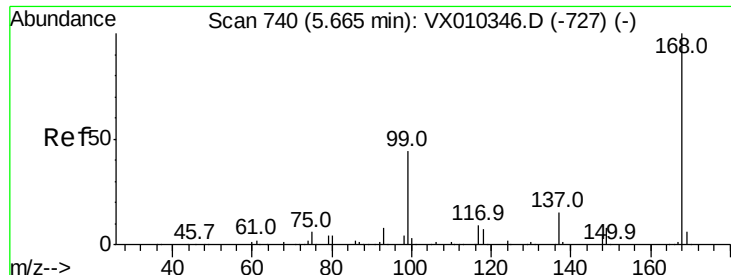
Manual Integrations
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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	174439	46.713	ug/l	99
94) Hexachlorobutadiene	13.78	225	82274	45.080	ug/l	100
95) Naphthalene	13.83	128	564574	49.198	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178029	47.950	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 223545

Ion Ratio Lower Upper

168 100

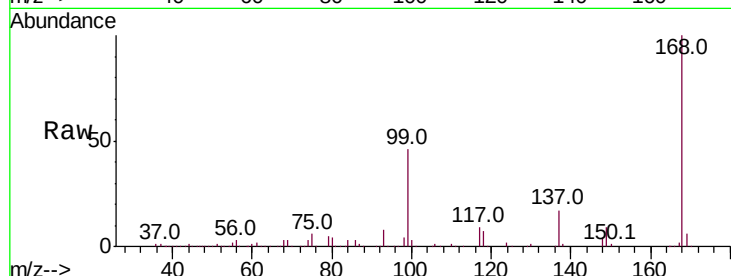
99 45.9 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

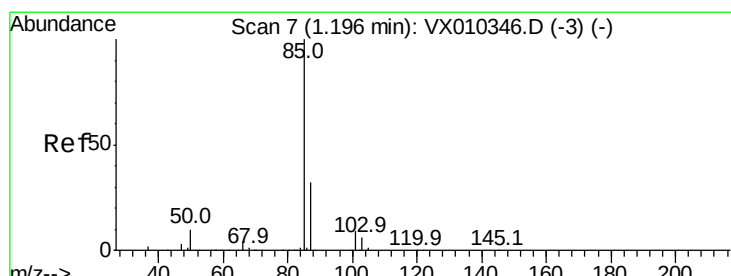
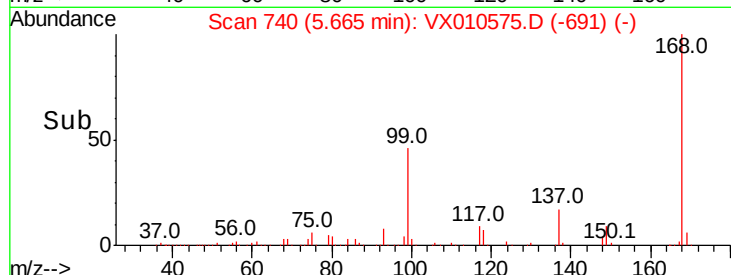
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.404 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010575.D

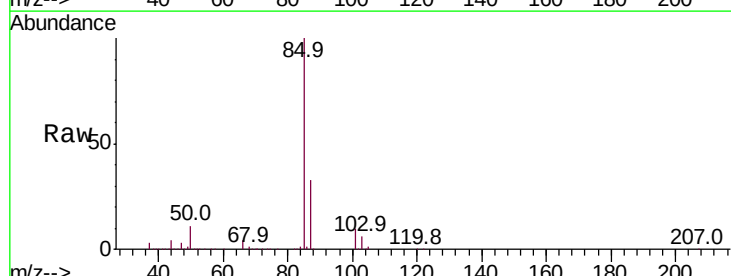
Acq: 29 Jun 2019 07:45

Tgt Ion: 85 Resp: 69010

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

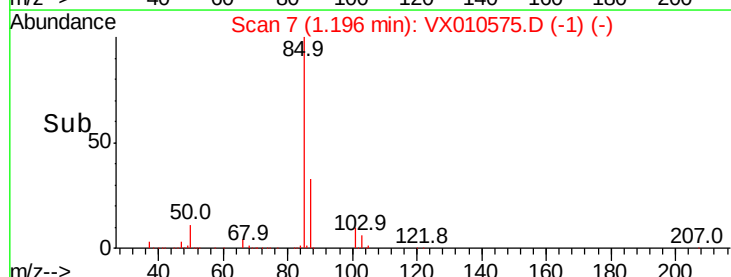
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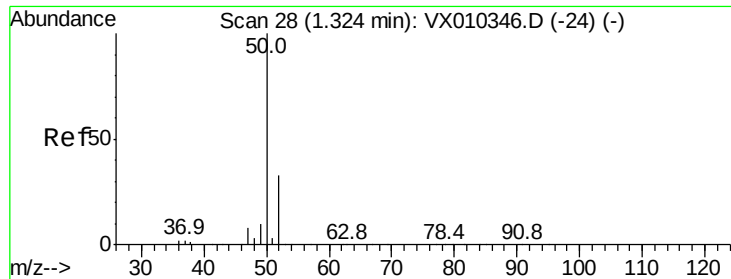
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.545 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 80614

Ion Ratio Lower Upper

50 100

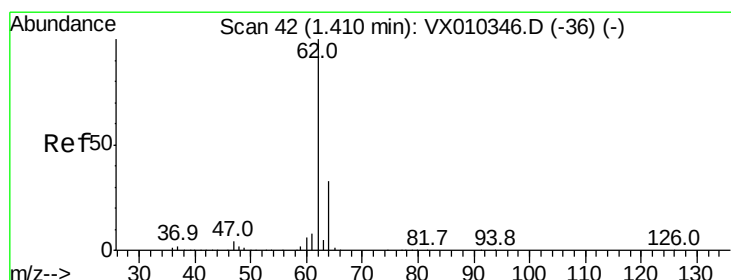
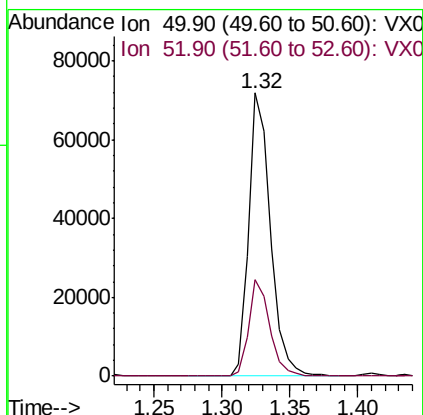
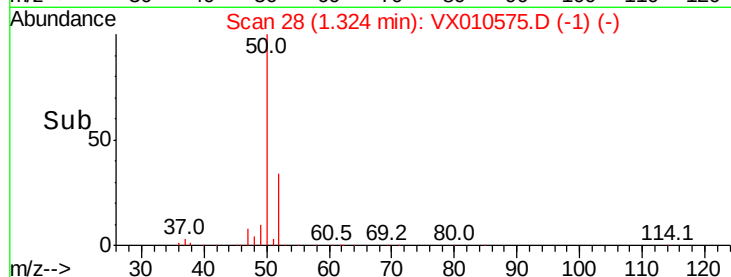
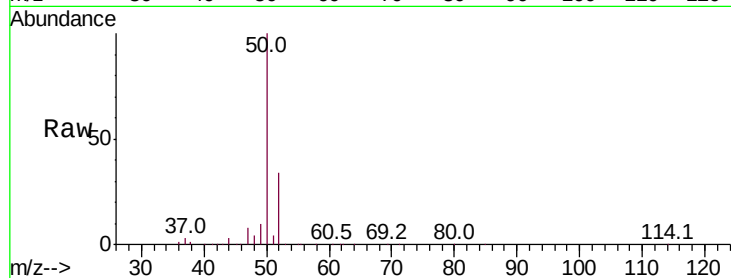
52 34.0 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.272 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010575.D

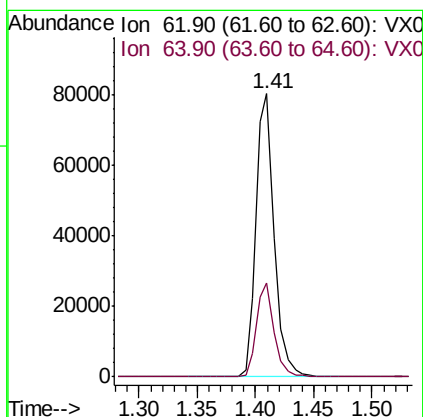
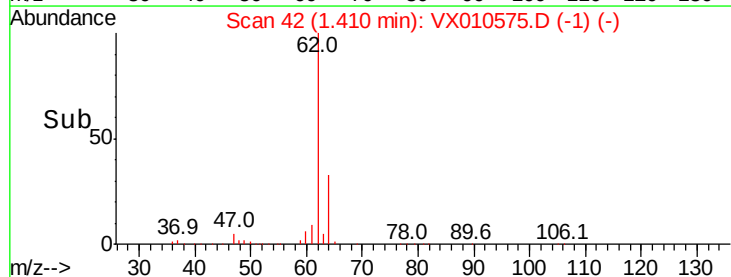
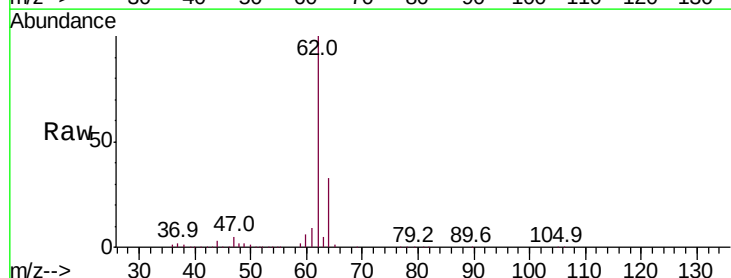
Acq: 29 Jun 2019 07:45

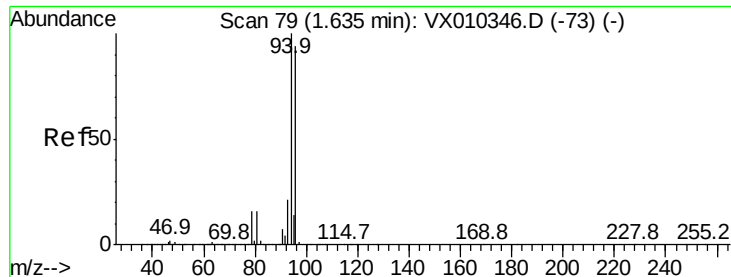
Tgt Ion: 62 Resp: 87755

Ion Ratio Lower Upper

62 100

64 33.1 26.2 39.4





#5

Bromomethane

Concen: 47.710 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 46073

Ion Ratio Lower Upper

94 100

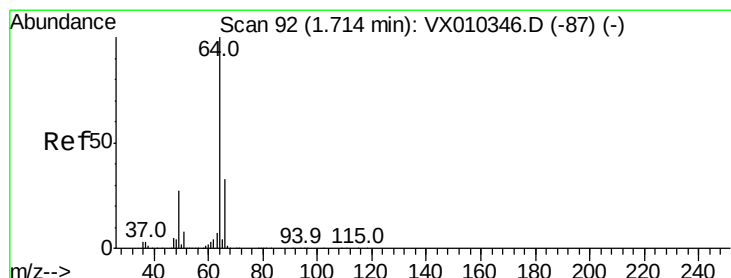
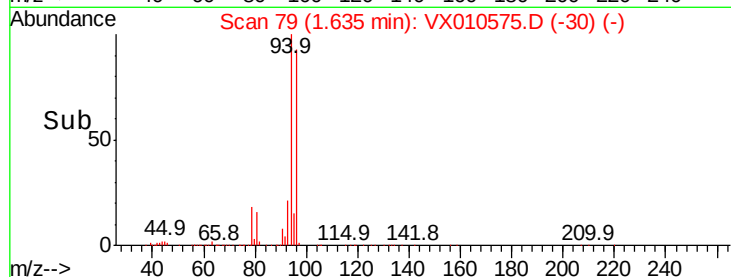
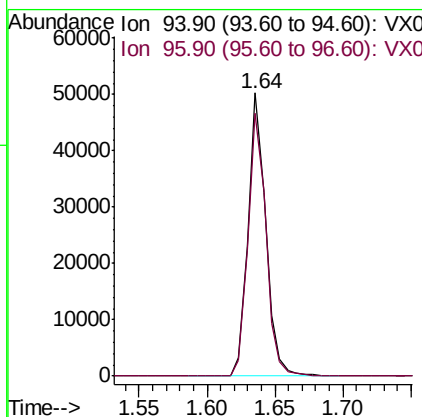
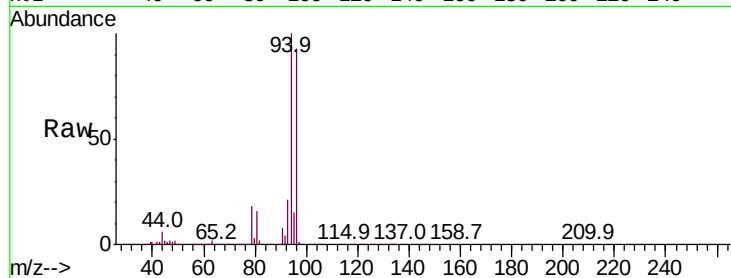
96 92.7 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 49.369 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010575.D

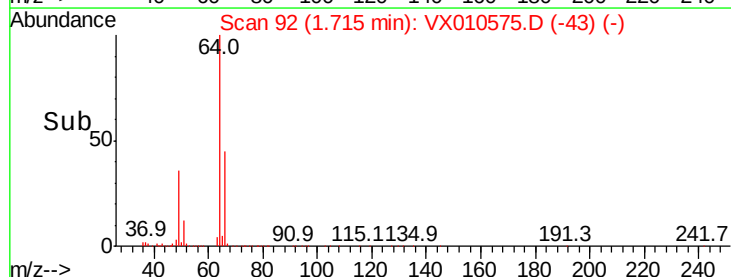
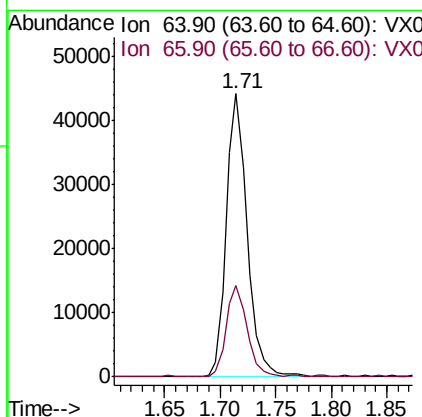
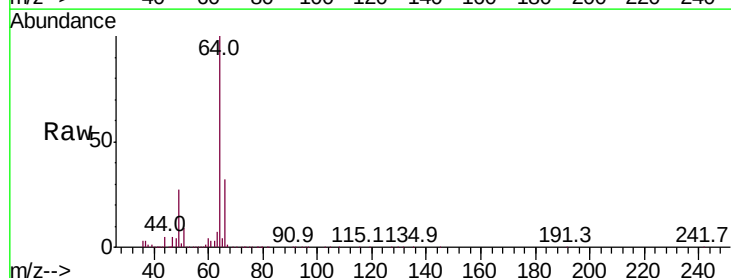
Acq: 29 Jun 2019 07:45

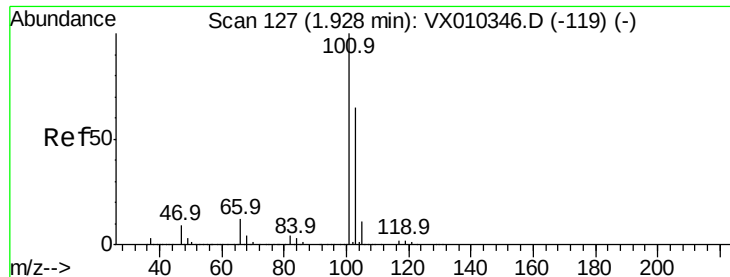
Tgt Ion: 64 Resp: 57735

Ion Ratio Lower Upper

64 100

66 32.2 26.6 40.0





#7

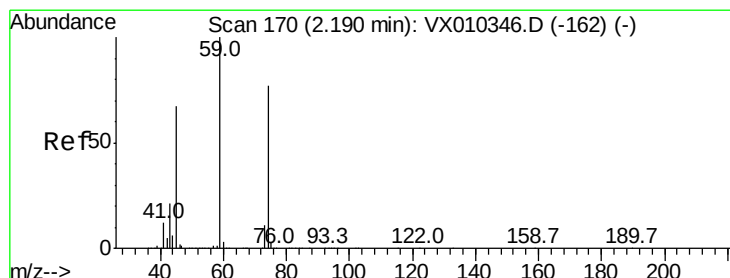
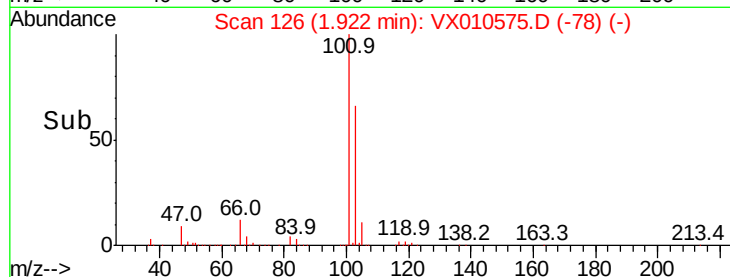
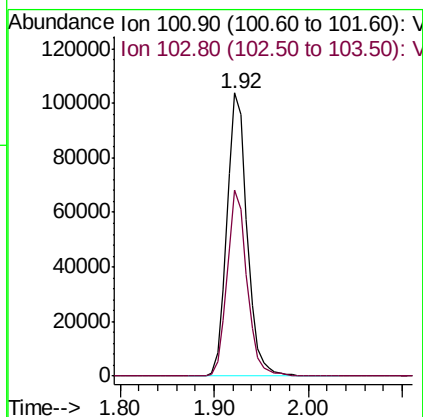
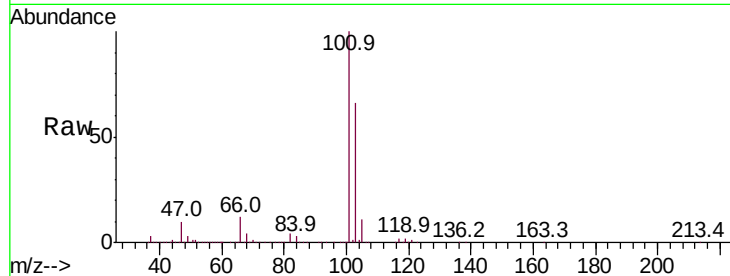
Trichlorofluoromethane
Concen: 49.160 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.3	78.5

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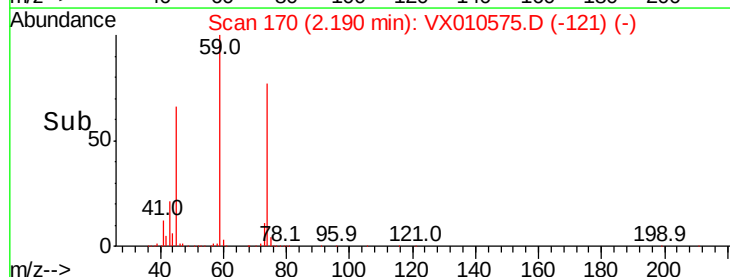
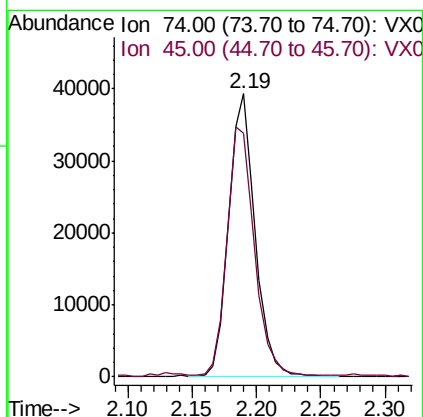
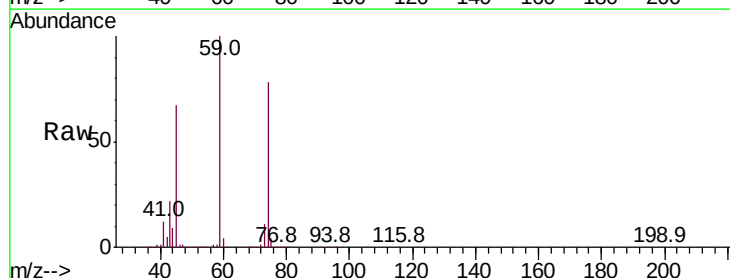
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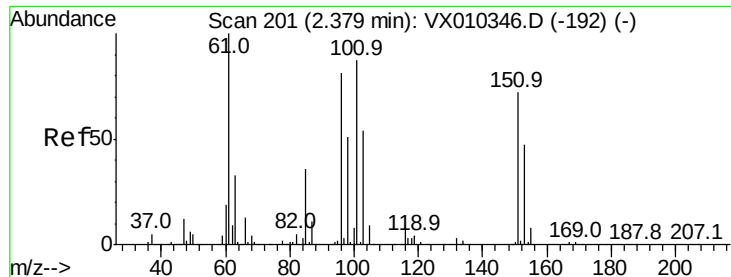


#8

Diethyl Ether
Concen: 50.309 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.0	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.742 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

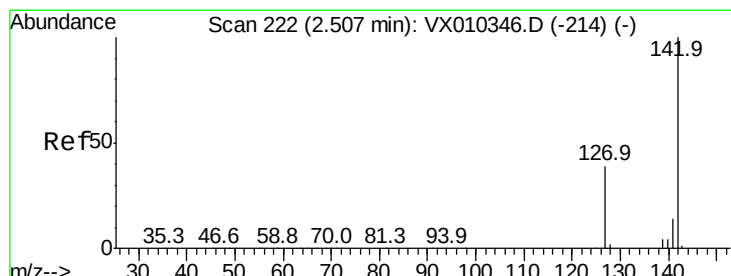
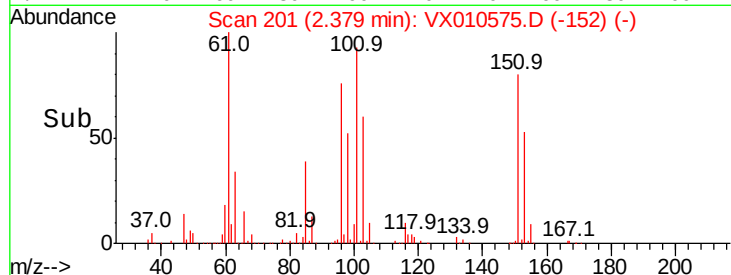
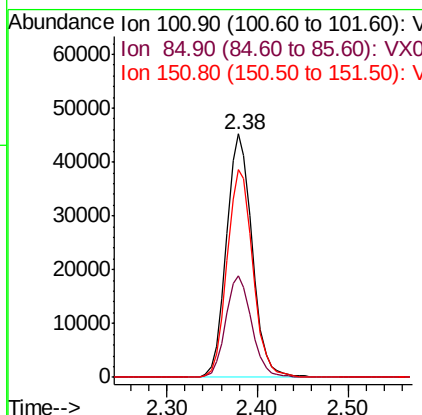
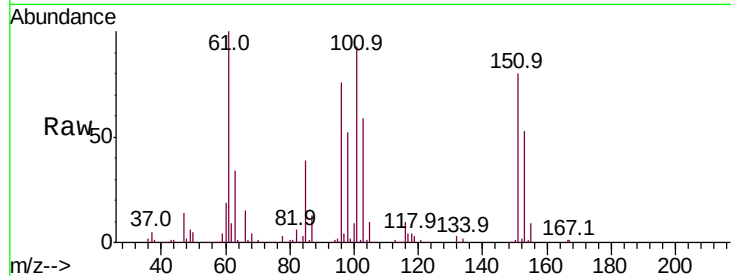
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	89006
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.7	50.5
151	85.4	70.1	105.1

Manual Integrations
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7/1/2019 10:40:37 AM



#10

Methyl Iodide

Concen: 49.033 ug/l

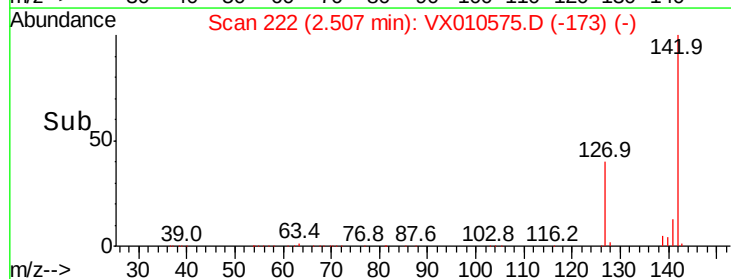
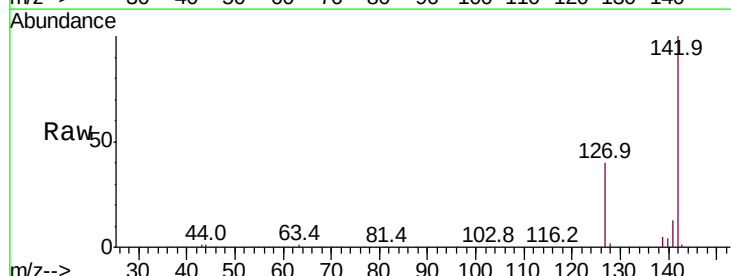
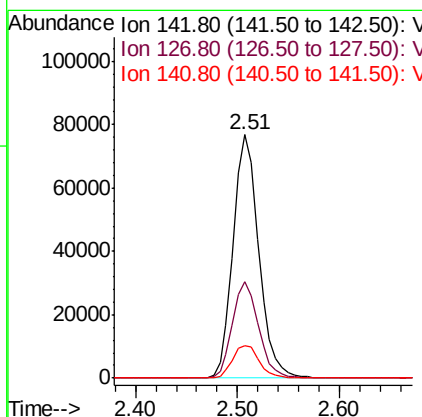
RT: 2.51 min Scan# 222

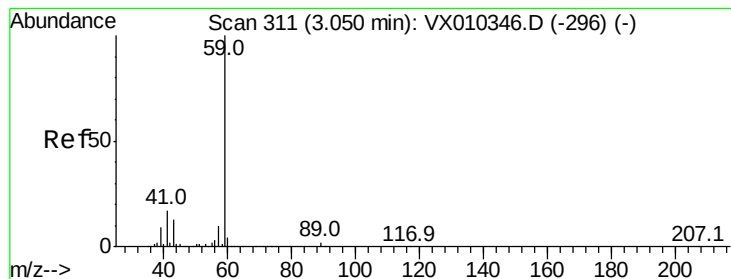
Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Tgt Ion:	142	Resp:	133251
Ion Ratio	Lower	Upper	
142	100		
127	40.5	31.1	46.7
141	14.1	11.2	16.8





#11

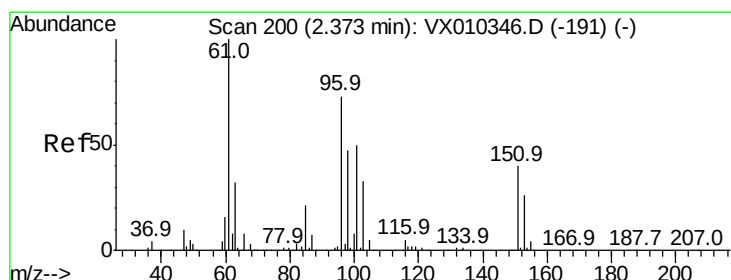
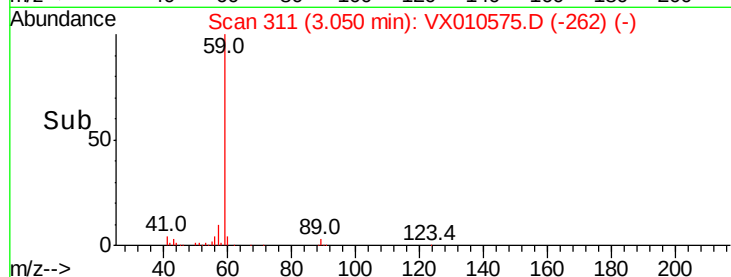
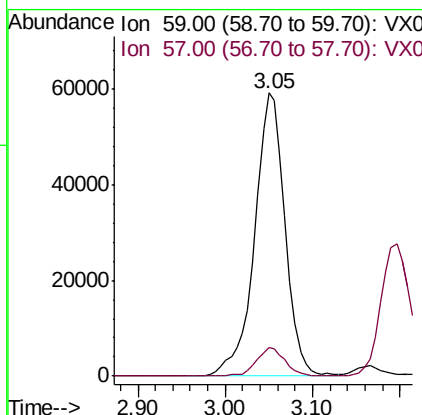
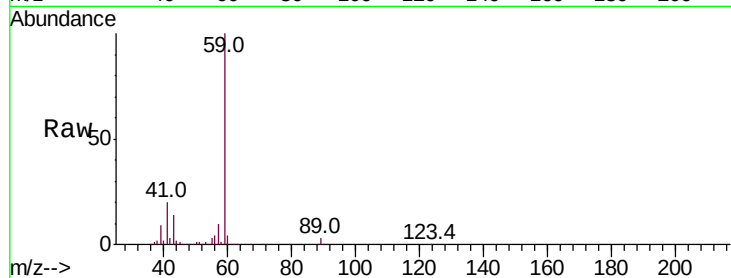
Tert butyl alcohol
Concen: 261.006 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	143147
Ion Ratio	100	Lower	Upper
57	9.5	7.7	11.5

Manual Integrations
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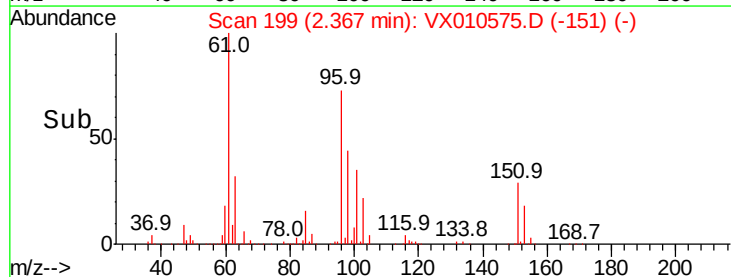
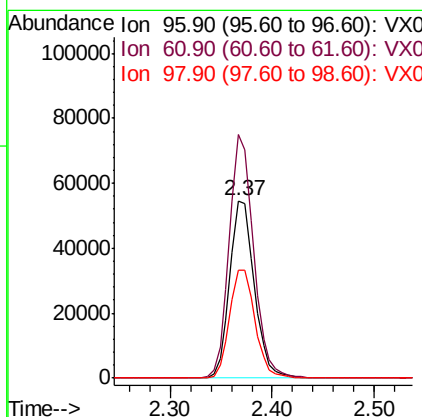
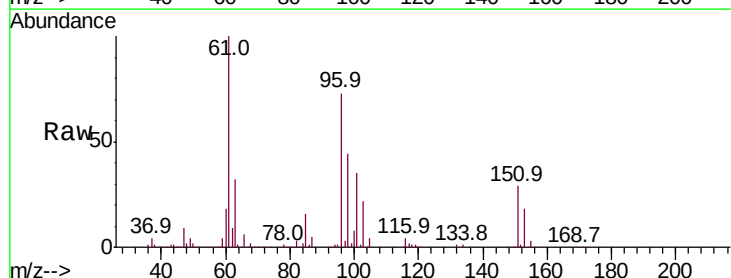
MMDadoda
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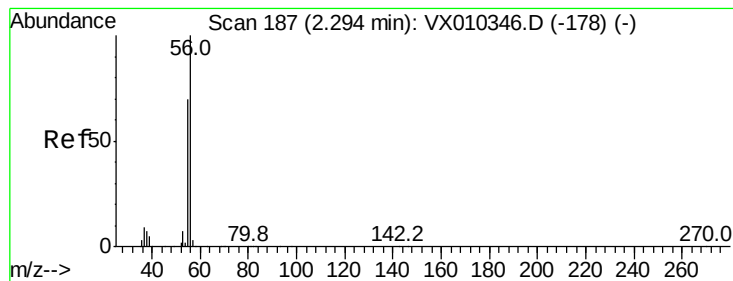


#12

1,1-Dichloroethene
Concen: 46.946 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	96	Resp	90964
Ion Ratio	100	Lower	Upper
61	137.2	109.2	163.8
98	60.5	51.1	76.7





#13

Acrolein

Concen: 269.188 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 97937

Ion Ratio Lower Upper

56 100

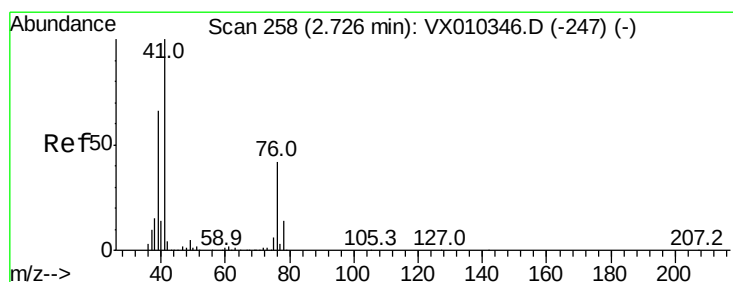
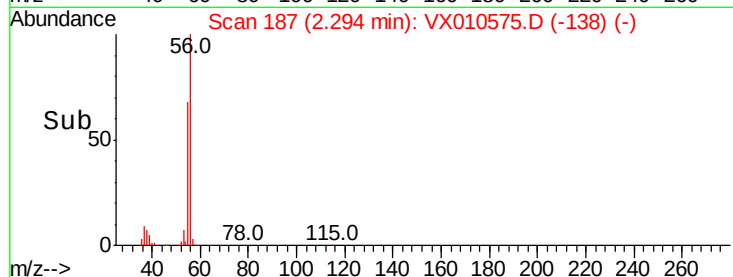
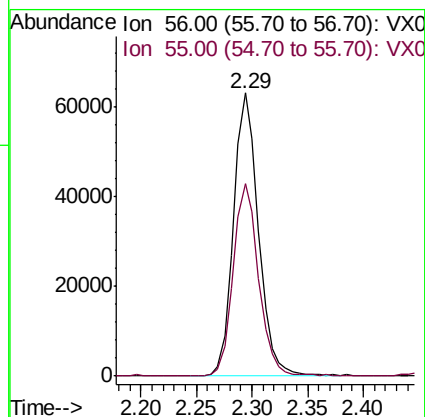
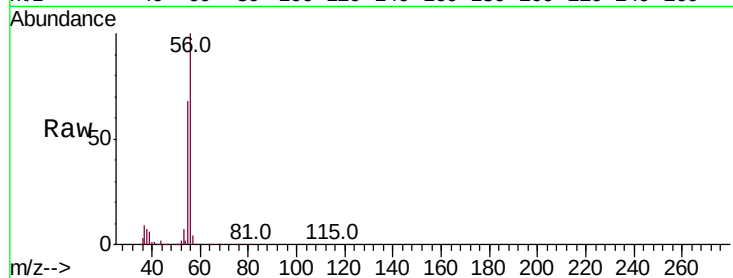
55 68.7 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 46.128 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

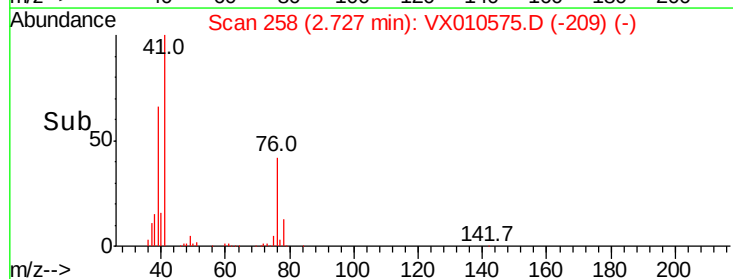
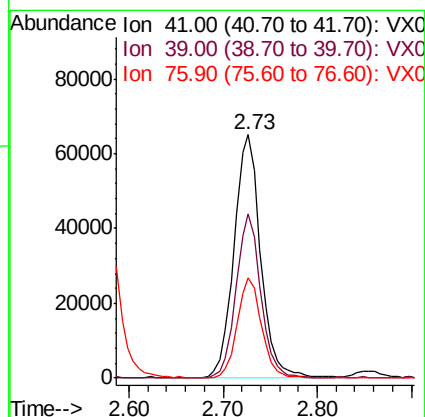
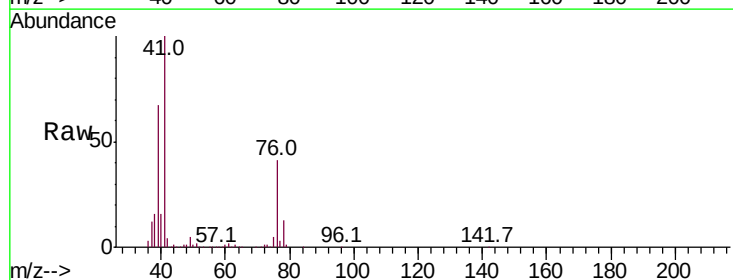
Tgt Ion: 41 Resp: 126894

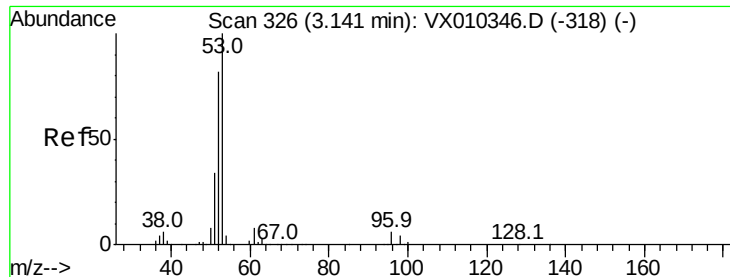
Ion Ratio Lower Upper

41 100

39 62.4 50.3 75.5

76 37.5 31.3 46.9





#15

Acrylonitrile

Concen: 264.492 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

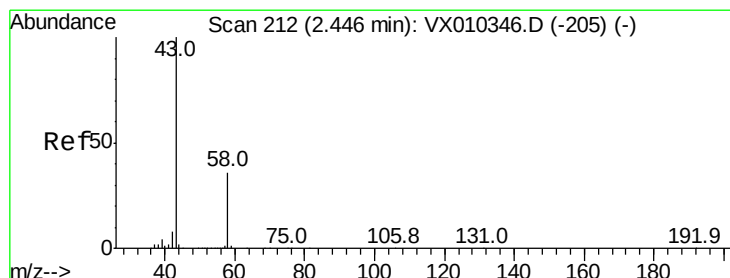
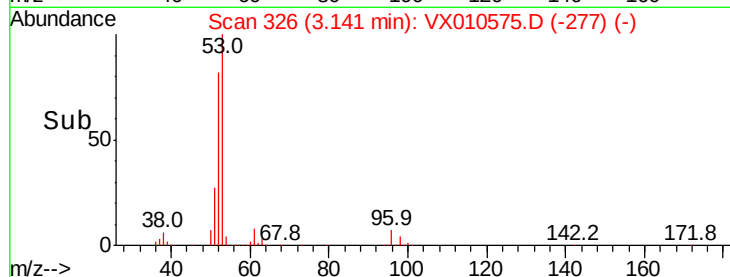
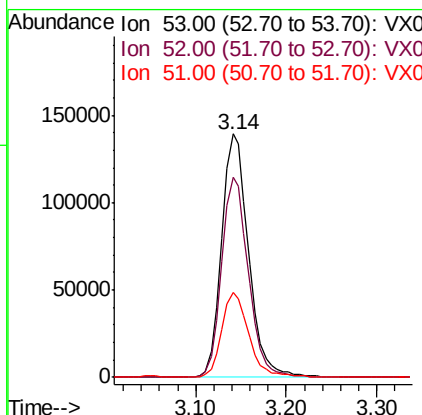
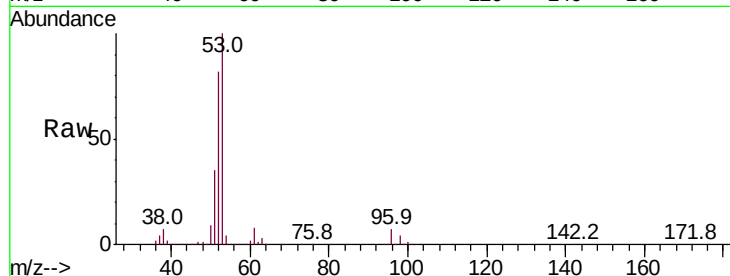
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	287200
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.5	98.3
51	35.0	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 224.972 ug/l

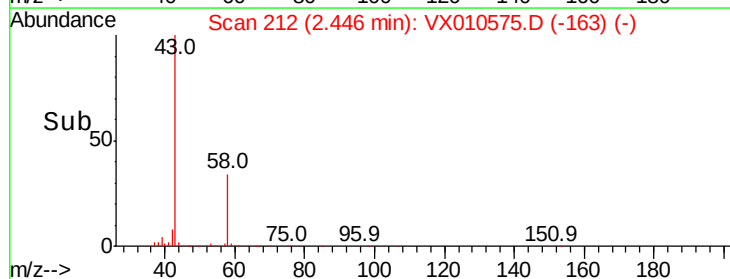
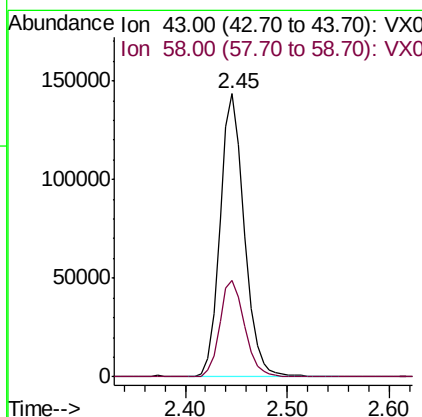
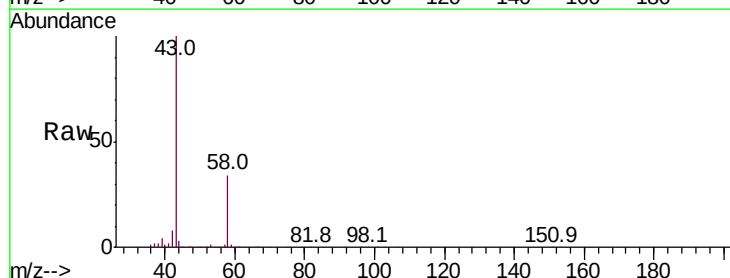
RT: 2.45 min Scan# 212

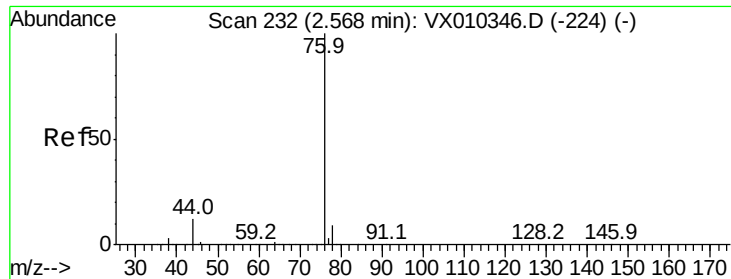
Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Tgt Ion:	43	Resp:	236317
Ion	Ratio	Lower	Upper
43	100		
58	34.2	28.9	43.3





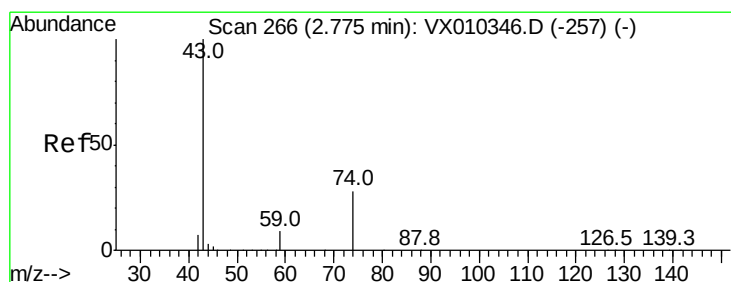
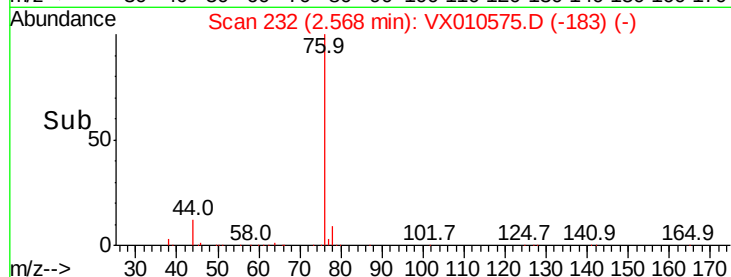
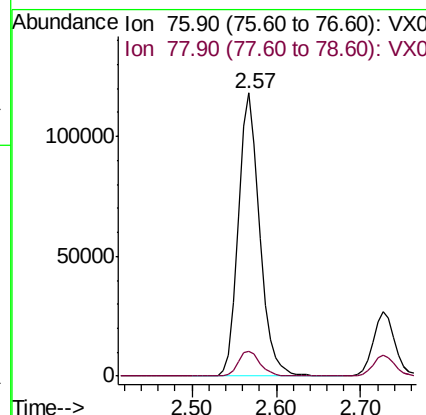
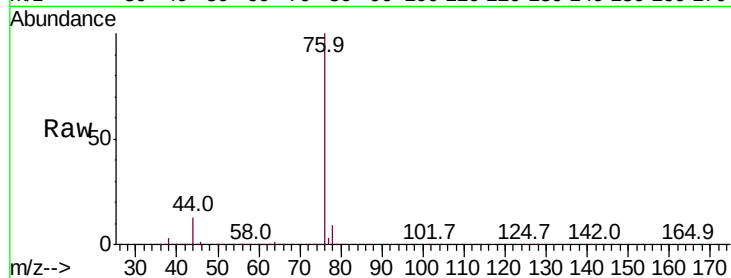
#17
Carbon Disulfide
Concen: 38.750 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

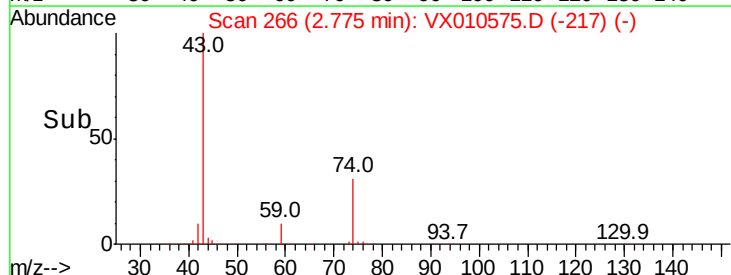
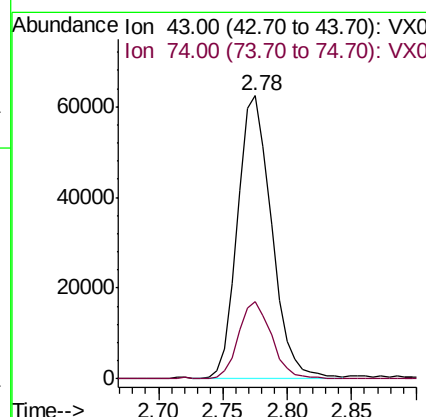
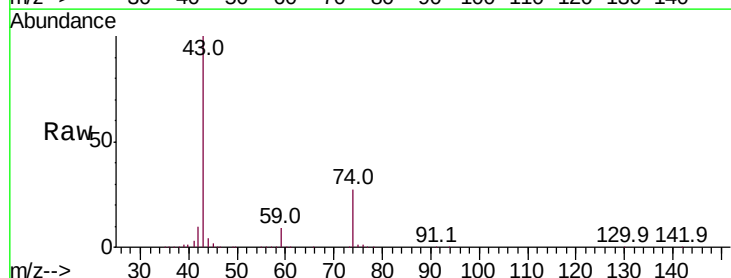
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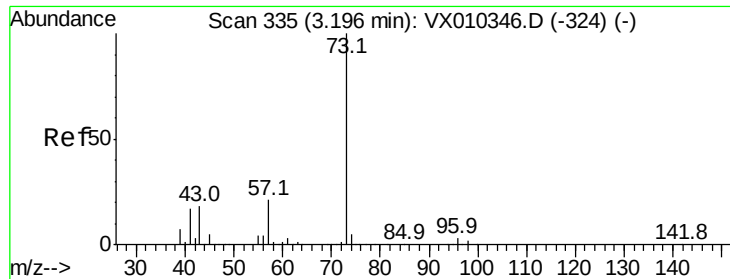
MMDadoda
7/1/2019 10:40:37 AM



#18
Methyl Acetate
Concen: 54.635 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.3	31.9





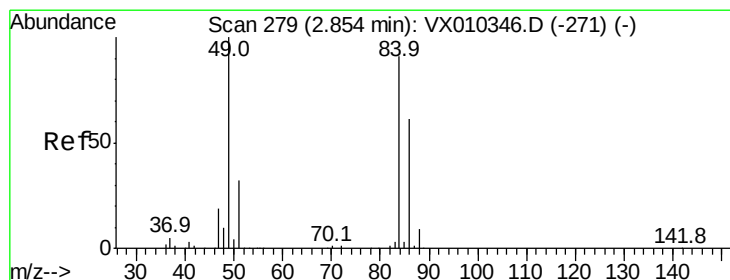
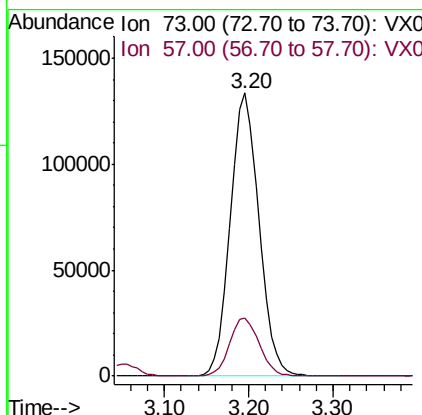
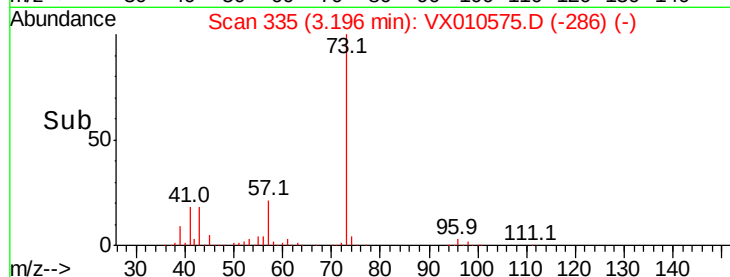
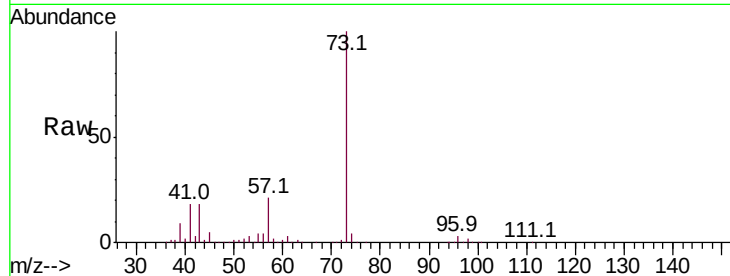
#19
Methyl tert-butyl Ether
Concen: 50.630 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 308624
Ion Ratio Lower Upper
73 100
57 20.6 16.4 24.6

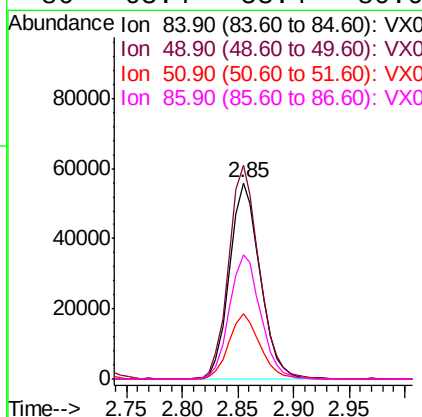
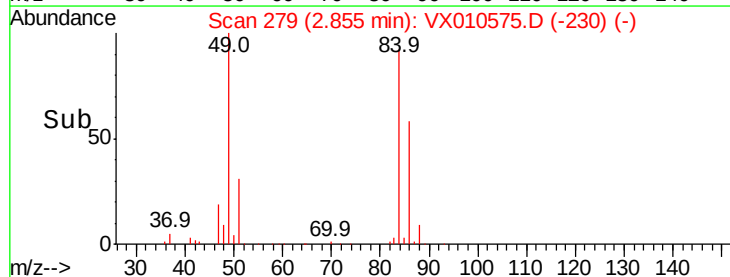
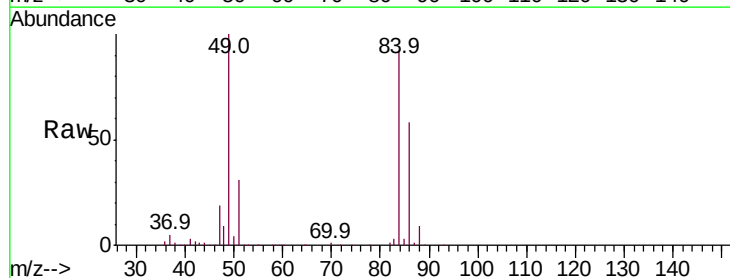
Manual Integrations
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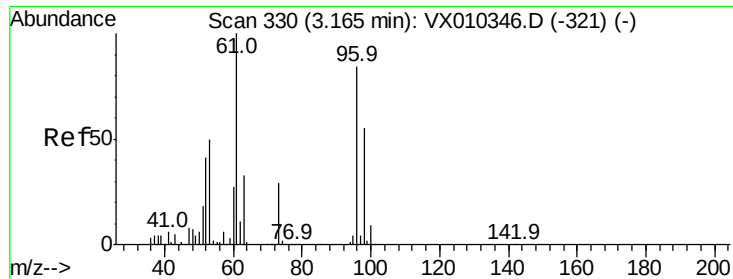
MMDadoda
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#20
Methylene Chloride
Concen: 49.333 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion: 84 Resp: 106645
Ion Ratio Lower Upper
84 100
49 108.7 87.5 131.3
51 33.3 27.7 41.5
86 63.4 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 46.896 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

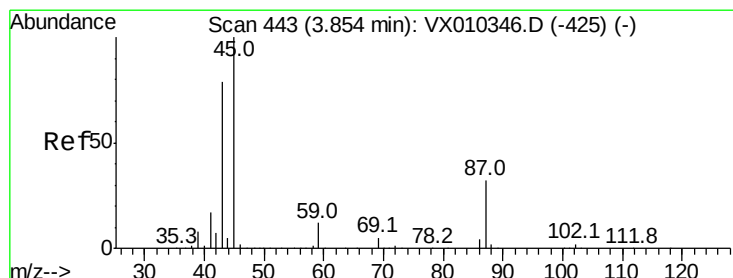
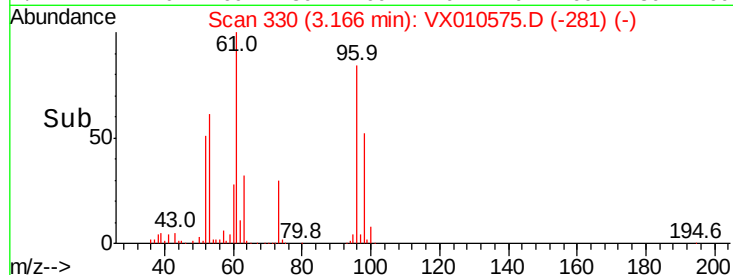
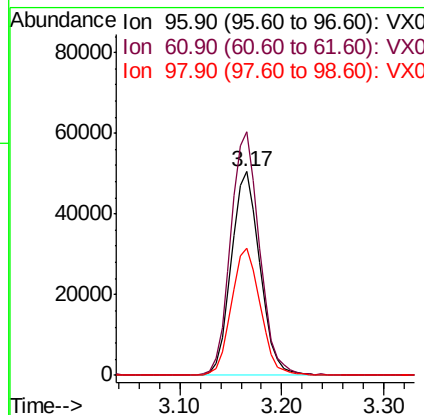
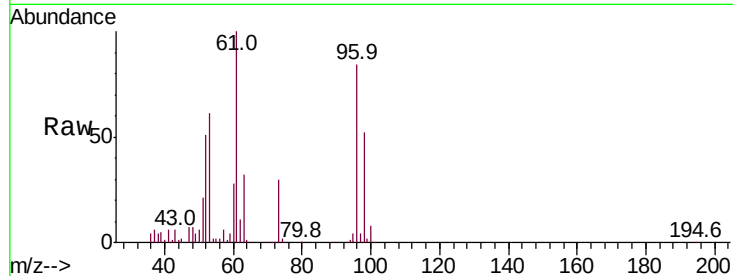
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	97728
Ion	Ratio	Lower	Upper
96	100		
61	119.6	95.6	143.4
98	62.6	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.929 ug/l

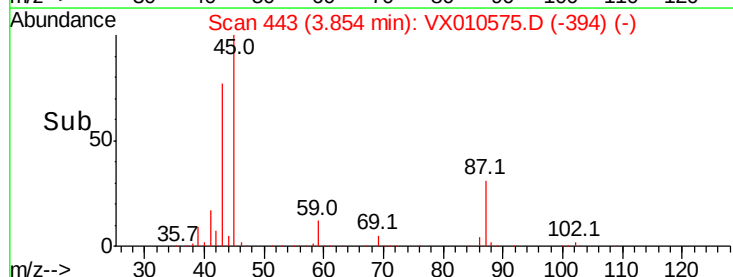
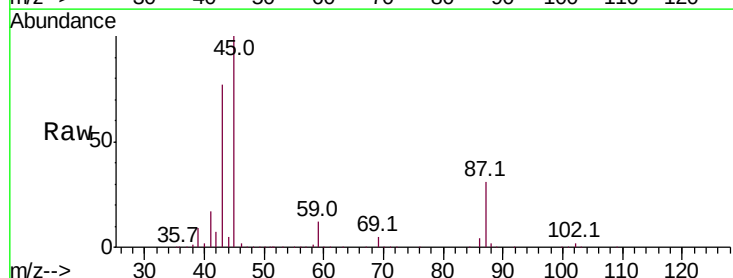
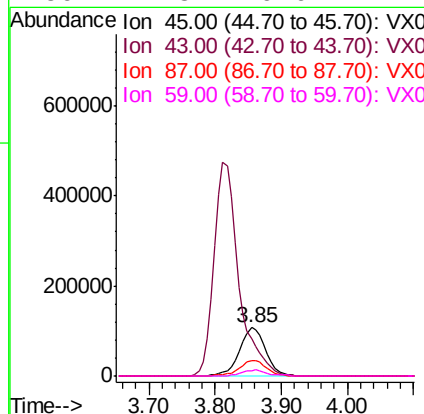
RT: 3.85 min Scan# 443

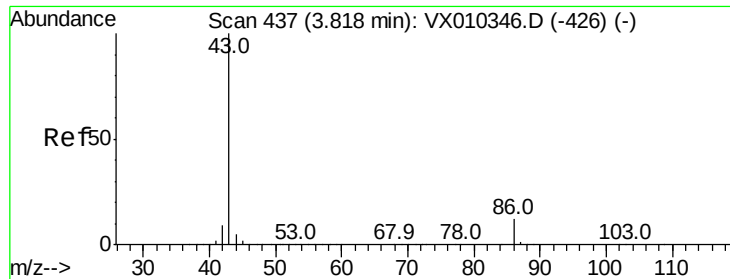
Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Tgt Ion:	45	Resp:	292917
Ion	Ratio	Lower	Upper
45	100		
43	76.6	63.3	94.9
87	31.2	25.8	38.8
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 248.757 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1235989

Ion Ratio Lower Upper

43 100

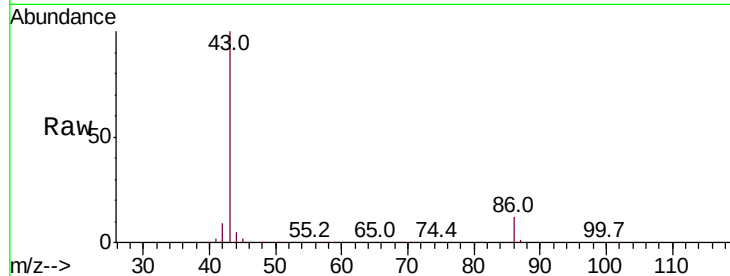
86 12.1 9.9 14.9

Manual Integrations

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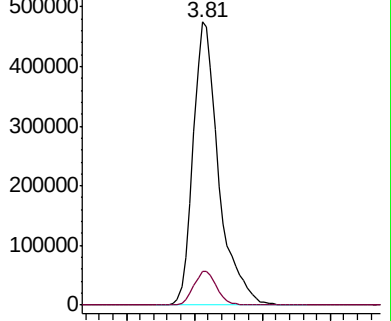
MMDadoda

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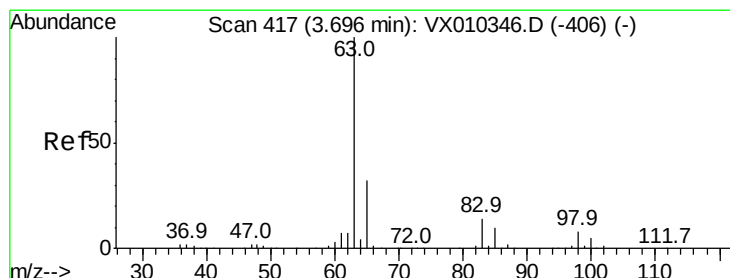
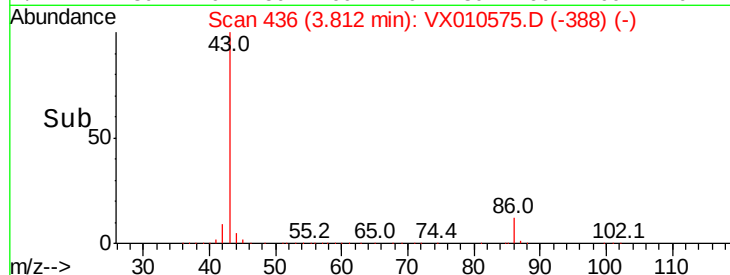


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 49.818 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

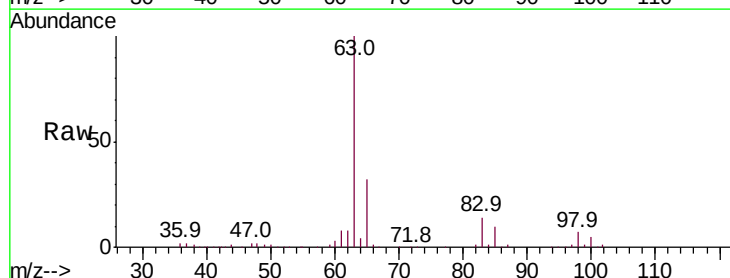
Tgt Ion: 63 Resp: 165622

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

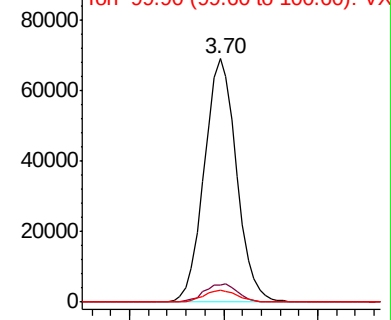
100 5.0 2.4 7.1



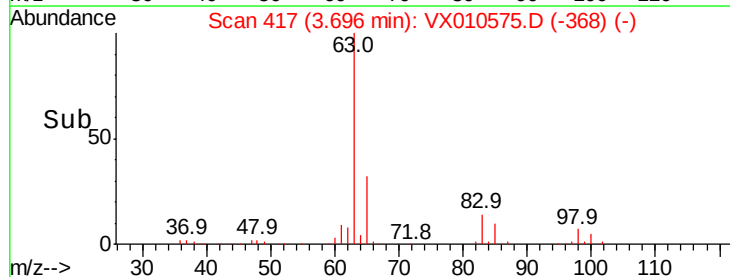
Abundance Ion 62.90 (62.60 to 63.60): VX0

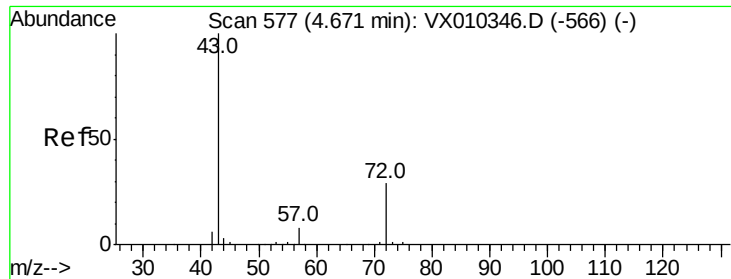
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 254.615 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 392323

Ion Ratio Lower Upper

43 100

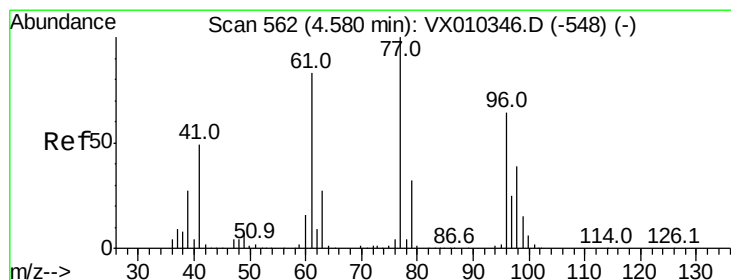
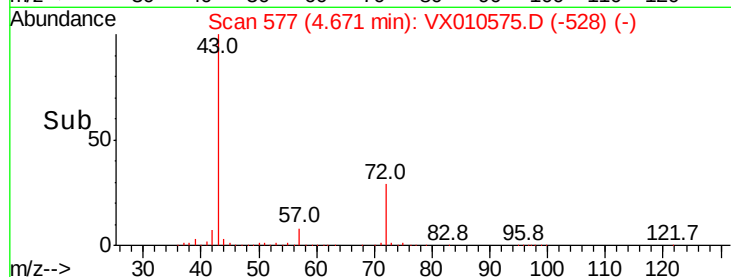
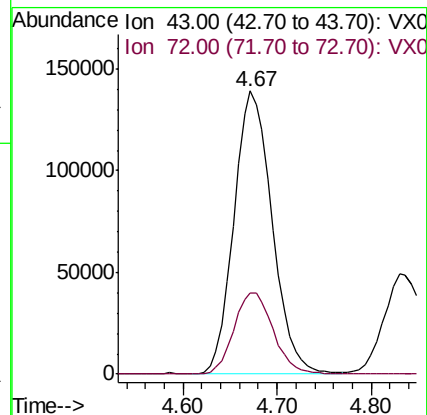
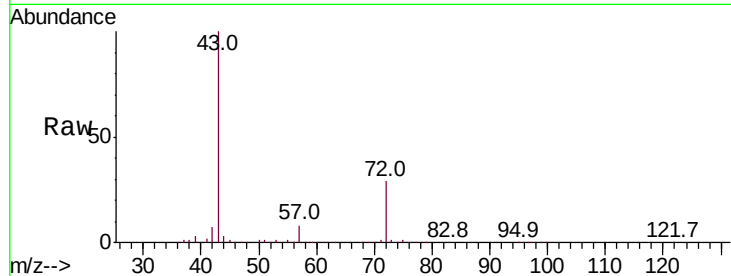
72 28.7 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 26.026 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010575.D

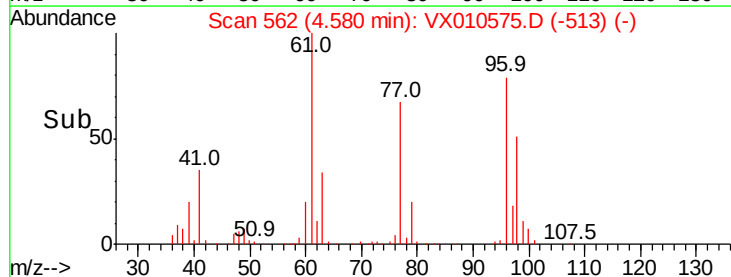
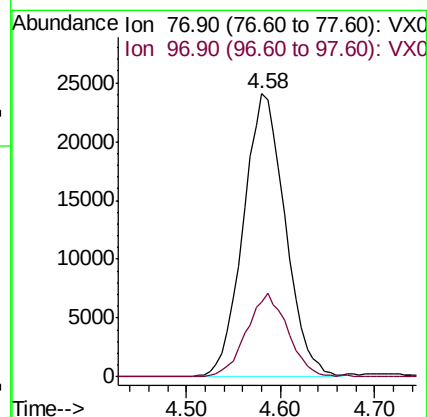
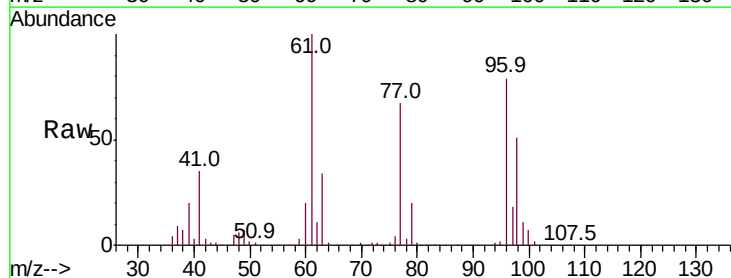
Acq: 29 Jun 2019 07:45

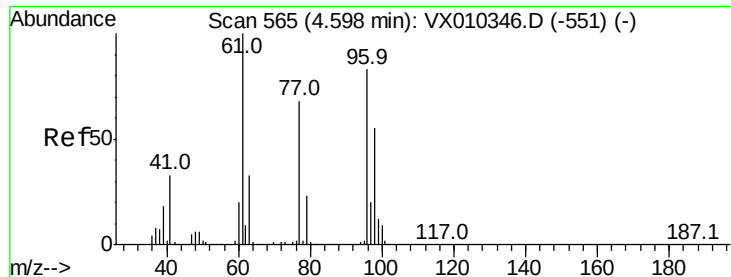
Tgt Ion: 77 Resp: 75164

Ion Ratio Lower Upper

77 100

97 28.9 13.1 39.3





#27

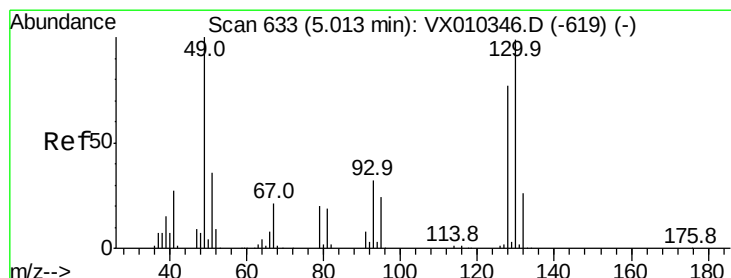
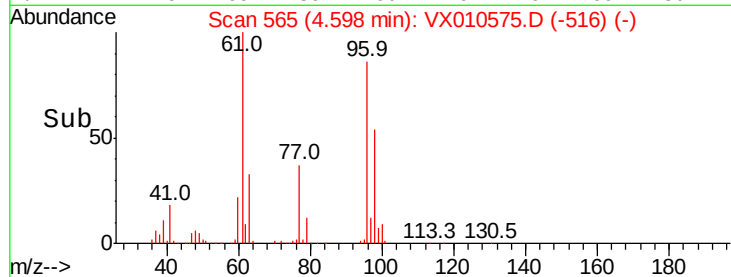
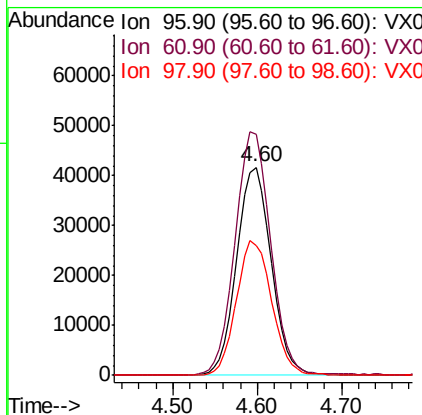
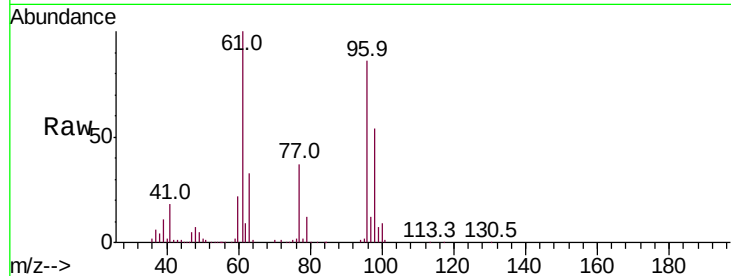
cis-1,2-Dichloroethene
 Concen: 48.194 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.6	0.0	251.8
98	66.2	0.0	129.4

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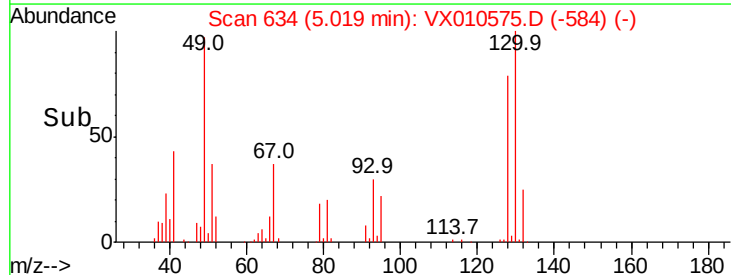
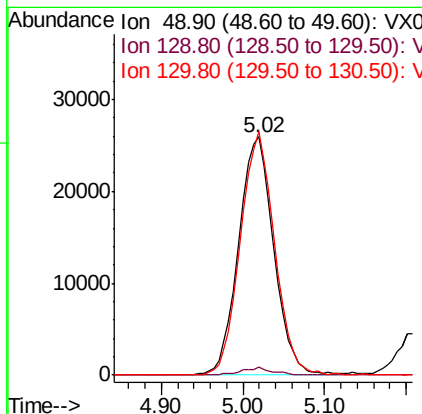
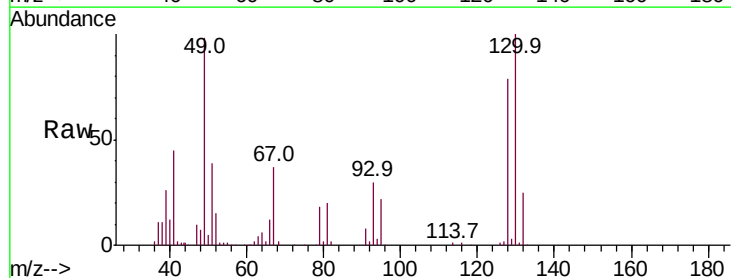
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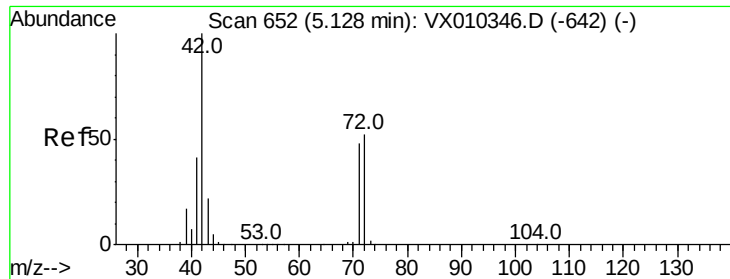


#28

Bromochloromethane
 Concen: 48.867 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	99.2	81.4	122.0





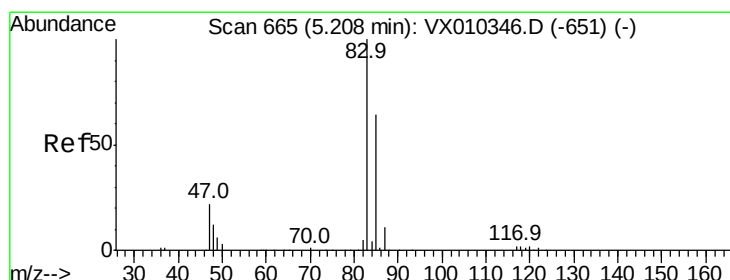
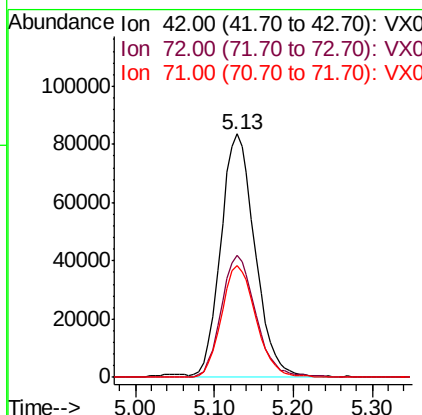
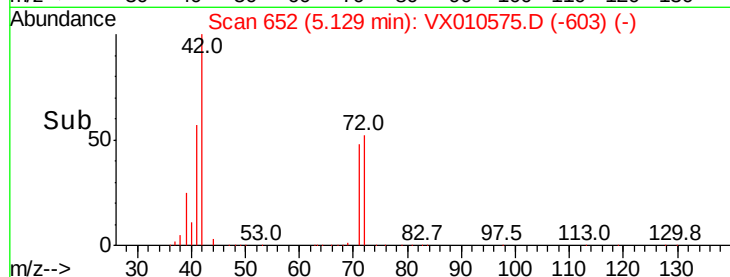
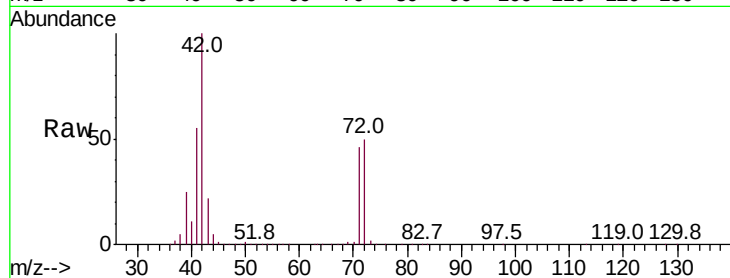
#29
Tetrahydrofuran
Concen: 262.063 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.1	40.6	60.8
71	46.6	37.8	56.8

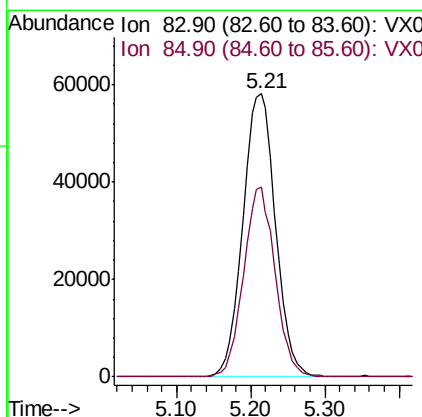
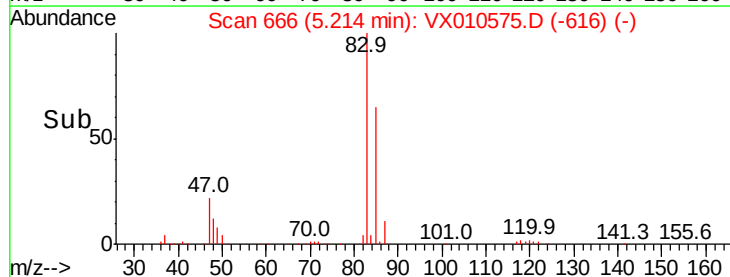
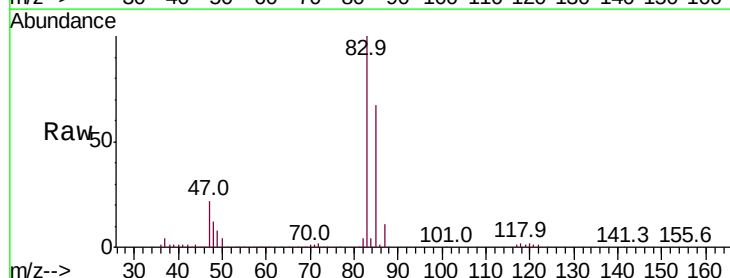
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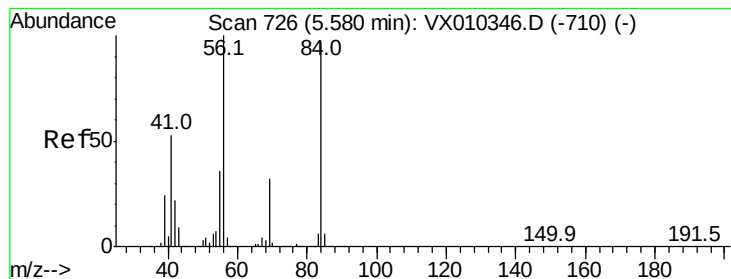
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#30
Chloroform
Concen: 50.080 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.9	76.3





#31

Cyclohexane

Concen: 46.297 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

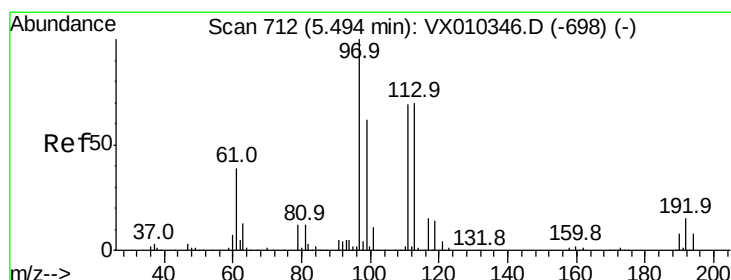
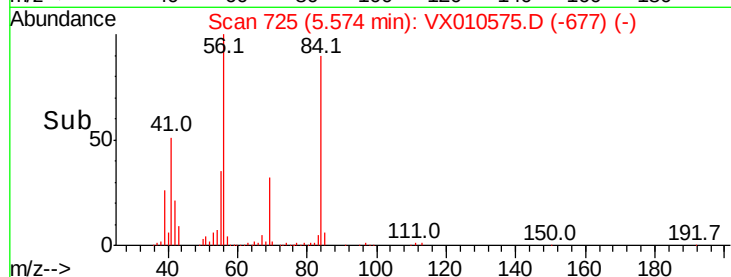
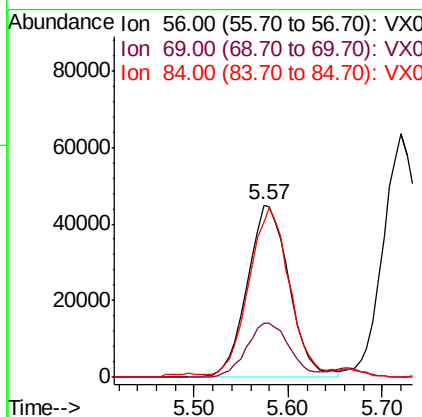
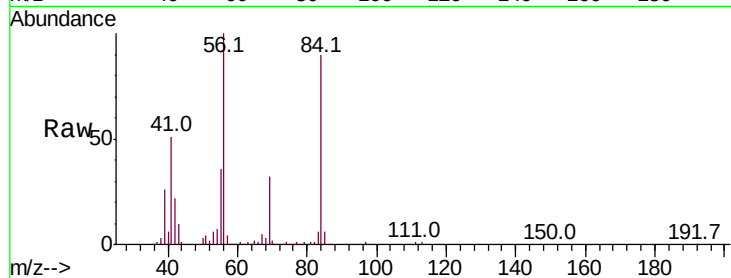
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	140163
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.9	38.9
84	87.6	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 49.102 ug/l

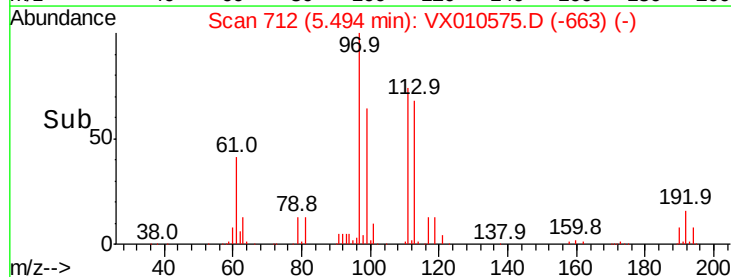
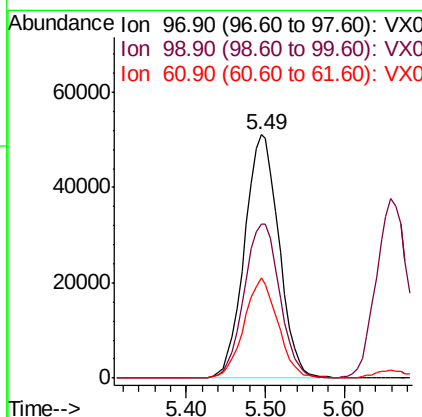
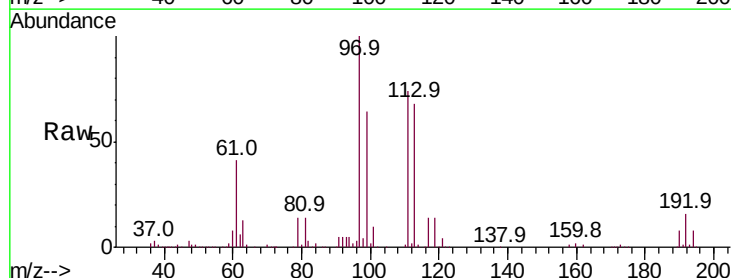
RT: 5.49 min Scan# 712

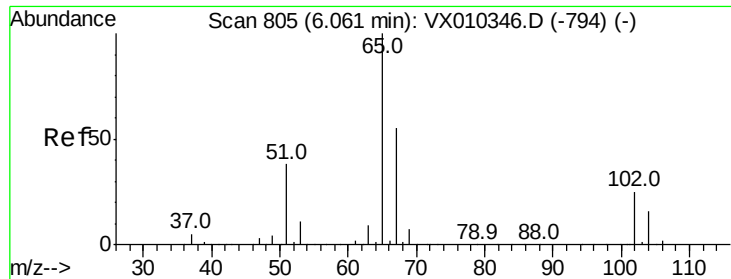
Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Tgt Ion:	97	Resp:	155088
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.8	77.8
61	40.5	32.1	48.1





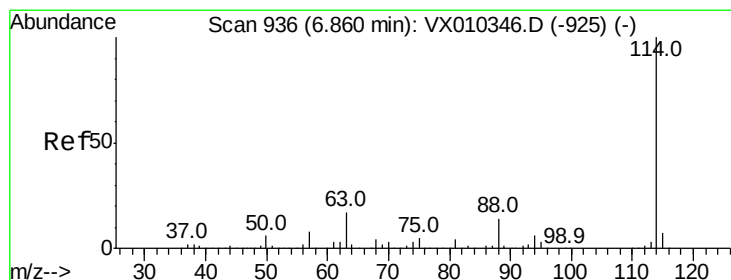
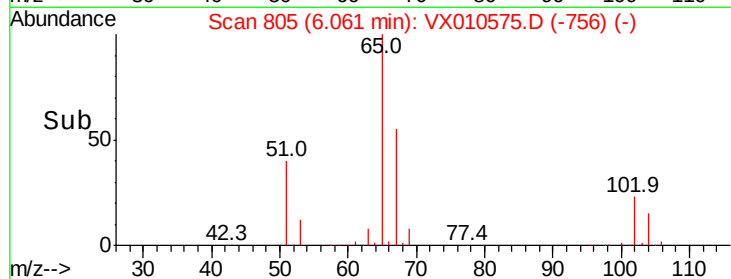
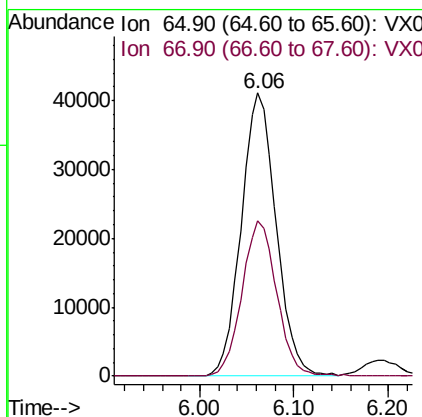
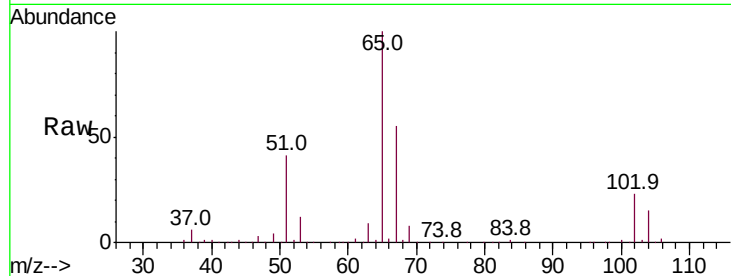
#33
 1,2-Dichloroethane-d4
 Concen: 50.629 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.2

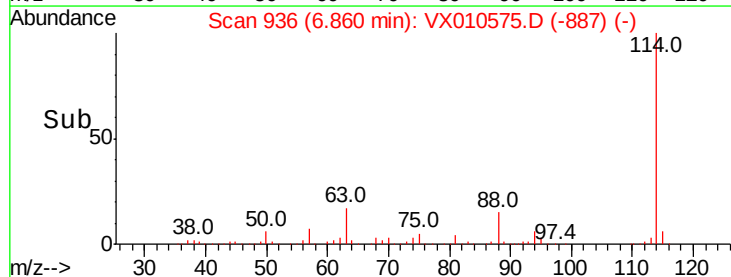
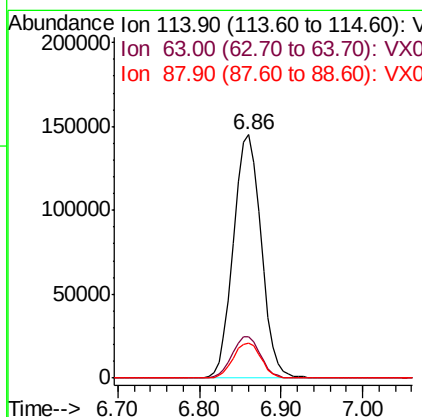
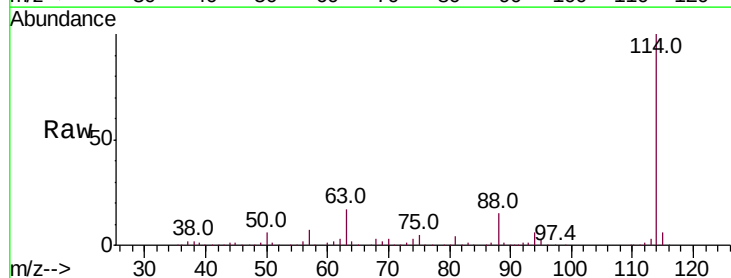
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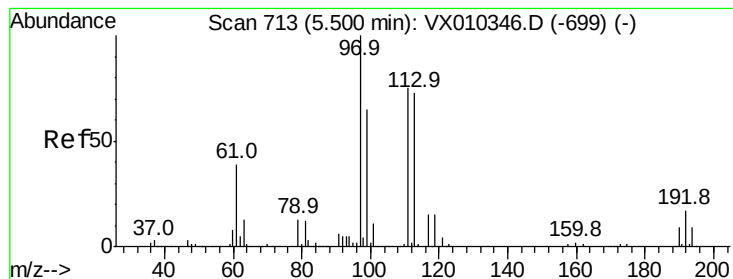
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	33.8
88	14.6	0.0	27.6





#35

Dibromofluoromethane

Concen: 49.657 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

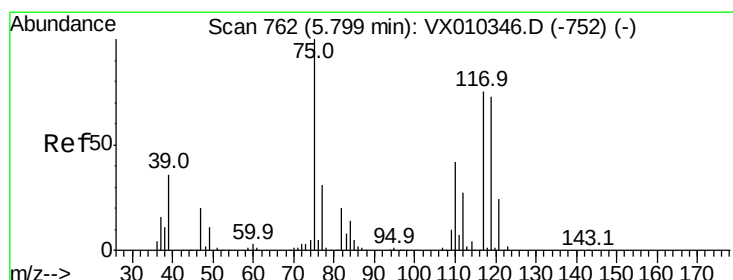
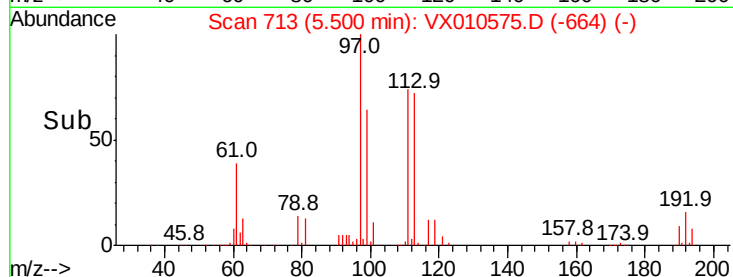
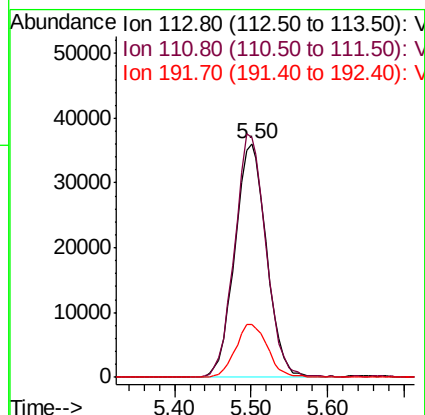
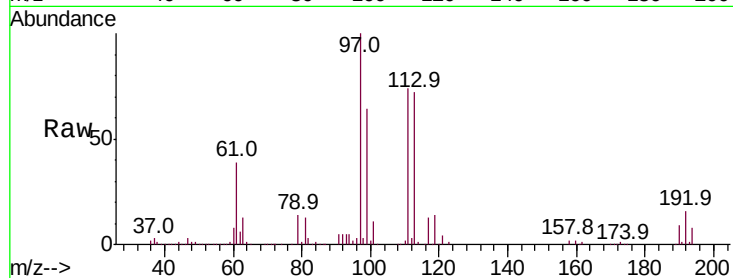
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	103809
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.2	121.8
192	22.8	18.6	27.8

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#36

1,1-Dichloropropene

Concen: 45.771 ug/l

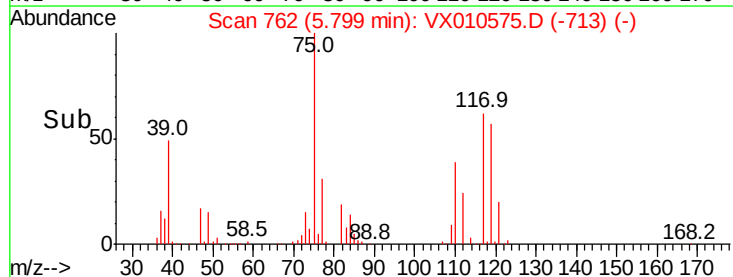
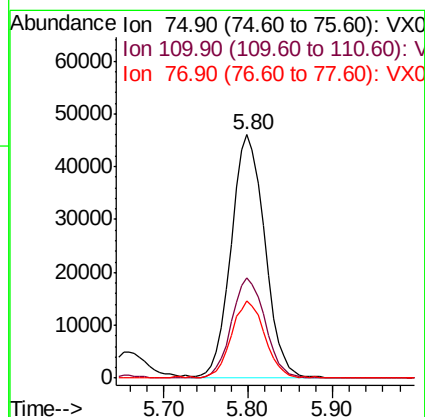
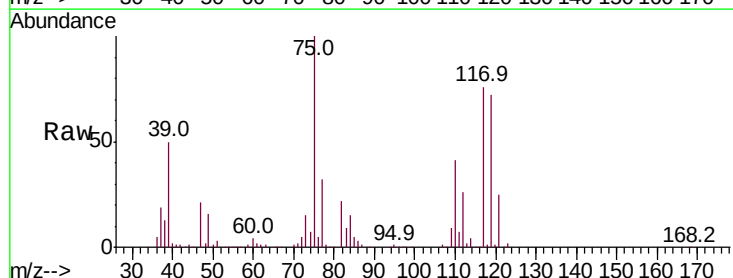
RT: 5.80 min Scan# 762

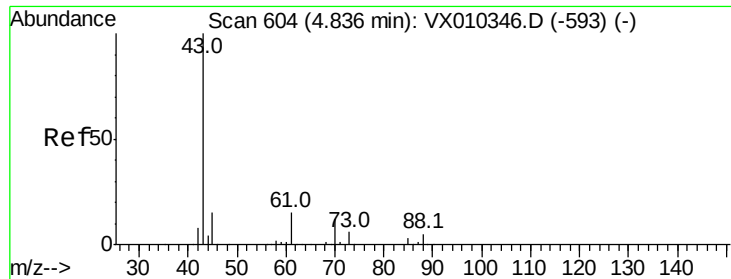
Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Tgt Ion:	75	Resp:	124275
Ion	Ratio	Lower	Upper
75	100		
110	41.2	20.8	62.2
77	31.6	25.4	38.0





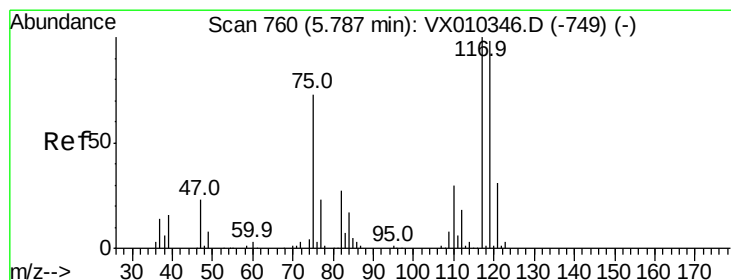
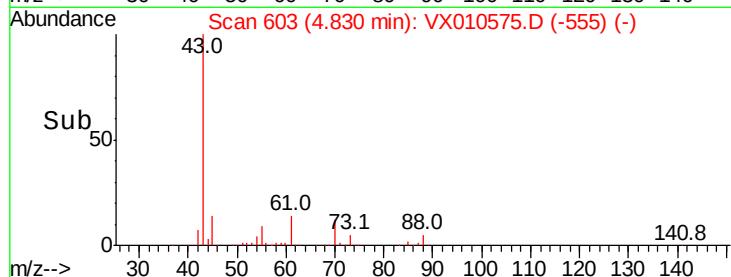
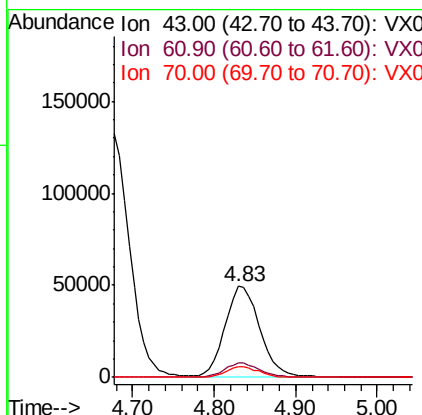
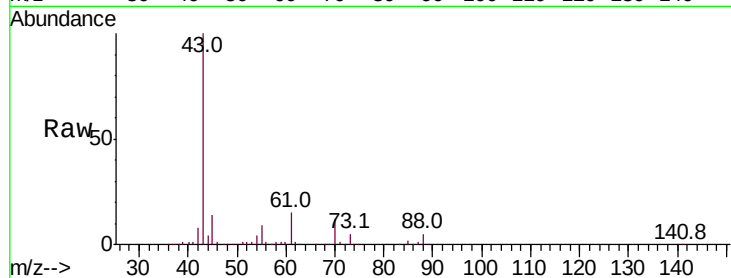
#37
Ethyl Acetate
Concen: 52.134 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.4	18.6
70	11.5	9.8	14.8

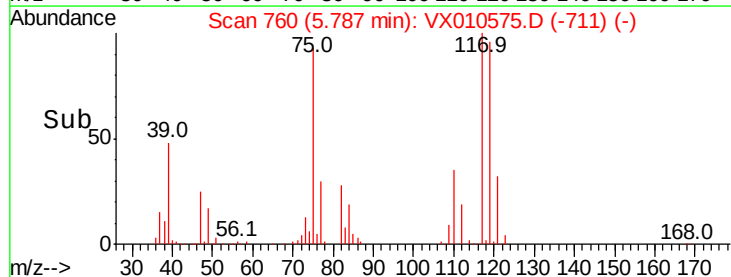
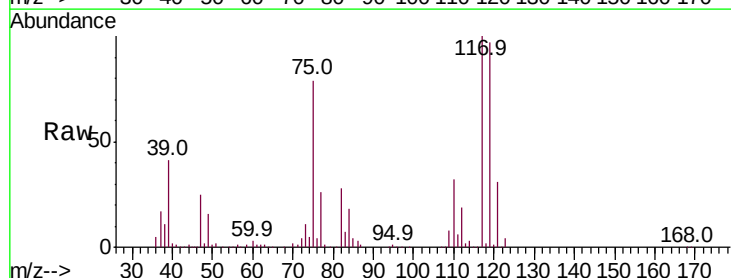
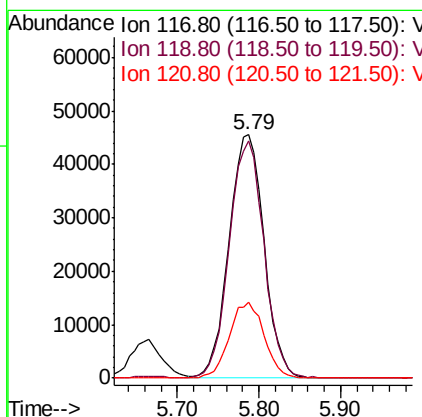
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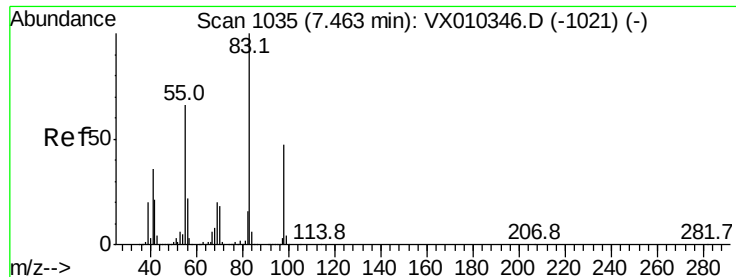
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#38
Carbon Tetrachloride
Concen: 45.867 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.2	117.4
121	31.3	24.7	37.1





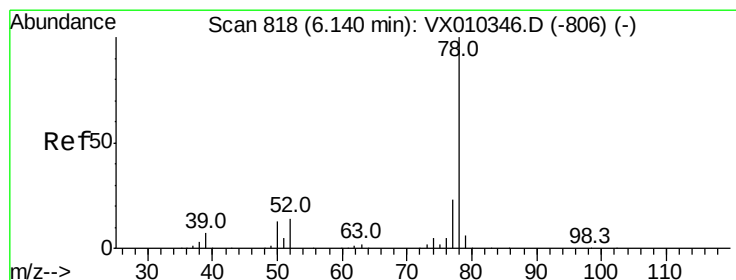
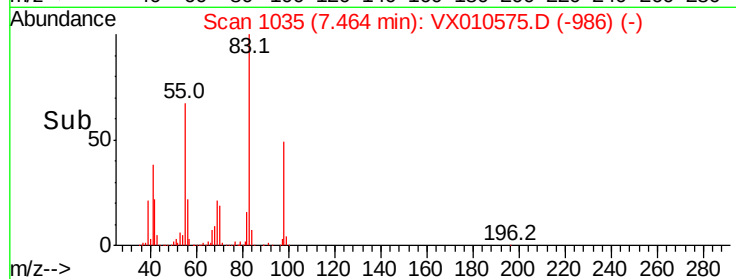
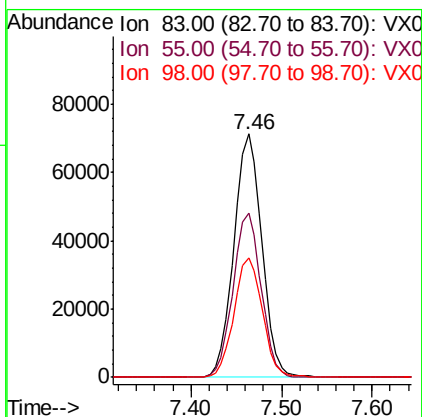
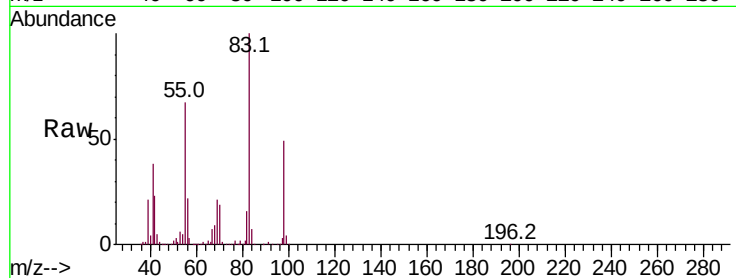
#39
Methylvlcyclohexane
Concen: 42.739 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.2	53.0	79.6
98	49.1	37.8	56.8

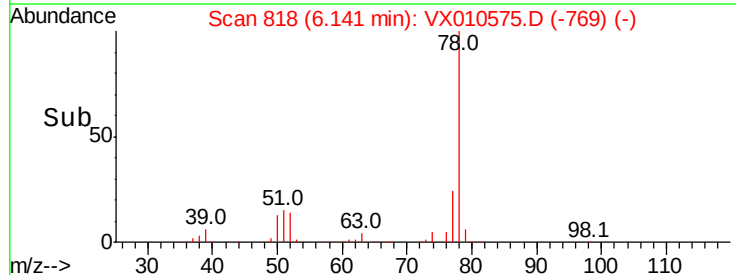
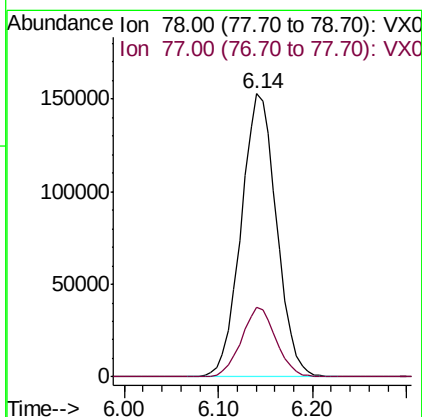
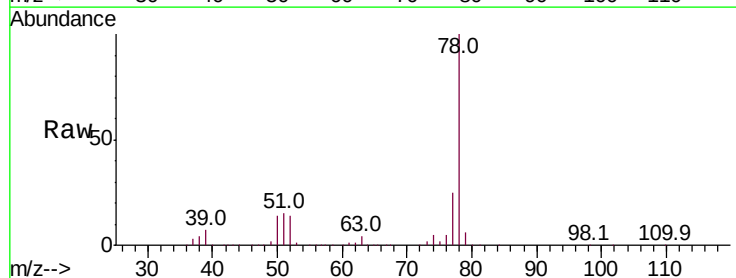
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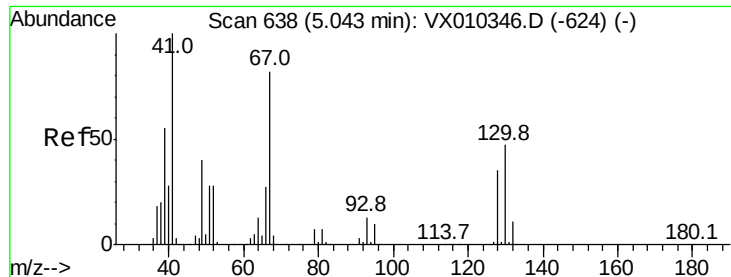
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#40
Benzene
Concen: 47.504 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.6	28.0





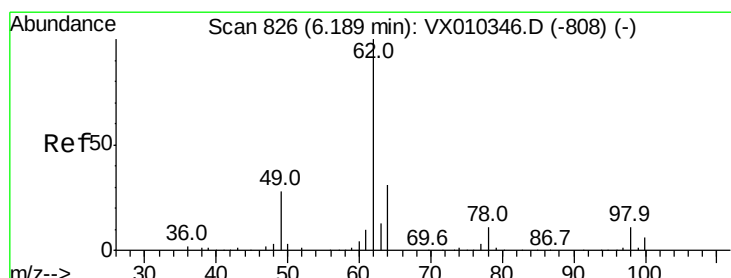
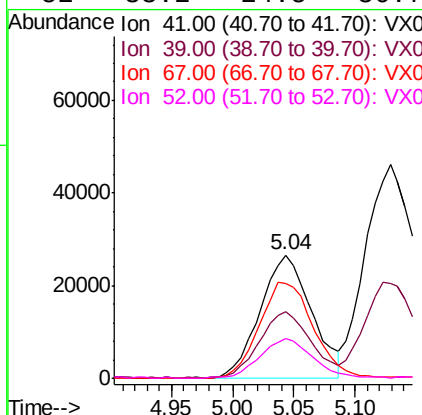
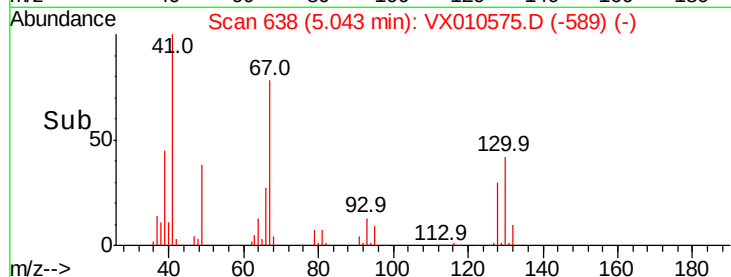
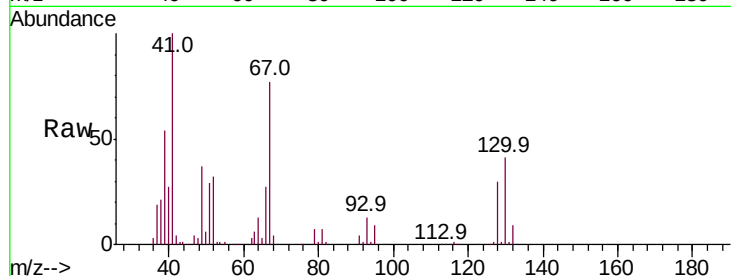
#41
Methacrylonitrile
Concen: 50.972 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	43.8	65.8	
67	82.2	66.6	100.0	
52	33.2	24.5	36.7	

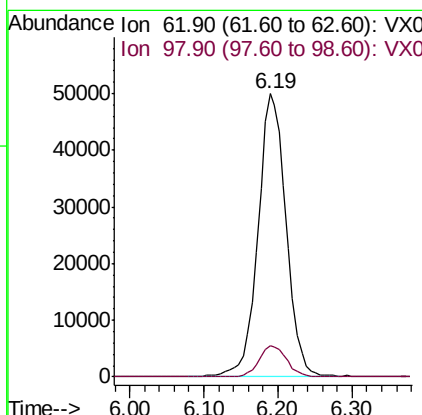
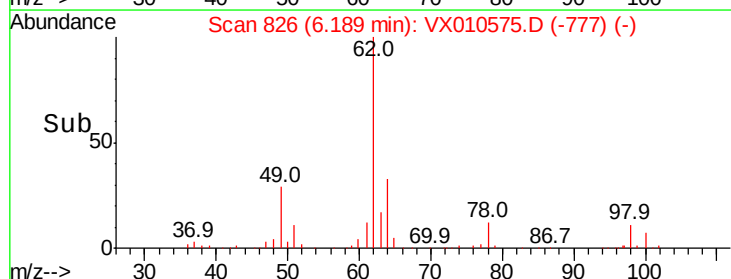
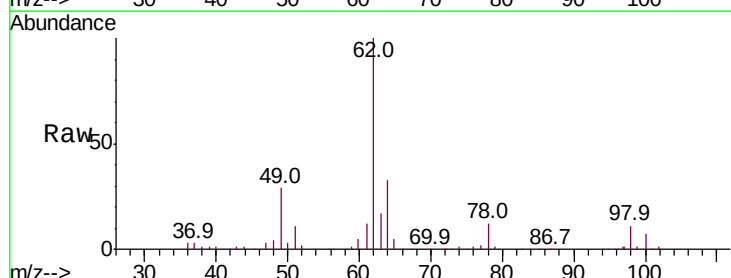
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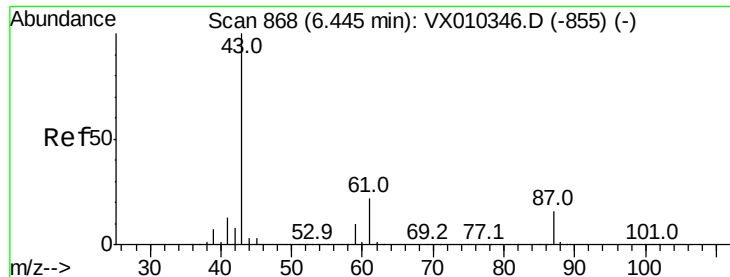
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#42
1,2-Dichloroethane
Concen: 51.288 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	22.2	





#43

Isopropyl Acetate

Concen: 50.517 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

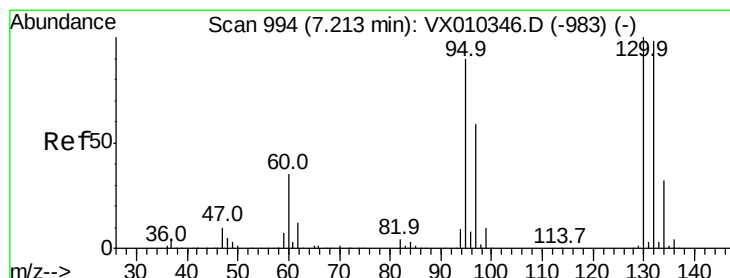
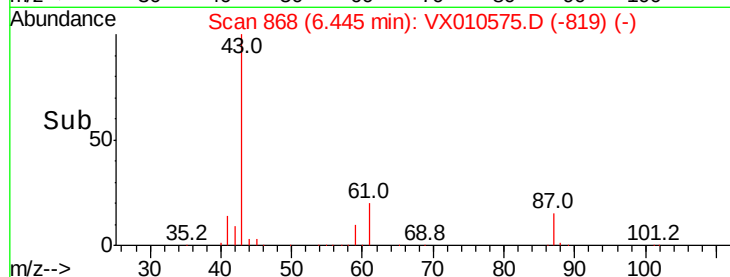
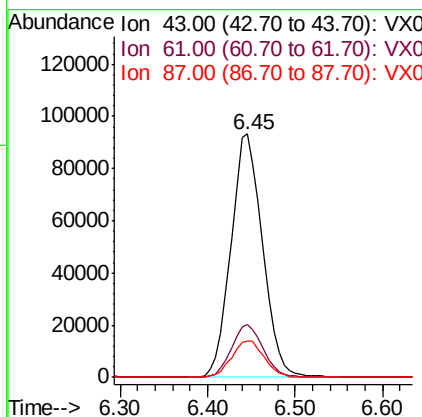
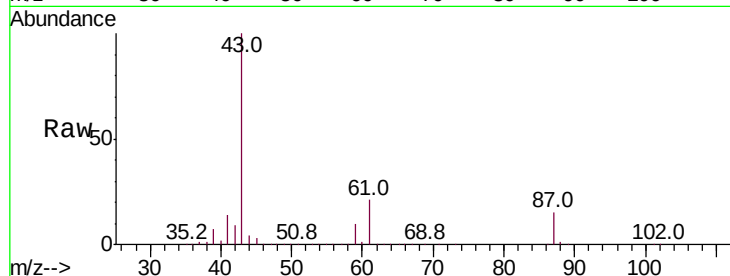
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	233459
Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.5	13.0	19.4

Manual Integrations
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7/1/2019 10:40:37 AM



#44

Trichloroethene

Concen: 47.135 ug/l

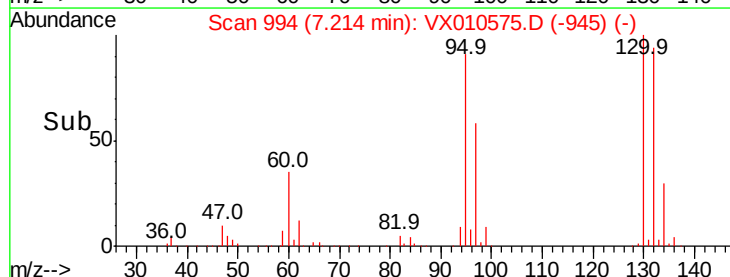
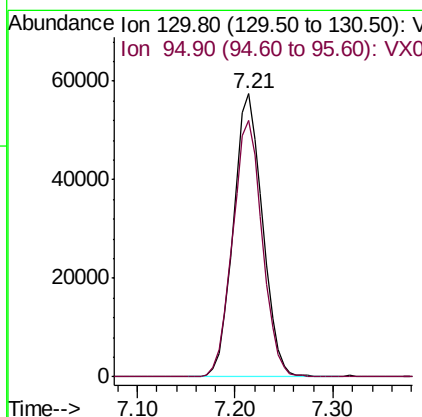
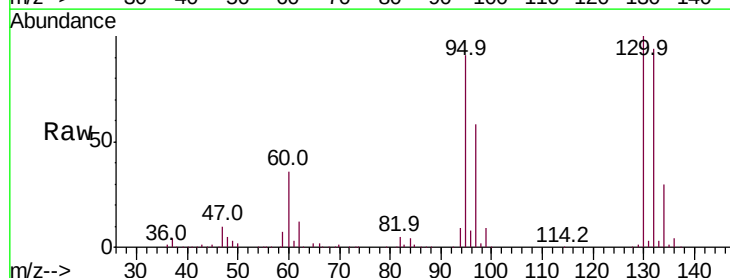
RT: 7.21 min Scan# 994

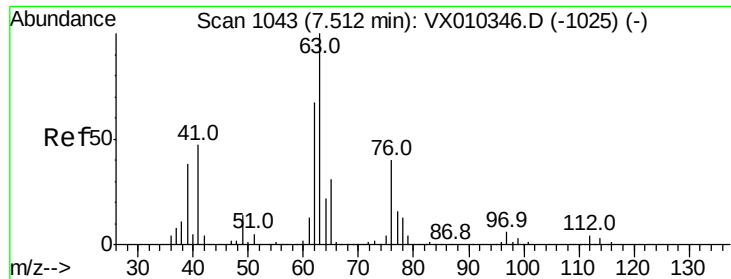
Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Tgt Ion:	130	Resp:	119307
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	180.8





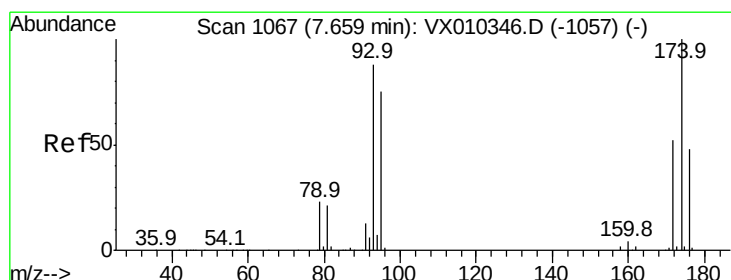
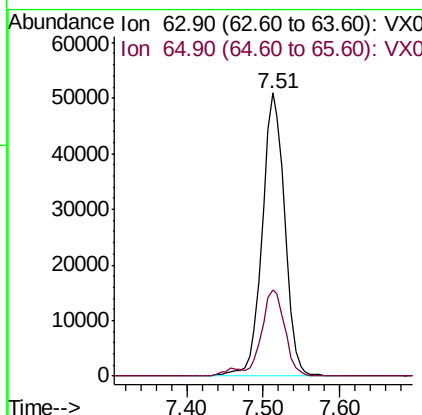
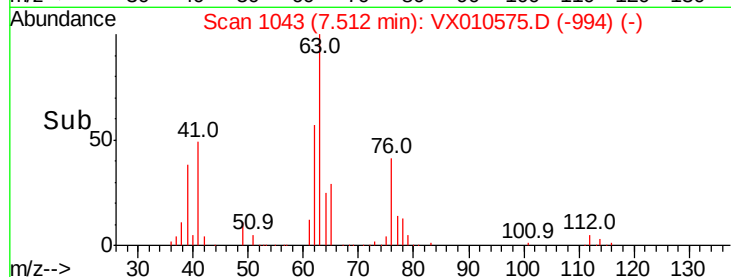
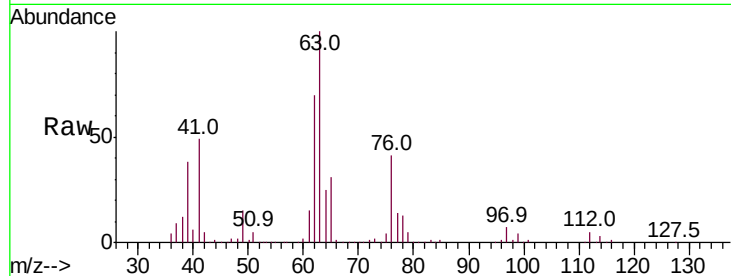
#45
 1,2-Dichloropropane
 Concen: 49.034 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 104744
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.8 37.2

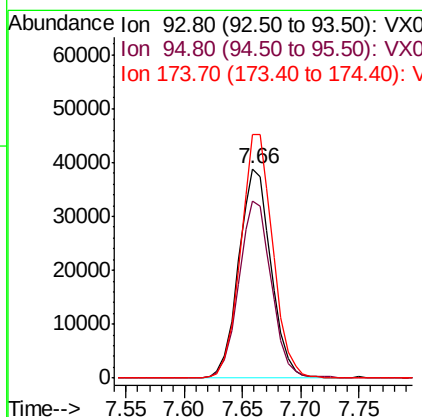
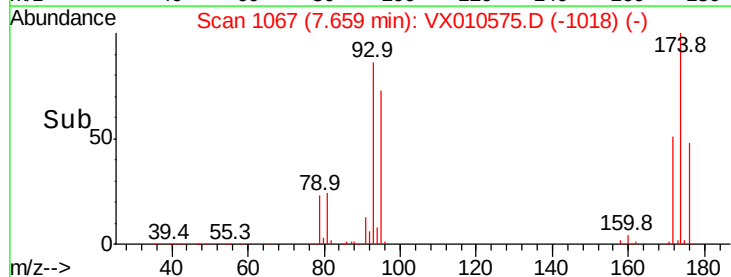
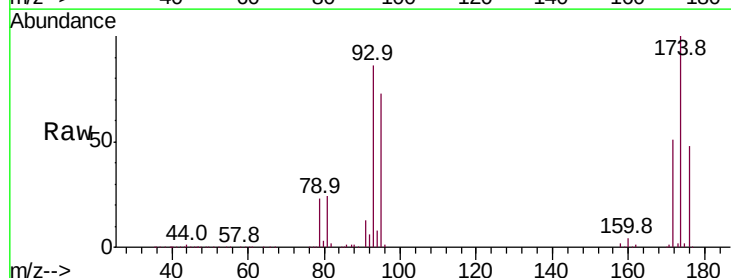
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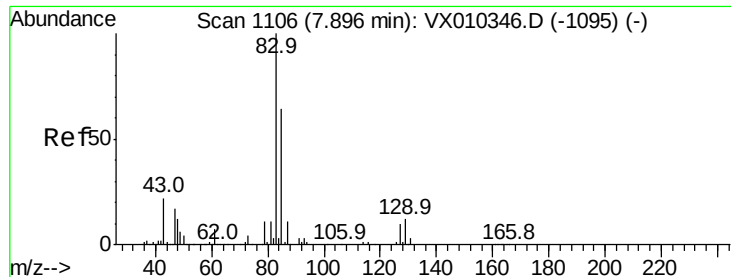
MMDadoda
 7/1/2019 10:40:37 AM



#46
 Dibromomethane
 Concen: 48.935 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Tgt Ion: 93 Resp: 74999
 Ion Ratio Lower Upper
 93 100
 95 85.3 67.5 101.3
 174 115.9 95.8 143.6





#47

Bromodichloromethane

Concen: 47.976 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

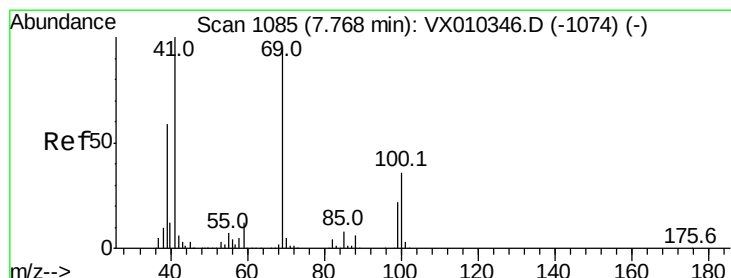
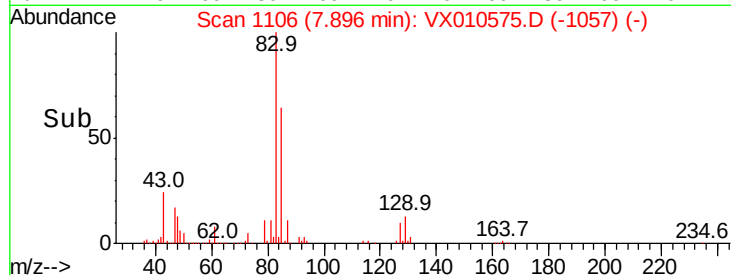
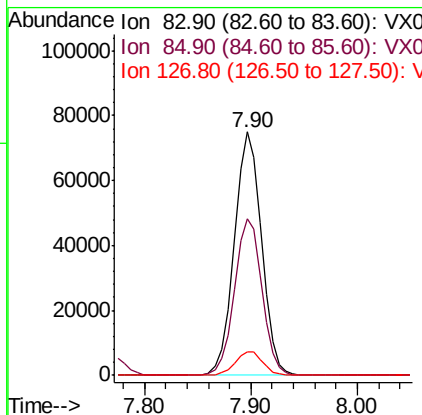
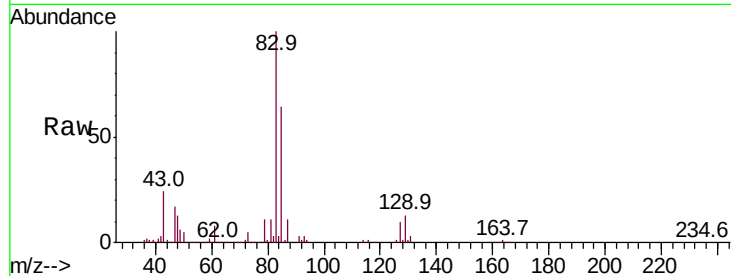
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	134751
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3
127	9.6	7.8	11.8

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#48

Methyl methacrylate

Concen: 51.813 ug/l

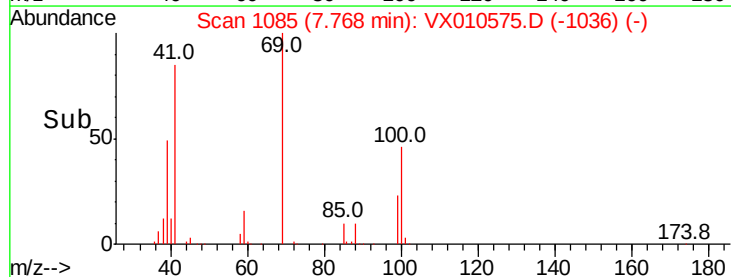
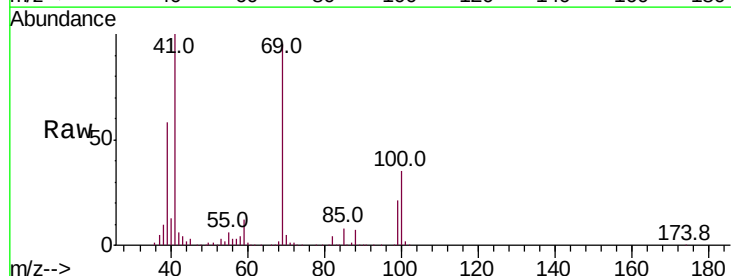
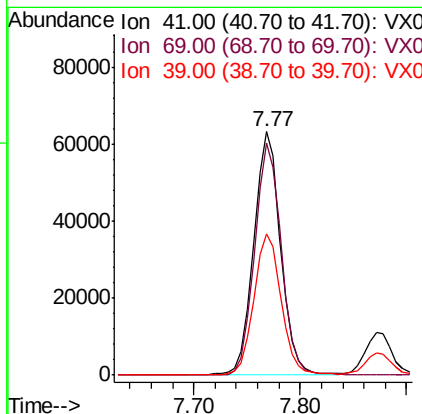
RT: 7.77 min Scan# 1085

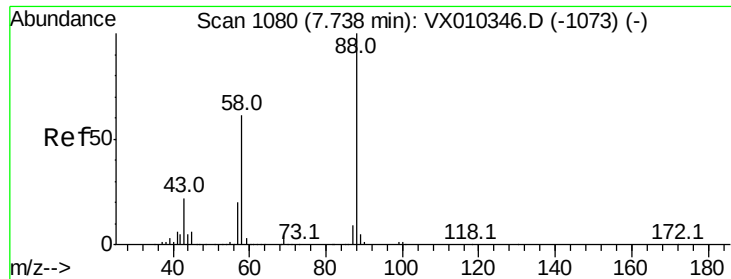
Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Tgt Ion:	41	Resp:	111299
Ion	Ratio	Lower	Upper
41	100		
69	95.4	76.1	114.1
39	58.8	47.6	71.4





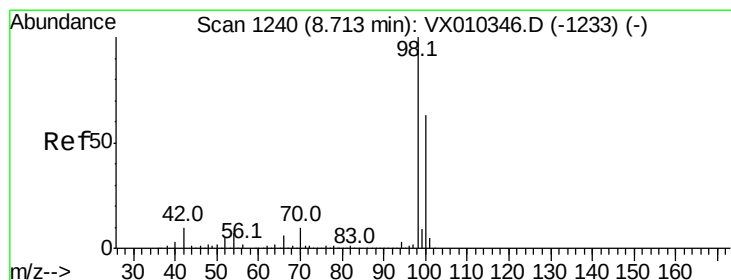
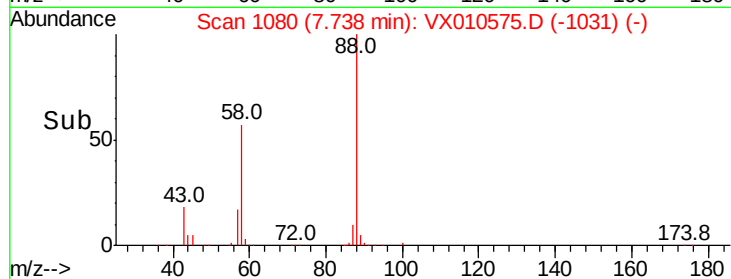
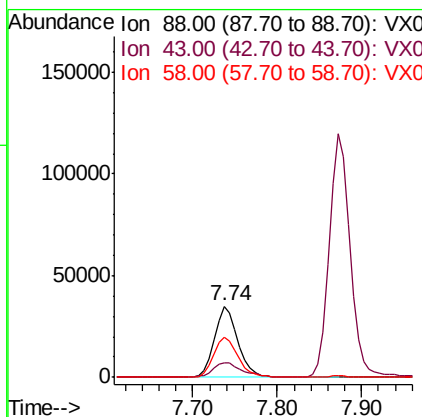
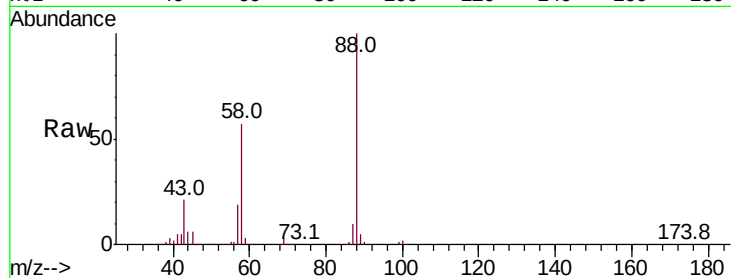
#49
 1,4-Dioxane
 Concen: 1083.181 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.2	20.2	30.2
58	59.9	49.5	74.3

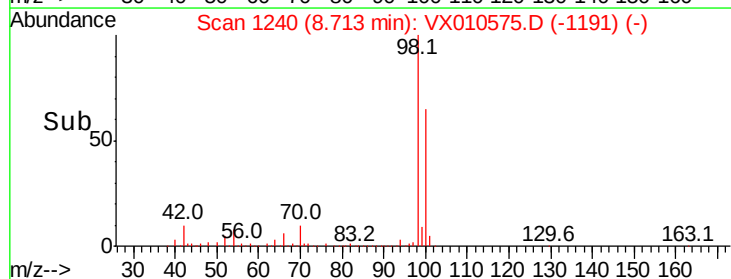
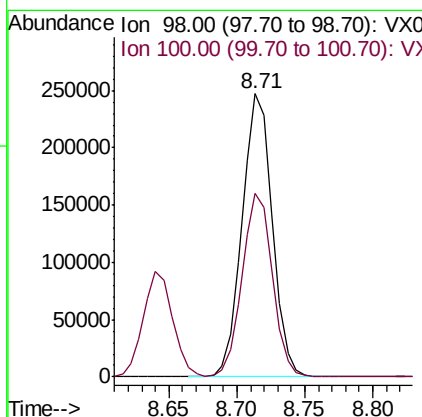
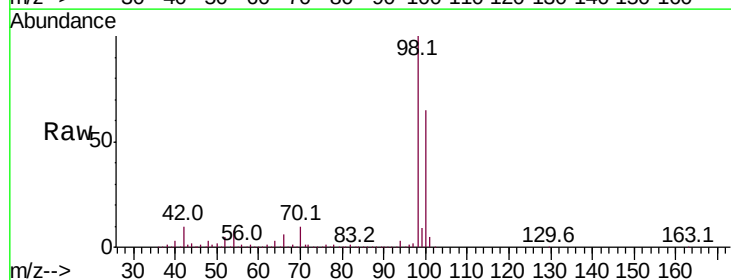
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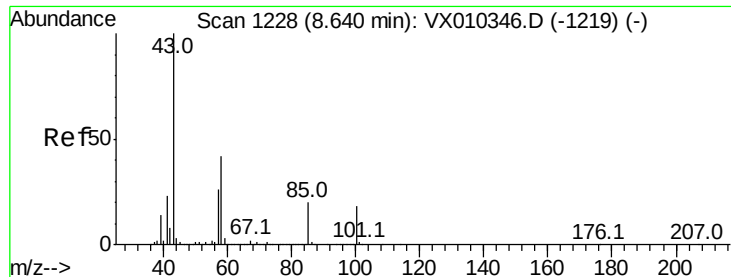
MMDadoda
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#50
 Toluene-d8
 Concen: 47.967 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4





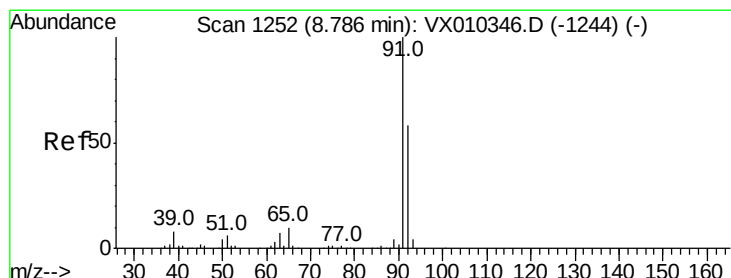
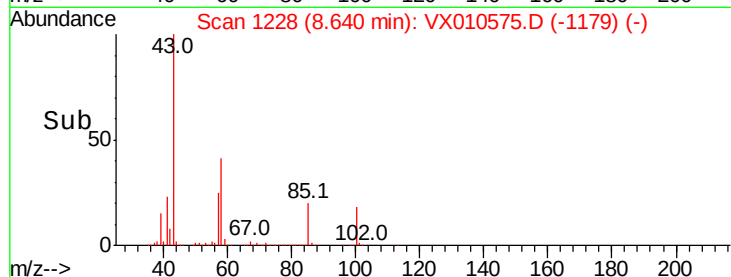
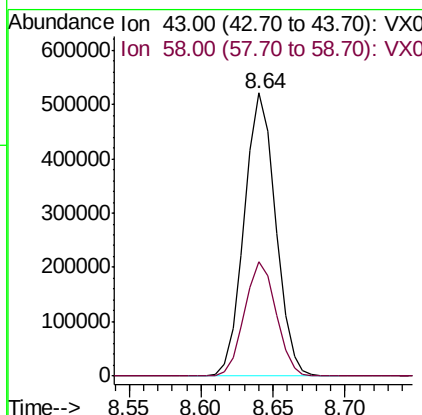
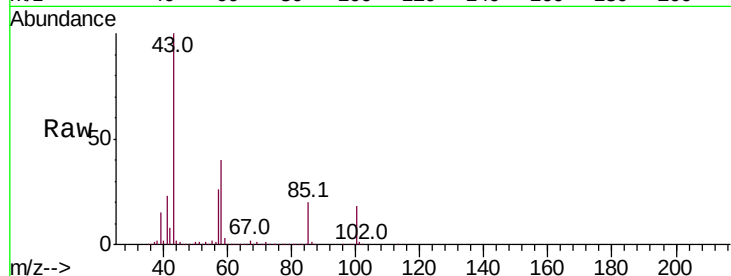
#51
4-Methyl-2-Pentanone
Concen: 266.253 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	100	40.7	Resp	786954	Lower	33.5	Upper	50.3
Ion	43	58	Ratio	100	40.7	Resp	786954	Lower	33.5	Upper	50.3

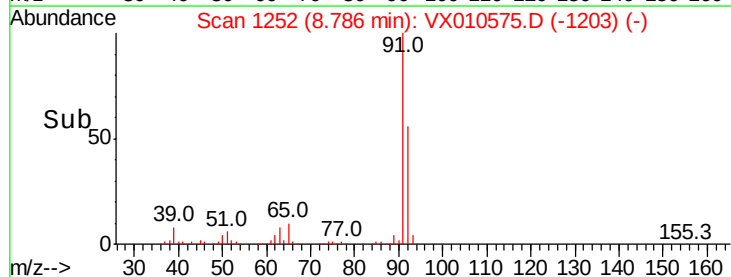
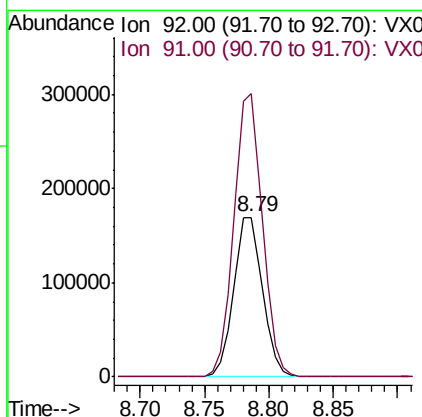
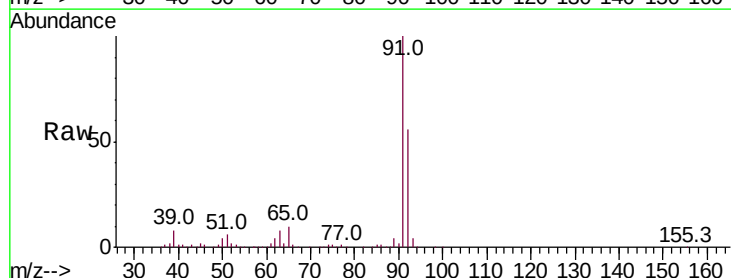
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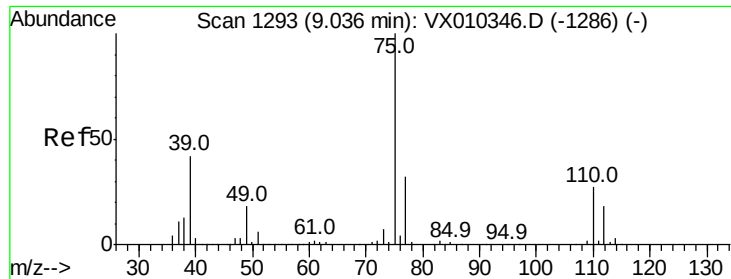
MMDadoda
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#52
Toluene
Concen: 47.522 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	92	91	Ratio	100	175.5	Resp	264724	Lower	139.8	Upper	209.6
Ion	92	91	Ratio	100	175.5	Resp	264724	Lower	139.8	Upper	209.6





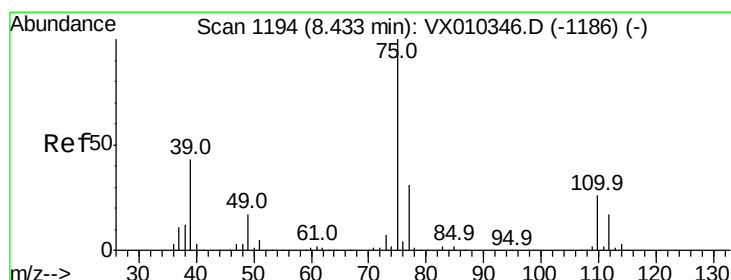
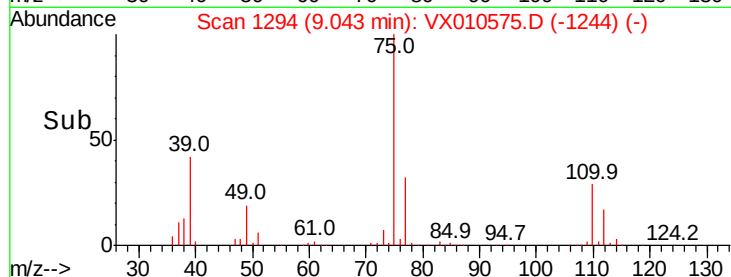
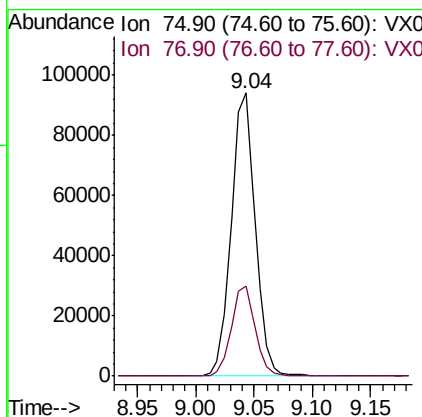
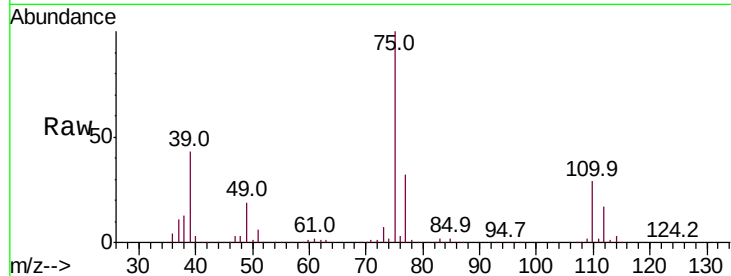
#53
t-1,3-Dichloropropene
Concen: 42.979 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2

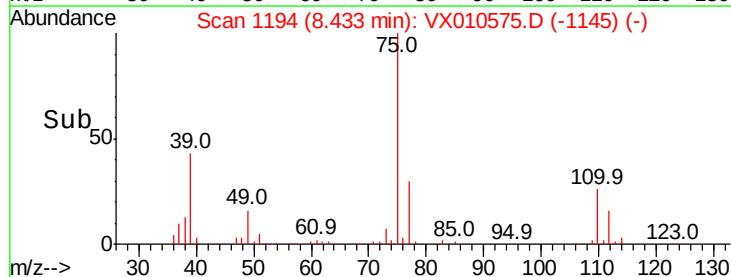
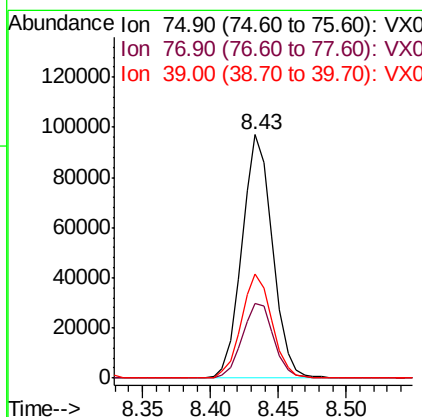
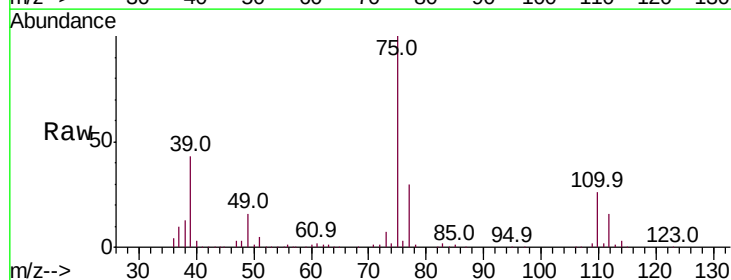
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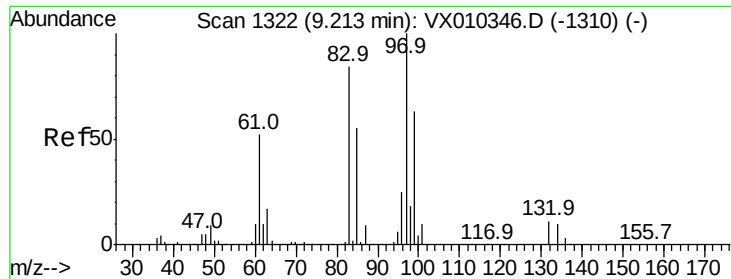
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 44.399 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.2	37.8
39	42.7	34.5	51.7





#55

1,1,2-Trichloroethane

Concen: 50.400 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 115791

Ion Ratio Lower Upper

97 100

83 81.4 67.4 101.0

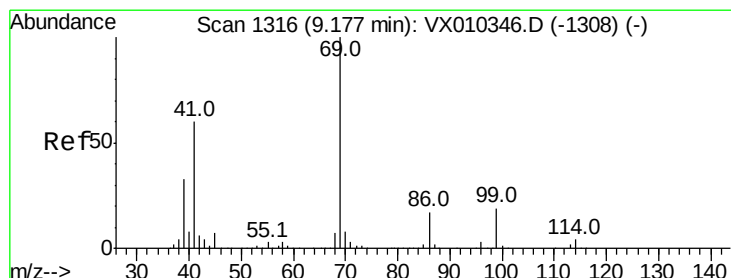
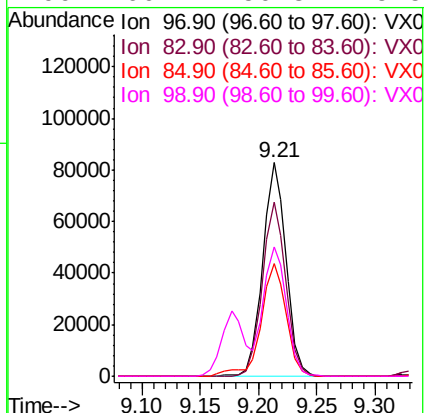
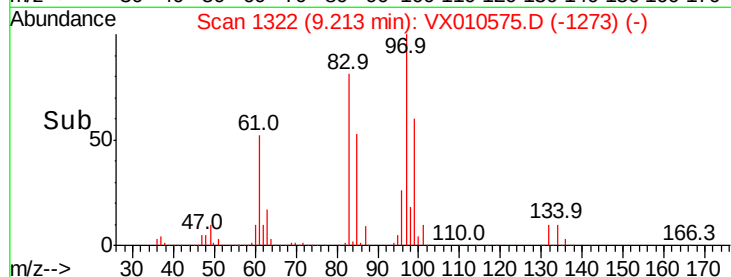
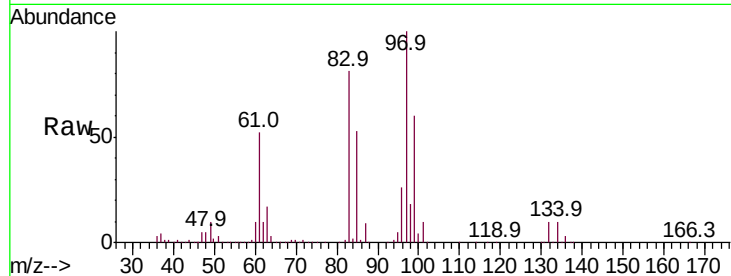
85 52.8 43.8 65.8

99 60.4 50.3 75.5

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#56

Ethyl methacrylate

Concen: 50.219 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

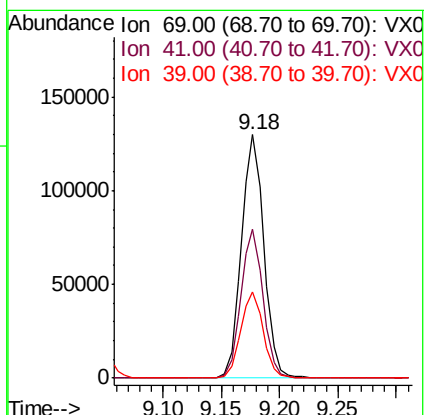
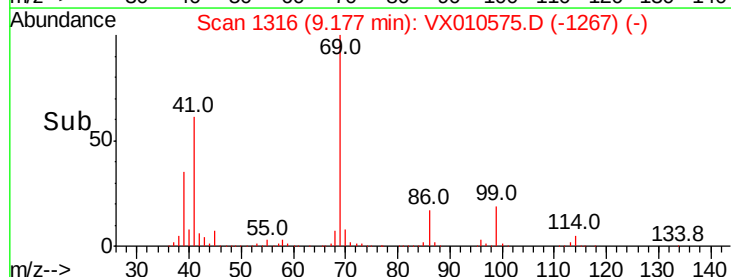
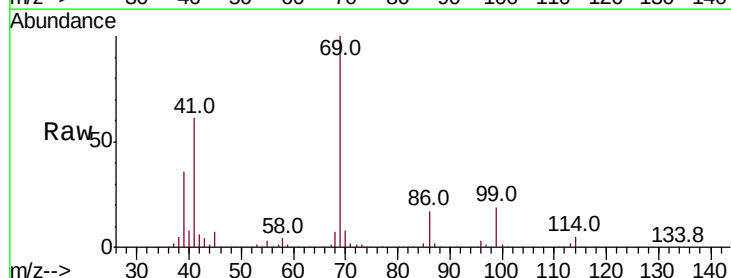
Tgt Ion: 69 Resp: 174775

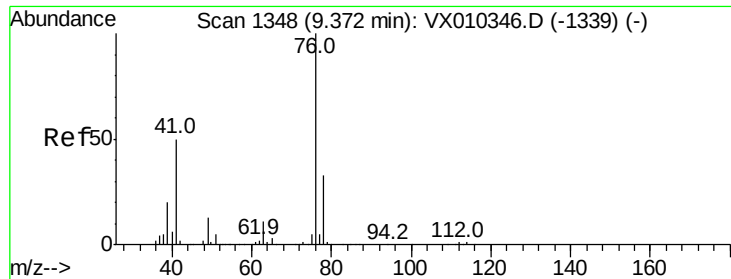
Ion Ratio Lower Upper

69 100

41 60.7 47.1 70.7

39 35.9 26.6 40.0





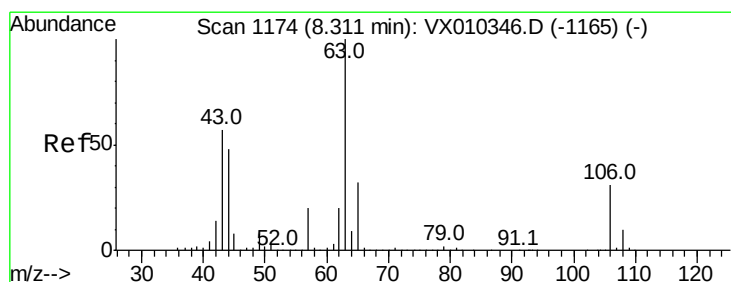
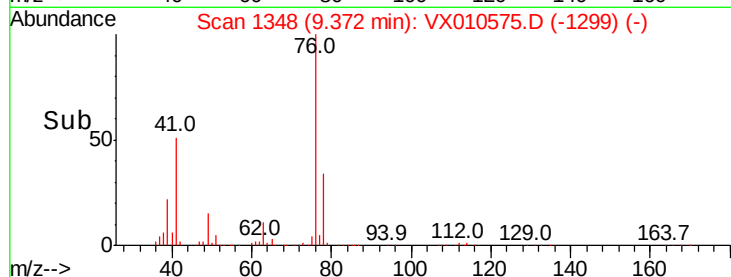
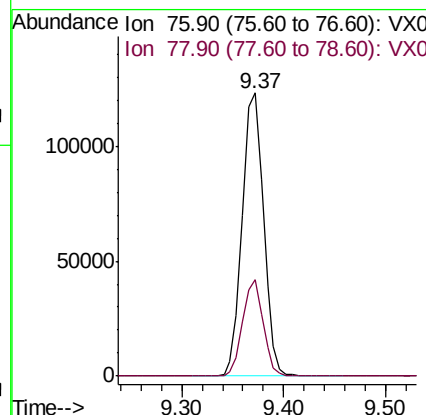
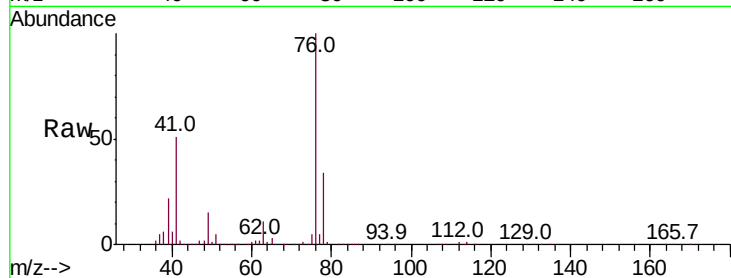
#57
 1,3-Dichloropropane
 Concen: 49.885 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 177906
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1

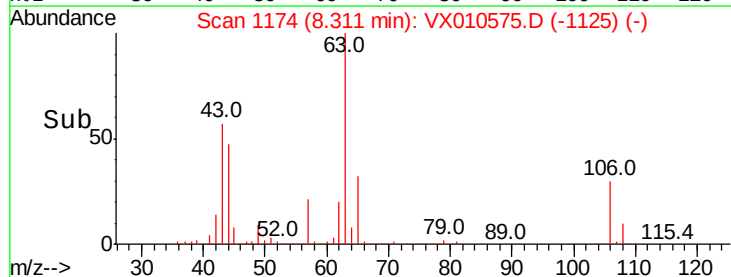
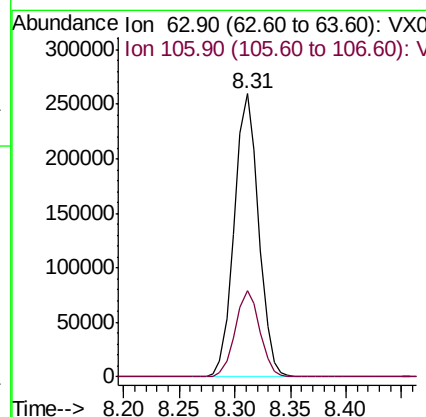
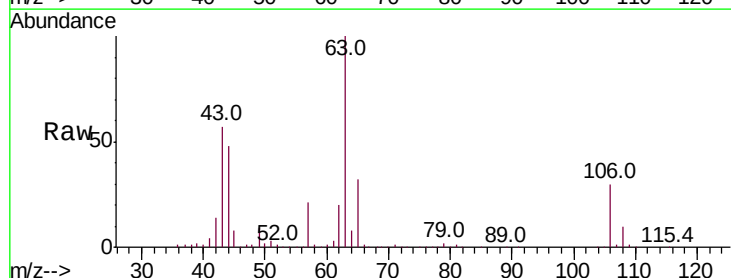
Manual Integrations
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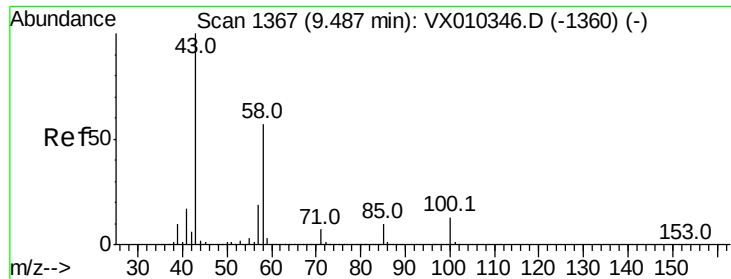
MMDadoda
 7/1/2019 10:40:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.743 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Tgt Ion: 63 Resp: 394614
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1





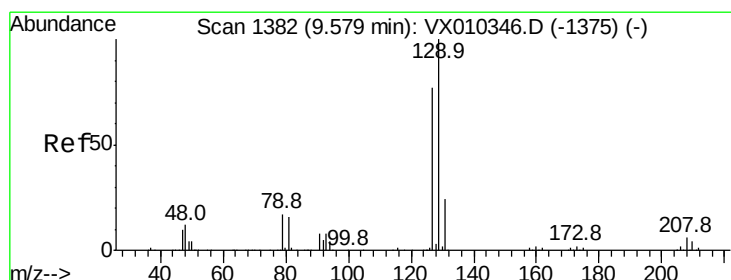
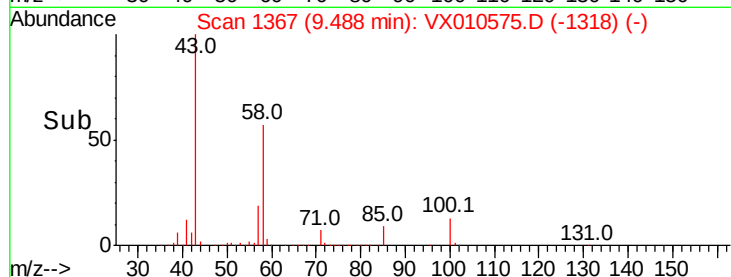
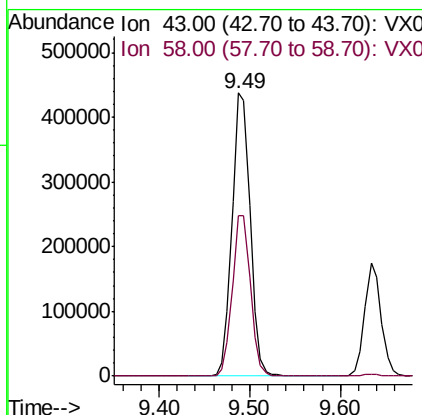
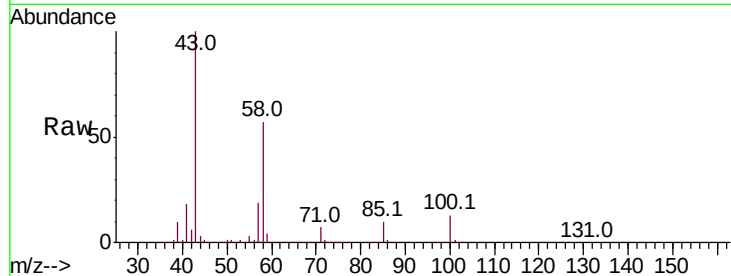
#59
2-Hexanone
Concen: 261.848 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 609112
Ion Ratio Lower Upper
43 100
58 57.0 29.0 87.1

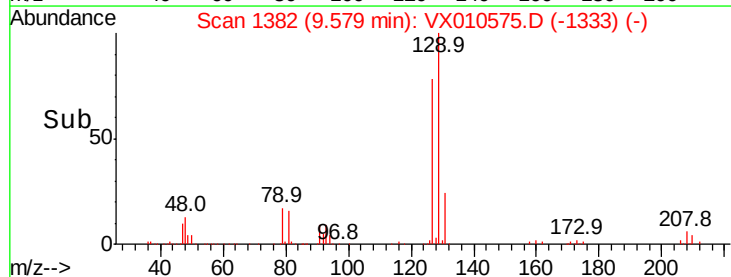
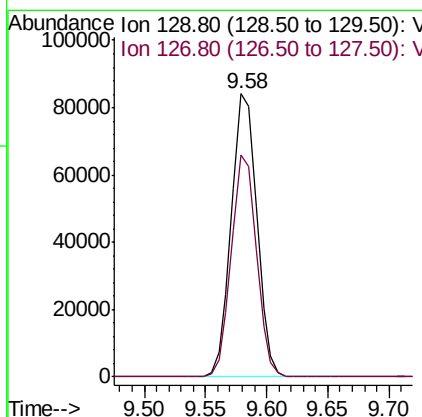
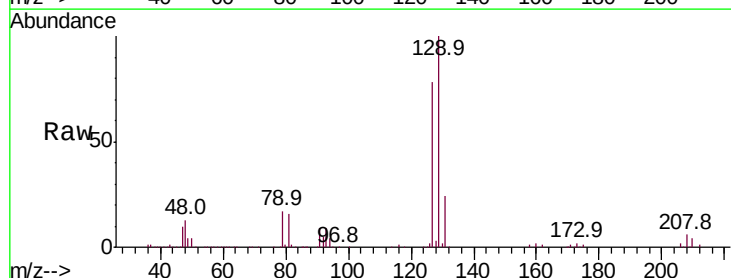
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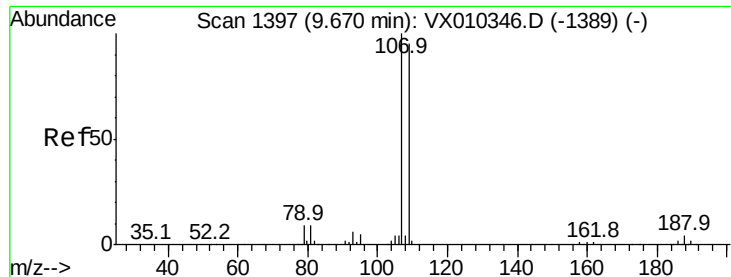
MMDadoda
7/1/2019 10:40:37 AM



#60
Dibromochloromethane
Concen: 47.388 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion: 129 Resp: 121899
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





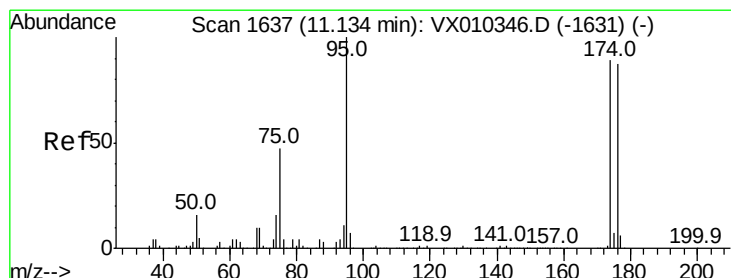
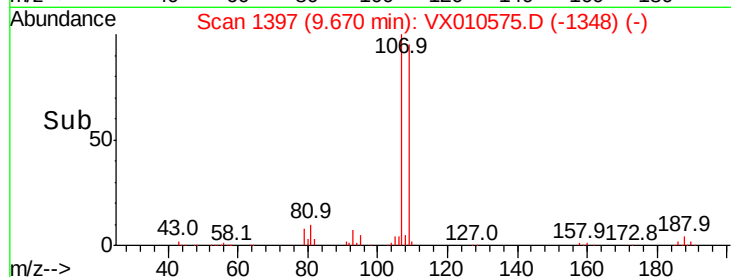
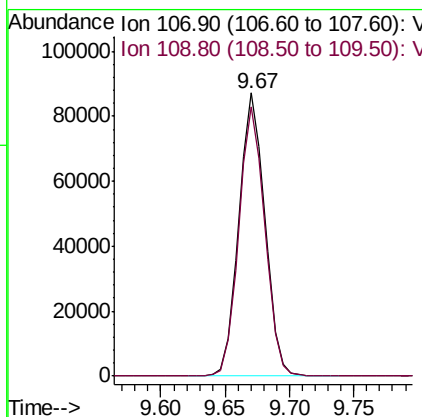
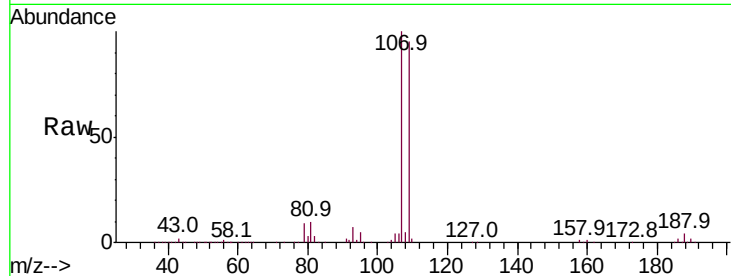
#61
 1,2-Dibromoethane
 Concen: 49.062 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.8	113.6

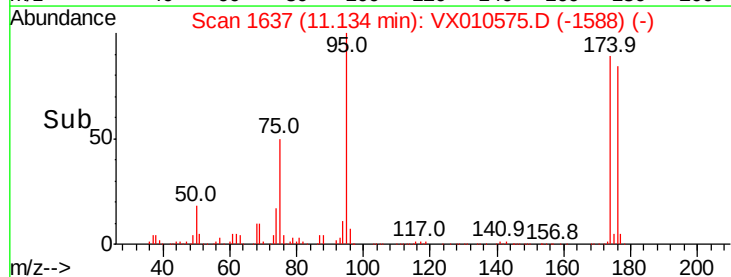
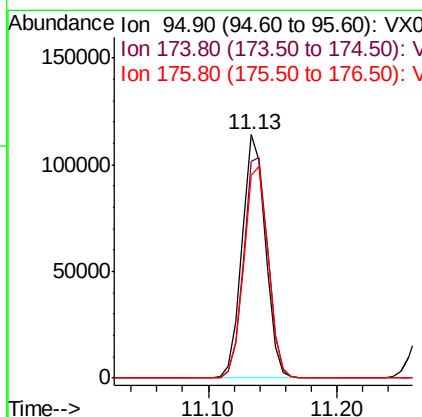
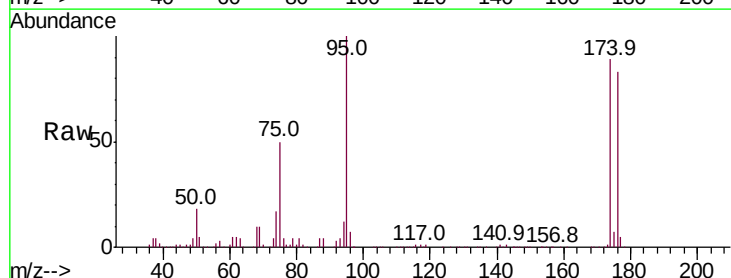
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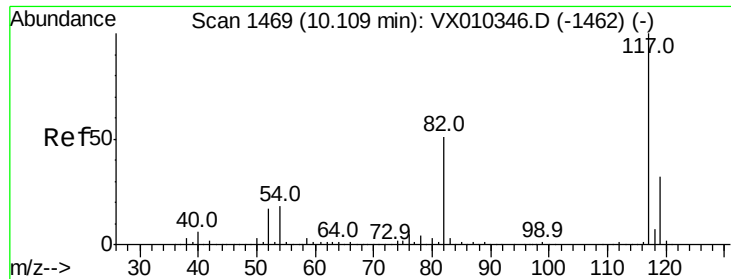
MMDadoda
 7/1/2019 10:40:37 AM



#62
 4-Bromofluorobenzene
 Concen: 49.502 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	187.6
176	90.3	0.0	184.0





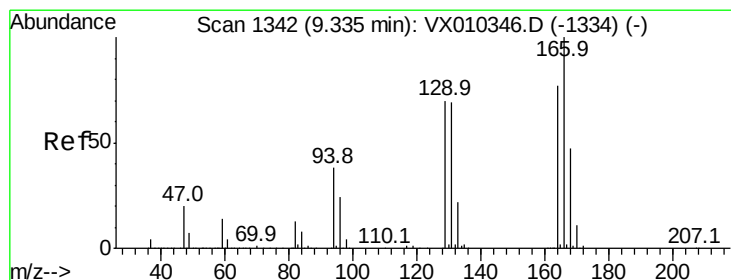
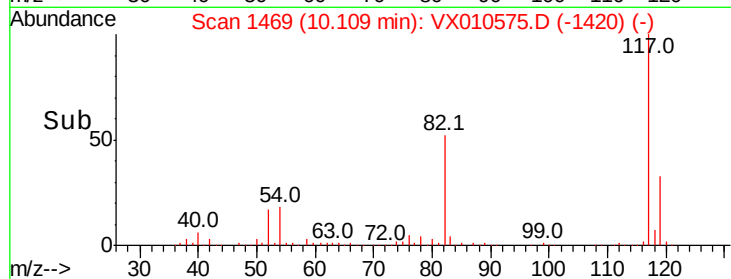
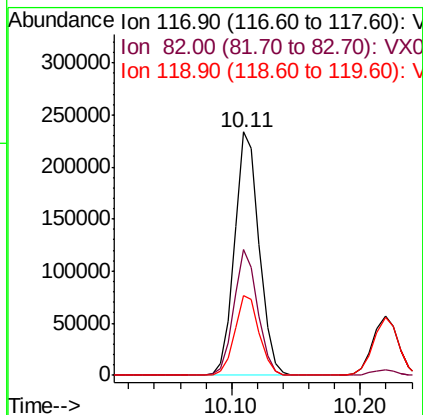
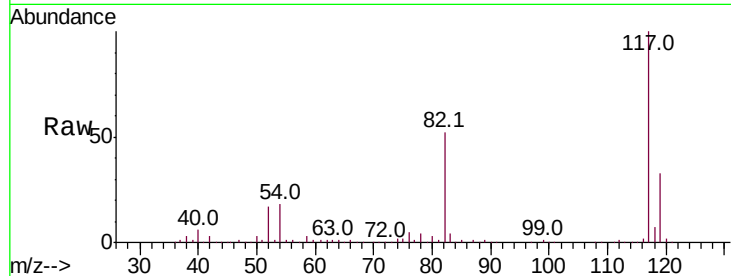
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.2	61.8
119	32.7	25.5	38.3

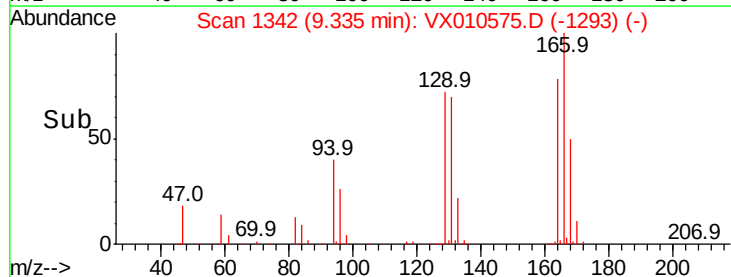
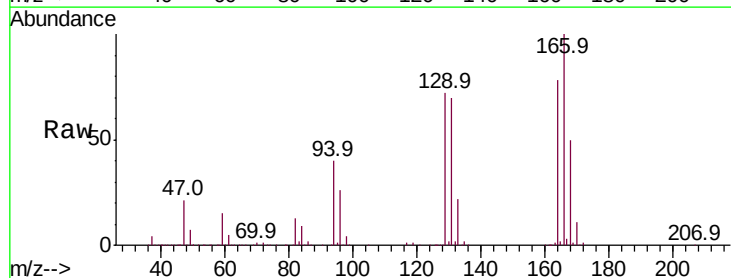
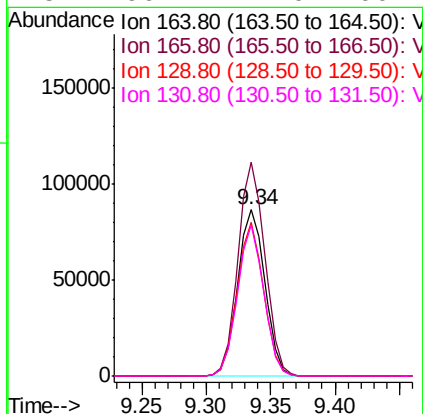
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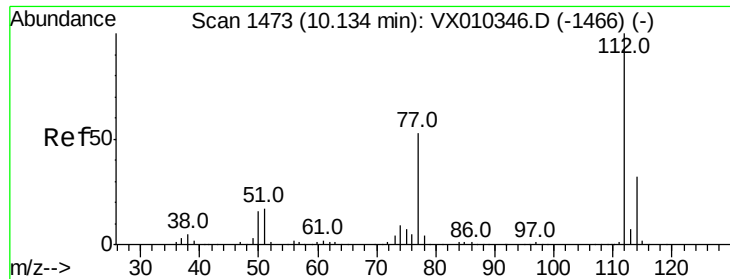
MMDadoda
7/1/2019 10:40:37 AM



#64
Tetrachloroethene
Concen: 50.583 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	103.6	155.4
129	92.2	73.0	109.4
131	90.7	71.0	106.4





#65

Chlorobenzene

Concen: 48.305 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 304472

Ion Ratio Lower Upper

112 100

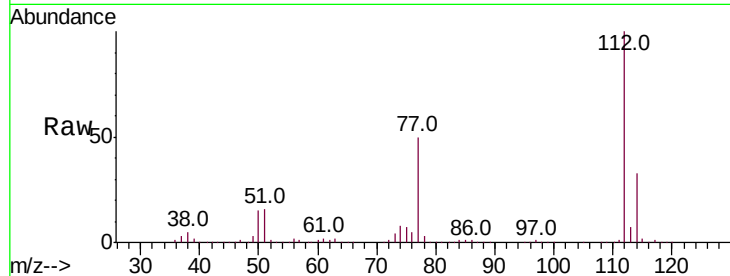
114 32.7 25.4 38.2

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200000

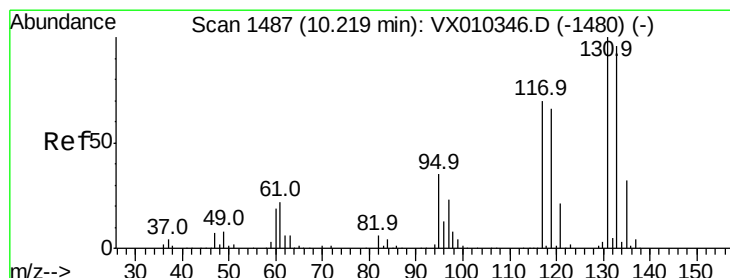
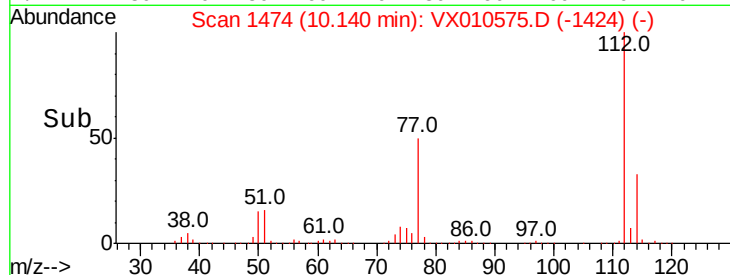
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.948 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

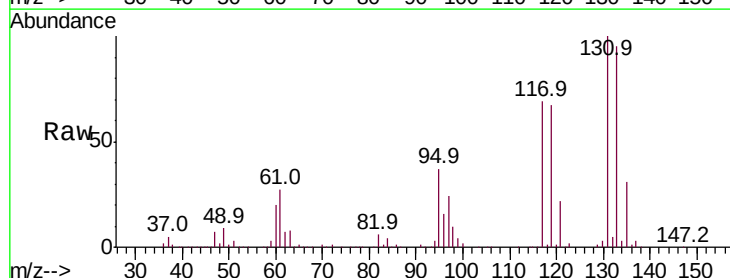
Tgt Ion:131 Resp: 112379

Ion Ratio Lower Upper

131 100

133 95.8 47.7 143.1

119 66.0 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

80000

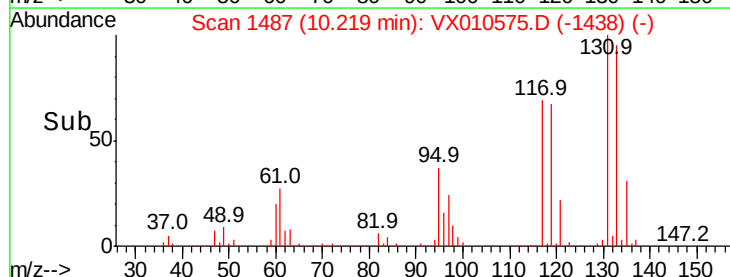
60000

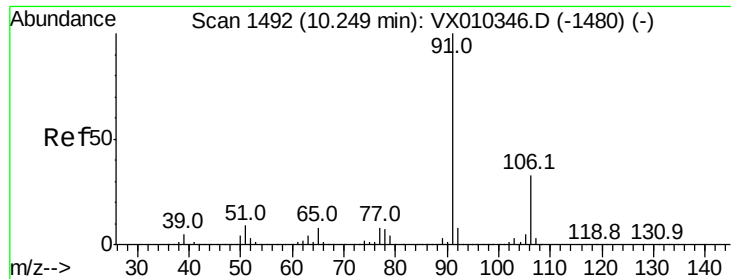
40000

20000

0

Time-->





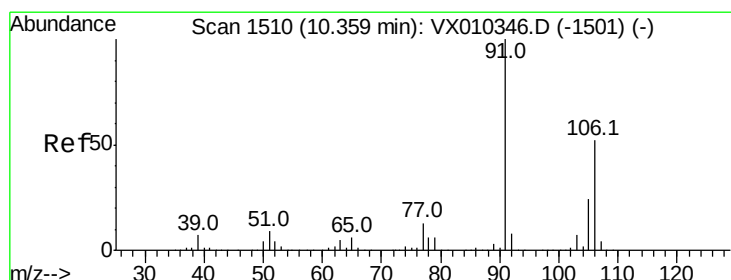
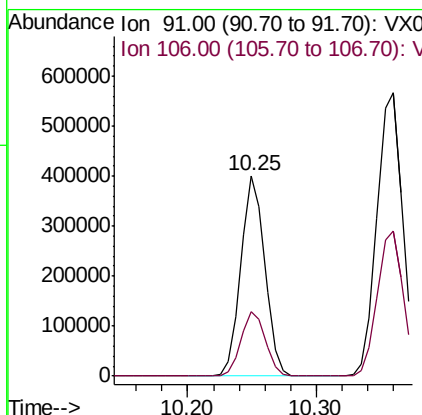
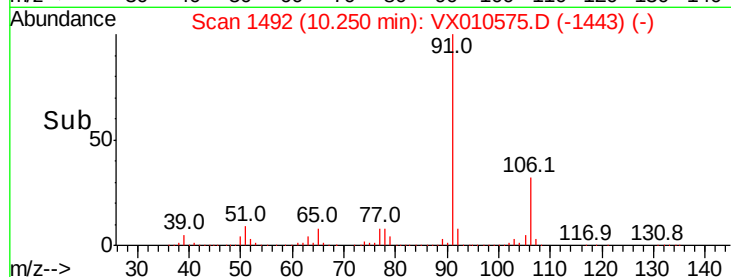
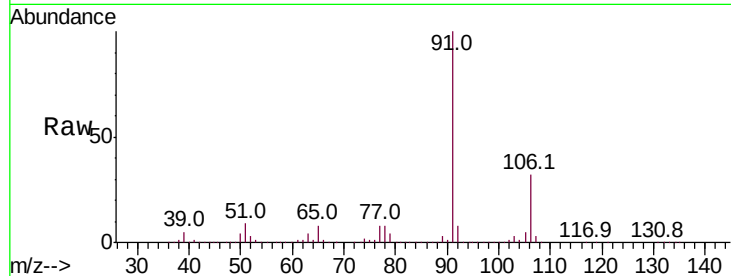
#67
Ethyl Benzene
Concen: 48.653 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 517720
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2

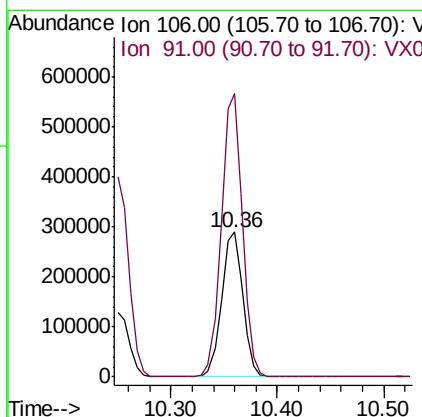
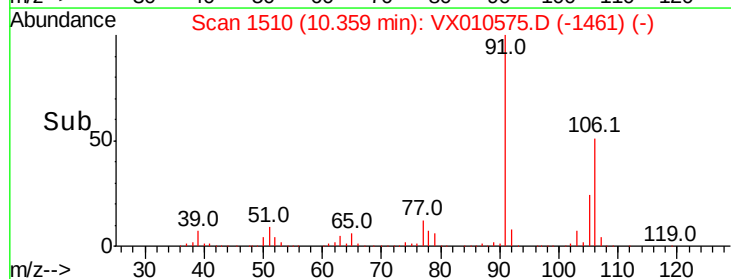
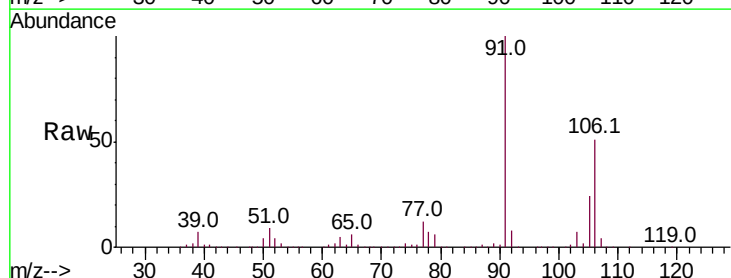
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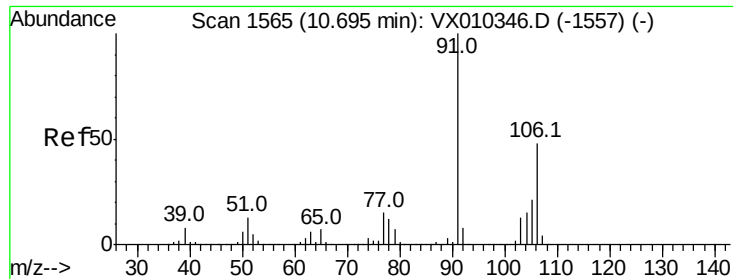
MMDadoda
7/1/2019 10:40:37 AM



#68
m/p-Xylenes
Concen: 97.248 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion: 106 Resp: 400965
Ion Ratio Lower Upper
106 100
91 194.4 155.3 232.9





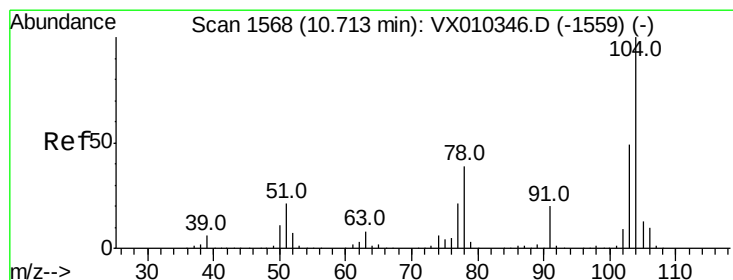
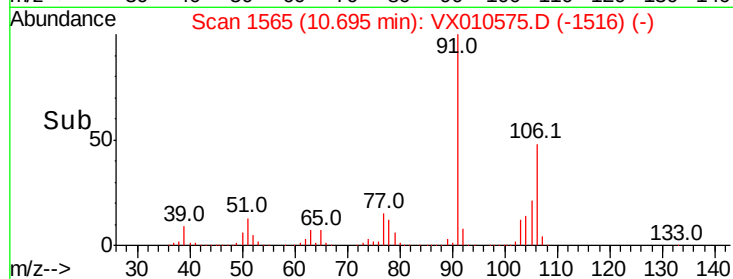
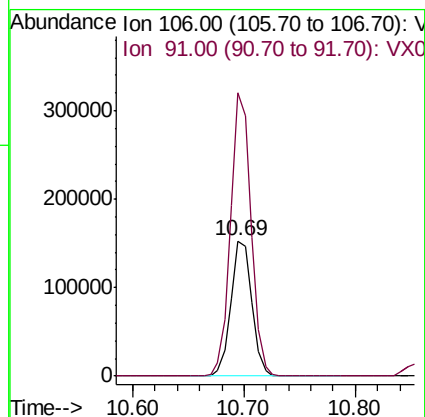
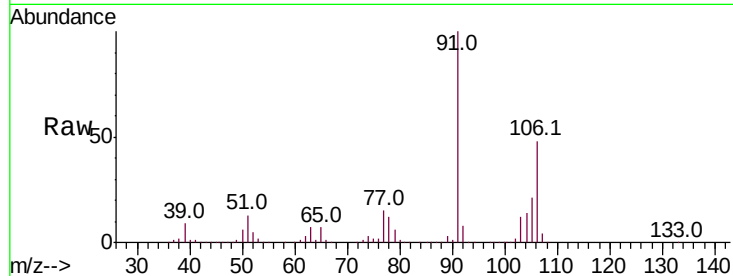
#69
o-Xylene
Concen: 48.898 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 198266
Ion Ratio Lower Upper
106 100
91 204.8 102.7 308.1

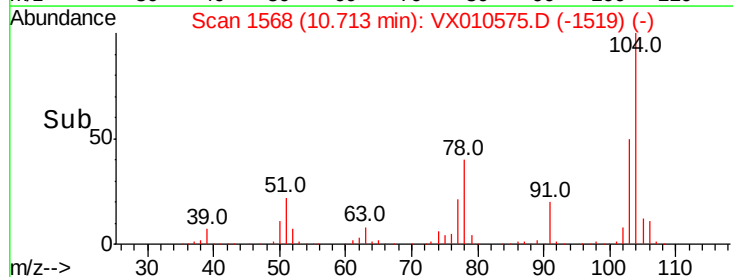
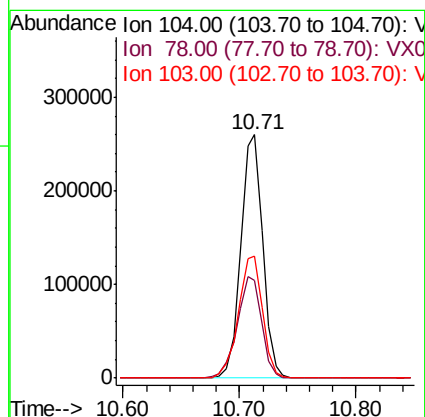
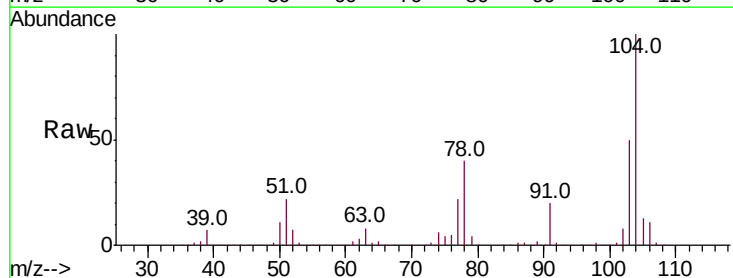
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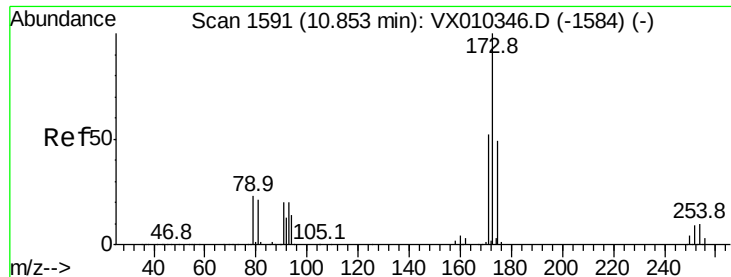
MMDadoda
7/1/2019 10:40:37 AM



#70
Styrene
Concen: 50.093 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion:104 Resp: 340624
Ion Ratio Lower Upper
104 100
78 46.2 36.2 54.2
103 55.3 44.2 66.4





#71

Bromoform

Concen: 46.697 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 93234

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.3

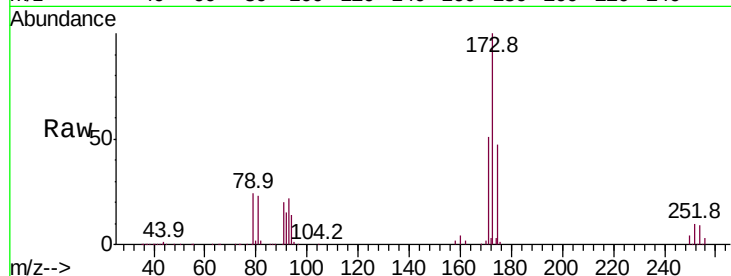
254 0.2 0.2 0.2

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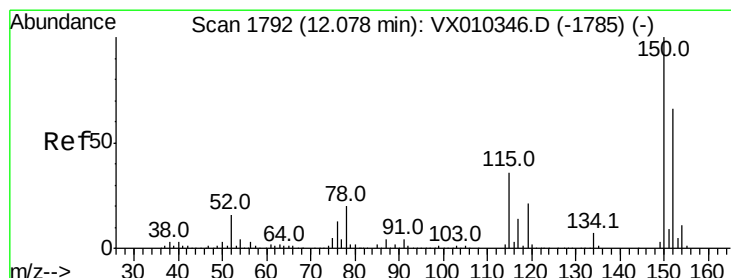
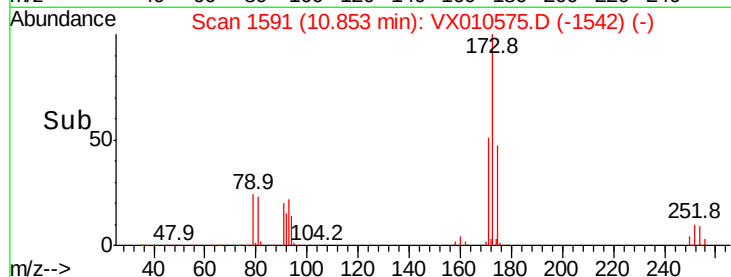
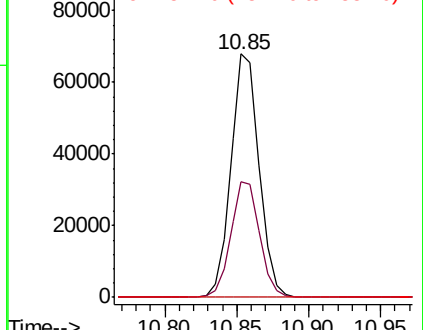
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX010575.D

Acq: 29 Jun 2019 07:45

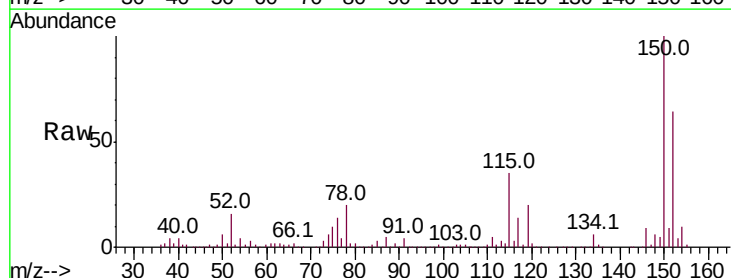
Tgt Ion:152 Resp: 163981

Ion Ratio Lower Upper

152 100

115 77.1 38.6 115.7

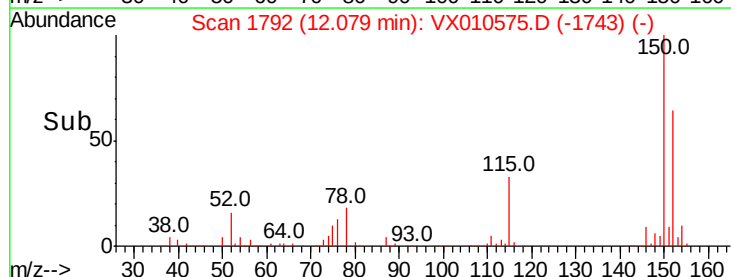
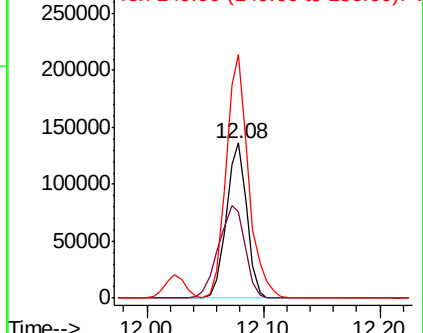
150 172.2 0.0 347.4

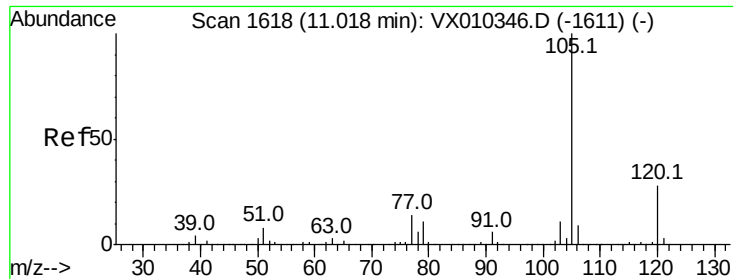


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.241 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 525128

Ion Ratio Lower Upper

105 100

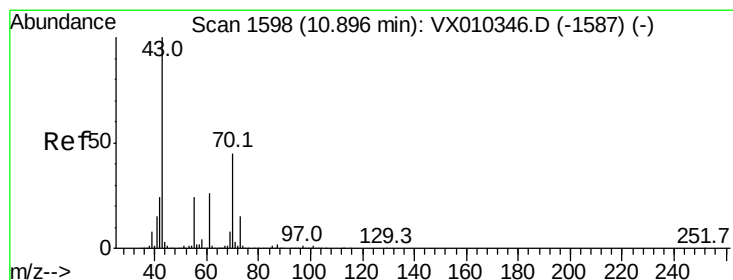
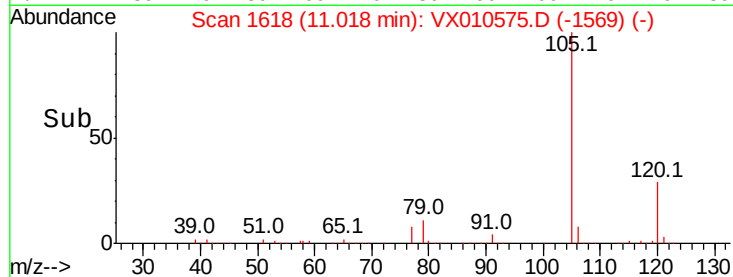
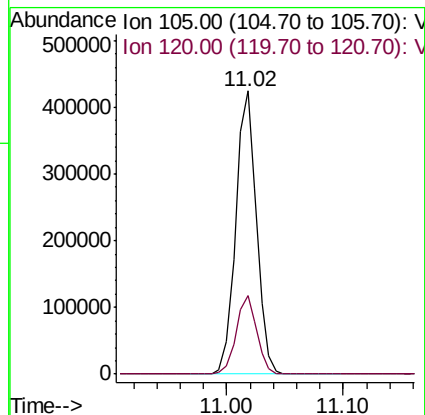
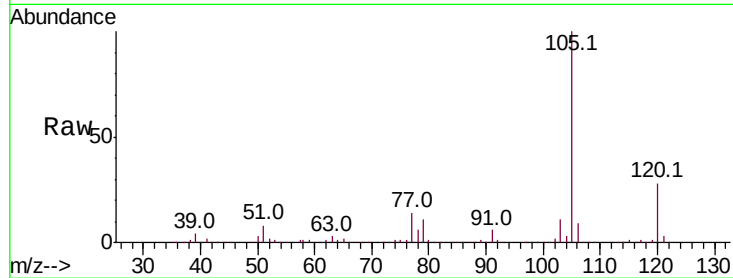
120 27.5 14.1 42.4

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#74

N-ethyl acetate

Concen: 52.164 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Tgt Ion: 43 Resp: 219139

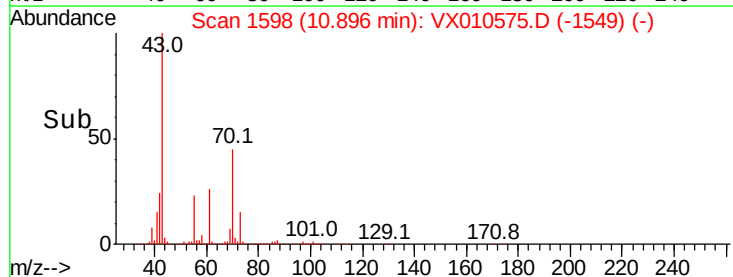
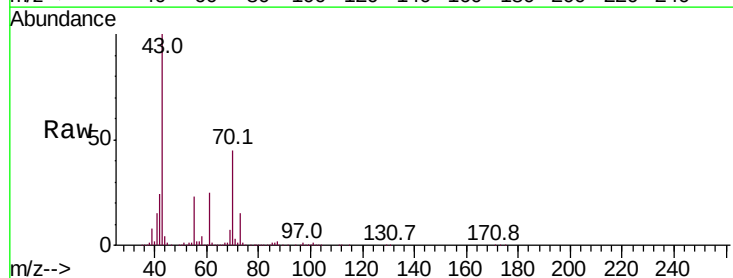
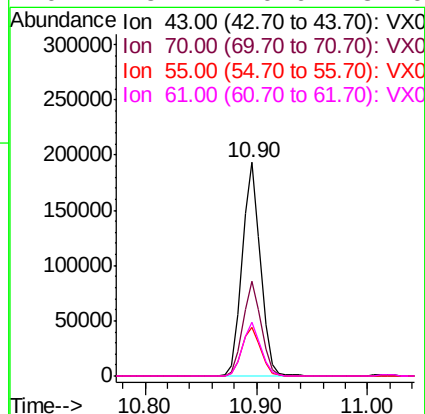
Ion Ratio Lower Upper

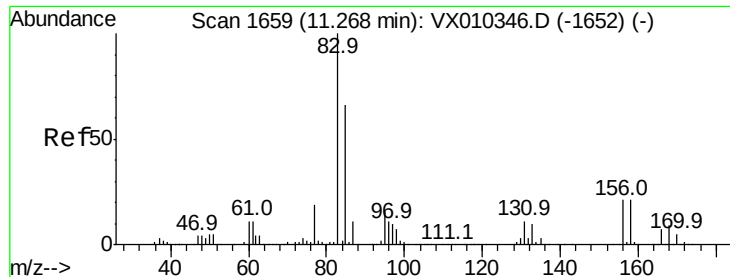
43 100

70 44.4 36.6 54.8

55 24.0 18.7 28.1

61 25.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.026 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 180478

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

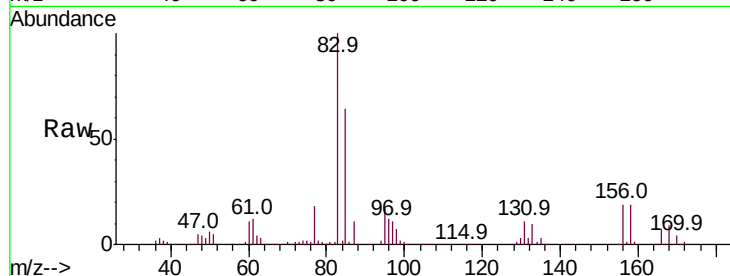
85 64.5 32.3 96.8

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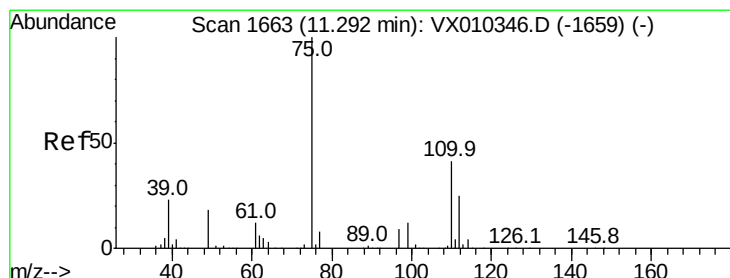
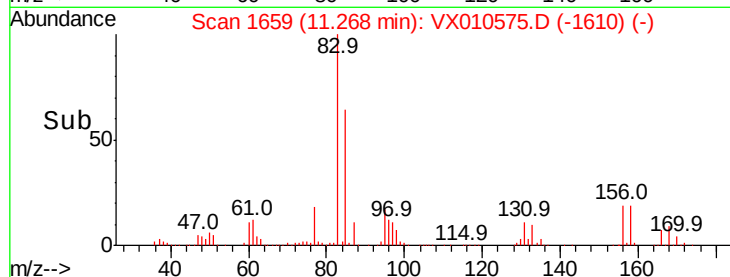
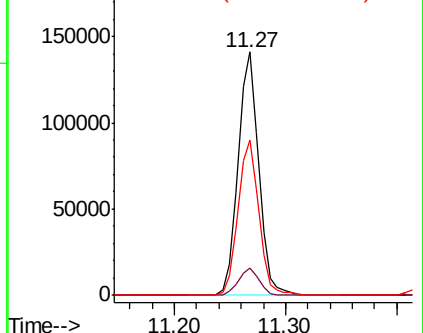
7/1/2019 10:40:37 AM



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: 48.958 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010575.D

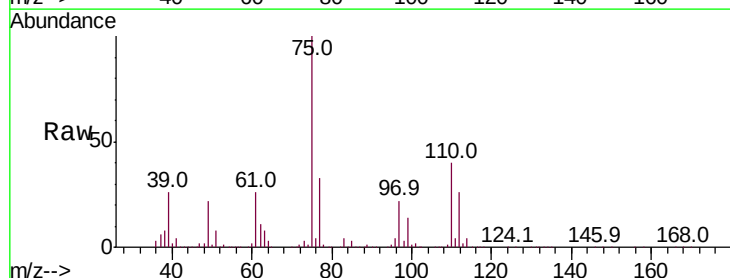
Acq: 29 Jun 2019 07:45

Tgt Ion: 75 Resp: 146296

Ion Ratio Lower Upper

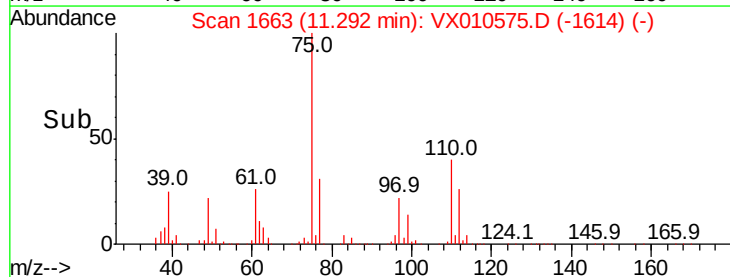
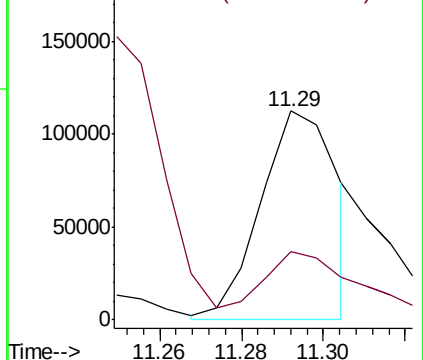
75 100

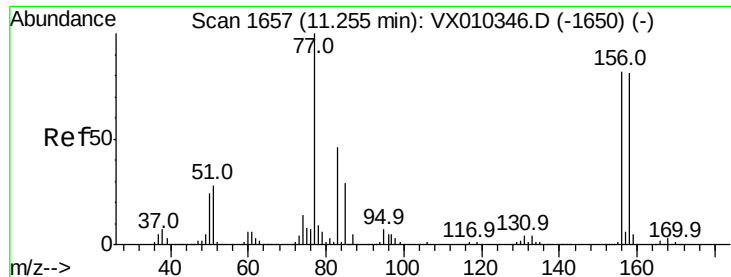
77 41.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.577 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 144569

Ion Ratio Lower Upper

156 100

77 134.7 66.3 198.7

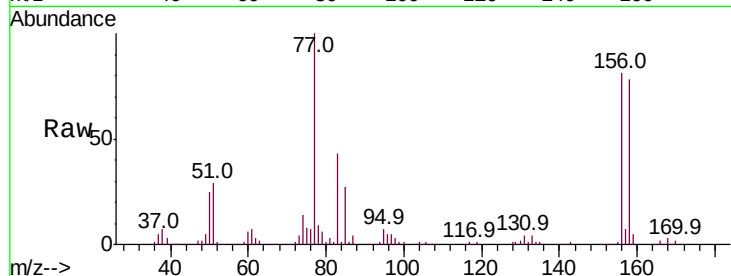
158 98.6 48.9 146.7

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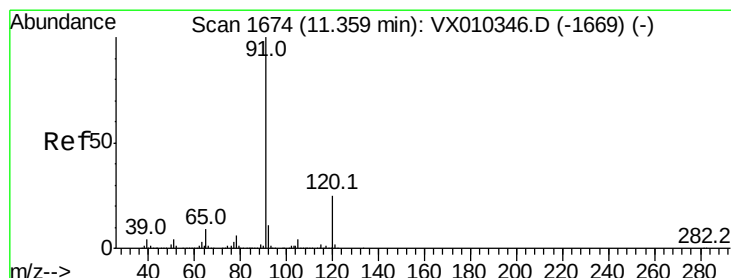
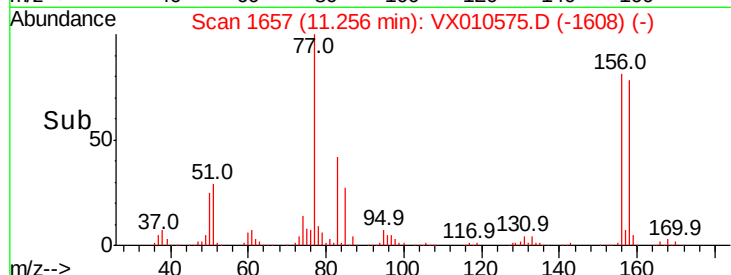
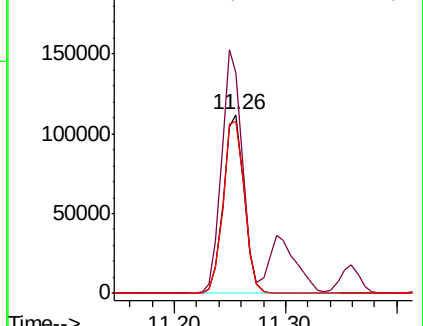
7/1/2019 10:40:37 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.619 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010575.D

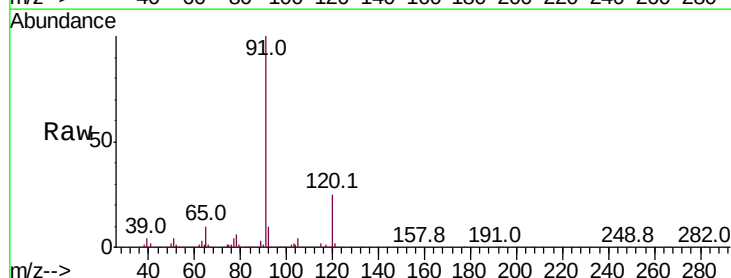
Acq: 29 Jun 2019 07:45

Tgt Ion: 91 Resp: 581753

Ion Ratio Lower Upper

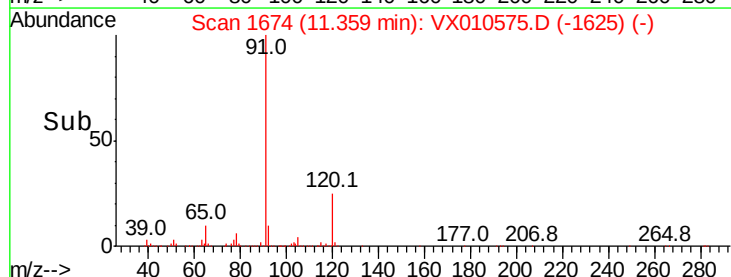
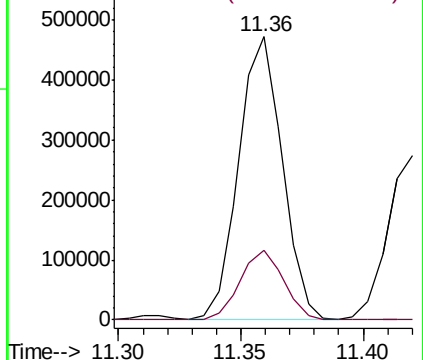
91 100

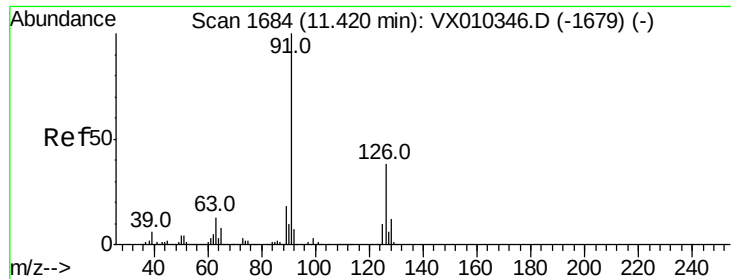
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.652 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 346663

Ion Ratio Lower Upper

91 100

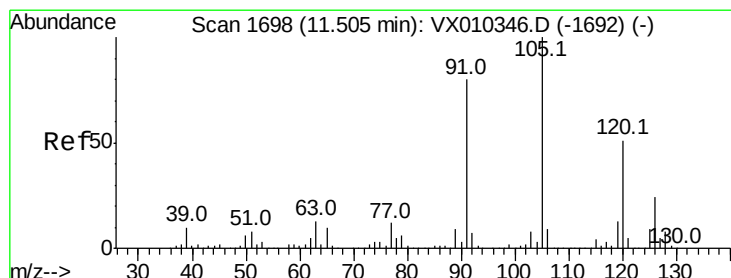
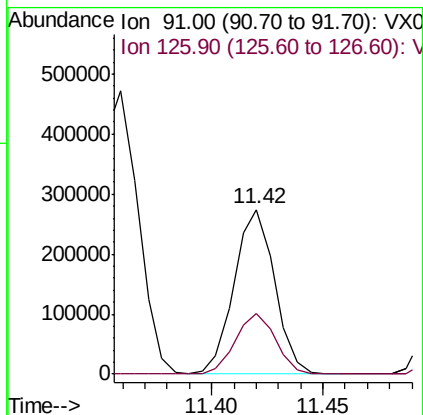
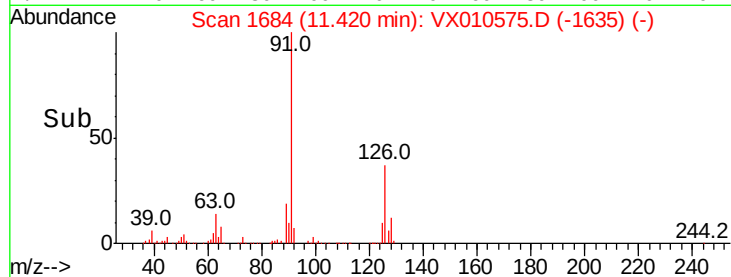
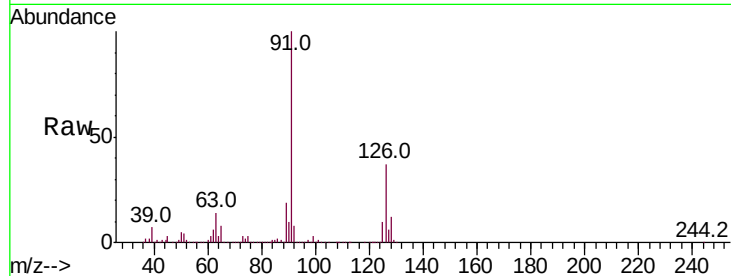
126 36.7 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 47.729 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010575.D

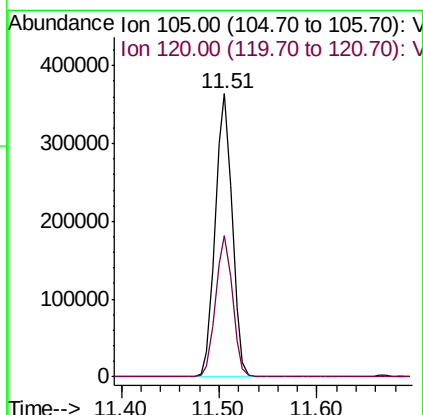
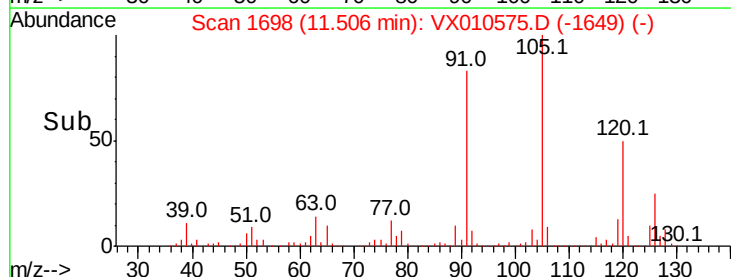
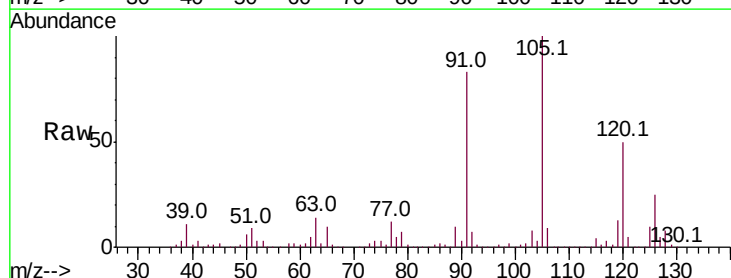
Acq: 29 Jun 2019 07:45

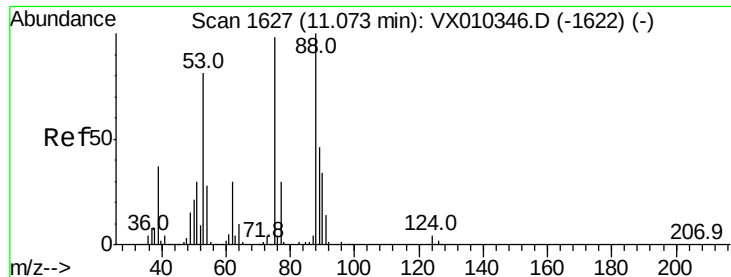
Tgt Ion: 105 Resp: 437379

Ion Ratio Lower Upper

105 100

120 49.9 25.2 75.6





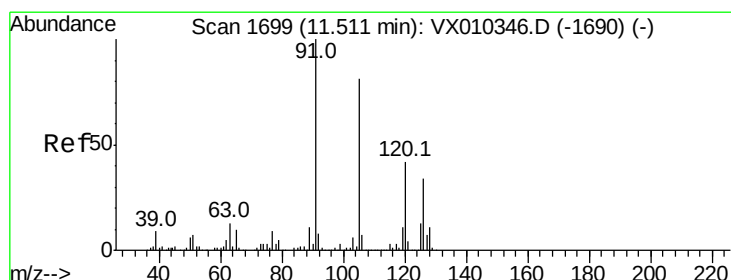
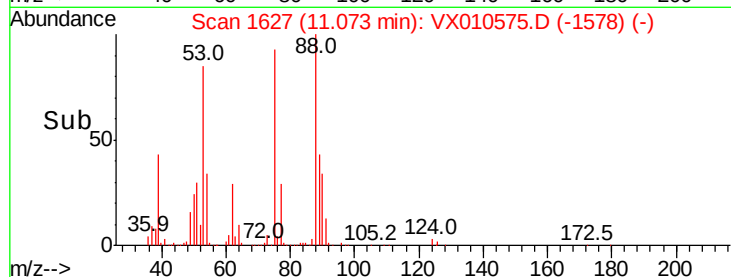
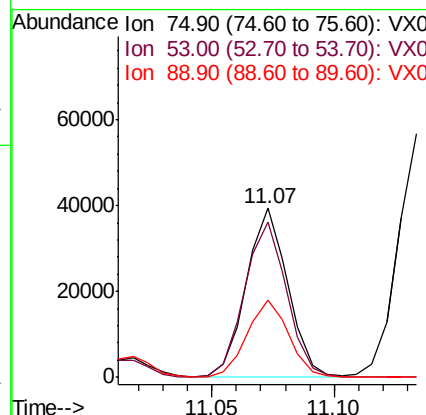
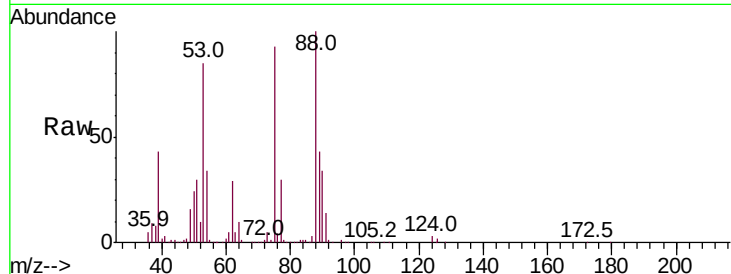
#81
trans-1,4-Dichloro-2-butene
Concen: 36.005 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	66.1	99.1
89	46.7	37.8	56.6

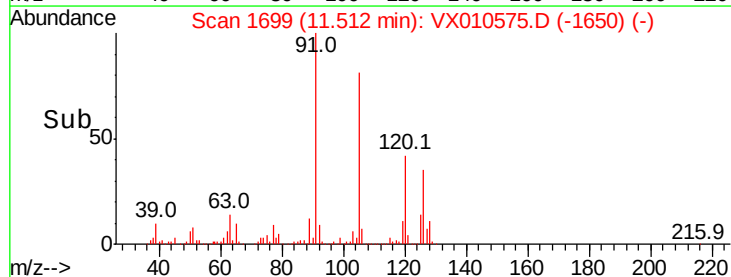
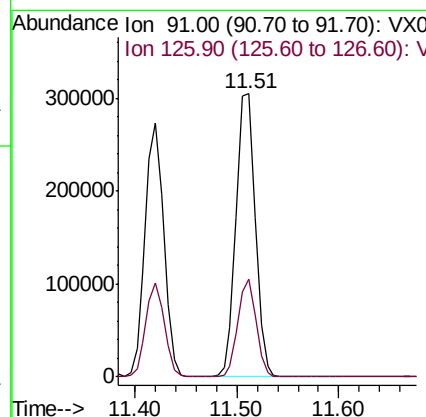
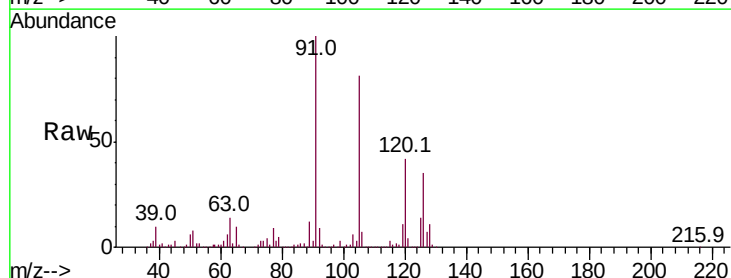
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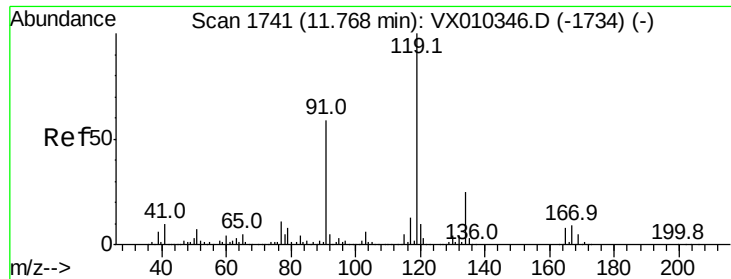
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.055 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.2	48.6





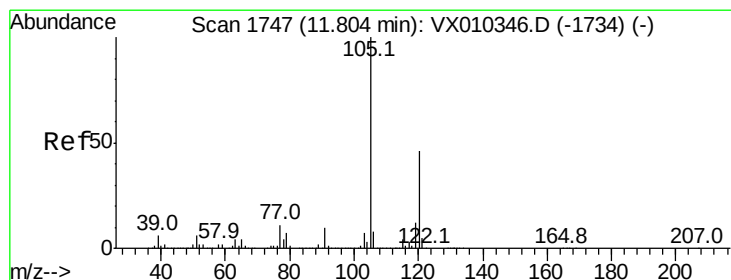
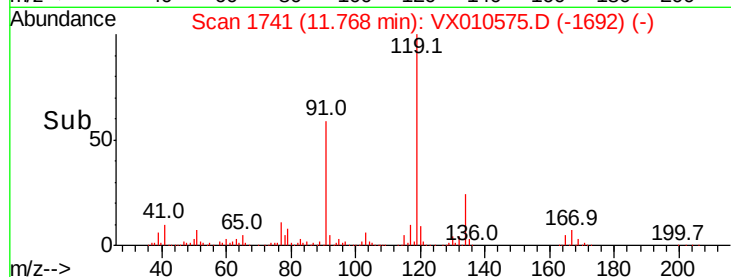
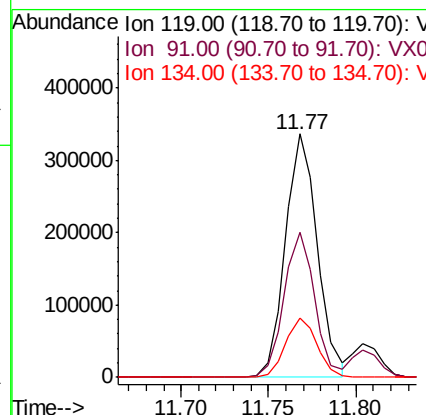
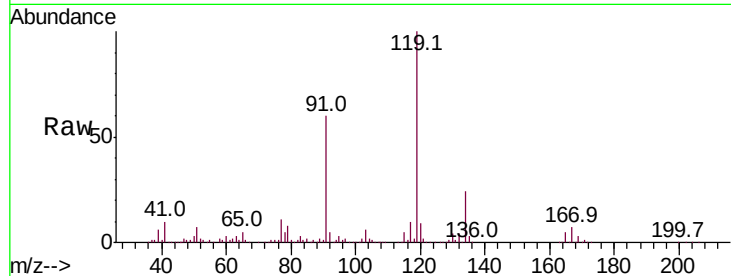
#83
tert-Butylbenzene
Concen: 46.701 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	27.6	82.7
134	23.9	11.8	35.4

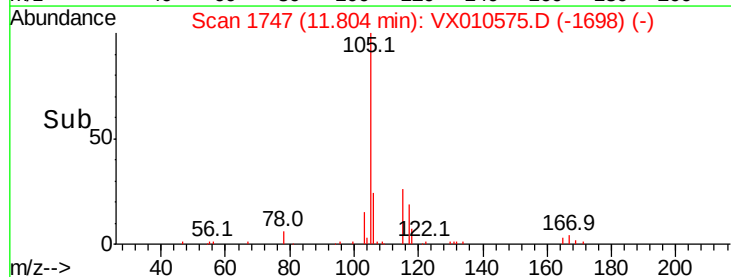
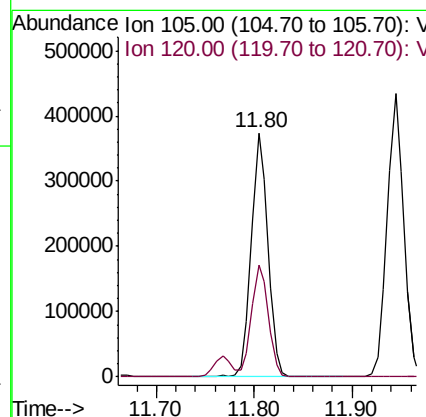
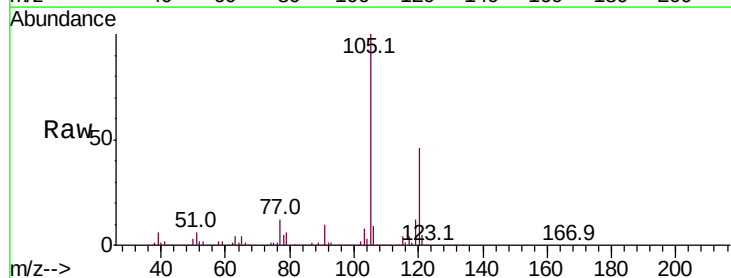
Manual Integrations
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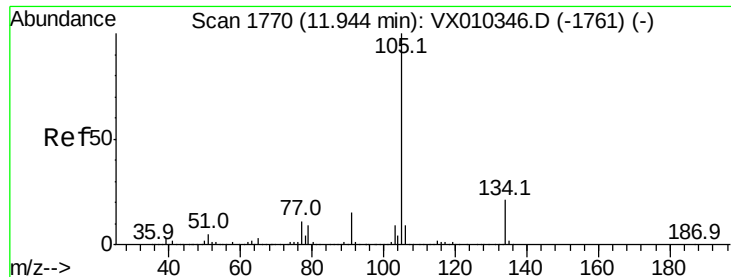
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#84
1,2,4-Trimethylbenzene
Concen: 48.132 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 47.424 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 512135

Ion Ratio Lower Upper

105 100

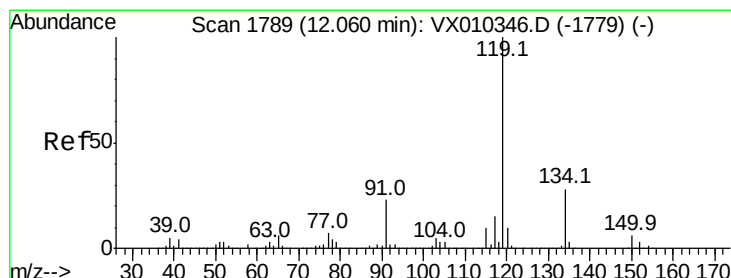
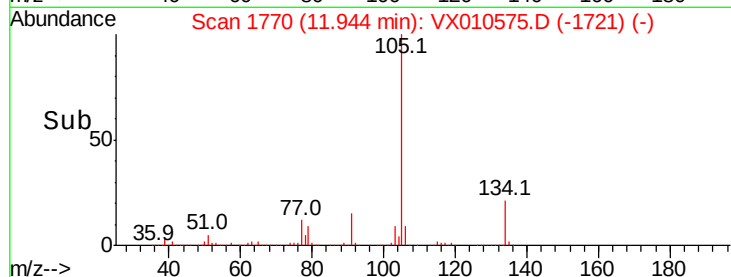
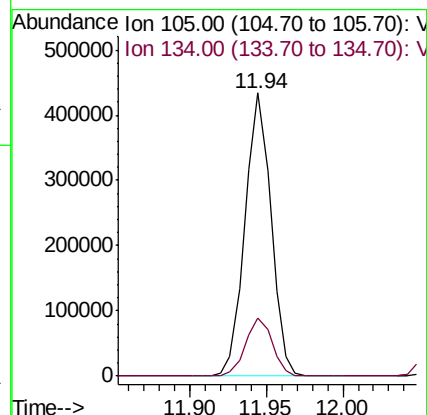
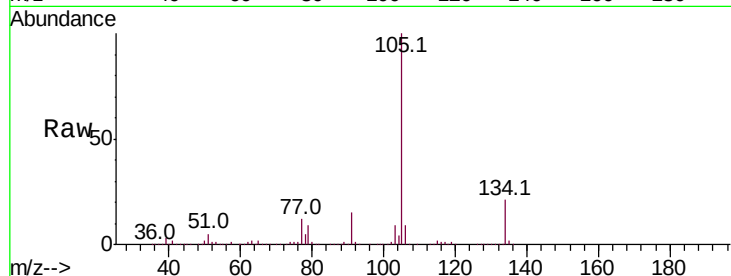
134 21.2 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 47.492 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

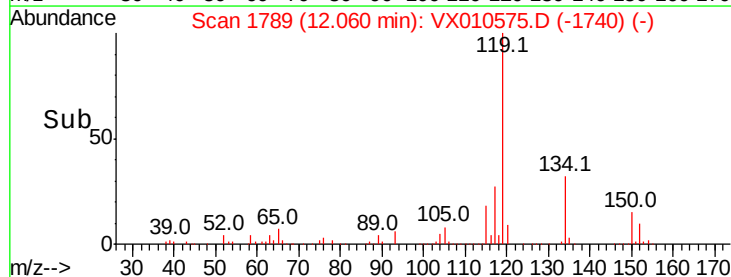
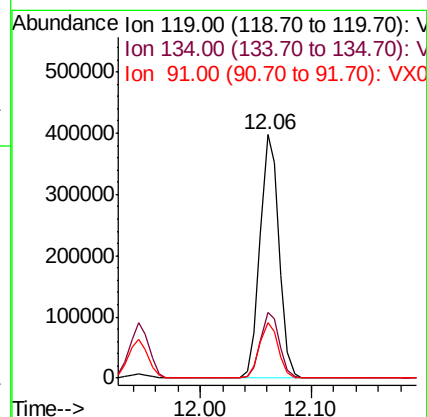
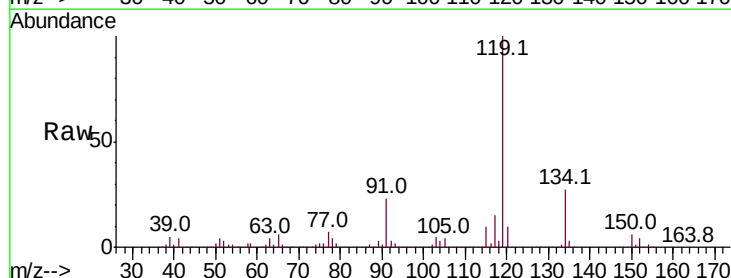
Tgt Ion:119 Resp: 474394

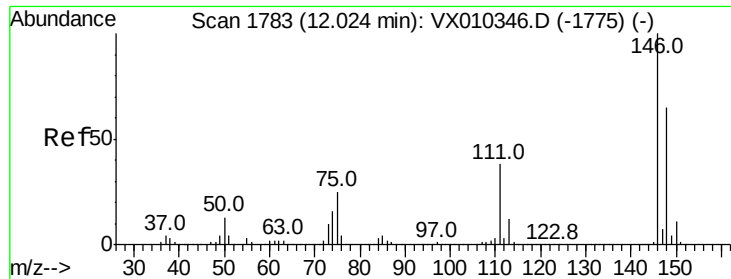
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.5 11.3 33.8





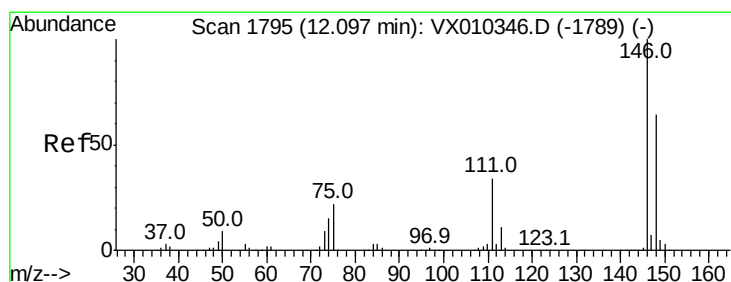
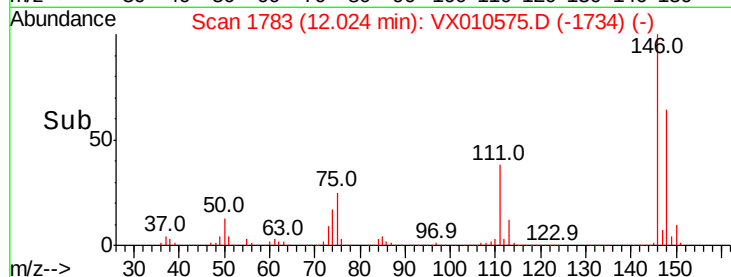
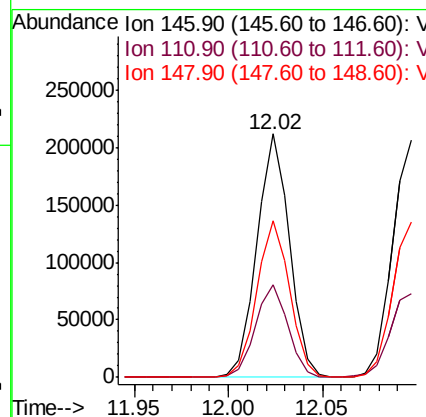
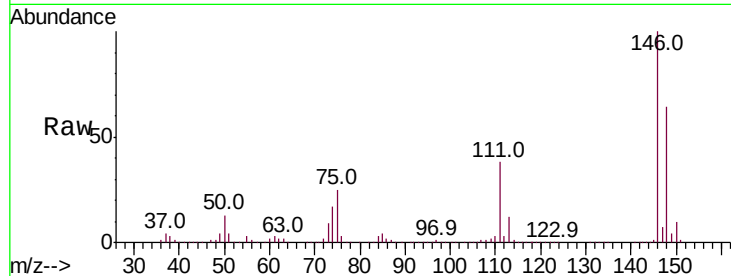
#87
 1,3-Dichlorobenzene
 Concen: 46.757 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.8	32.5	97.4

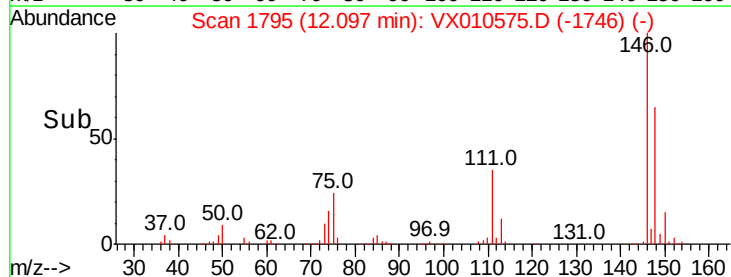
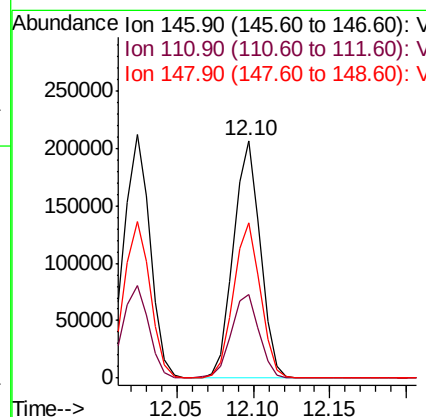
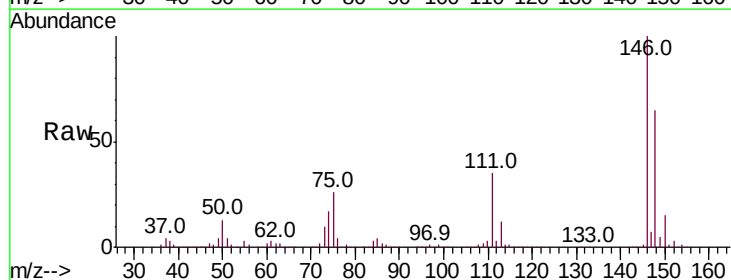
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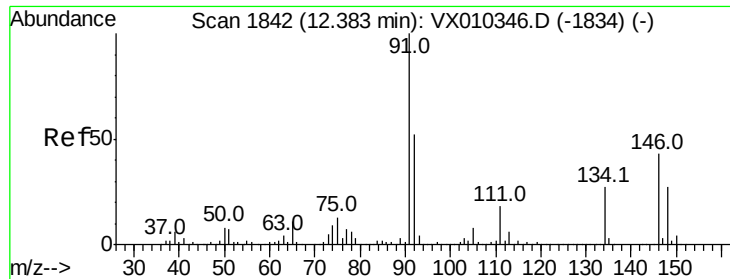
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#88
 1,4-Dichlorobenzene
 Concen: 45.507 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.3
148	65.4	32.1	96.3





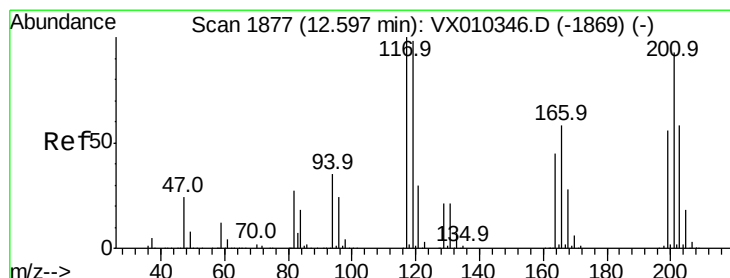
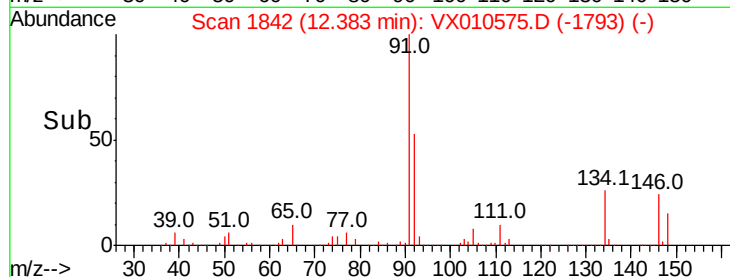
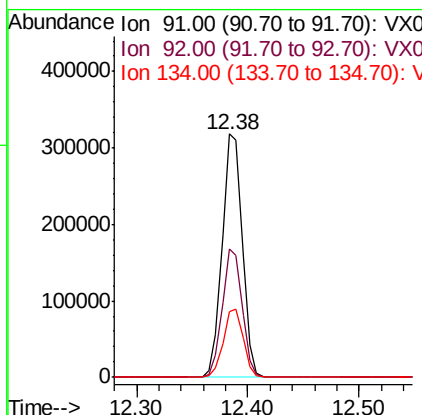
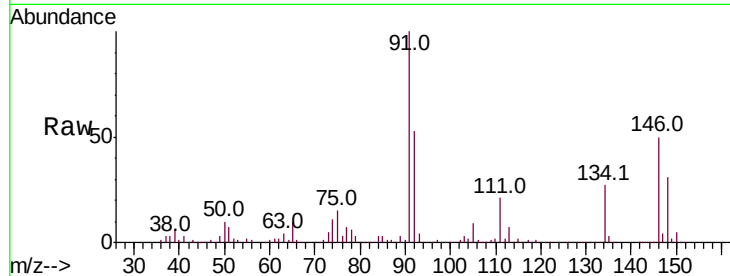
#89
n-Butylbenzene
Concen: 46.794 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	28.0	14.1	42.4

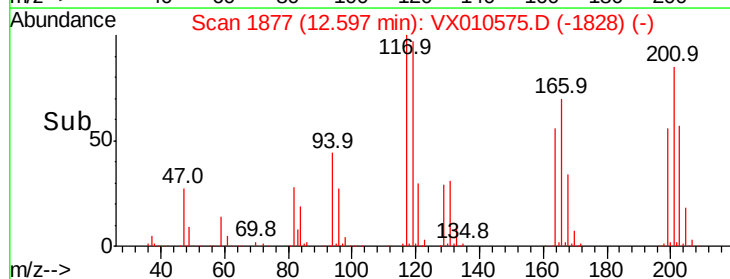
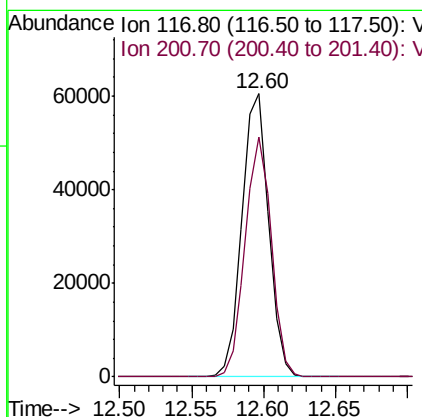
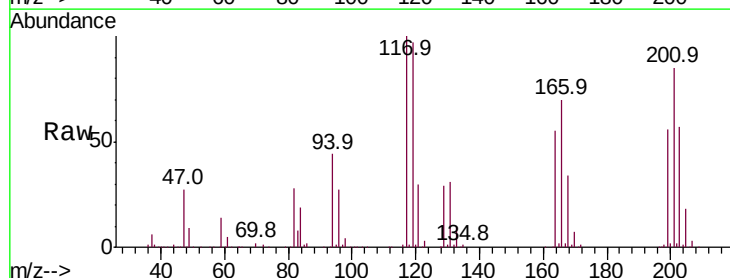
Manual Integrations
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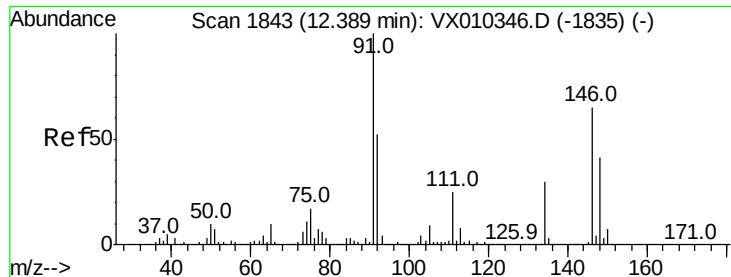
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#90
Hexachloroethane
Concen: 44.990 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010575.D
Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.9	44.0	131.8





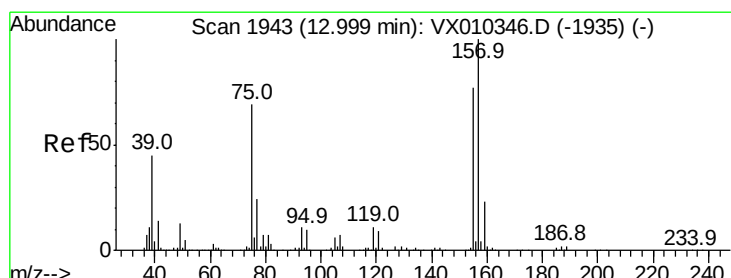
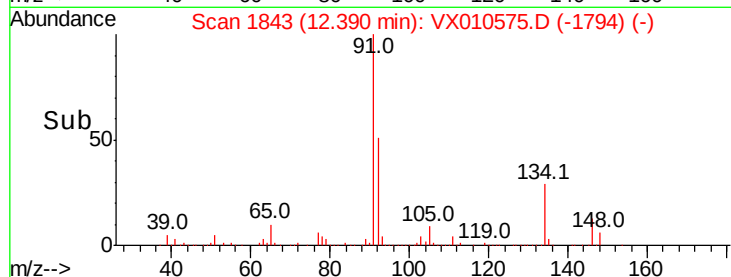
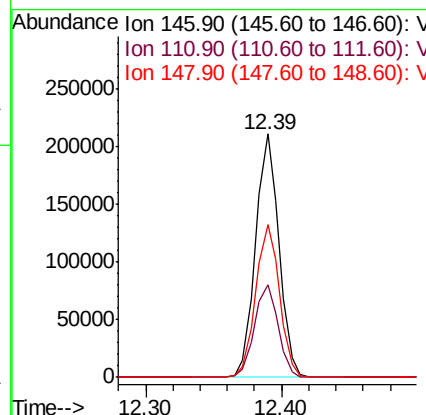
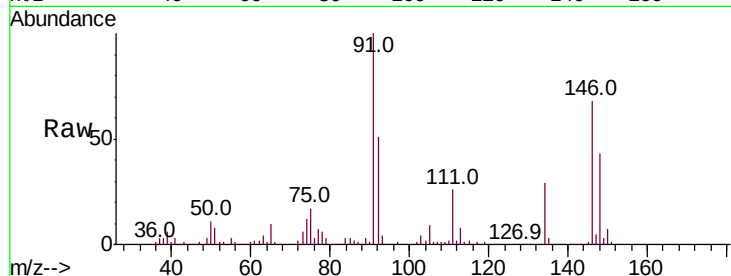
#91
 1,2-Dichlorobenzene
 Concen: 47.367 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.2	57.6
148	64.1	32.0	96.0

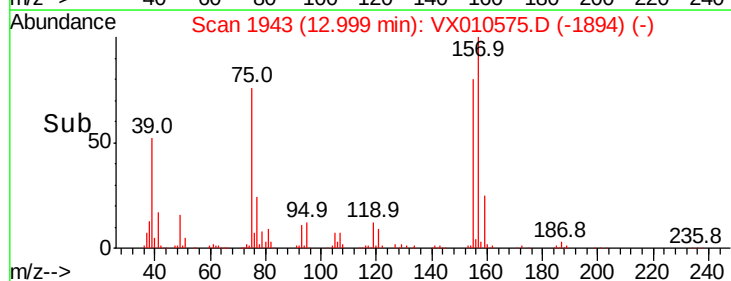
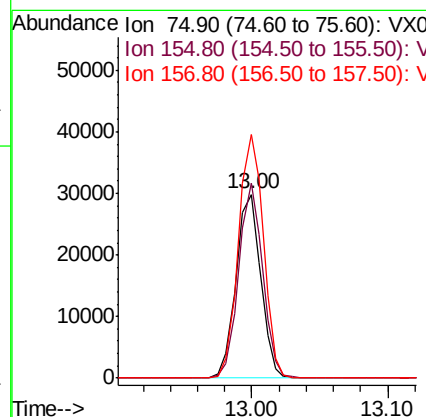
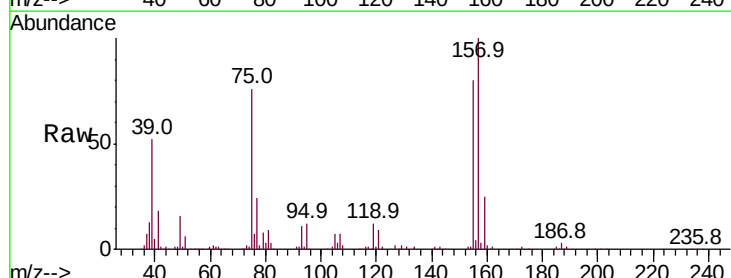
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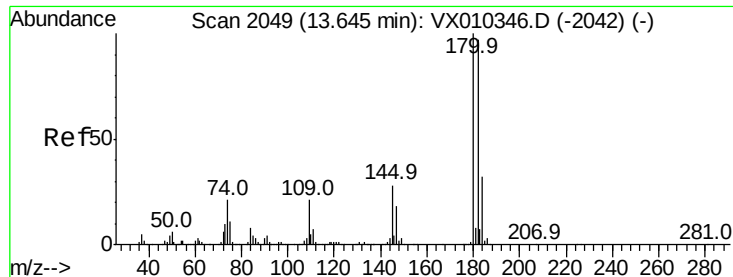
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.826 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010575.D
 Acq: 29 Jun 2019 07:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.0	54.4	163.1
157	133.0	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 46.713 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

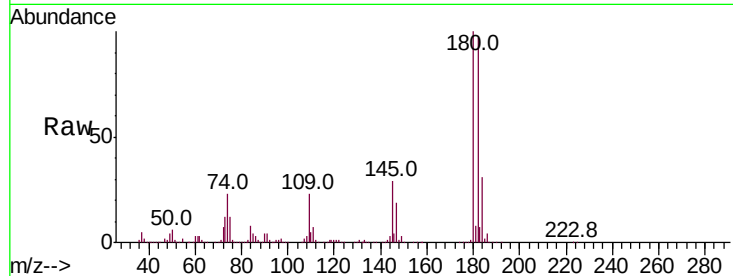
ClientSampleId :

VSTDCCC050EC

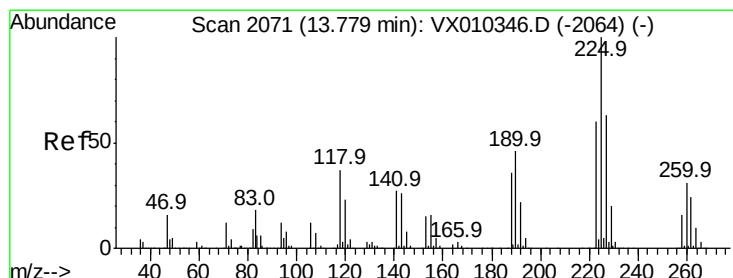
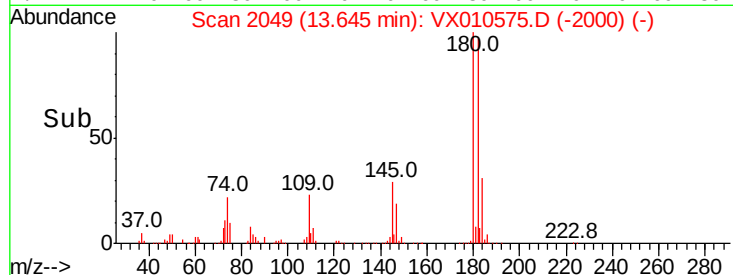
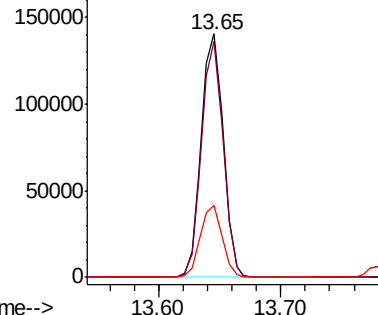
Tot Ion:	180	Resp:	174439
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.0
145	29.3	14.4	43.4

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



#94

Hexachlorobutadiene

Concen: 45.080 ug/l

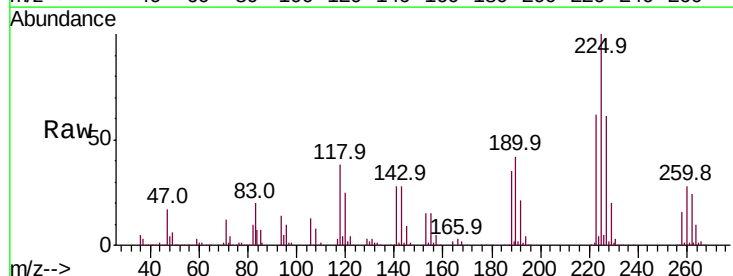
RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

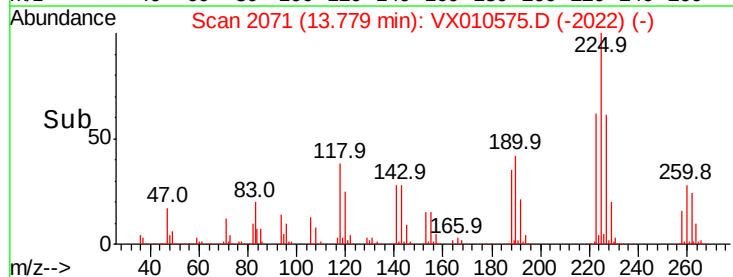
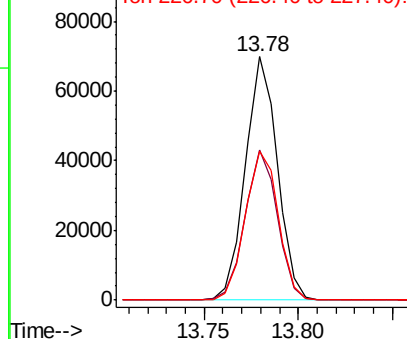
Lab File: VX010575.D

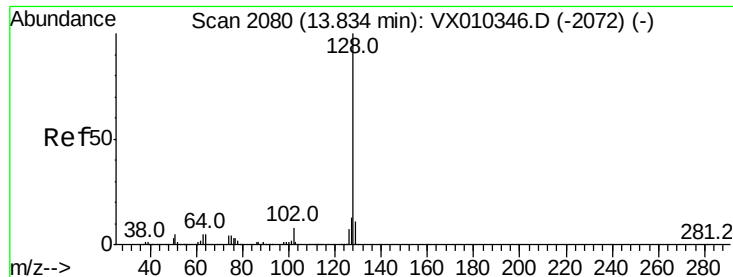
Acq: 29 Jun 2019 07:45

Tgt Ion:	225	Resp:	82274
Ion Ratio	Lower	Upper	
225	100		
223	62.0	30.9	92.7
227	63.2	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.198 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Instrument :

MSVOA_X

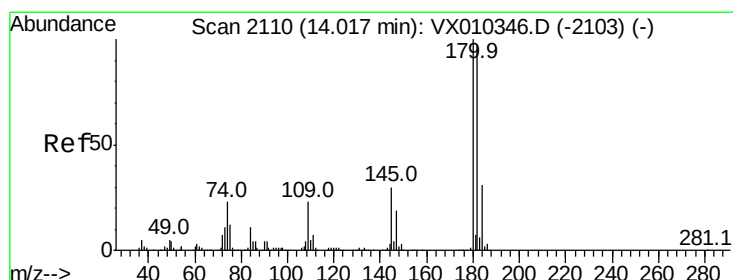
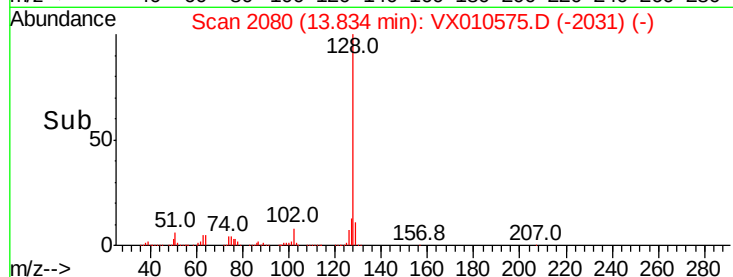
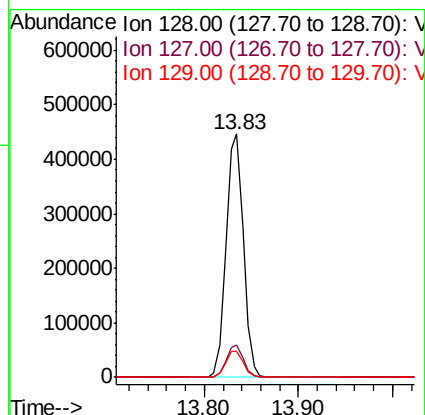
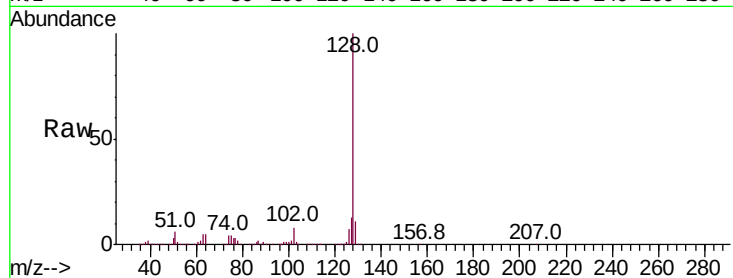
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	564574
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/1/2019 10:40:37 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.950 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010575.D

Acq: 29 Jun 2019 07:45

Tgt Ion:	180	Resp:	178029
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.8	143.3
145	30.8	15.2	45.6

