

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070119\
 Data File : VX010577.D
 Acq On : 01 Jul 2019 09:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 9:55:03 AM

Quant Time: Jul 02 05:11:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	378504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178215	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120474	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	5.49	113	117955	50.93	ug/l	-0.01
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	8.71	98	439132	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	159537	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	80999	44.738	ug/l	99
3) Chloromethane	1.32	50	90510	42.931	ug/l	100
4) Vinyl Chloride	1.41	62	99699	43.175	ug/l	99
5) Bromomethane	1.64	94	53923	47.932	ug/l	99
6) Chloroethane	1.71	64	64059	47.021	ug/l	95
7) Trichlorofluoromethane	1.92	101	179384	49.005	ug/l	98
8) Diethyl Ether	2.19	74	64701	49.287	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107378	48.405	ug/l	100
10) Methyl Iodide	2.51	142	153119	48.366	ug/l	98
11) Tert butyl alcohol	3.05	59	129734	203.054	ug/l	98
12) 1,1-Dichloroethene	2.37	96	102681	45.489	ug/l	98
13) Acrolein	2.29	56	108543	256.094	ug/l	98
14) Allyl chloride	2.73	41	154093	48.084	ug/l	99
15) Acrylonitrile	3.14	53	304874	241.011	ug/l	100
16) Acetone	2.44	43	357458	292.110	ug/l	96
17) Carbon Disulfide	2.57	76	246327	40.675	ug/l	99
18) Methyl Acetate	2.77	43	120717	49.496	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	350449	49.351	ug/l	100
20) Methylene Chloride	2.85	84	120073	47.680	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	112806	46.466	ug/l	98
22) Diisopropyl ether	3.85	45	328135	48.973	ug/l	91
23) Vinyl Acetate	3.81	43	1449432	250.407	ug/l	100
24) 1,1-Dichloroethane	3.70	63	186477	48.148	ug/l	99
25) 2-Butanone	4.67	43	467282	260.320	ug/l	100
26) 2,2-Dichloropropane	4.58	77	165668	49.241	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	133384	47.545	ug/l	98
28) Bromochloromethane	5.01	49	86075	46.483	ug/l	98
29) Tetrahydrofuran	5.12	42	260268	234.085	ug/l	99
30) Chloroform	5.20	83	200826	48.193	ug/l	98
31) Cyclohexane	5.57	56	162869	46.179	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	180711	49.112	ug/l	100
36) 1,1-Dichloropropene	5.79	75	146263	48.628	ug/l	98
37) Ethyl Acetate	4.83	43	155127	50.133	ug/l	100
38) Carbon Tetrachloride	5.78	117	162537	49.903	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190872	48.277	ug/l	98
40) Benzene	6.13	78	455580	48.617	ug/l	99
41) Methacrylonitrile	5.04	41	83996	49.474	ug/l	99
42) 1,2-Dichloroethane	6.19	62	149084	52.265	ug/l	98
43) Isopropyl Acetate	6.44	43	258234	50.442	ug/l	98
44) Trichloroethene	7.21	130	138311	49.327	ug/l	99
45) 1,2-Dichloropropane	7.51	63	116966	49.428	ug/l	98
46) Dibromomethane	7.66	93	84436	49.732	ug/l	99
47) Bromodichloromethane	7.90	83	159777	51.351	ug/l	99
48) Methyl methacrylate	7.76	41	120920	50.815	ug/l	99
49) 1,4-Dioxane	7.74	88	60699	885.468	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	820550	250.610	ug/l	99
52) Toluene	8.78	92	301910	48.924	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	177860	50.986	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	193441	51.028	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	128189	50.368	ug/l	99
56) Ethyl methacrylate	9.18	69	195061	50.594	ug/l	97
57) 1,3-Dichloropropane	9.37	76	196252	49.676	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	471526	257.520	ug/l	100
59) 2-Hexanone	9.49	43	661811	256.822	ug/l	99
60) Dibromochloromethane	9.58	129	146429	51.386	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137814	50.168	ug/l	99
64) Tetrachloroethene	9.34	164	135802	48.895	ug/l	97
65) Chlorobenzene	10.13	112	345934	49.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	132511	52.183	ug/l	99
67) Ethyl Benzene	10.25	91	590299	50.156	ug/l	100
68) m/p-Xylenes	10.35	106	461096	101.110	ug/l	100
69) o-Xylene	10.69	106	223992	49.946	ug/l	100
70) Styrene	10.71	104	386757	51.424	ug/l	99
71) Bromoform	10.85	173	113533	51.412	ug/l #	98
73) Isopropylbenzene	11.02	105	601533	49.793	ug/l	99
74) N-amyl acetate	10.90	43	231316	50.665	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	192258	48.055	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	164882m	50.771	ug/l	
77) Bromobenzene	11.25	156	163375	48.432	ug/l	98
78) n-propylbenzene	11.36	91	677842	51.053	ug/l	100
79) 2-Chlorotoluene	11.42	91	389859	49.310	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	500613	50.267	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67851	48.741	ug/l	96
82) 4-Chlorotoluene	11.51	91	457125	50.811	ug/l	100
83) tert-Butylbenzene	11.77	119	503545	50.375	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	505336	50.504	ug/l	99
85) sec-Butylbenzene	11.94	105	603418	51.414	ug/l	99
86) p-Isopropyltoluene	12.06	119	556479	51.261	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	292618	49.695	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	292545	48.801	ug/l	100
89) n-Butylbenzene	12.38	91	491141	53.241	ug/l	100
90) Hexachloroethane	12.59	117	94837	50.522	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	281829	48.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41179	47.738	ug/l	93

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ClientSampleId :
VSTDCCC050

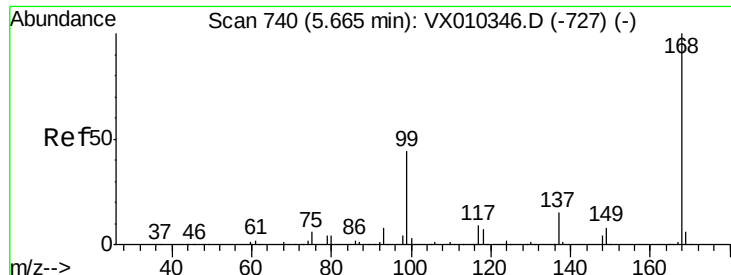
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	204144	50.301	ug/l	100
94) Hexachlorobutadiene	13.78	225	100906	50.873	ug/l	99
95) Naphthalene	13.83	128	620087	49.719	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	206225	51.107	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 260421

Ion Ratio Lower Upper

168 100

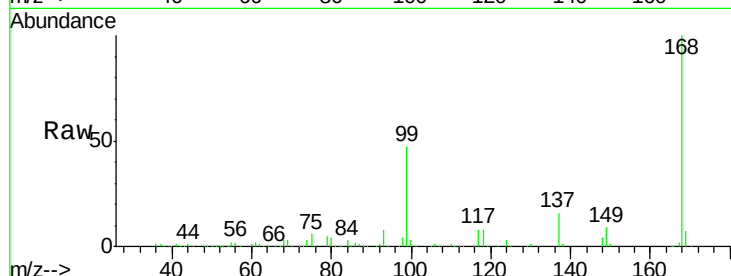
99 46.4 35.5 53.3

Manual Integrations

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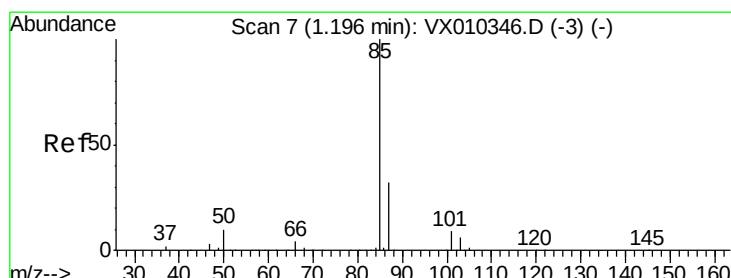
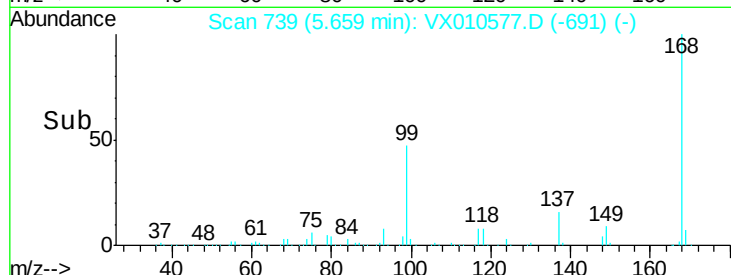
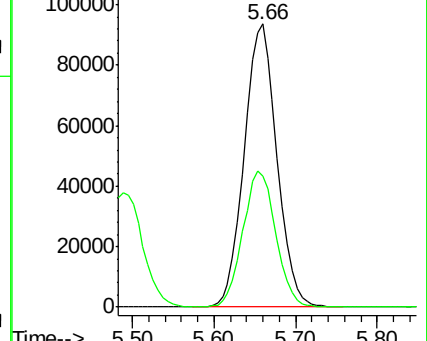
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.738 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010577.D

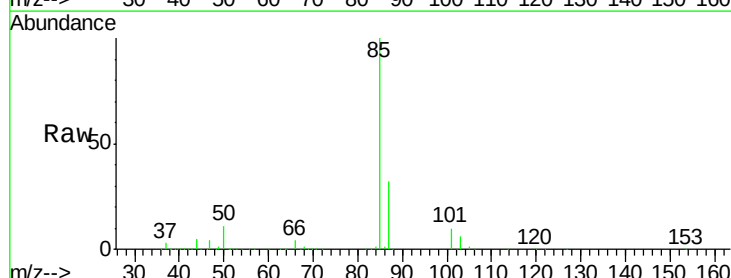
Acq: 01 Jul 2019 09:36

Tgt Ion: 85 Resp: 80999

Ion Ratio Lower Upper

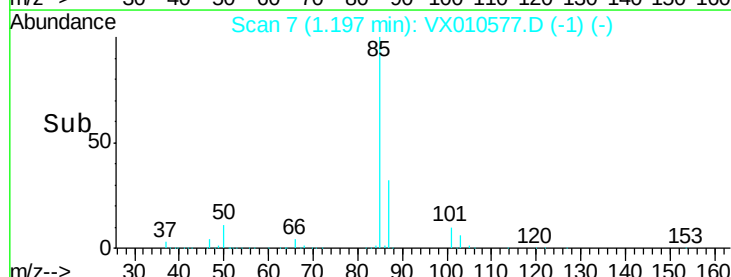
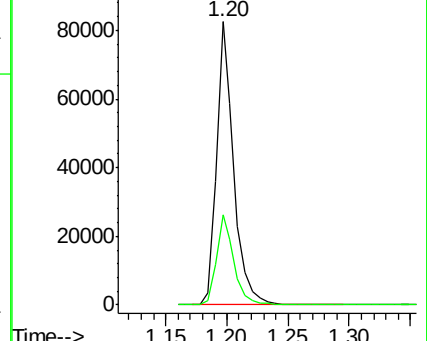
85 100

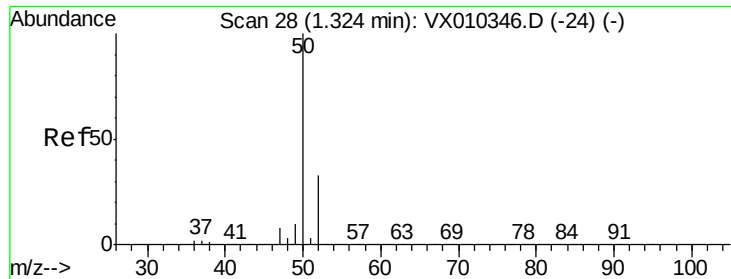
87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.931 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 90510

Ion Ratio Lower Upper

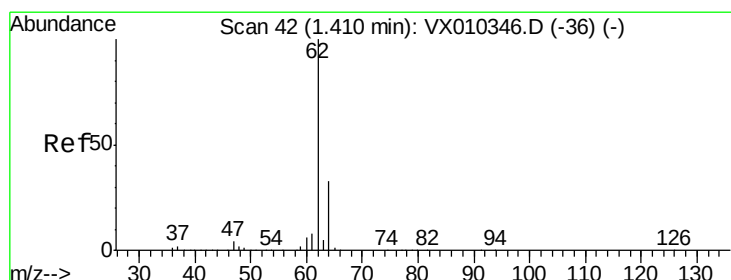
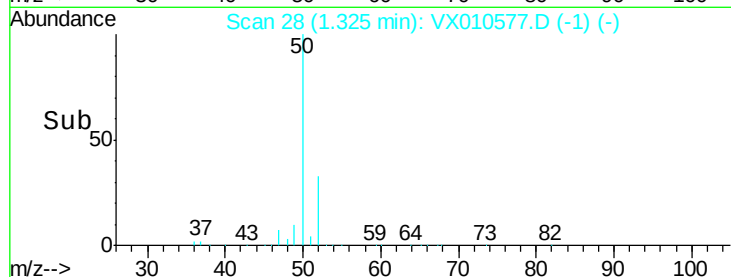
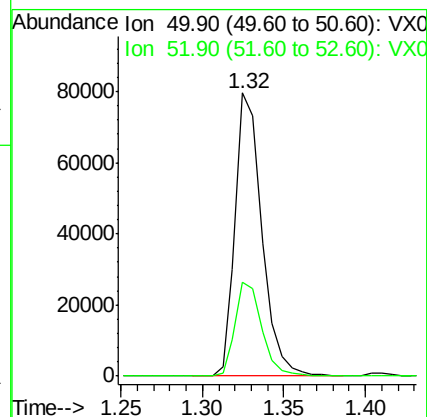
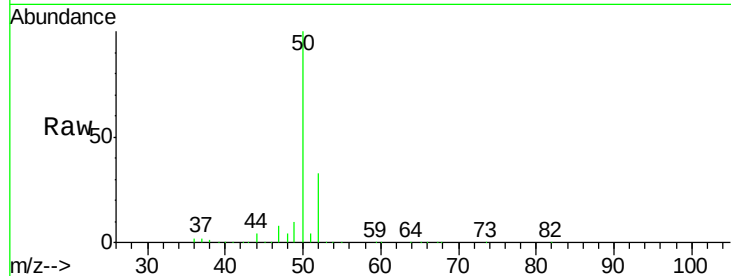
50 100

52 33.1 26.5 39.7

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#4

Vinyl Chloride

Concen: 43.175 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010577.D

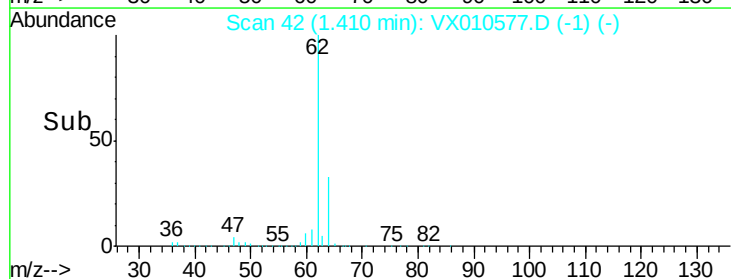
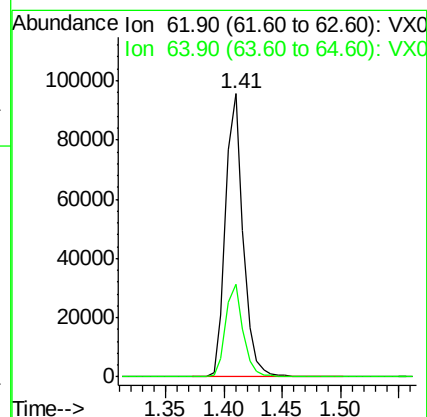
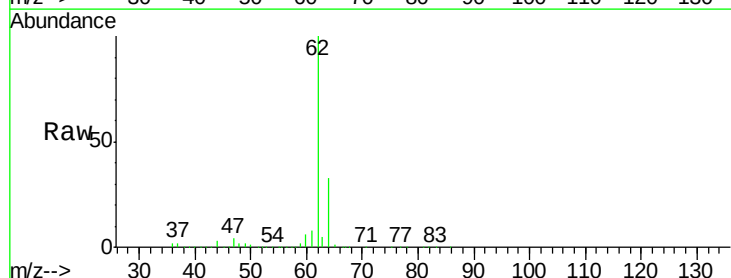
Acq: 01 Jul 2019 09:36

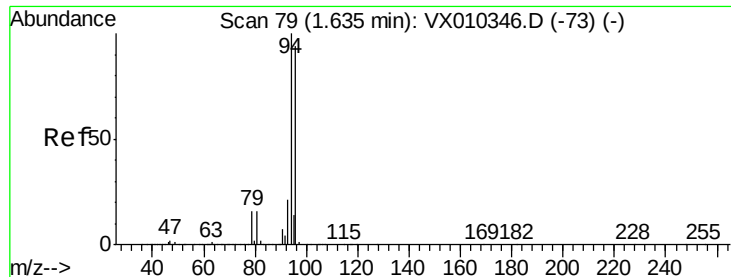
Tgt Ion: 62 Resp: 99699

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.4





#5

Bromomethane

Concen: 47.932 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 53923

Ion Ratio Lower Upper

94 100

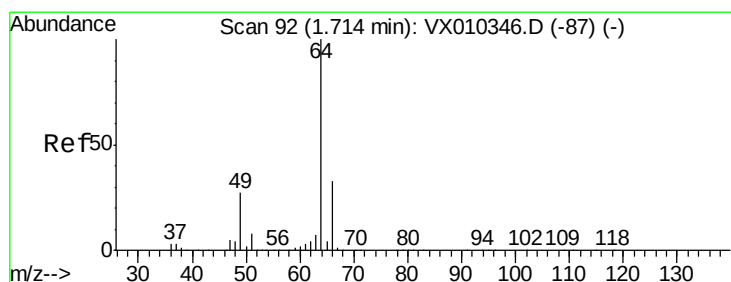
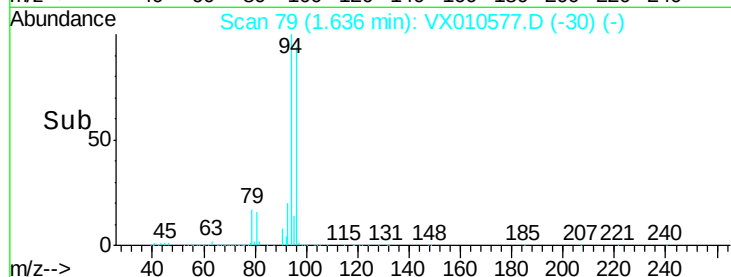
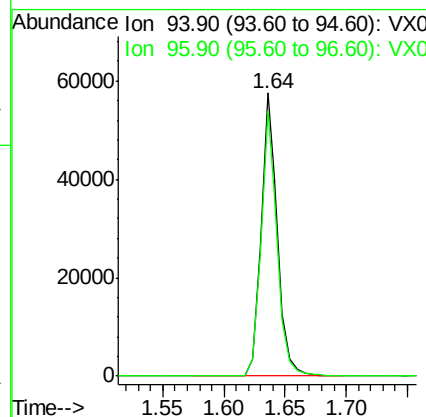
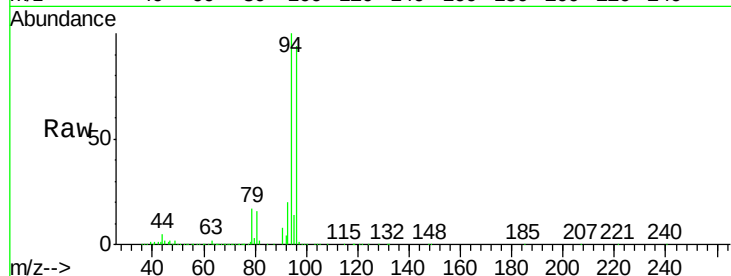
96 93.7 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 47.021 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010577.D

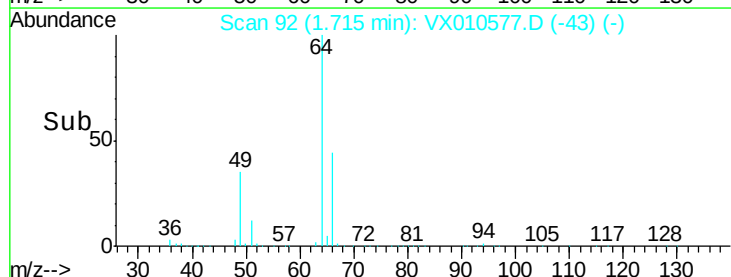
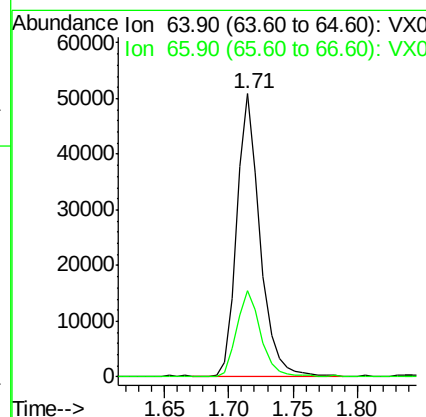
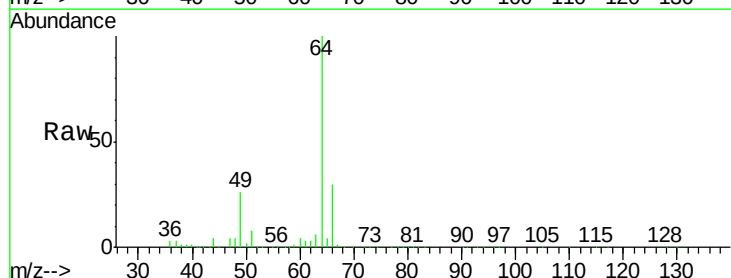
Acq: 01 Jul 2019 09:36

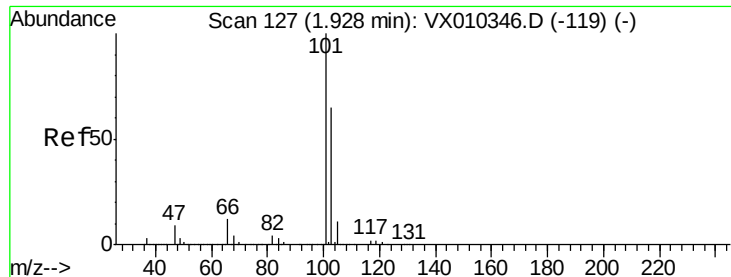
Tgt Ion: 64 Resp: 64059

Ion Ratio Lower Upper

64 100

66 30.2 26.6 40.0





#7

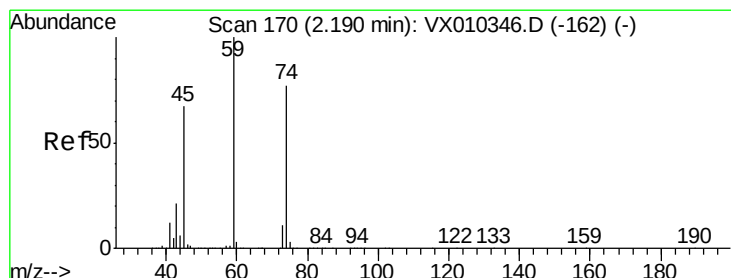
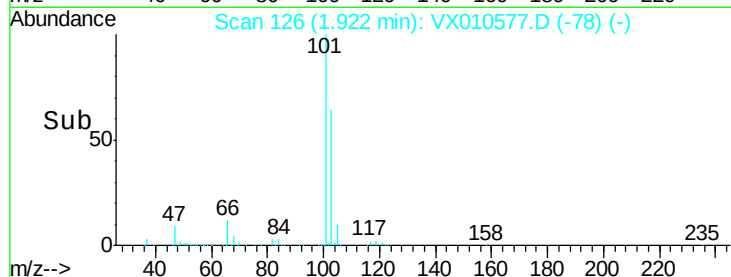
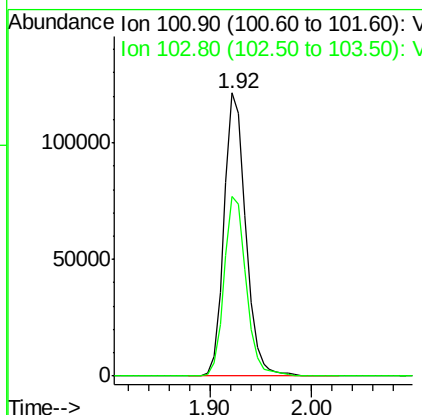
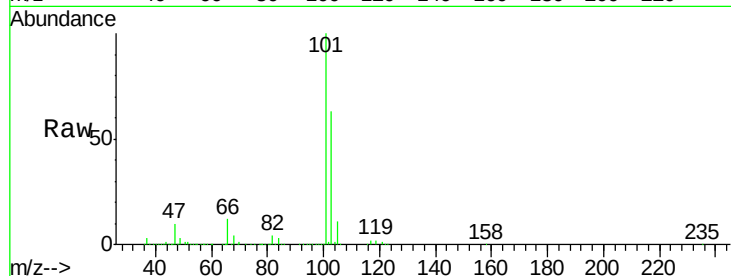
Trichlorofluoromethane
Concen: 49.005 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.3	78.5

Manual Integrations
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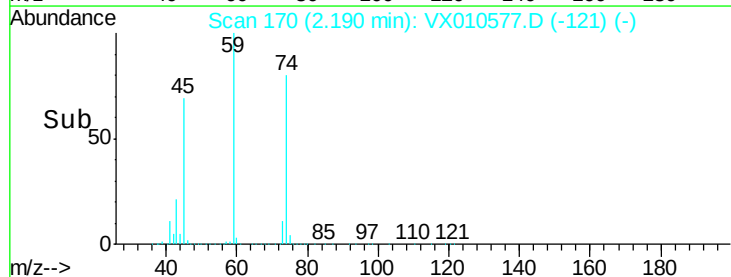
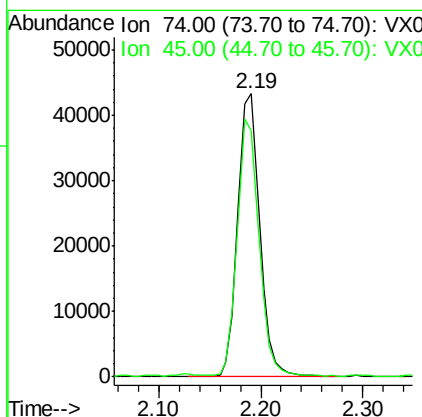
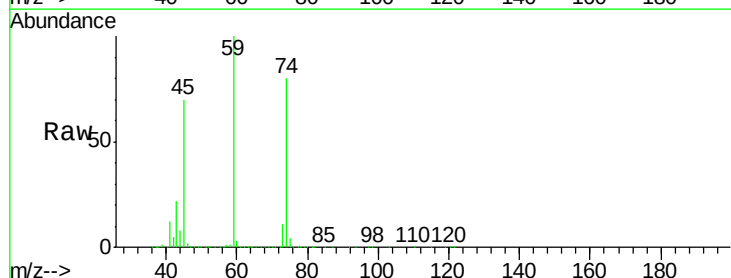
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7/2/2019 9:55:03 AM

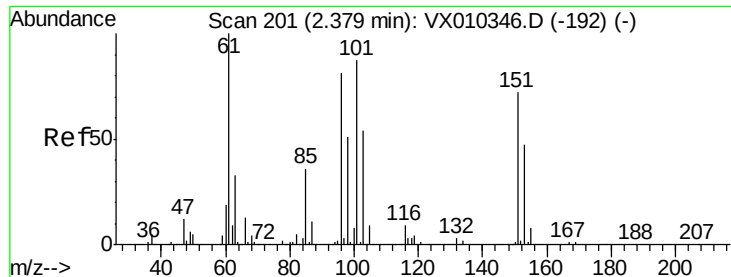


#8

Diethyl Ether
Concen: 49.287 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.405 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

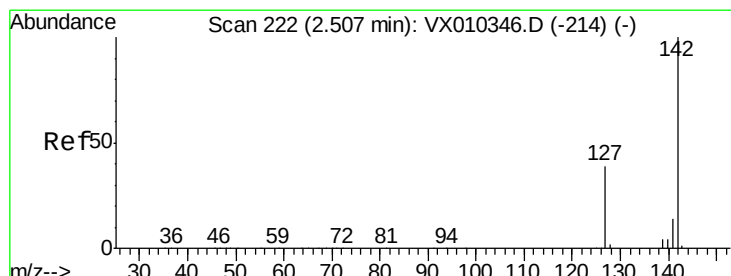
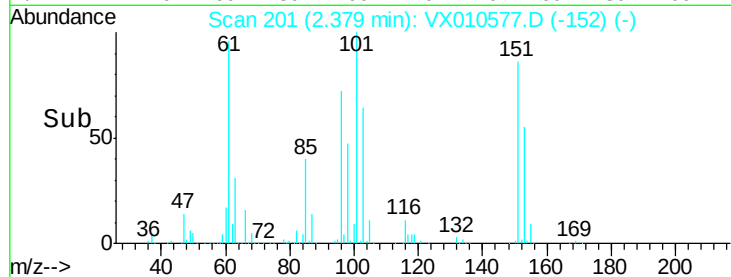
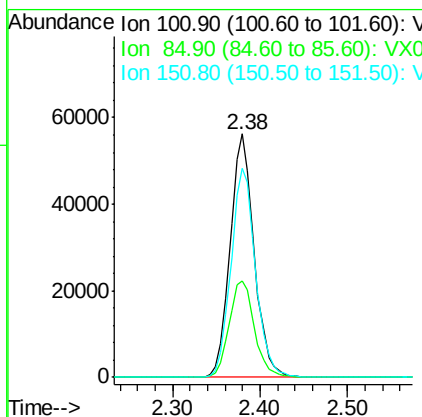
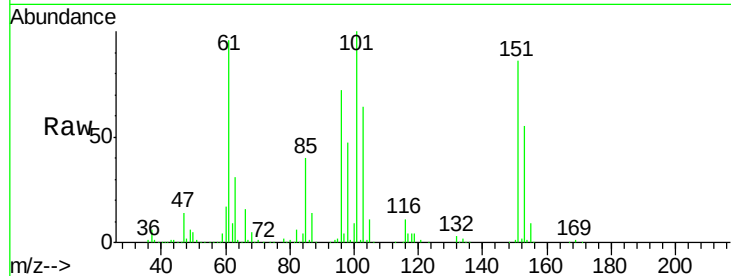
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	107378
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.7	50.5
151	88.1	70.1	105.1

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#10

Methyl Iodide

Concen: 48.366 ug/l

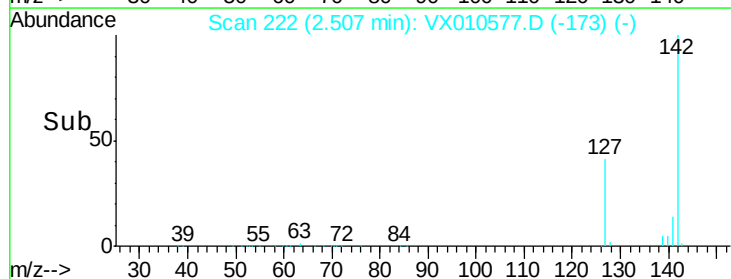
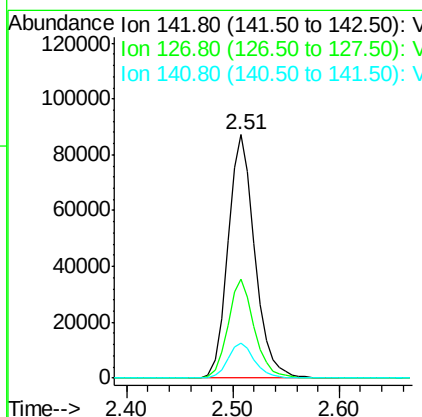
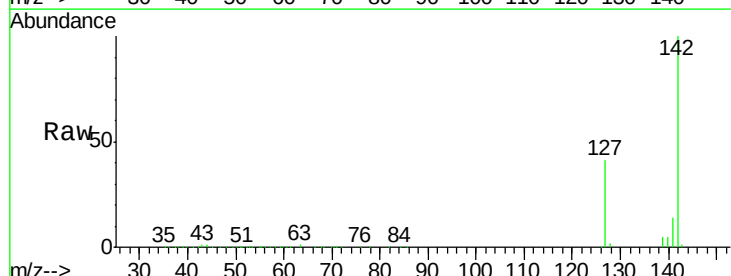
RT: 2.51 min Scan# 222

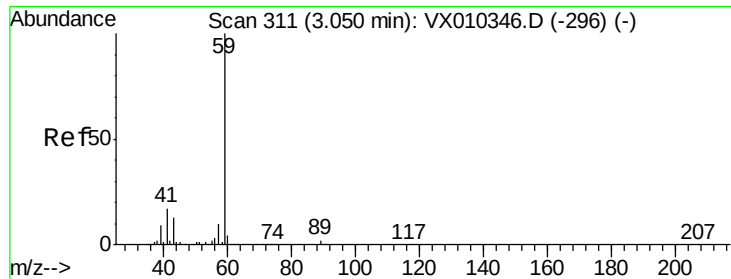
Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tgt Ion:	142	Resp:	153119
Ion Ratio	Lower	Upper	
142	100		
127	40.1	31.1	46.7
141	14.3	11.2	16.8





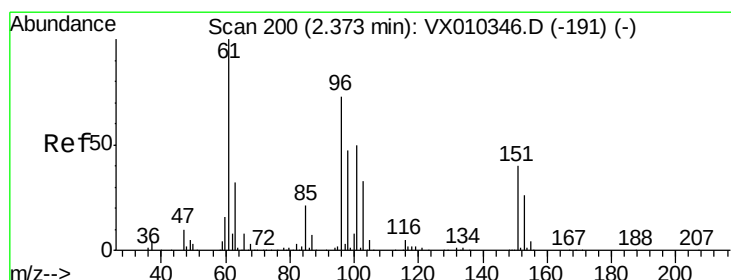
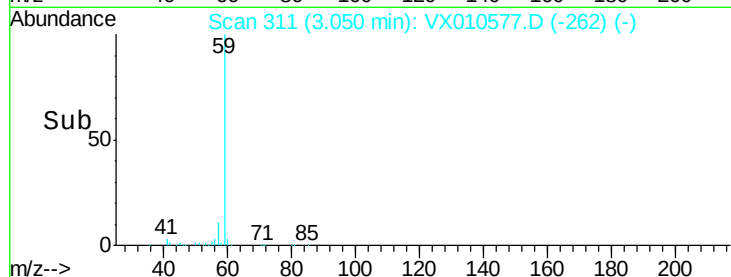
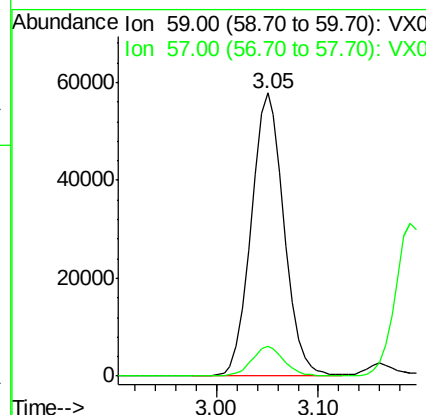
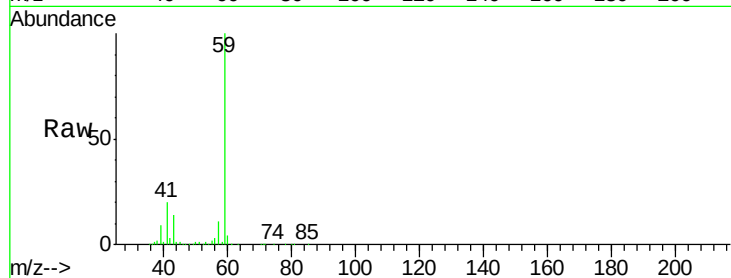
#11
Tert butyl alcohol
Concen: 203.054 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 129734
Ion Ratio Lower Upper
59 100
57 10.5 7.7 11.5

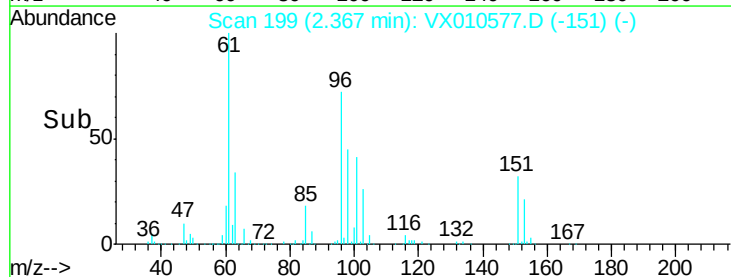
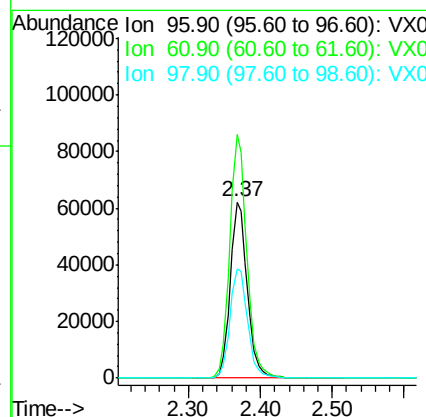
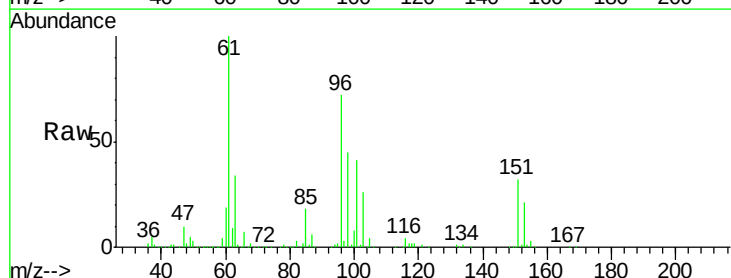
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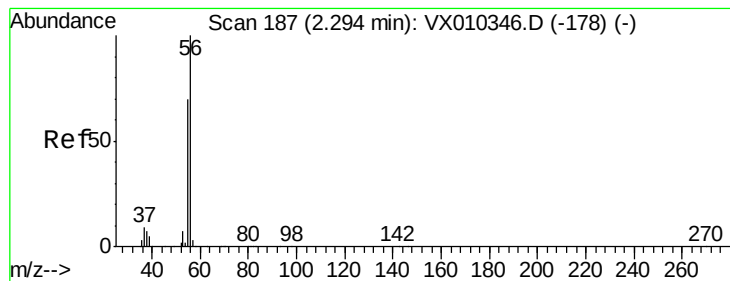
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.489 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 96 Resp: 102681
Ion Ratio Lower Upper
96 100
61 138.1 109.2 163.8
98 62.2 51.1 76.7





#13

Acrolein

Concen: 256.094 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 108543

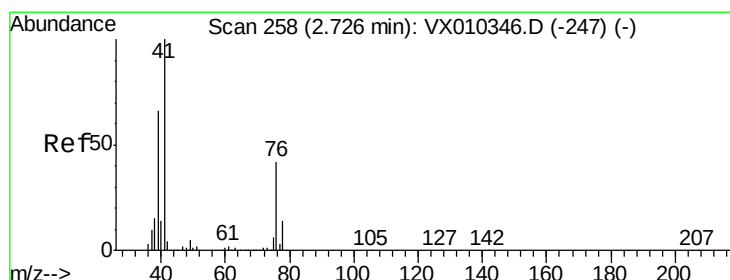
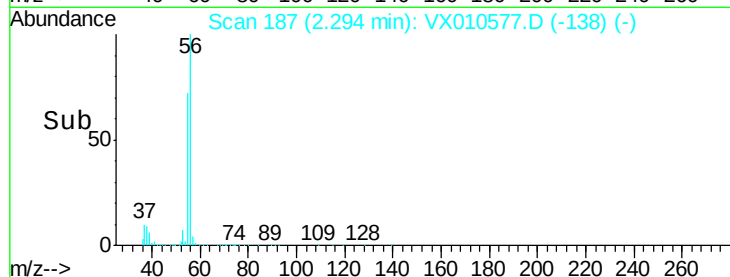
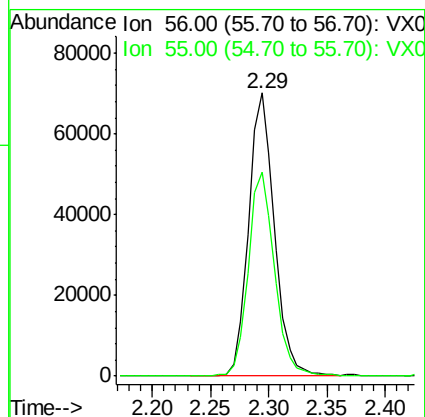
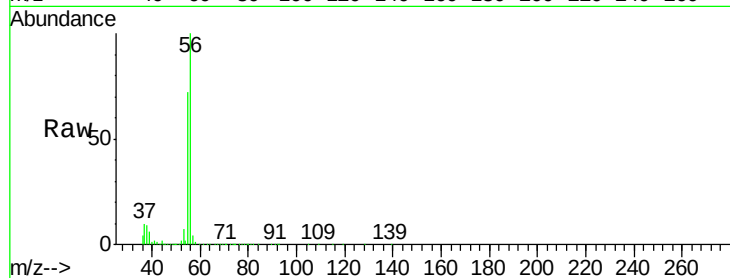
Ion Ratio Lower Upper

56 100

55 73.2 56.9 85.3

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#14

Allyl chloride

Concen: 48.084 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

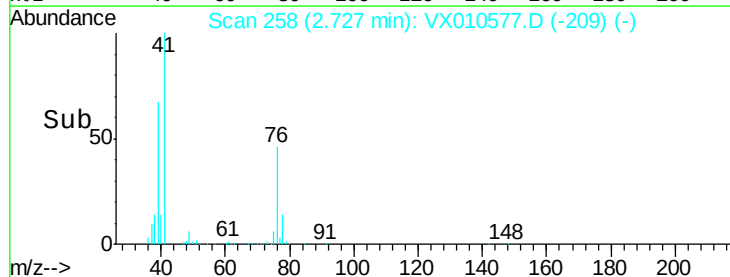
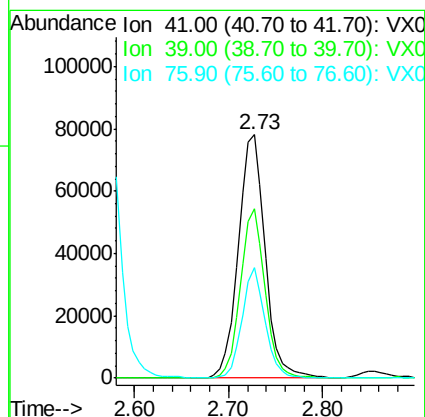
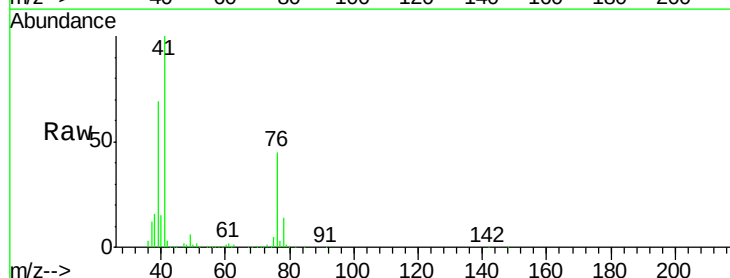
Tgt Ion: 41 Resp: 154093

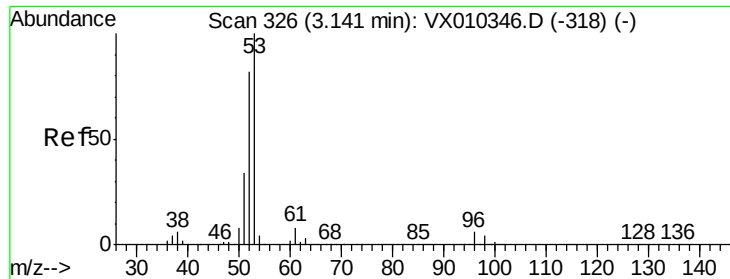
Ion Ratio Lower Upper

41 100

39 64.0 50.3 75.5

76 39.2 31.3 46.9





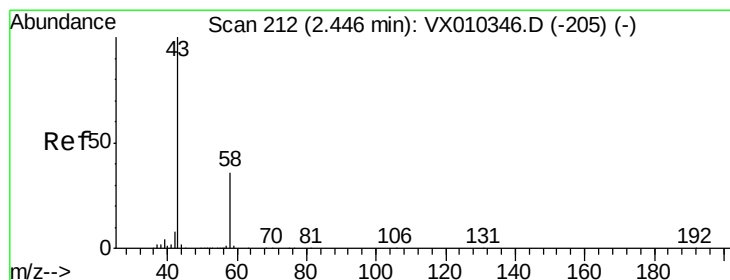
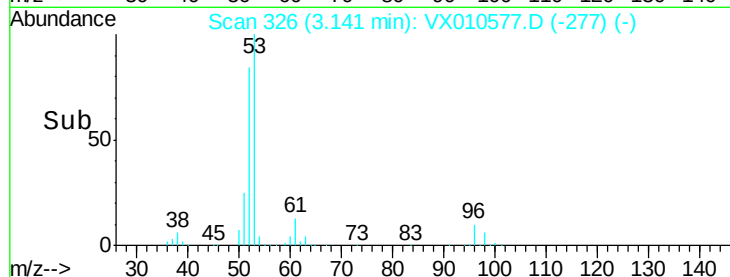
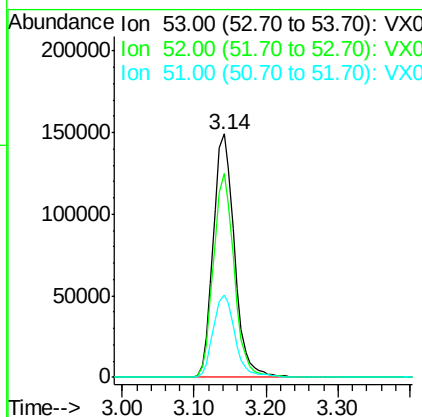
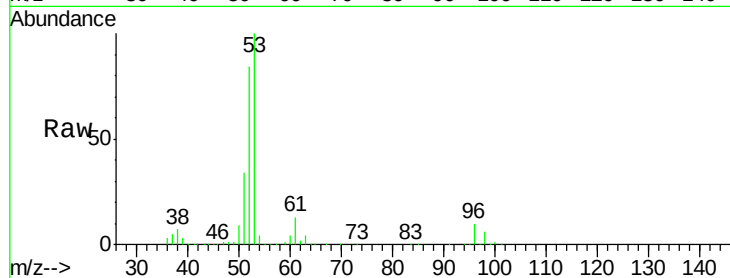
#15
 Acrylonitrile
 Concen: 241.011 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.5	98.3
51	34.8	28.2	42.4

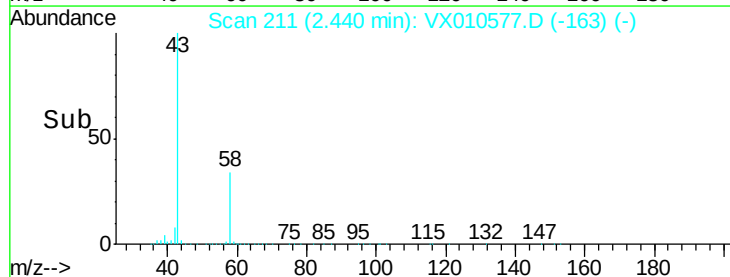
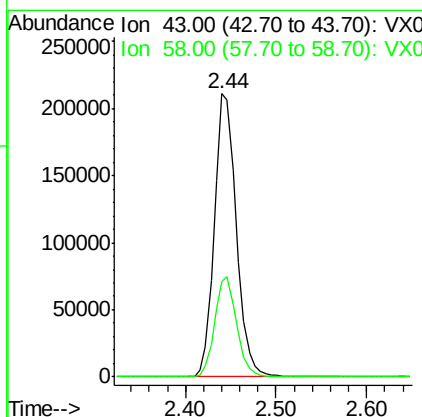
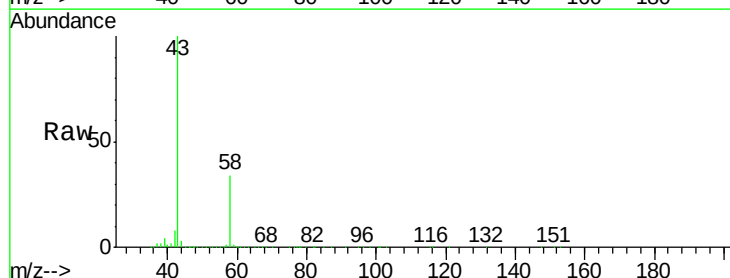
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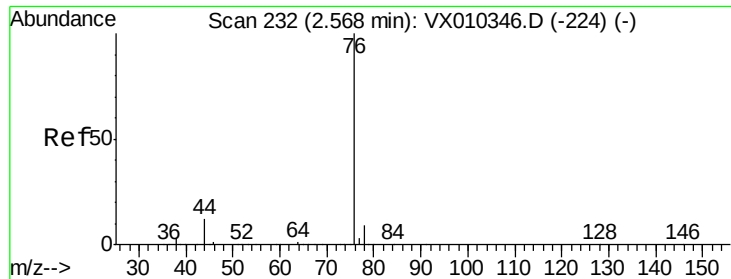
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#16
 Acetone
 Concen: 292.110 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.8	28.9	43.3





#17

Carbon Disulfide

Concen: 40.675 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tot Ion: 76 Resp: 246327

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

Instrument :

MSVOA_X

ClientSampleId :

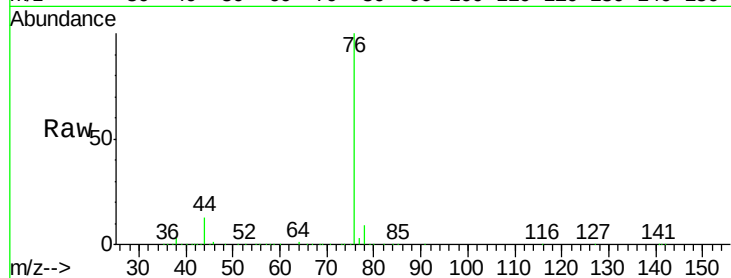
VSTDCCC050

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

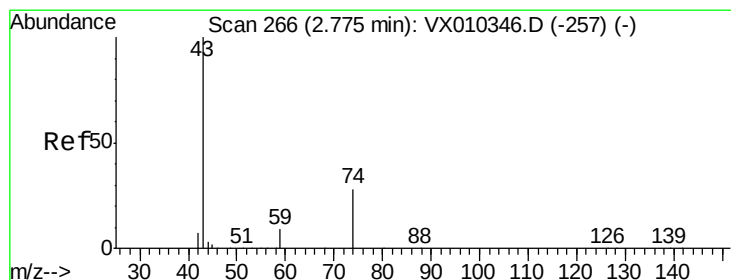
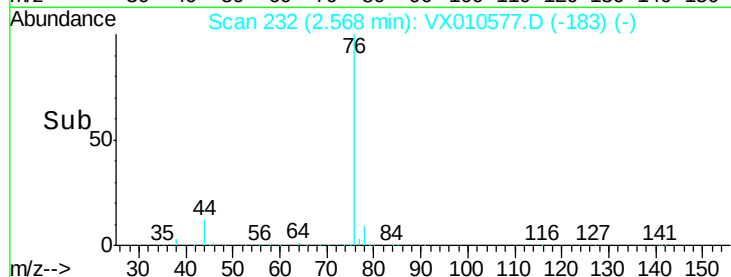
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 49.496 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010577.D

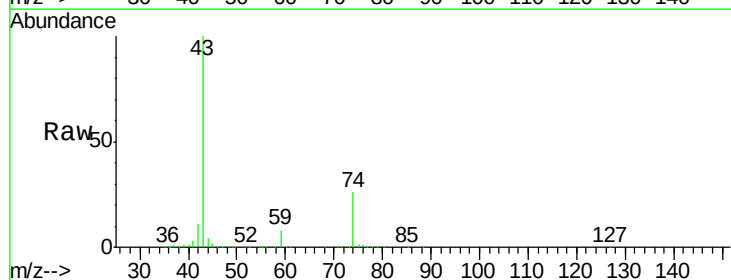
Acq: 01 Jul 2019 09:36

Tgt Ion: 43 Resp: 120717

Ion Ratio Lower Upper

43 100

74 27.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

60000

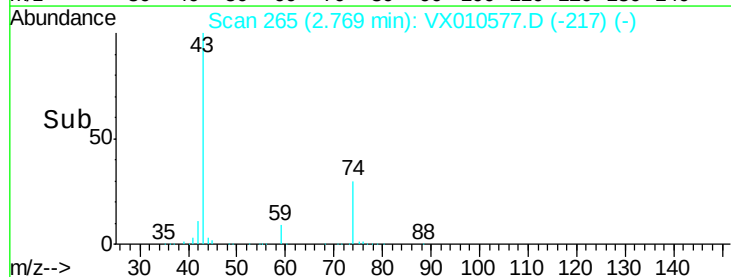
40000

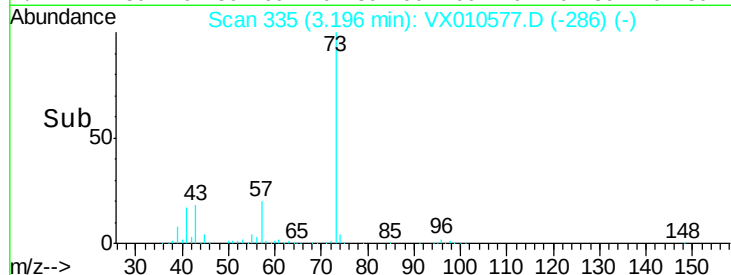
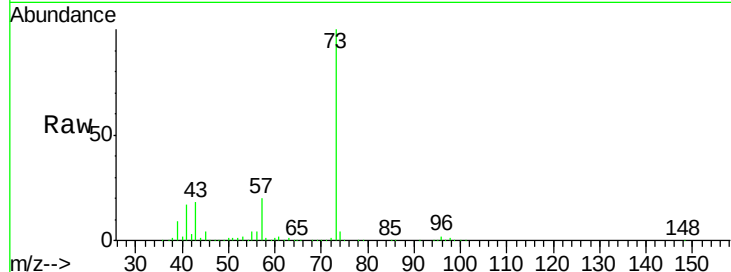
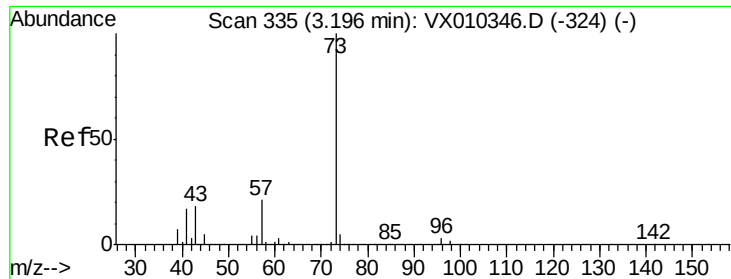
20000

0

2.70 2.75 2.80 2.85

Time-->





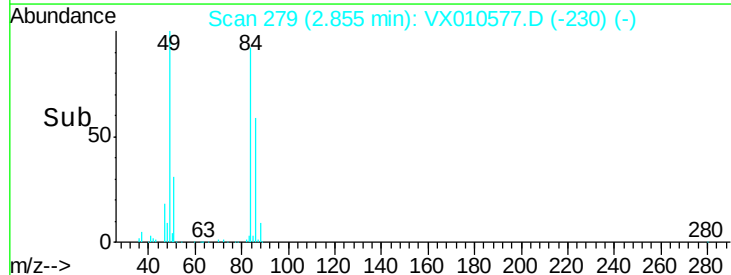
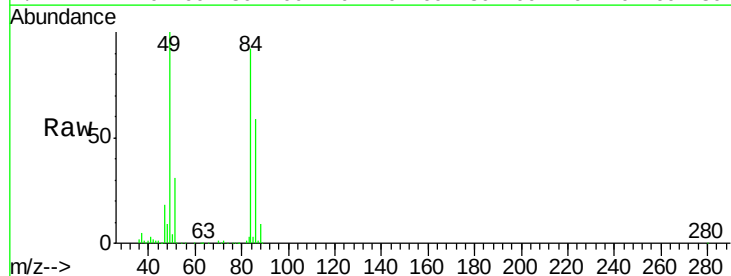
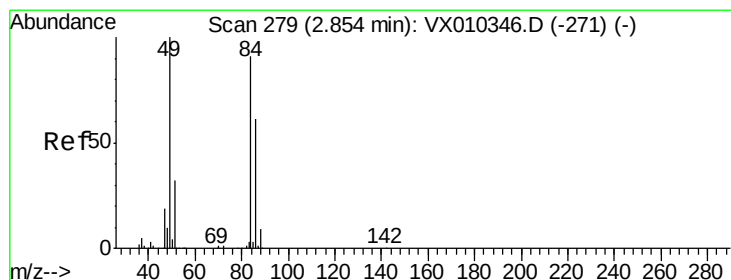
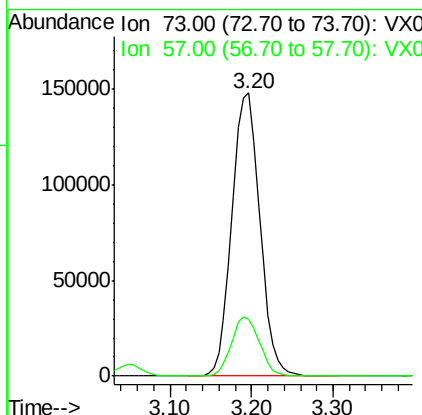
#19
Methyl tert-butyl Ether
Concen: 49.351 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tot Ion: 73 Resp: 350449
Ion Ratio Lower Upper
73 100
57 20.3 16.4 24.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

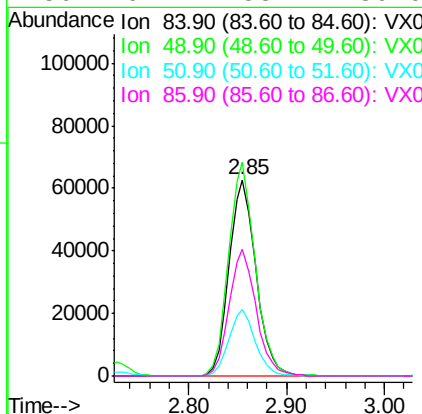
Manual Integrations
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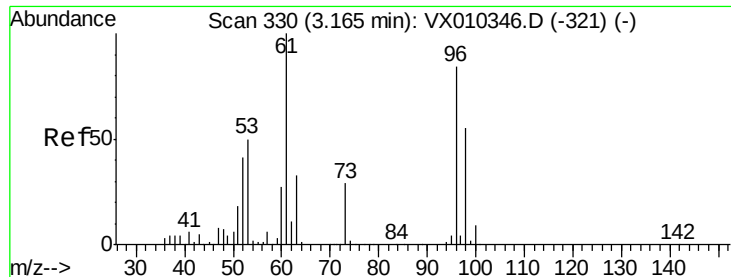
MMDadoda
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#20
Methylene Chloride
Concen: 47.680 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 84 Resp: 120073
Ion Ratio Lower Upper
84 100
49 108.7 87.5 131.3
51 33.7 27.7 41.5
86 64.7 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 46.466 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

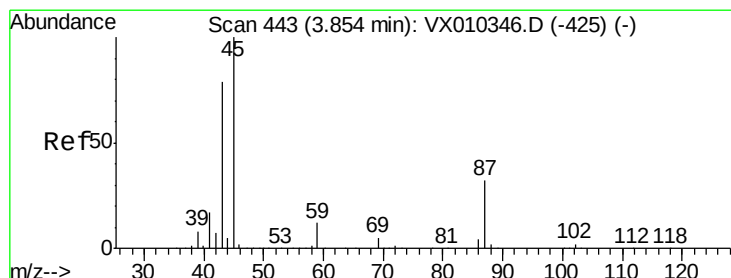
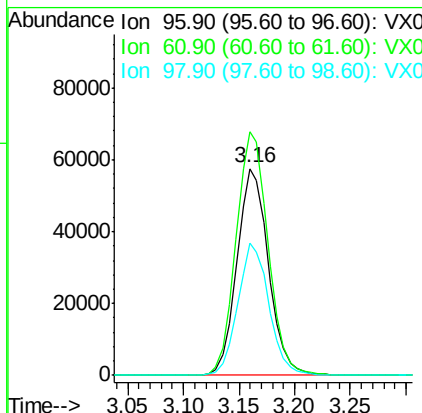
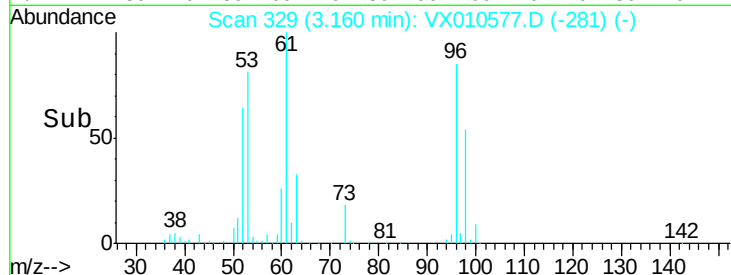
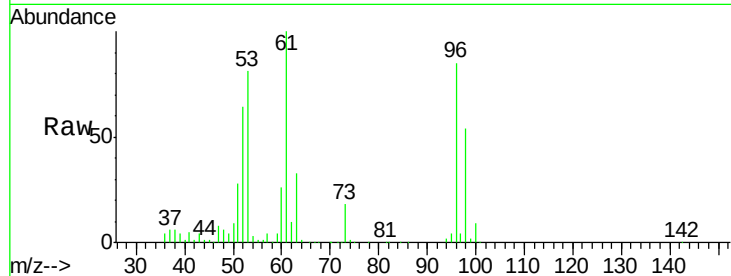
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	112806
Ion	Ratio	Lower	Upper
96	100		
61	117.8	95.6	143.4
98	63.6	52.5	78.7

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#22

Diisopropyl ether

Concen: 48.973 ug/l

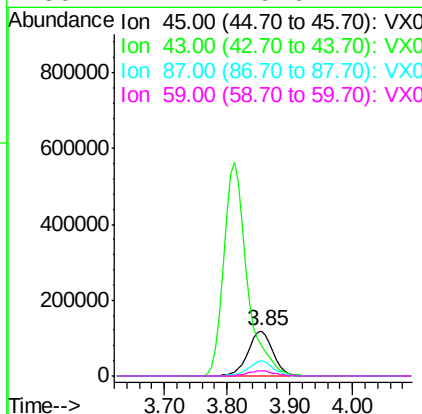
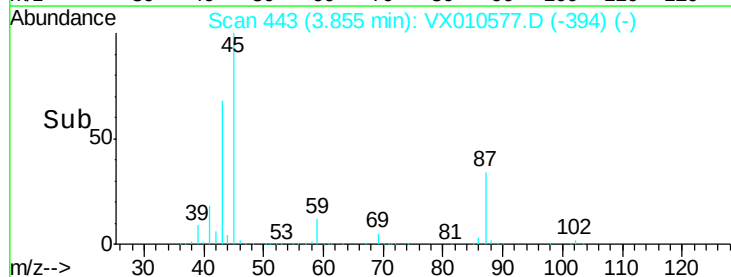
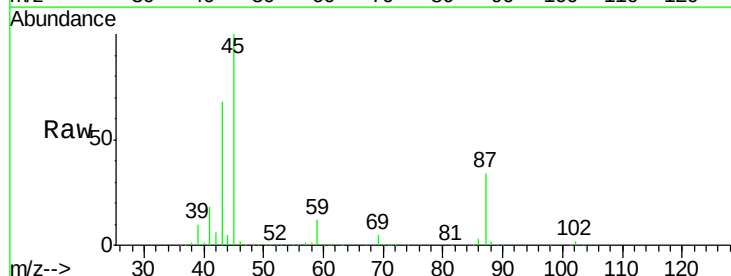
RT: 3.85 min Scan# 443

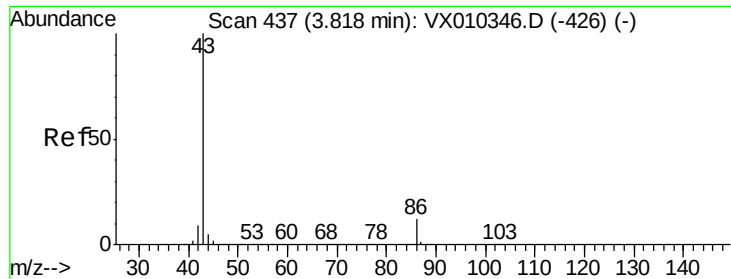
Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tgt Ion:	45	Resp:	328135
Ion	Ratio	Lower	Upper
45	100		
43	67.9	63.3	94.9
87	33.7	25.8	38.8
59	12.1	9.6	14.4





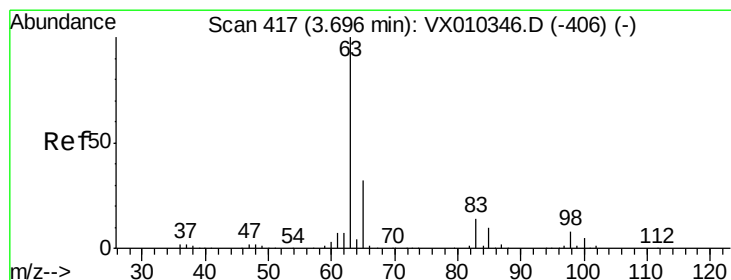
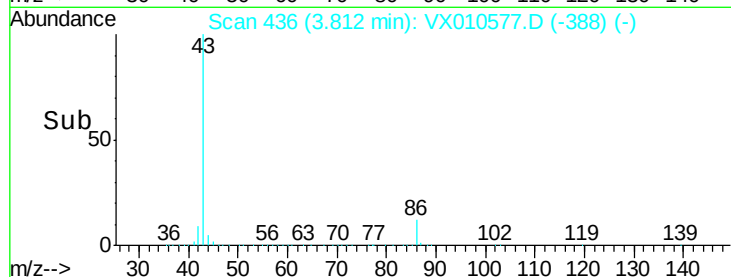
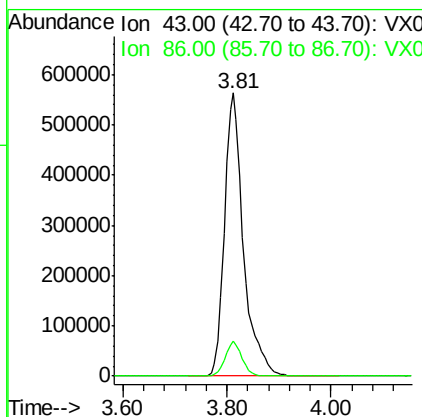
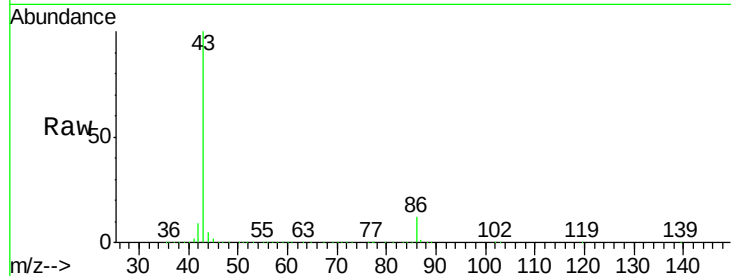
#23
 Vinyl Acetate
 Concen: 250.407 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1449432
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.9 14.9

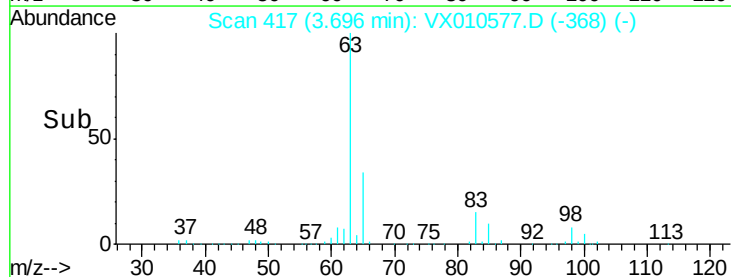
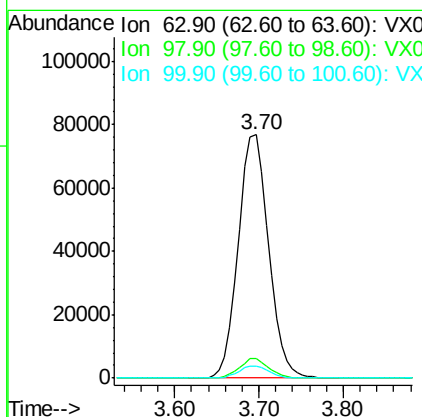
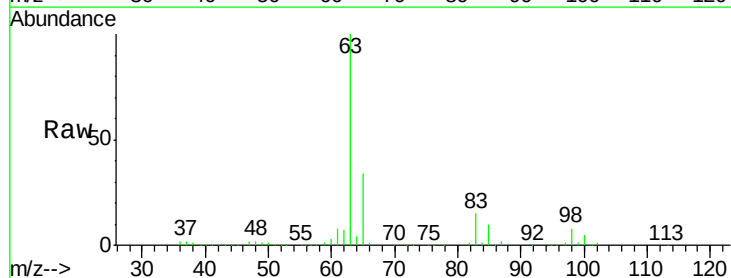
Manual Integrations
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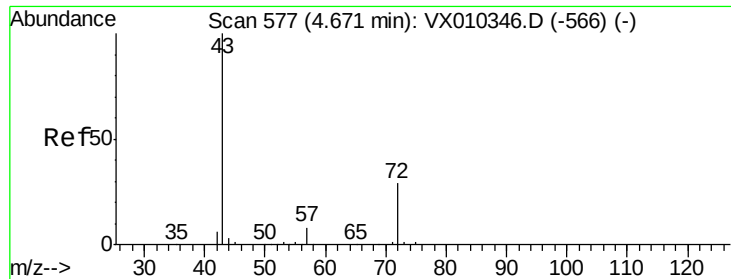
MMDadoda
 7/2/2019 9:55:03 AM



#24
 1,1-Dichloroethane
 Concen: 48.148 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion: 63 Resp: 186477
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 260.320 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 467282

Ion Ratio Lower Upper

43 100

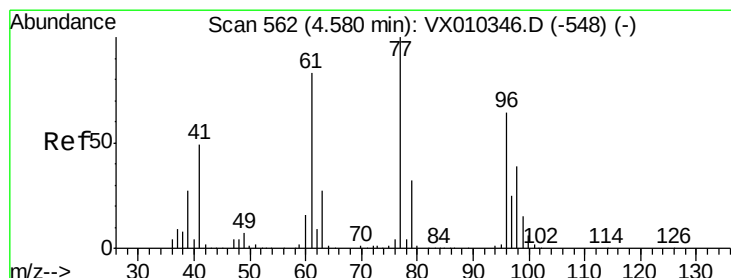
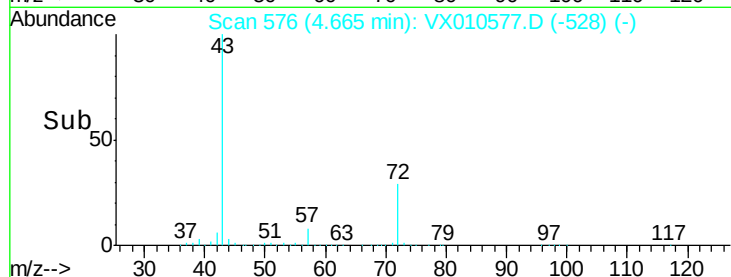
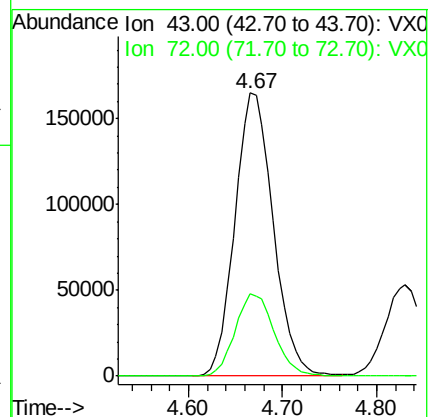
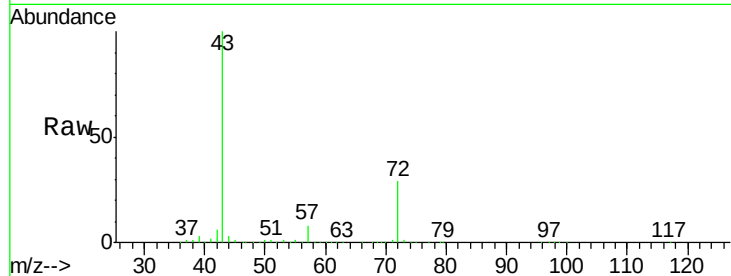
72 29.2 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.241 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010577.D

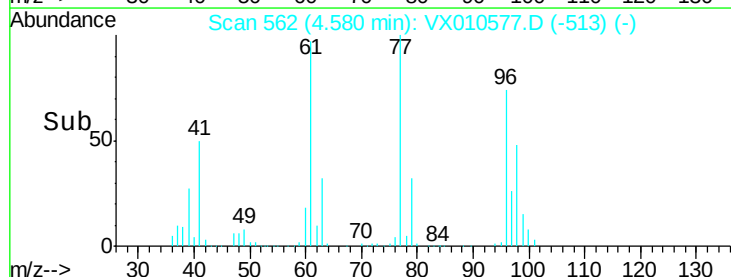
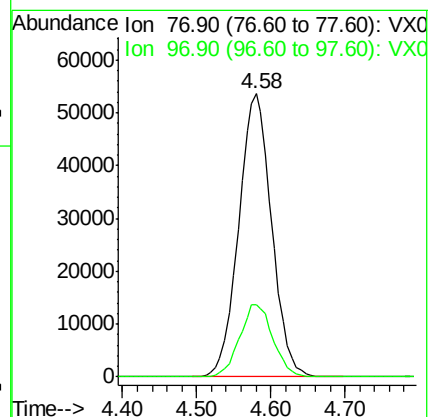
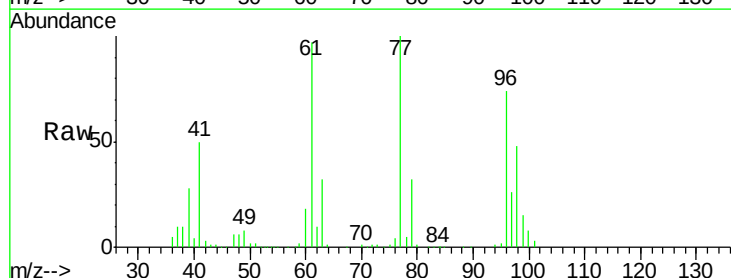
Acq: 01 Jul 2019 09:36

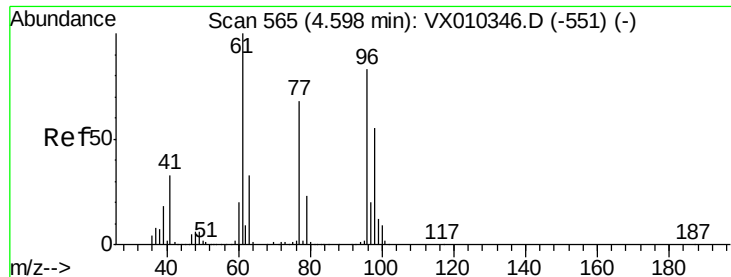
Tgt Ion: 77 Resp: 165668

Ion Ratio Lower Upper

77 100

97 26.0 13.1 39.3





#27

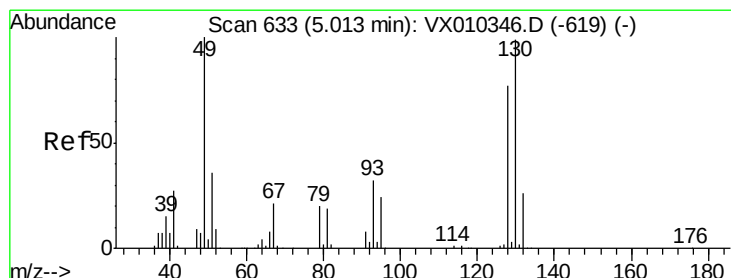
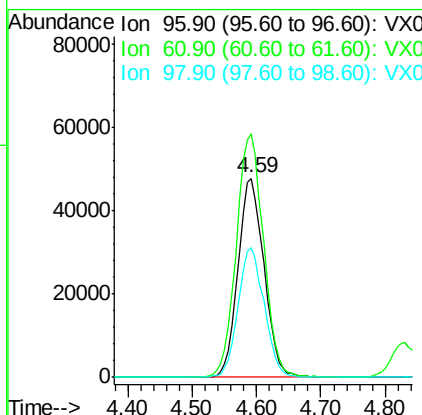
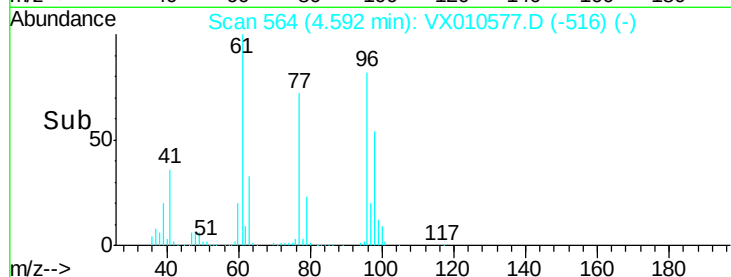
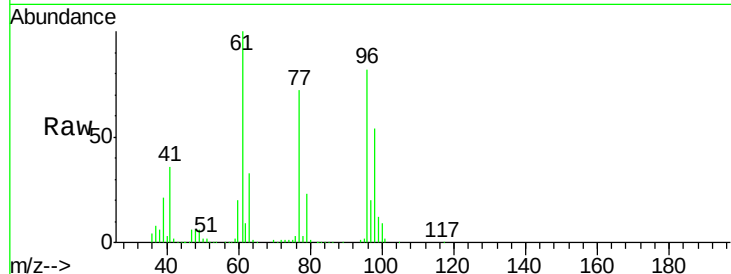
cis-1,2-Dichloroethene
Concen: 47.545 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133384		
61	128.5	0.0	251.8	
98	65.5	0.0	129.4	

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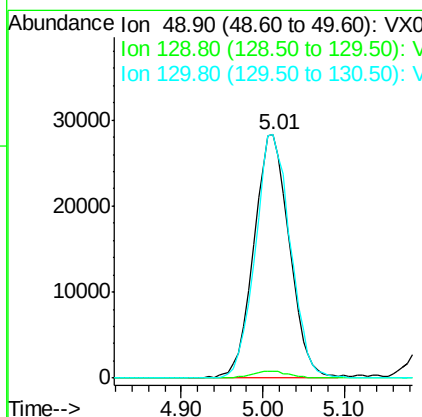
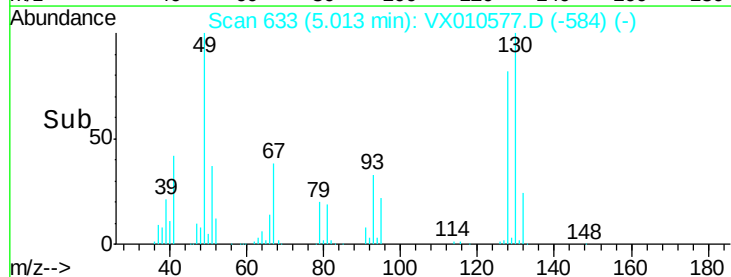
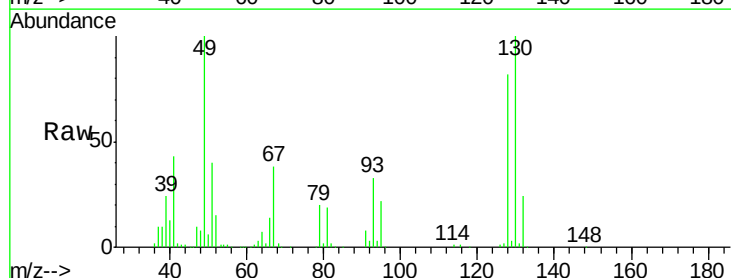
MMDadoda
7/2/2019 9:55:03 AM

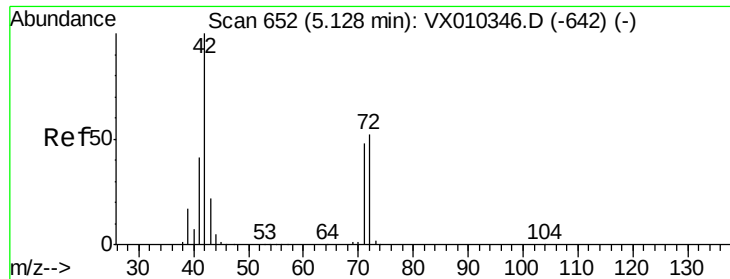


#28

Bromochloromethane
Concen: 46.483 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	86075		
129	2.9	0.0	5.6	
130	99.2	81.4	122.0	





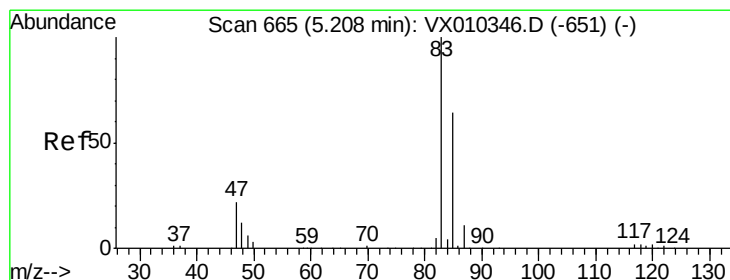
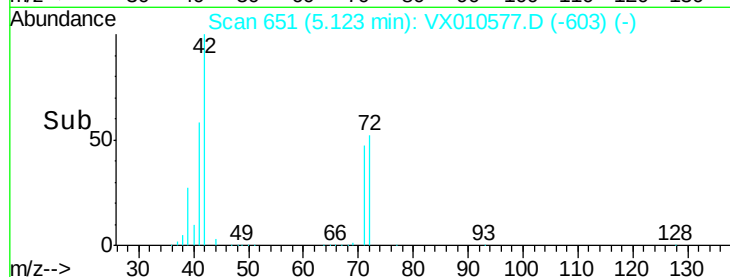
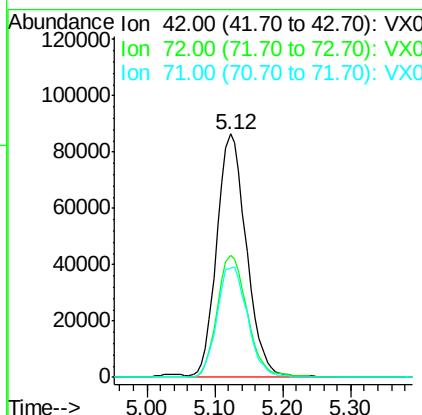
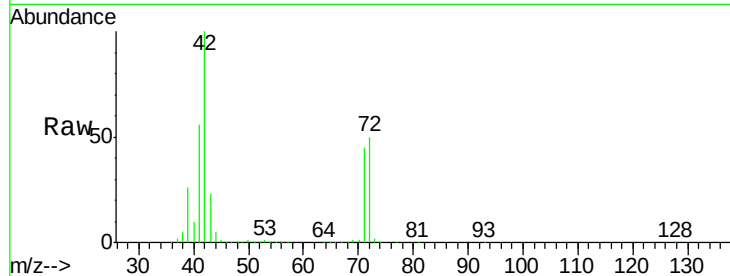
#29
Tetrahydrofuran
Concen: 234.085 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	40.6	60.8
71	46.9	37.8	56.8

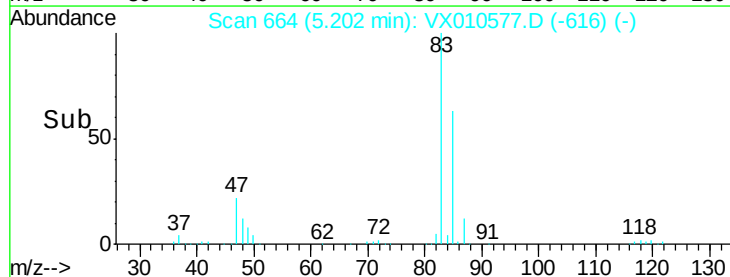
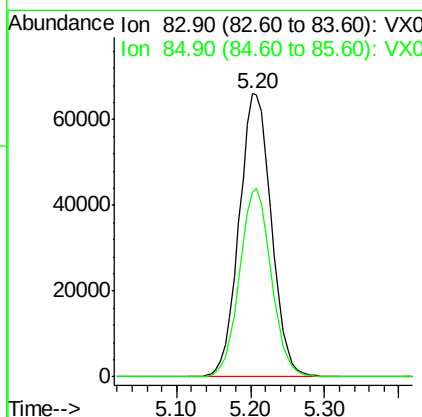
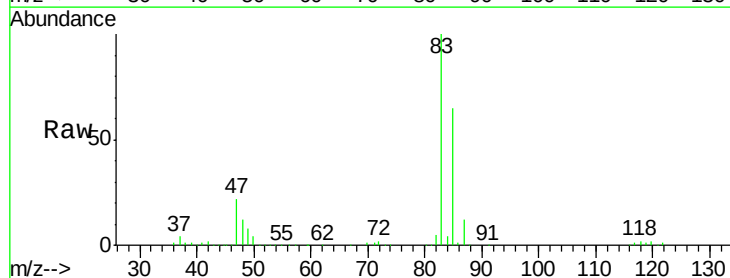
Manual Integrations
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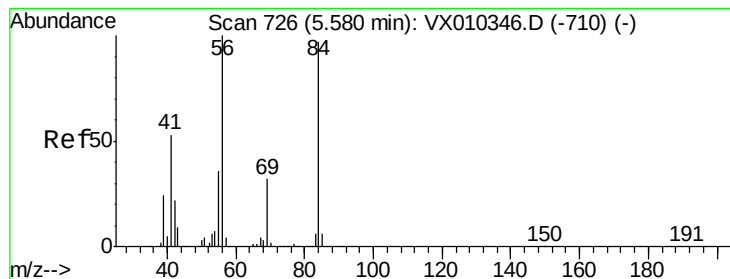
MMDadoda
7/2/2019 9:55:03 AM



#30
Chloroform
Concen: 48.193 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.9	76.3





#31

Cyclohexane

Concen: 46.179 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 162869

Ion Ratio Lower Upper

56 100

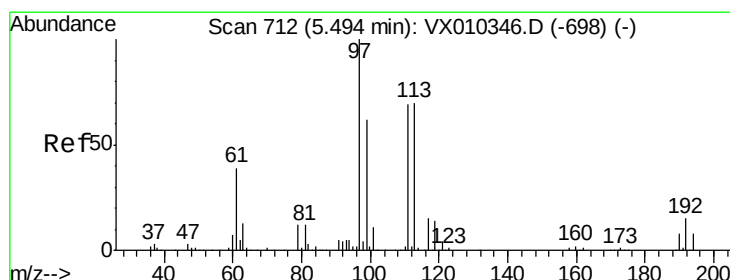
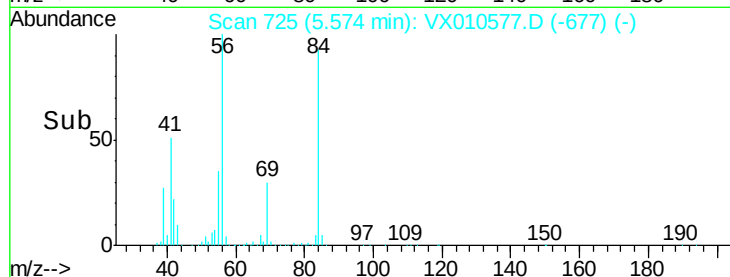
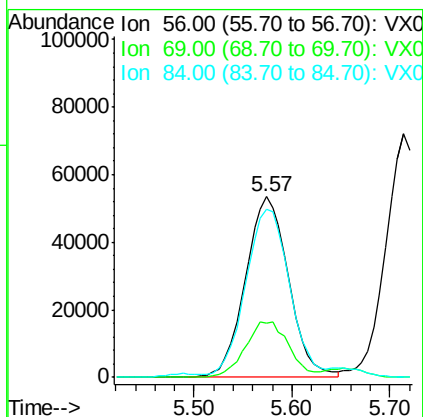
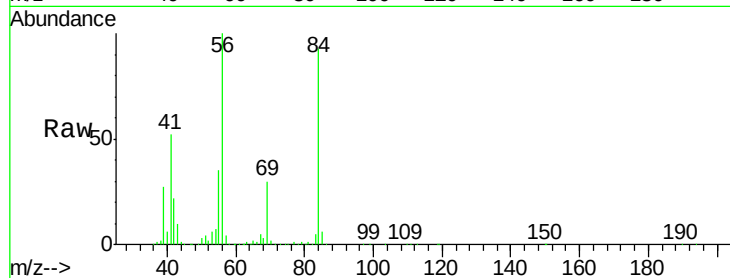
69 30.2 25.9 38.9

84 91.4 78.0 117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.112 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

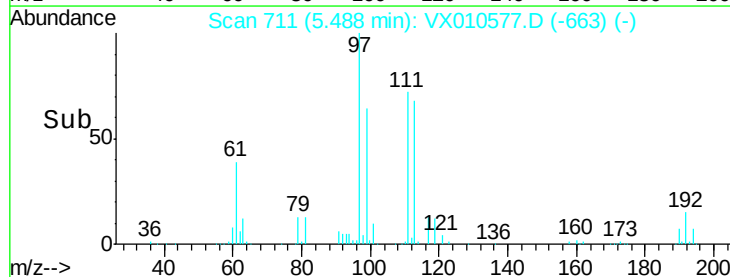
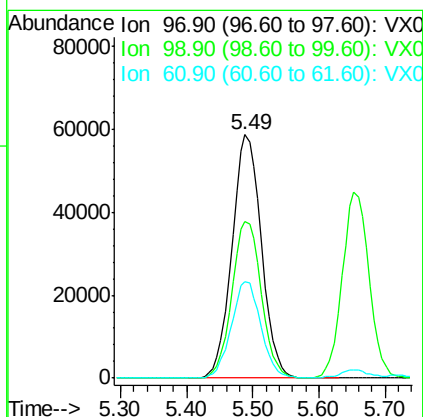
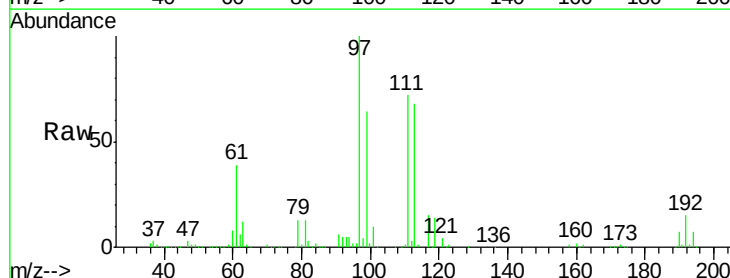
Tgt Ion: 97 Resp: 180711

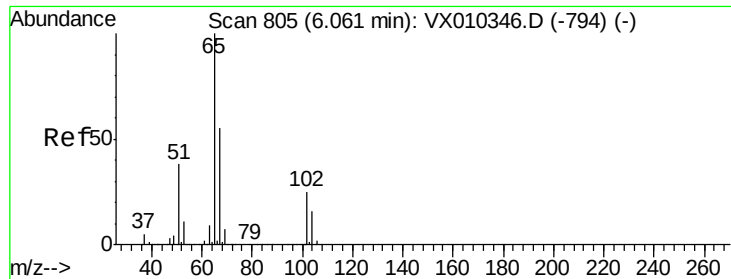
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 39.9 32.1 48.1





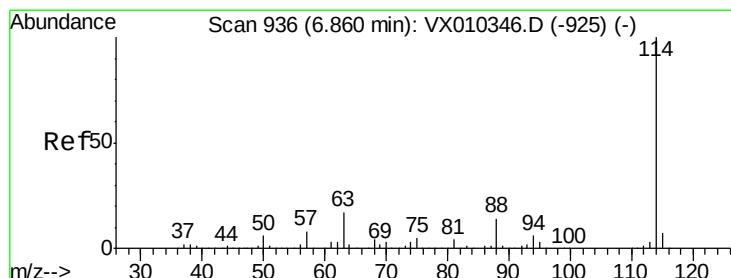
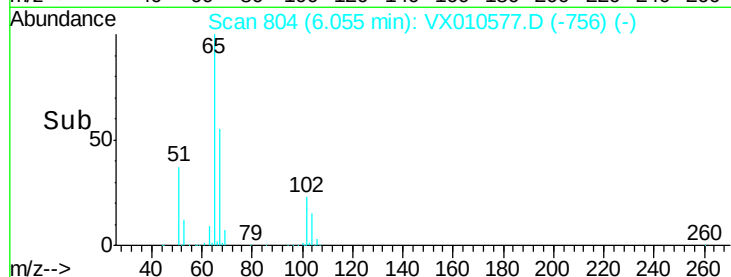
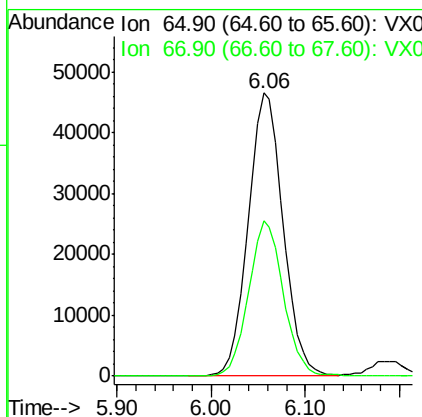
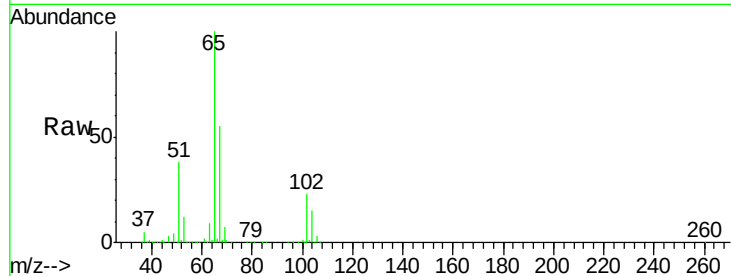
#33
 1,2-Dichloroethane-d4
 Concen: 49.340 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	110.2

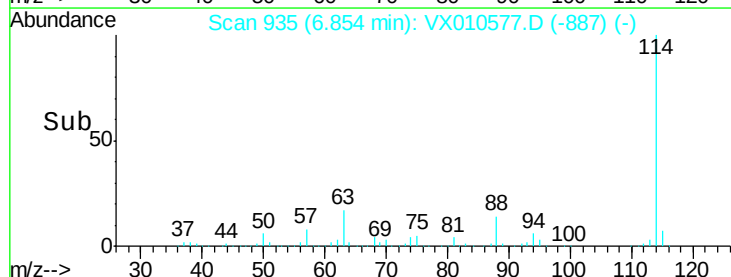
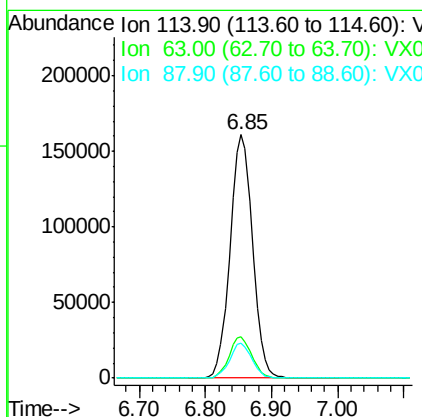
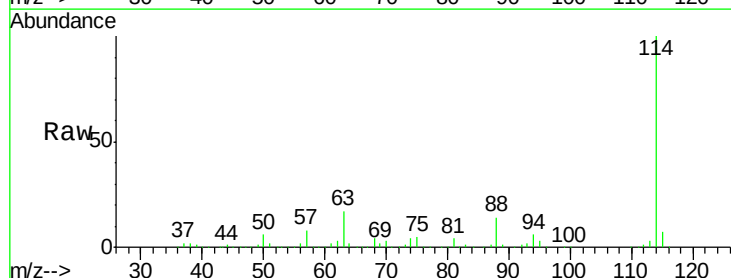
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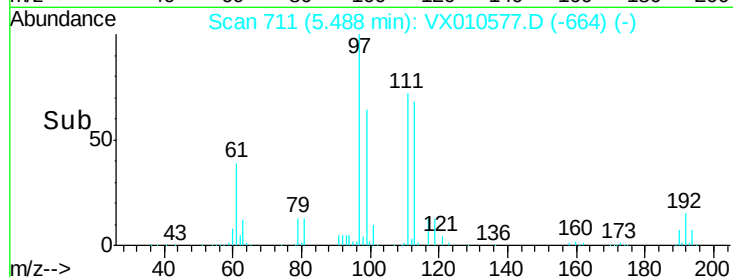
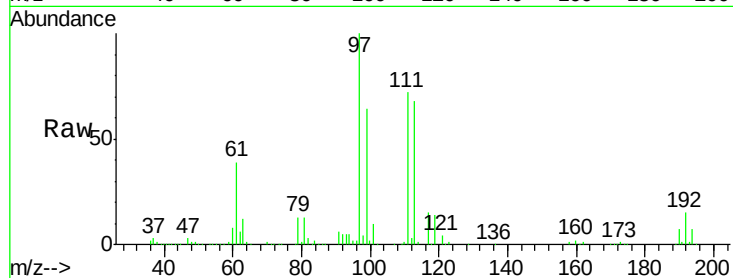
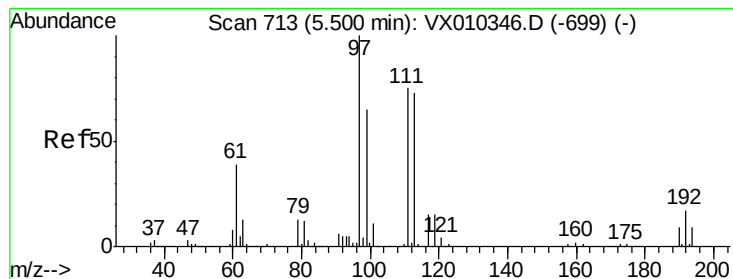
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	33.8
88	14.3	0.0	27.6





#35

Dibromofluoromethane

Concen: 50.934 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tot Ion:	113	Resp:	117955
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.2	121.8
192	22.4	18.6	27.8

Instrument :

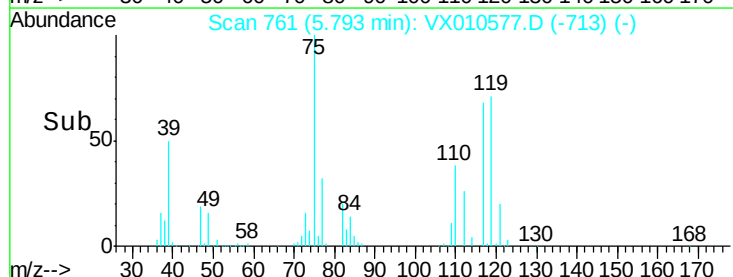
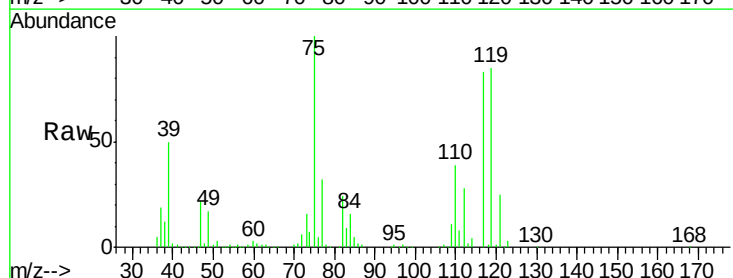
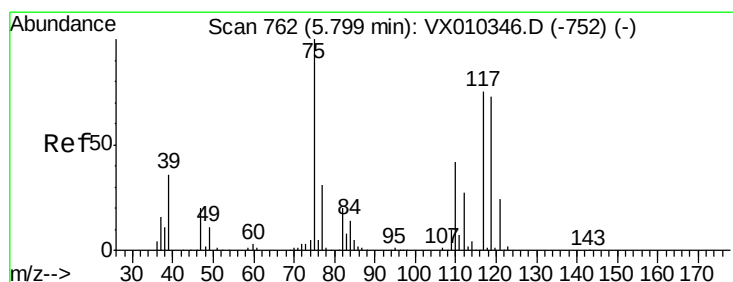
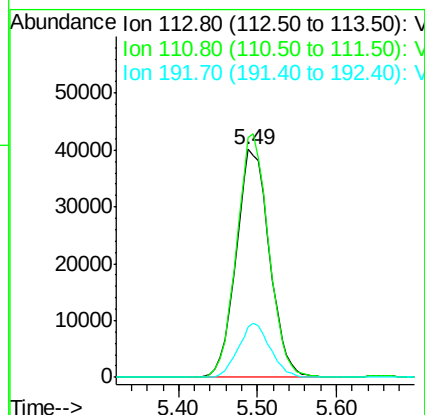
MSVOA_X

ClientSampleId :

VSTDCCC050

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7/2/2019 9:55:03 AM



#36

1,1-Dichloropropene

Concen: 48.628 ug/l

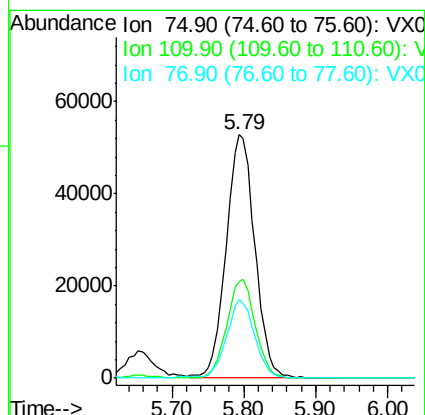
RT: 5.79 min Scan# 761

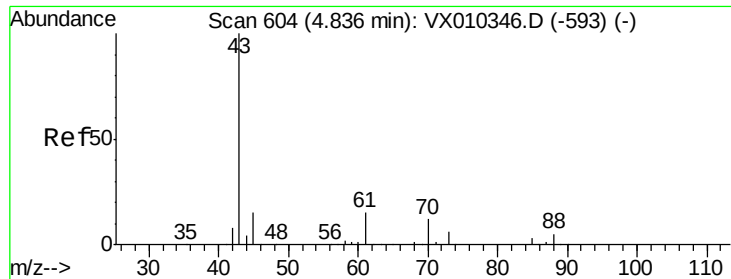
Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tgt Ion:	75	Resp:	146263
Ion	Ratio	Lower	Upper
75	100		
110	40.2	20.8	62.2
77	30.6	25.4	38.0





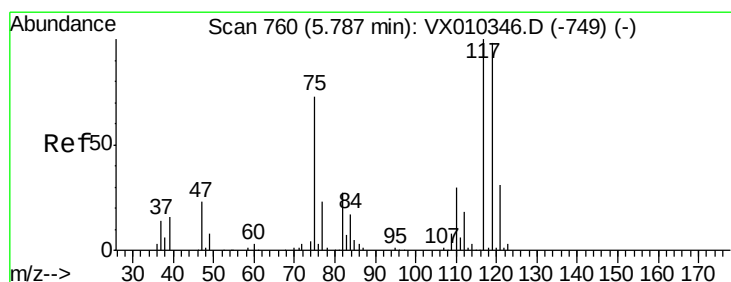
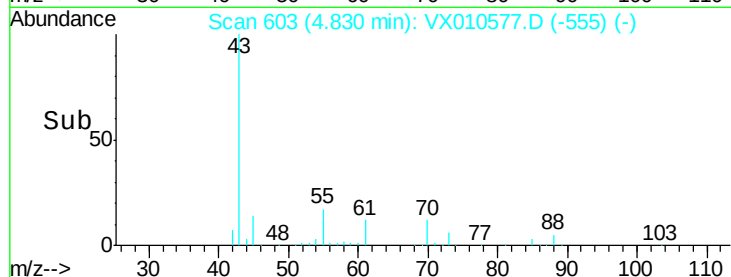
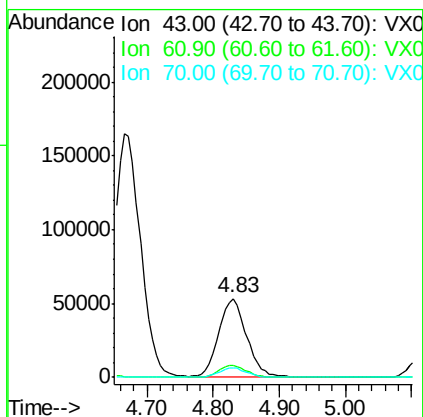
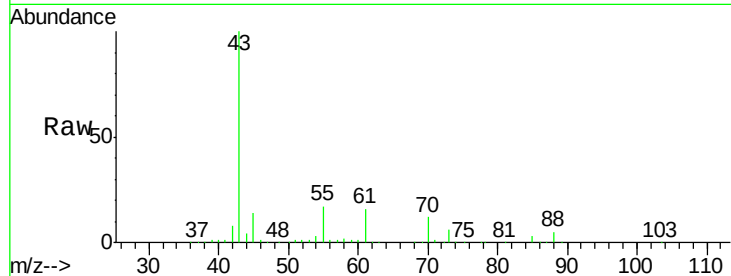
#37
Ethyl Acetate
Concen: 50.133 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.4	18.6
70	12.2	9.8	14.8

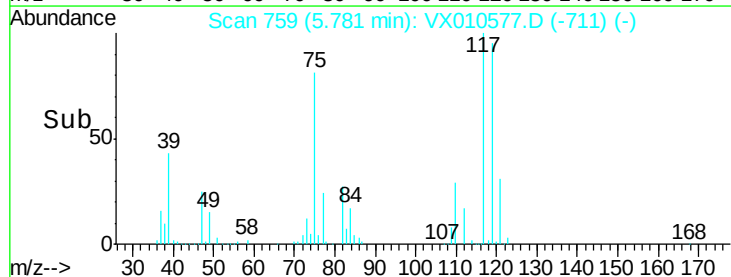
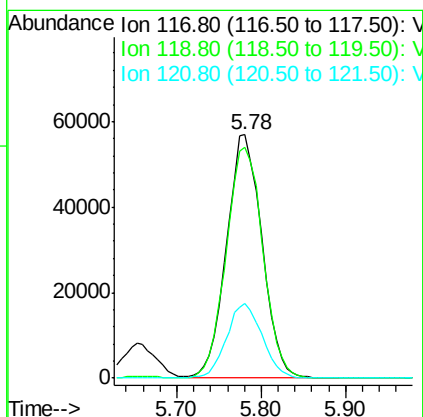
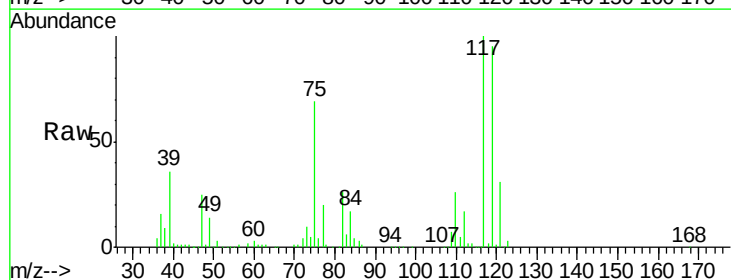
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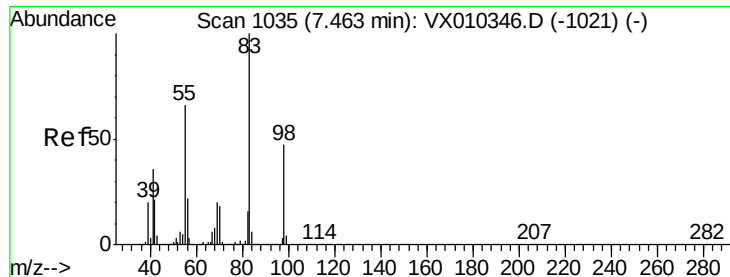
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.903 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.2	117.4
121	30.6	24.7	37.1





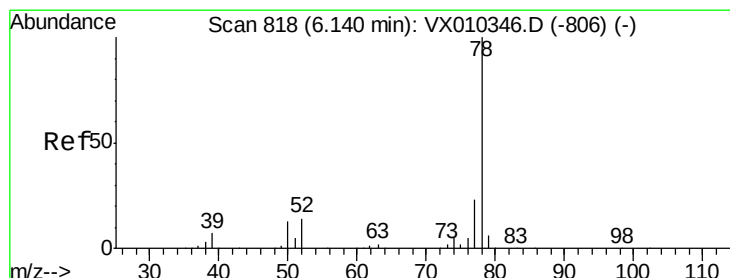
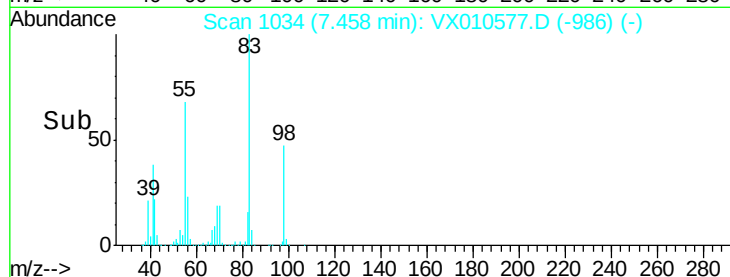
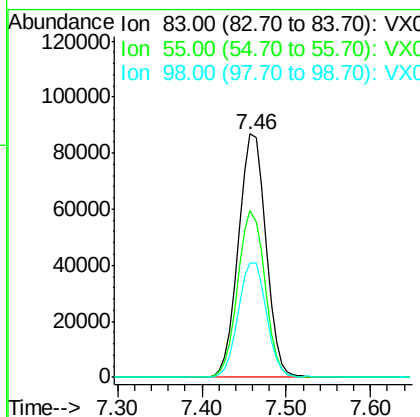
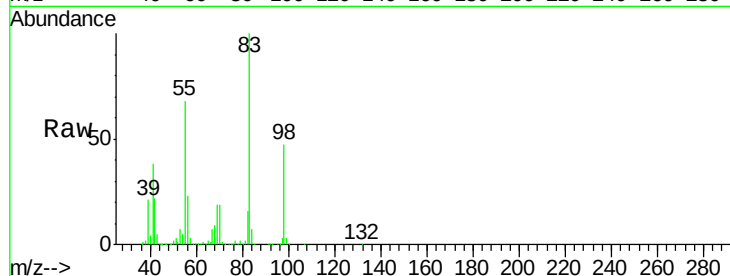
#39
Methylvlcyclohexane
Concen: 48.277 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.5	53.0	79.6
98	46.8	37.8	56.8

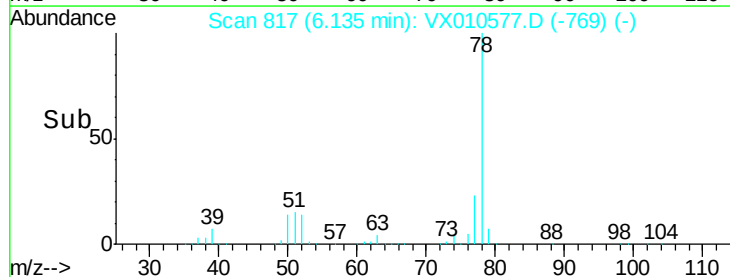
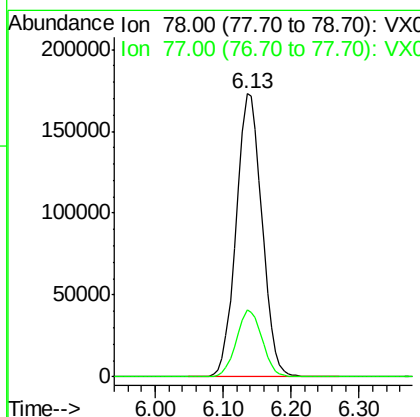
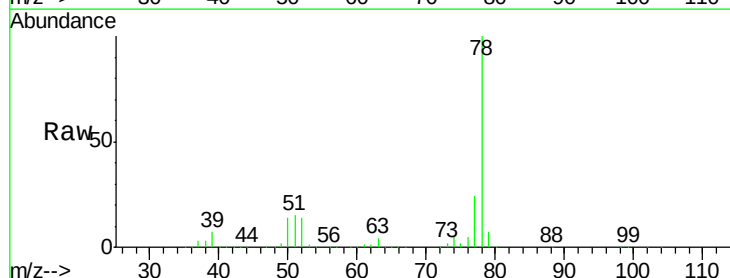
Manual Integrations
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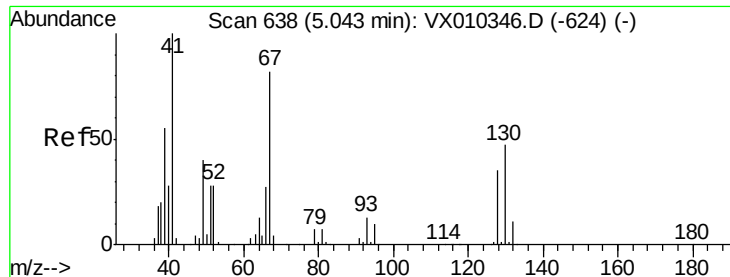
MMDadoda
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#40
Benzene
Concen: 48.617 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





#41

Methacrylonitrile

Concen: 49.474 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 83996

Ion Ratio Lower Upper

41 100

39 54.4 43.8 65.8

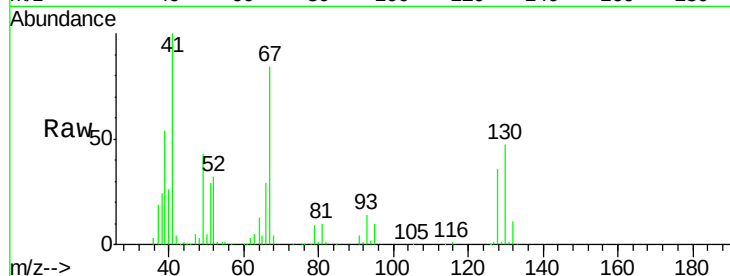
67 82.9 66.6 100.0

52 32.5 24.5 36.7

Manual Integrations
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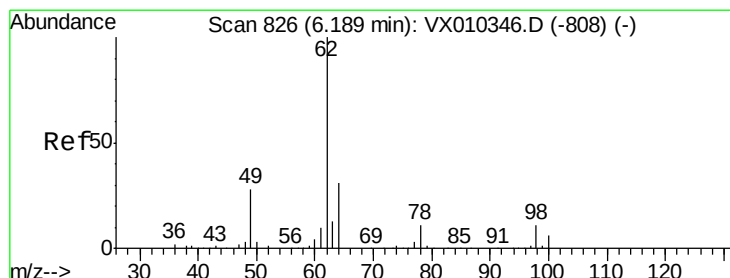
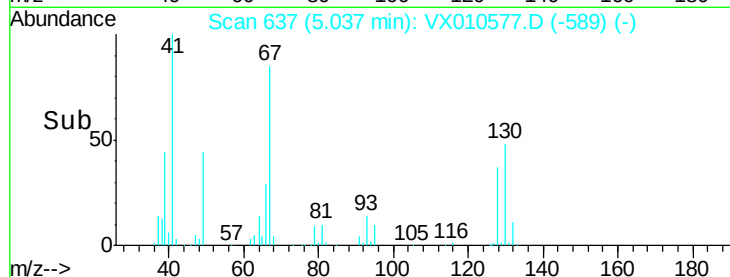
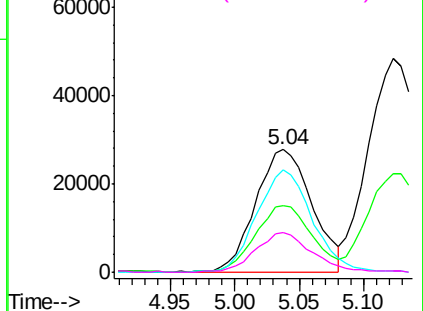


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.265 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010577.D

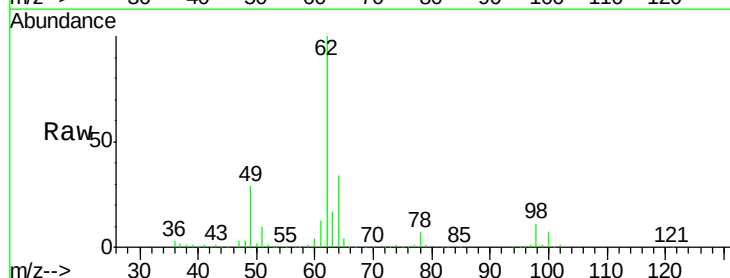
Acq: 01 Jul 2019 09:36

Tgt Ion: 62 Resp: 149084

Ion Ratio Lower Upper

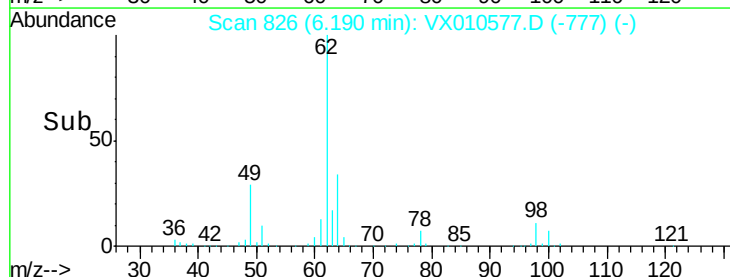
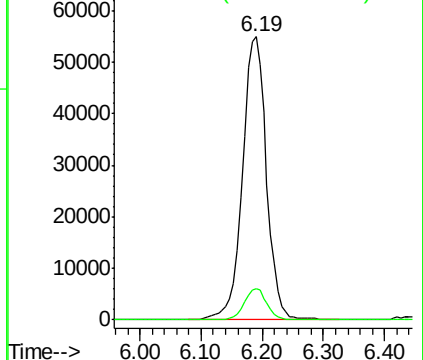
62 100

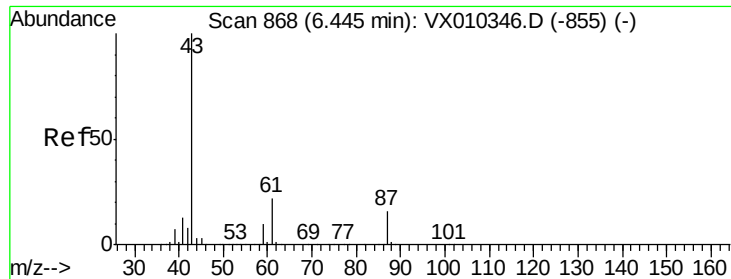
98 10.4 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

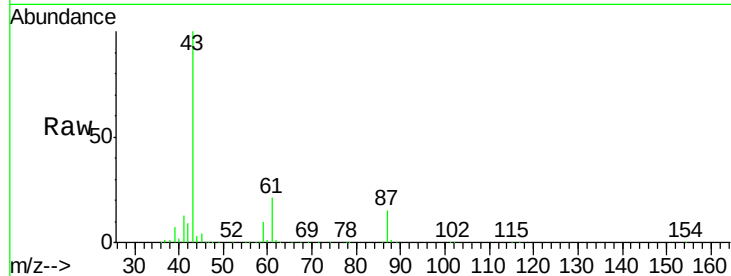
Isopropyl Acetate
 Concen: 50.442 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

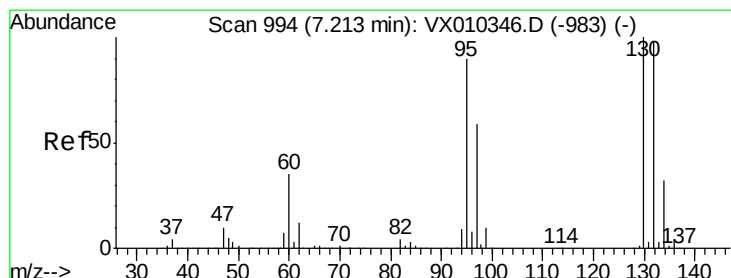
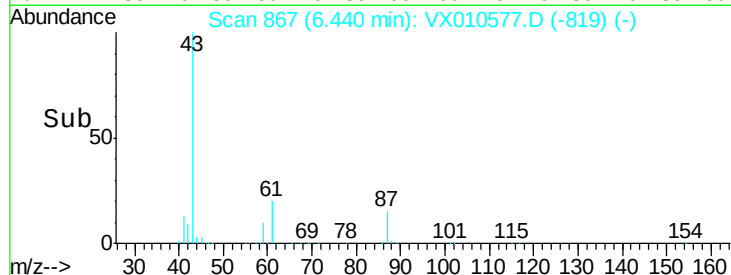
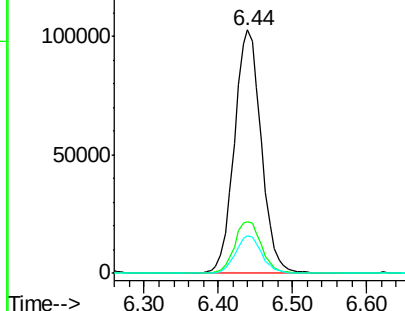
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.8	26.6
87	15.2	13.0	19.4

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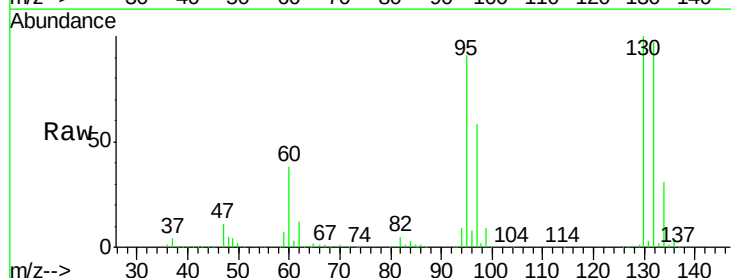
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



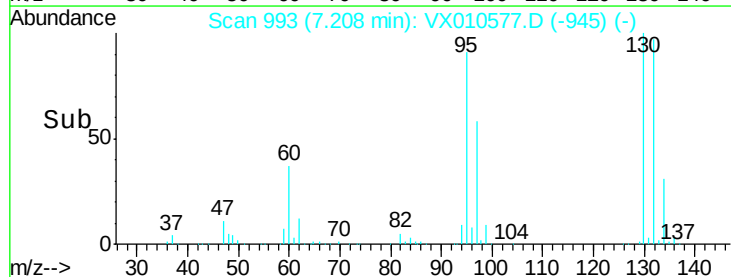
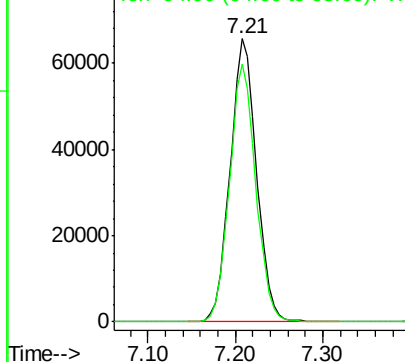
#44

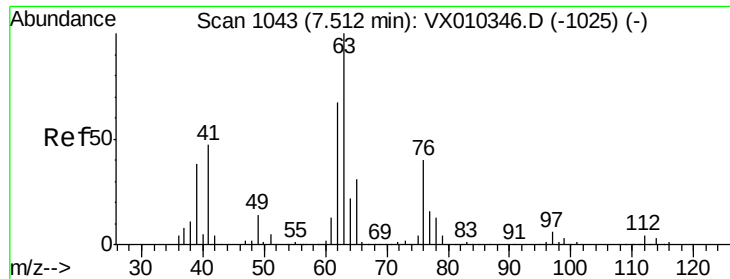
Trichloroethene
 Concen: 49.327 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	180.8



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





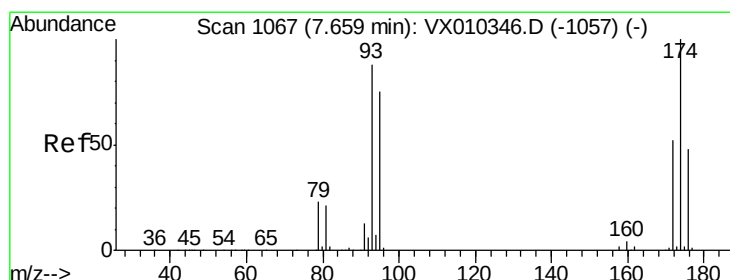
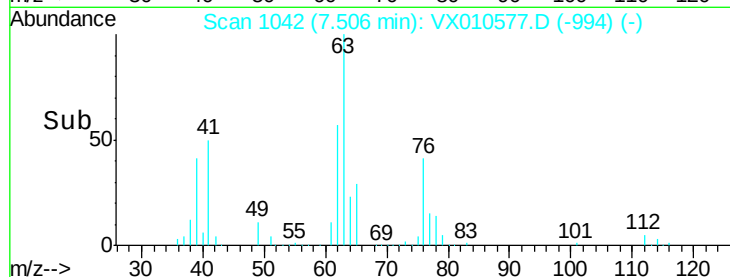
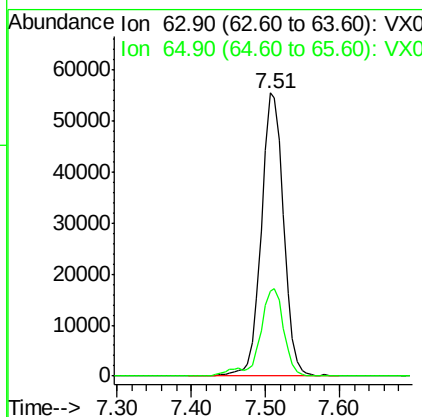
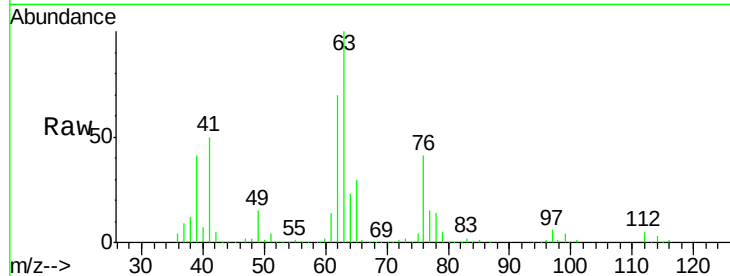
#45
 1,2-Dichloropropane
 Concen: 49.428 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 116966
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.8 37.2

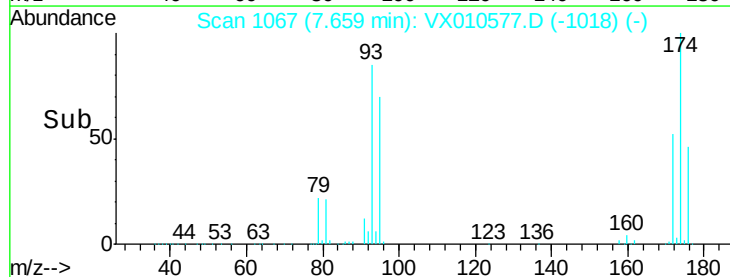
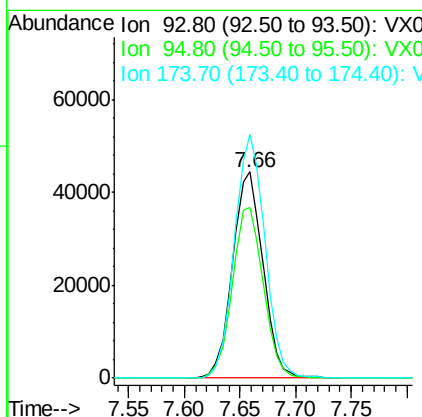
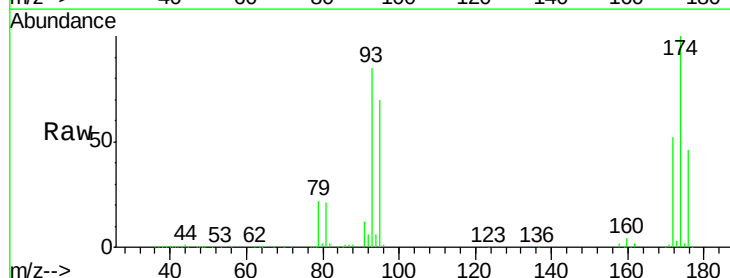
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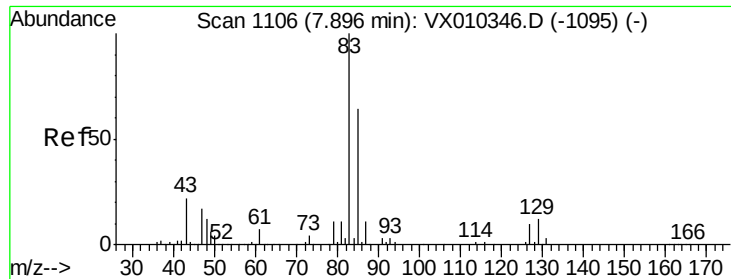
MMDadoda
 7/2/2019 9:55:03 AM



#46
 Dibromomethane
 Concen: 49.732 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion: 93 Resp: 84436
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.5 101.3
 174 118.2 95.8 143.6





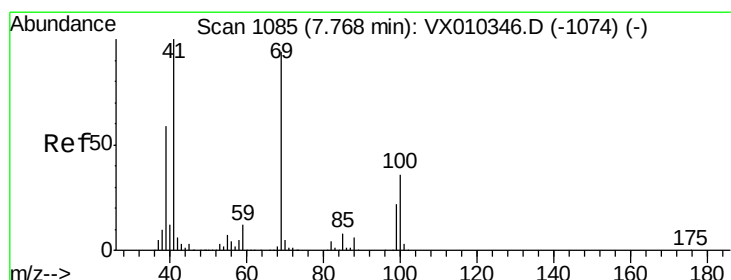
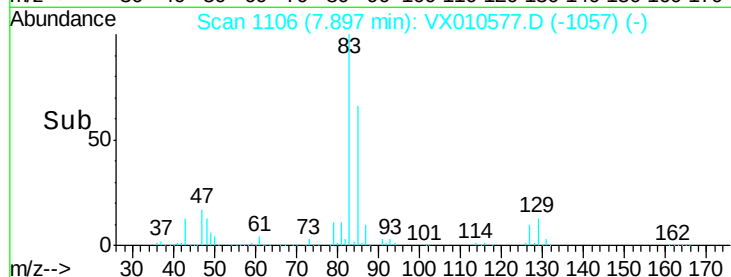
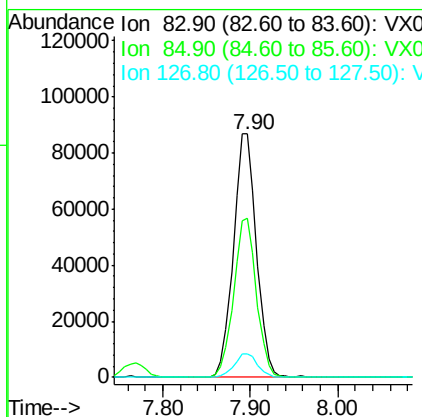
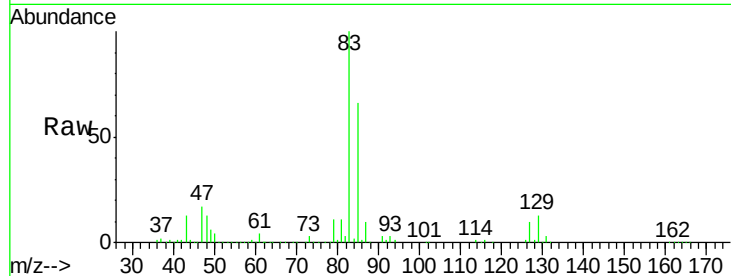
#47
Bromodichloromethane
Concen: 51.351 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.5	77.3
127	9.6	7.8	11.8

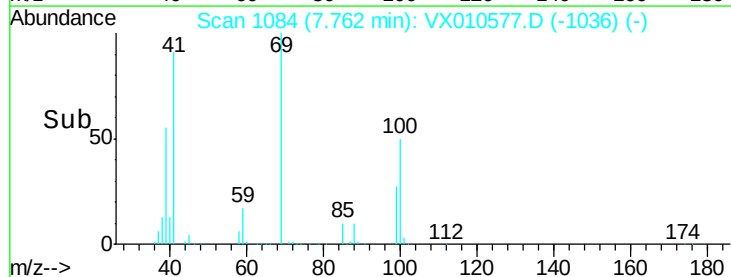
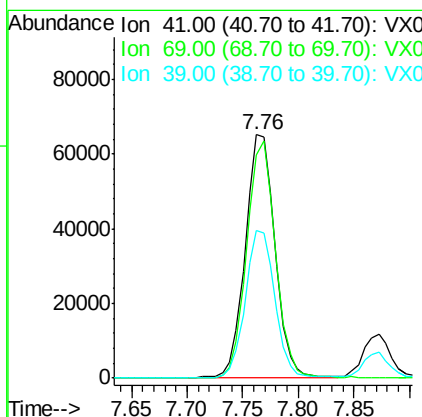
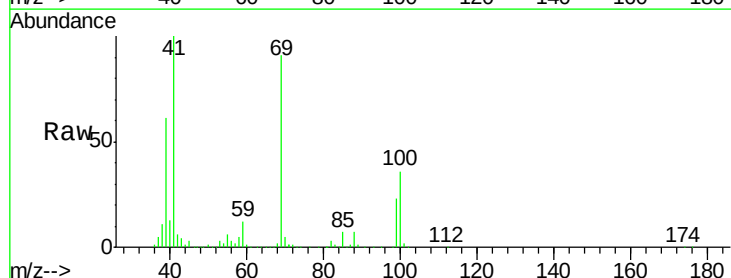
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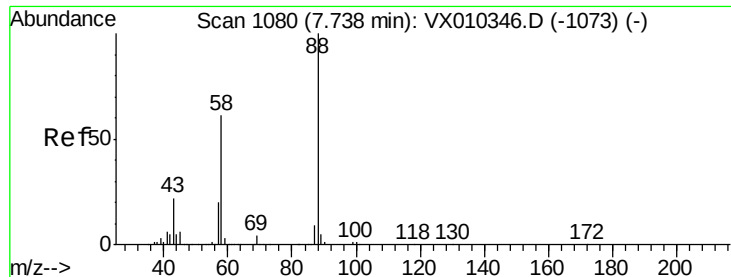
MMDadoda
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#48
Methyl methacrylate
Concen: 50.815 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.6	76.1	114.1
39	60.8	47.6	71.4





#49

1,4-Dioxane

Concen: 885.468 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

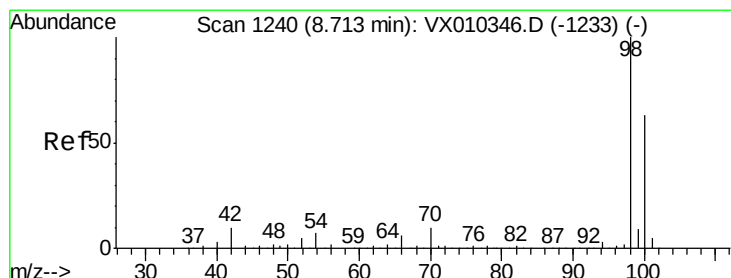
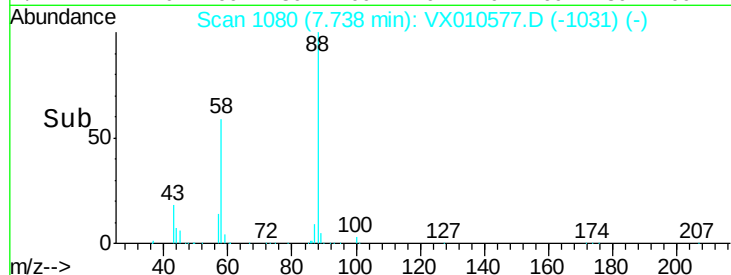
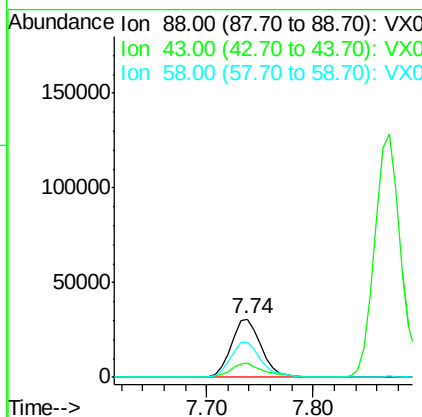
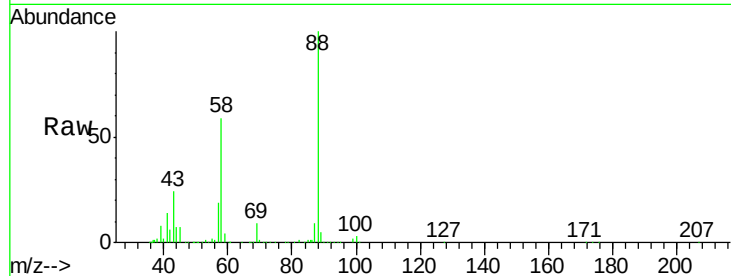
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	60699
Ion	Ratio	Lower	Upper
88	100		
43	27.5	20.2	30.2
58	62.3	49.5	74.3

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#50

Toluene-d8

Concen: 49.564 ug/l

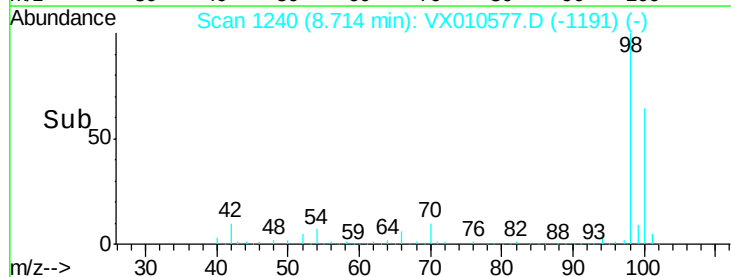
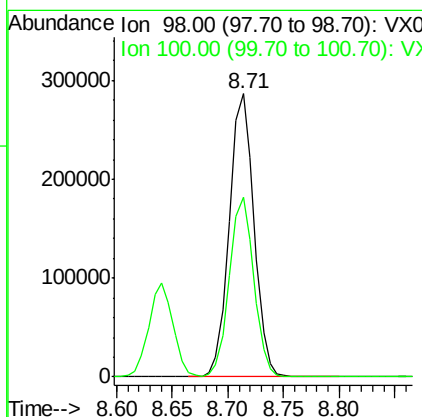
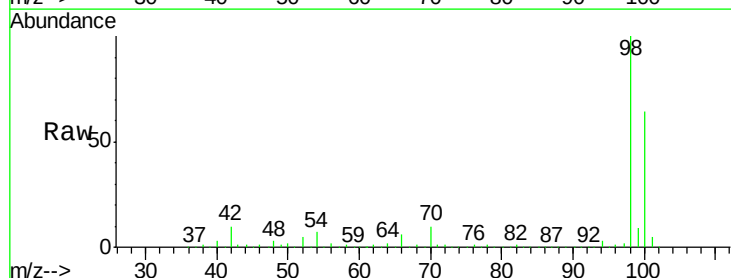
RT: 8.71 min Scan# 1240

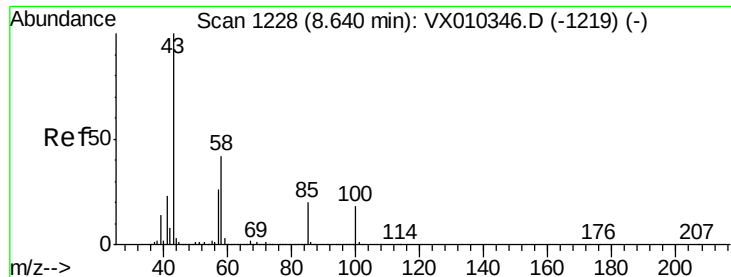
Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tgt Ion:	98	Resp:	439132
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 250.610 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 820550

Ion Ratio Lower Upper

43 100

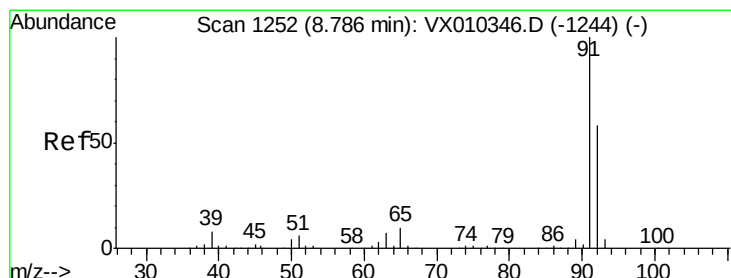
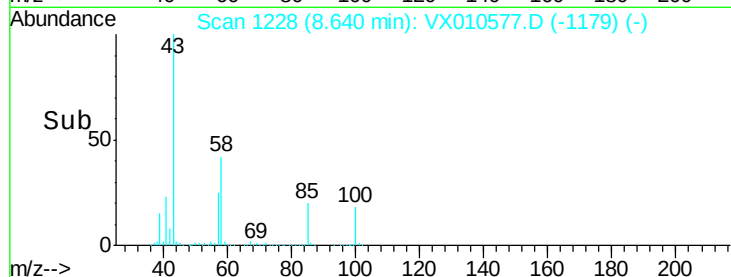
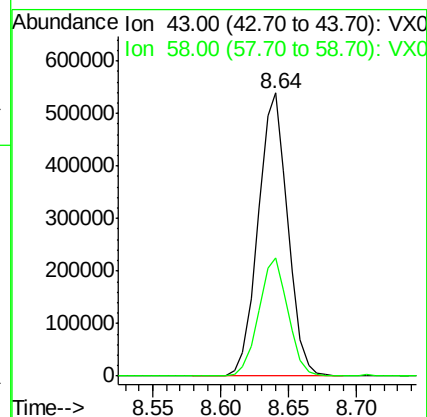
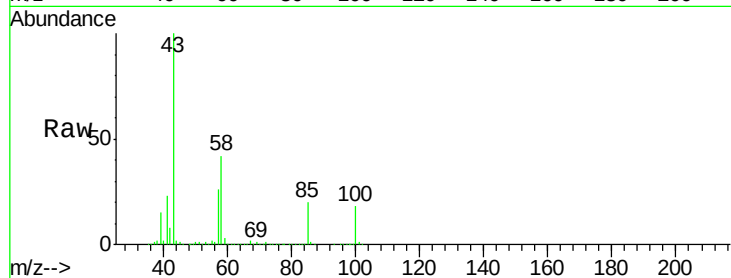
58 41.4 33.5 50.3

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#52

Toluene

Concen: 48.924 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010577.D

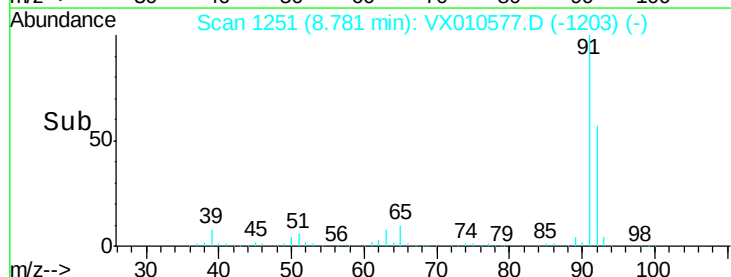
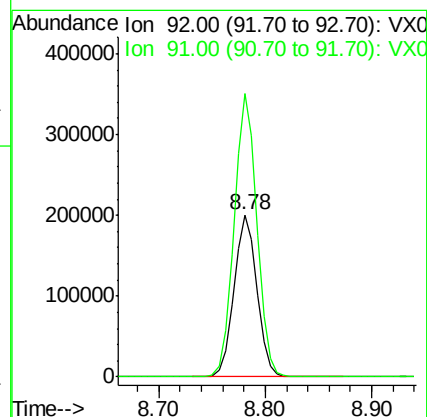
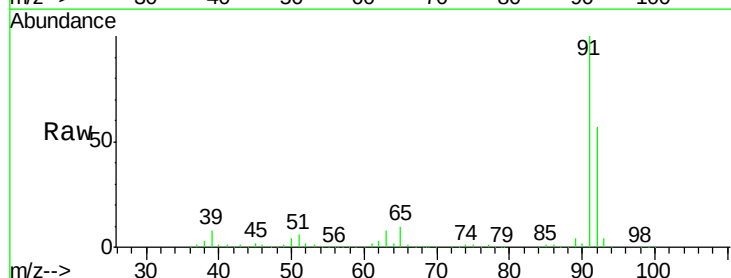
Acq: 01 Jul 2019 09:36

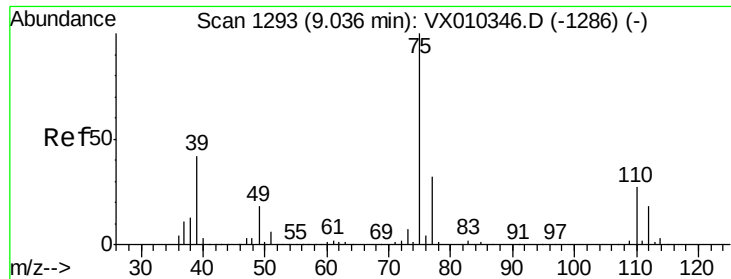
Tgt Ion: 92 Resp: 301910

Ion Ratio Lower Upper

92 100

91 174.4 139.8 209.6





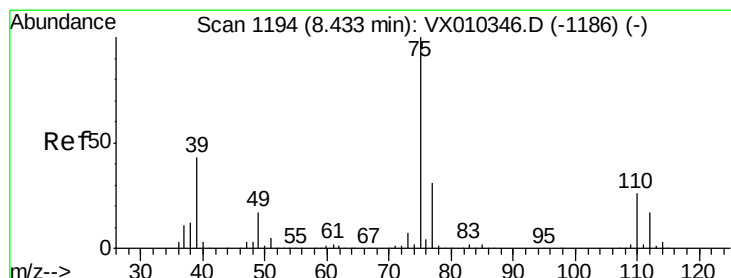
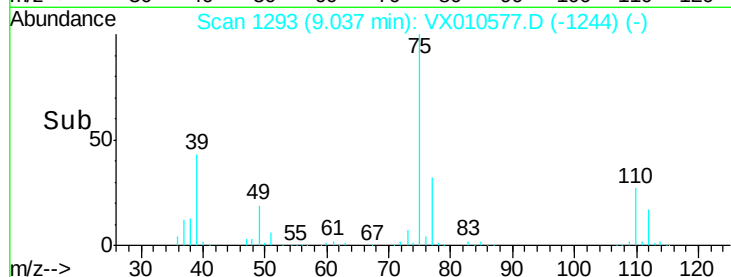
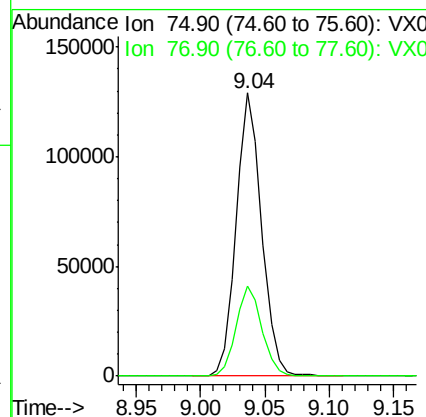
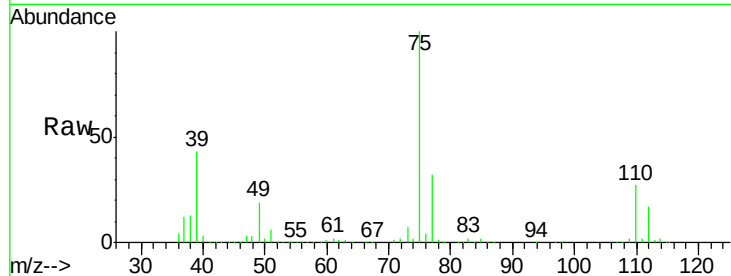
#53
t-1,3-Dichloropropene
Concen: 50.986 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 177860
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

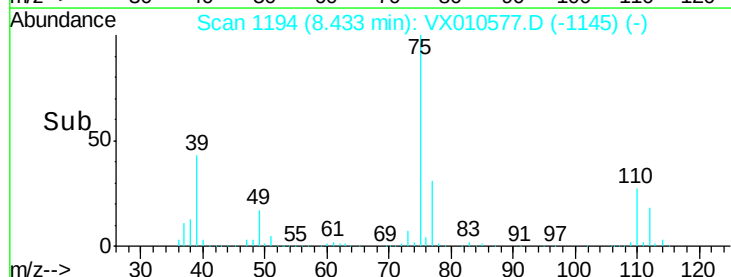
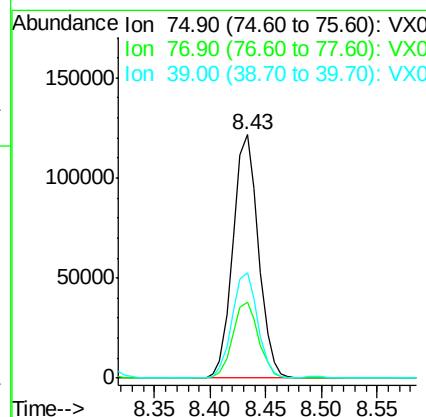
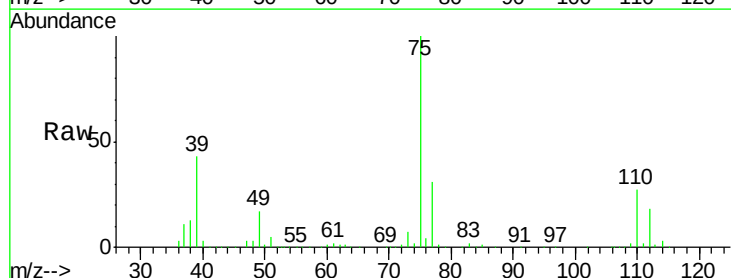
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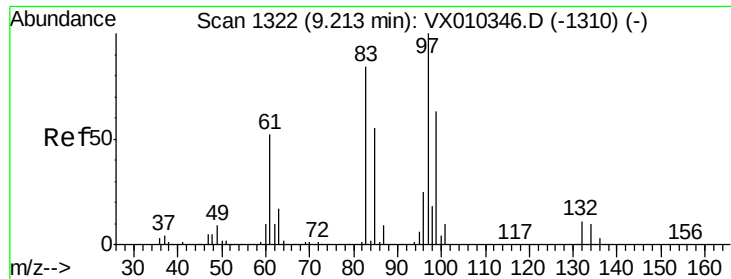
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#54
cis-1,3-Dichloropropene
Concen: 51.028 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 75 Resp: 193441
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 42.8 34.5 51.7





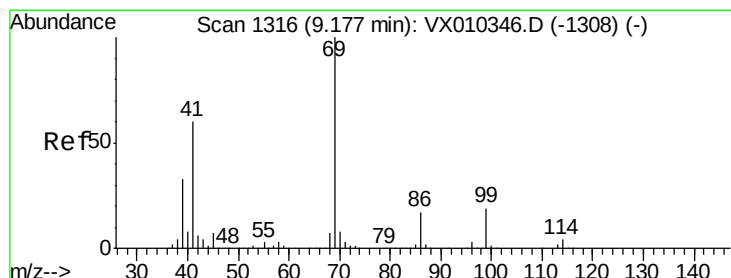
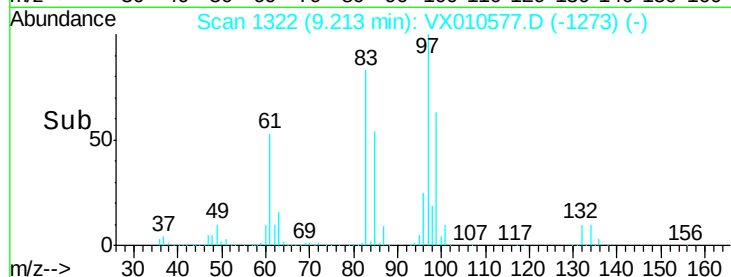
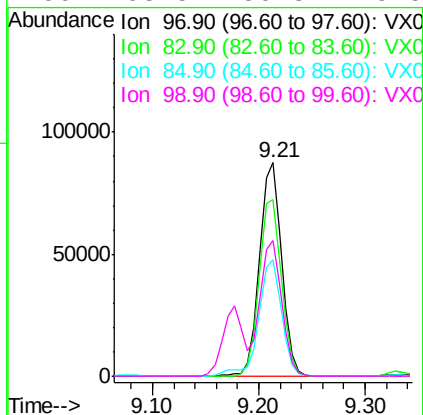
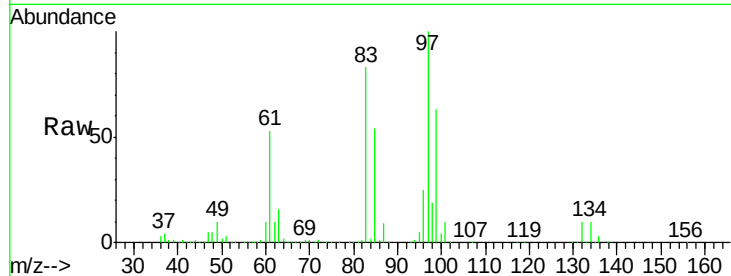
#55
 1,1,2-Trichloroethane
 Concen: 50.368 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	128189
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.4	101.0
85	54.3	43.8	65.8
99	63.5	50.3	75.5

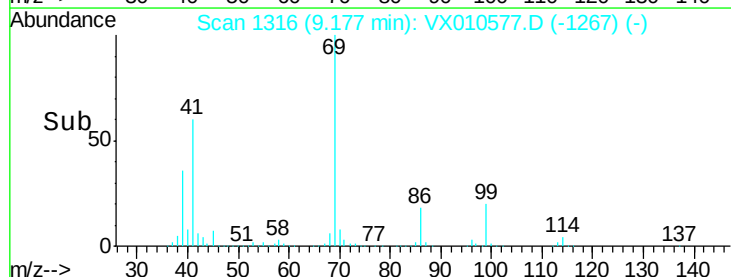
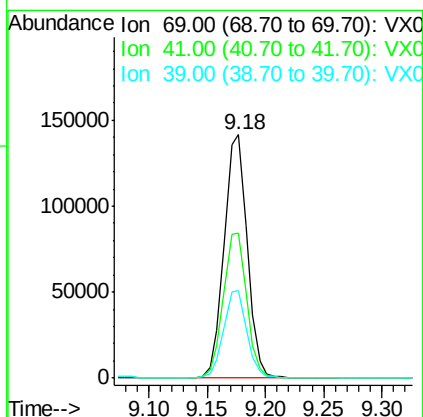
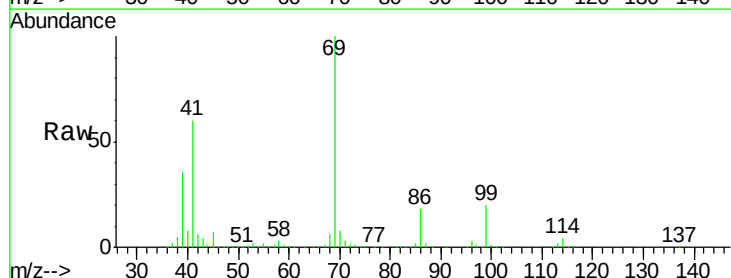
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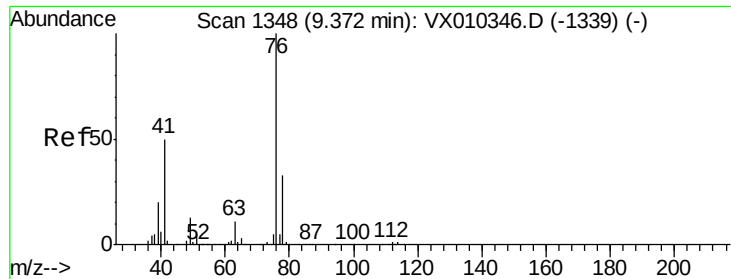
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#56
 Ethyl methacrylate
 Concen: 50.594 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion:	69	Resp:	195061
Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.1	70.7
39	35.9	26.6	40.0





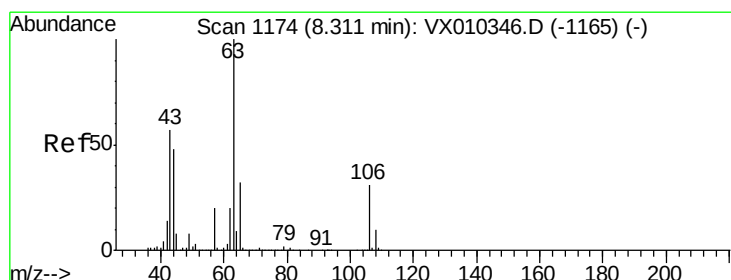
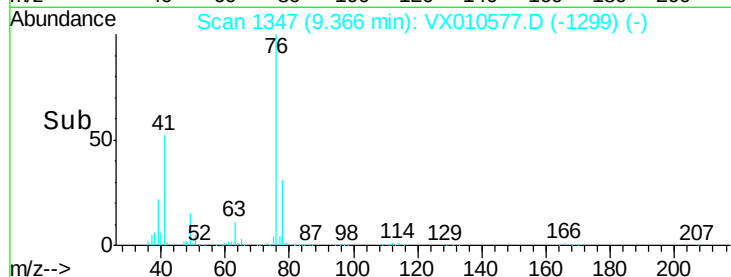
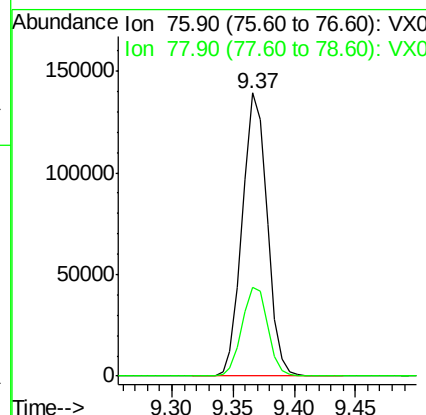
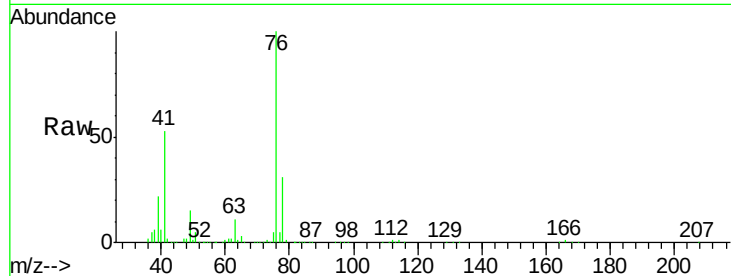
#57
 1,3-Dichloropropane
 Concen: 49.676 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1

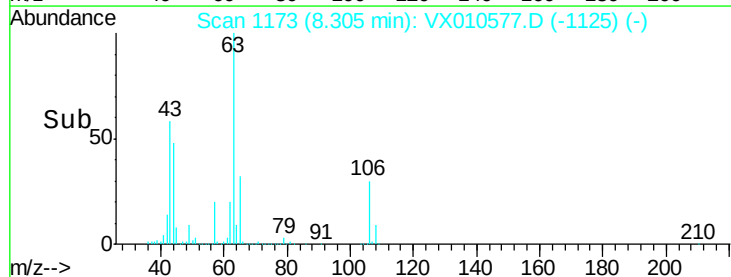
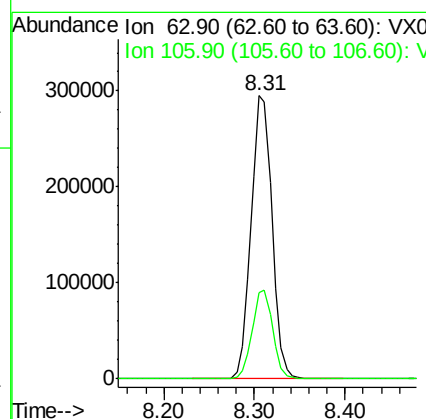
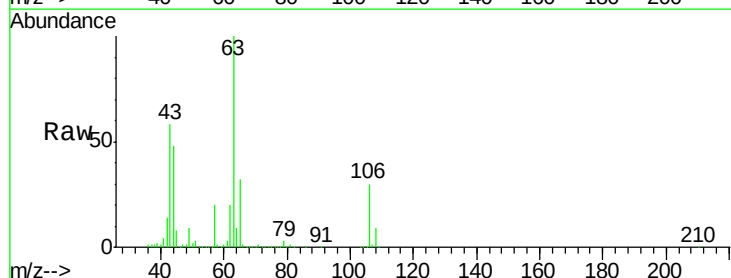
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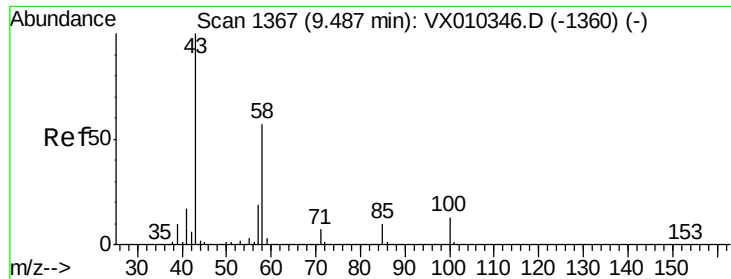
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 7/2/2019 9:55:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.520 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.8	24.7	37.1





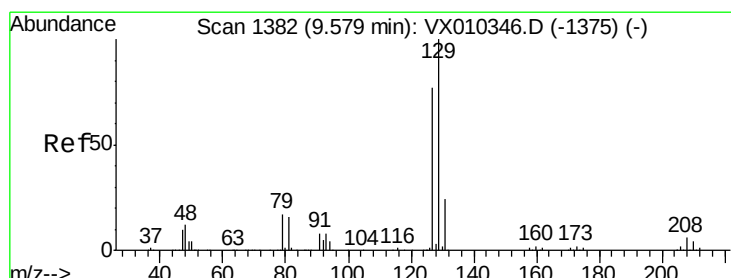
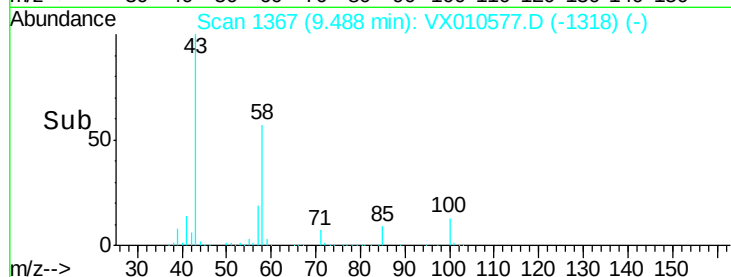
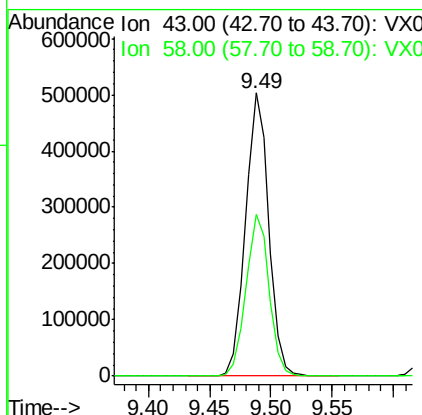
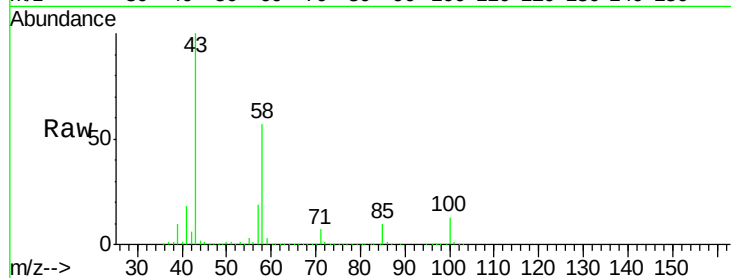
#59
2-Hexanone
Concen: 256.822 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 661811
Ion Ratio Lower Upper
43 100
58 57.3 29.0 87.1

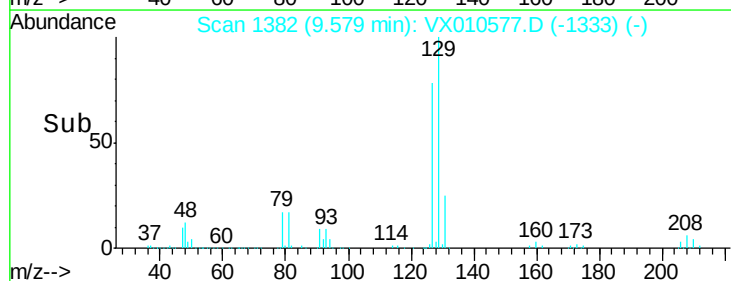
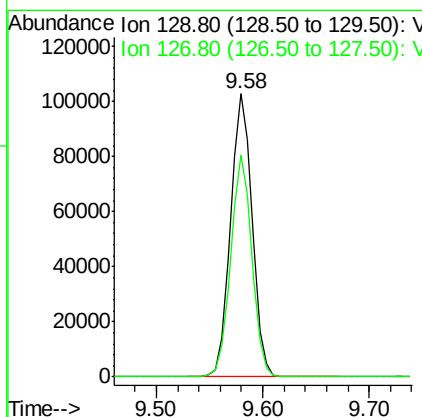
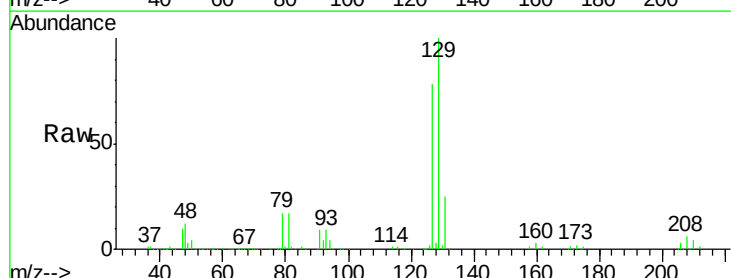
Manual Integrations
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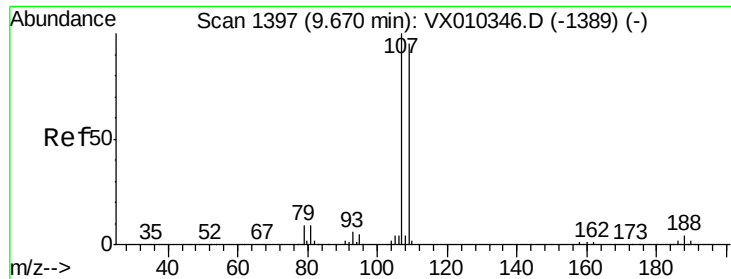
MMDadoda
7/2/2019 9:55:03 AM



#60
Dibromochloromethane
Concen: 51.386 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 129 Resp: 146429
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1





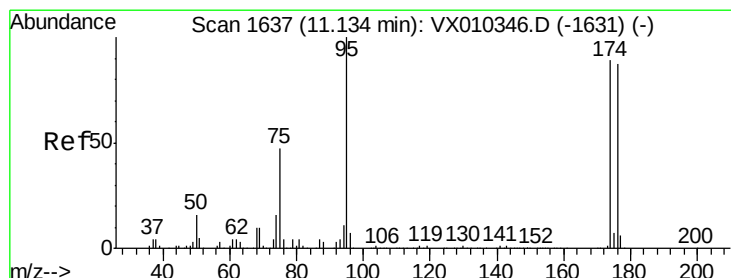
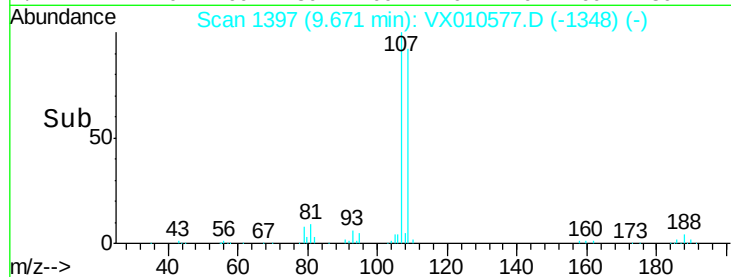
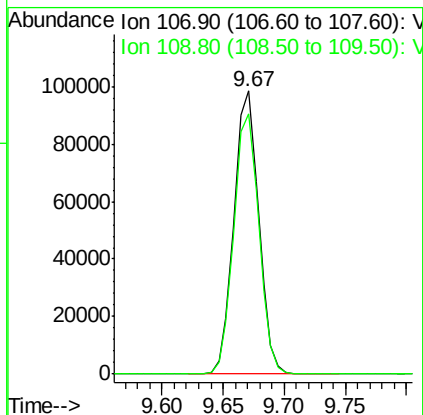
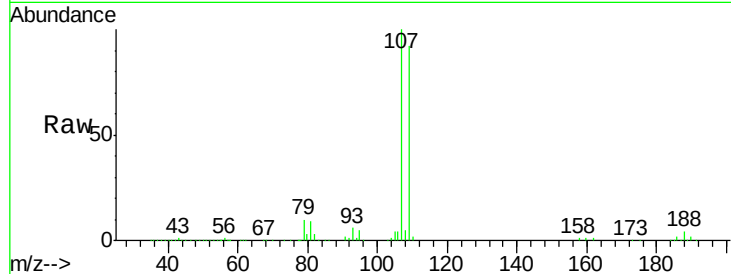
#61
 1,2-Dibromoethane
 Concen: 50.168 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.8	113.6

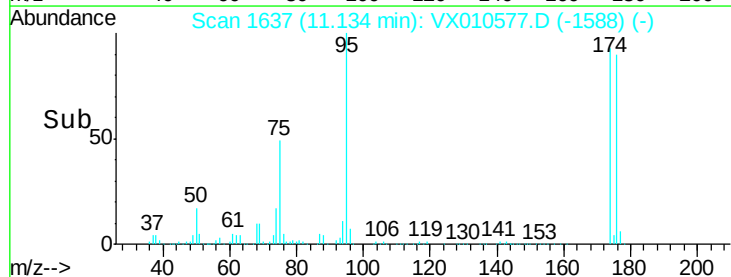
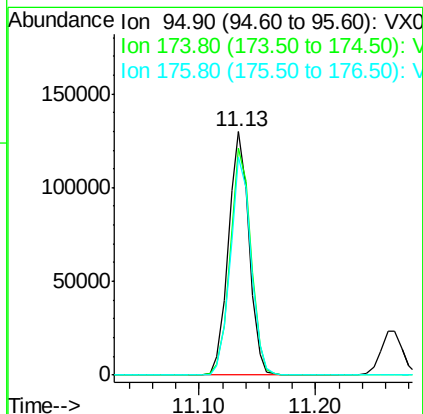
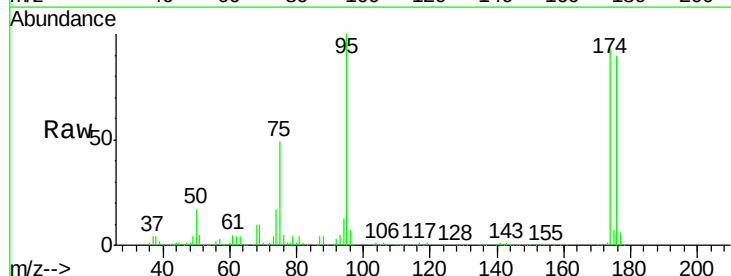
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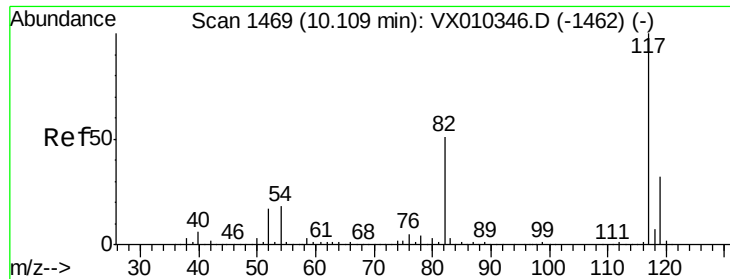
MMDadoda
 7/2/2019 9:55:03 AM



#62
 4-Bromofluorobenzene
 Concen: 49.876 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	187.6
176	89.9	0.0	184.0





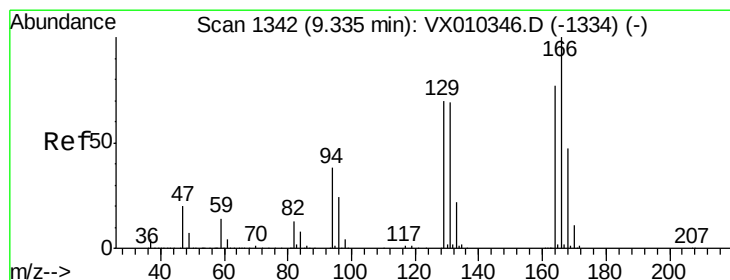
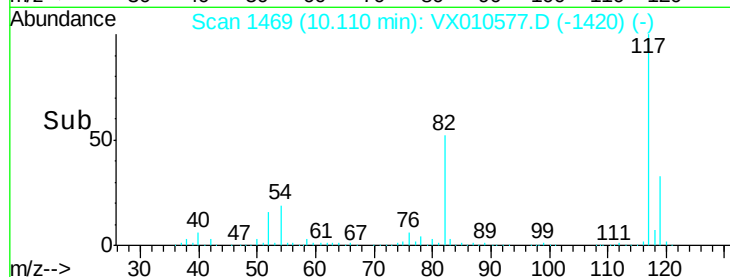
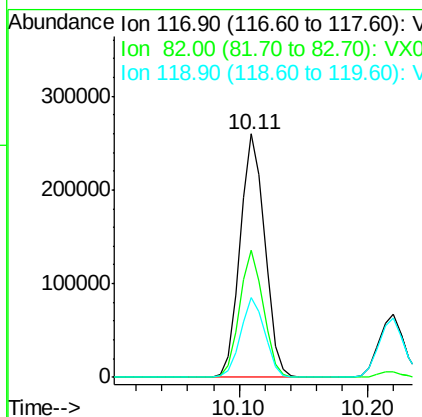
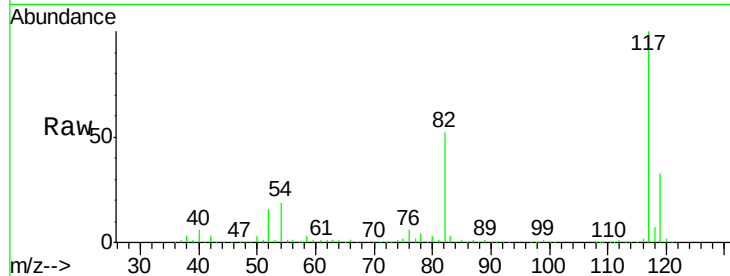
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.2	61.8
119	32.9	25.5	38.3

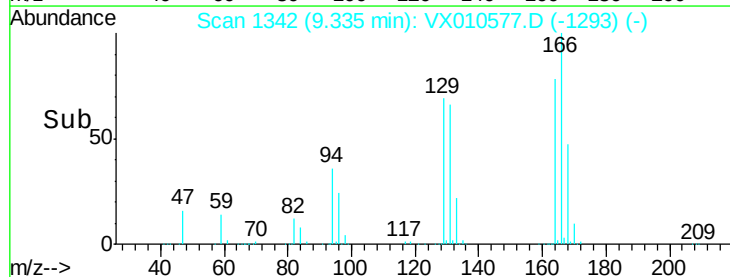
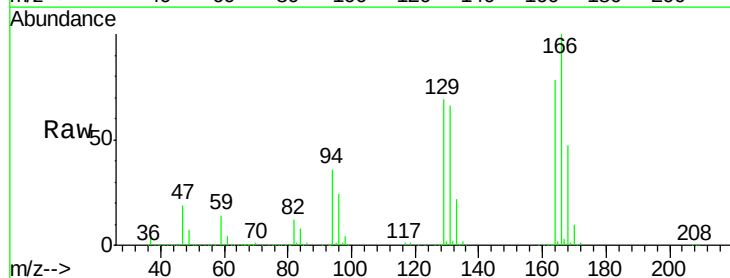
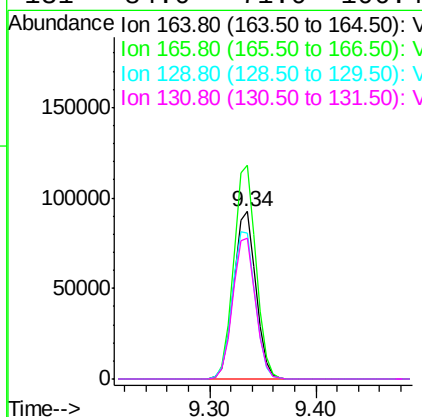
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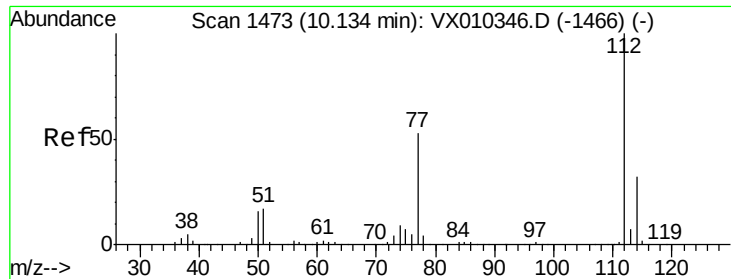
MMDadoda
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#64
Tetrachloroethene
Concen: 48.895 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	103.6	155.4
129	87.6	73.0	109.4
131	84.0	71.0	106.4





#65

Chlorobenzene

Concen: 49.622 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 345934

Ion Ratio Lower Upper

112 100

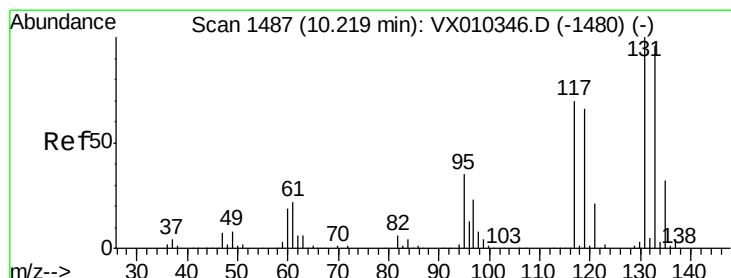
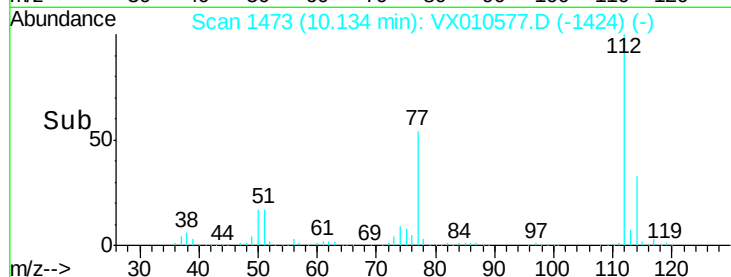
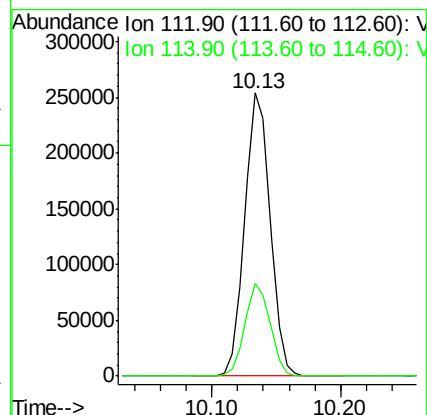
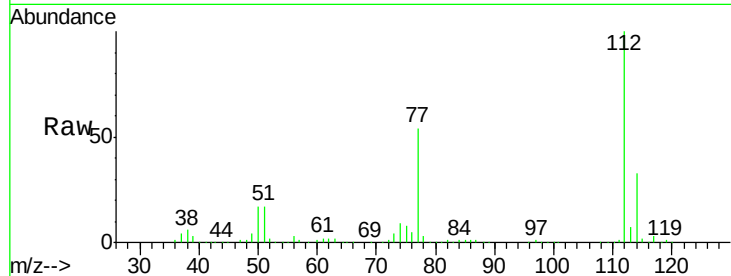
114 32.6 25.4 38.2

Manual Integrations

APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.183 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

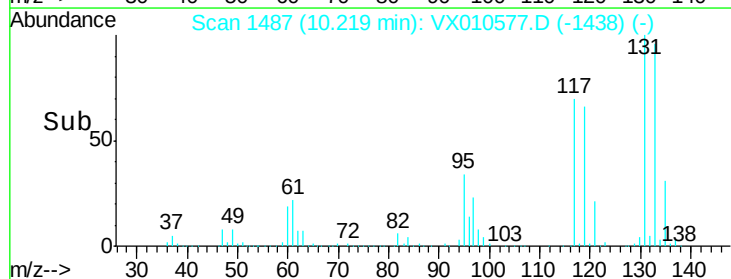
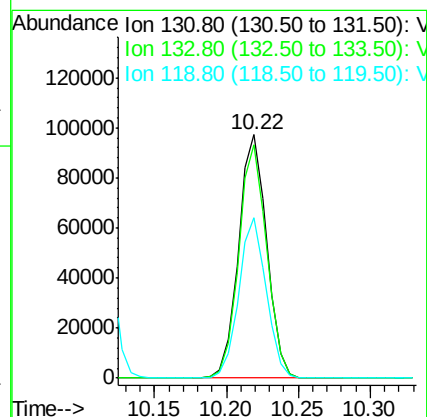
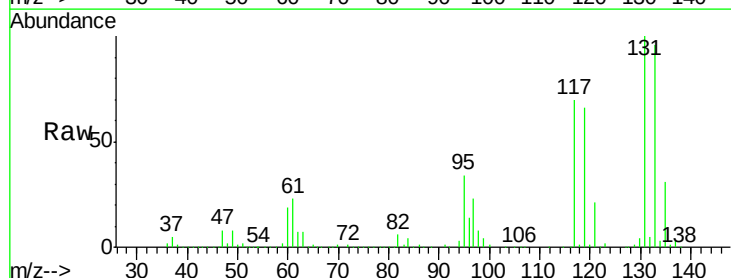
Tgt Ion:131 Resp: 132511

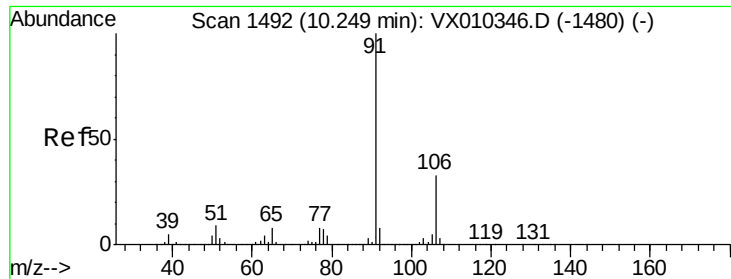
Ion Ratio Lower Upper

131 100

133 95.1 47.7 143.1

119 64.4 32.6 97.7





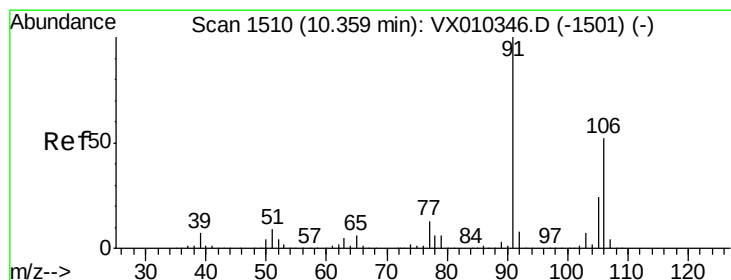
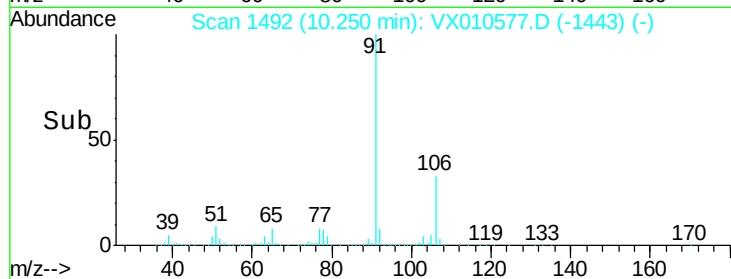
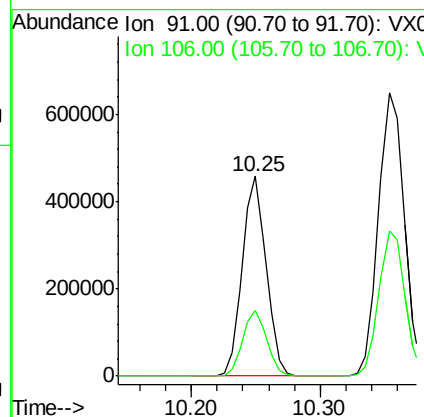
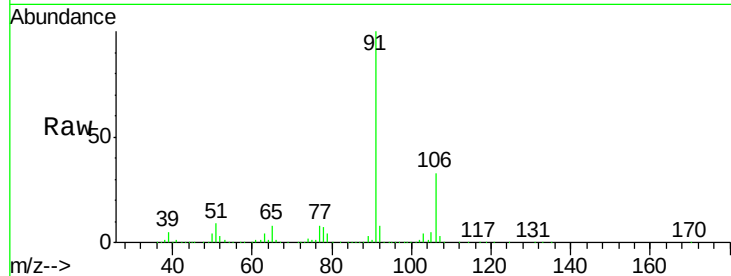
#67
Ethyl Benzene
Concen: 50.156 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 590299
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2

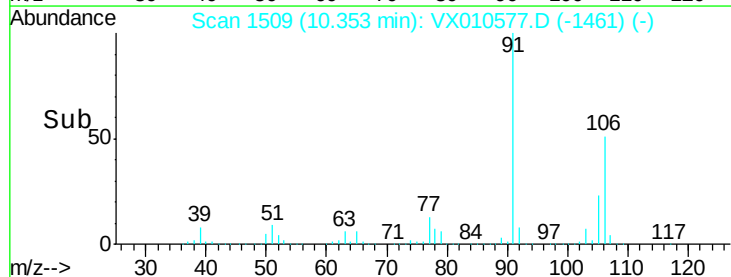
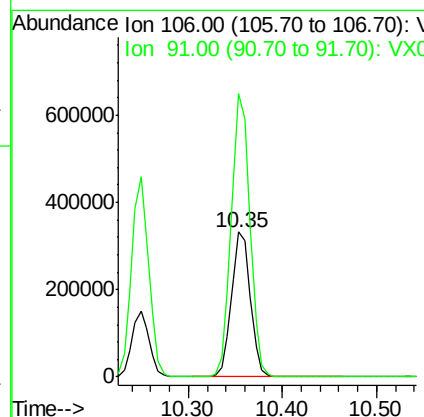
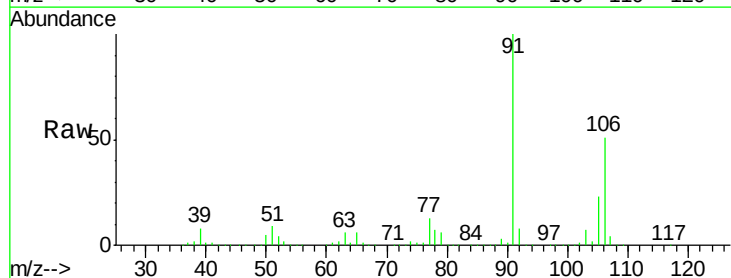
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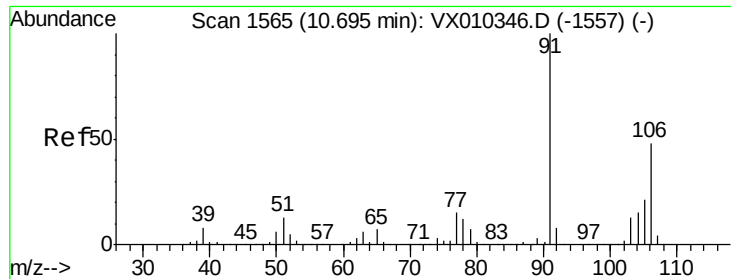
MMDadoda
7/2/2019 9:55:03 AM



#68
m/p-Xylenes
Concen: 101.110 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion: 106 Resp: 461096
Ion Ratio Lower Upper
106 100
91 193.9 155.3 232.9





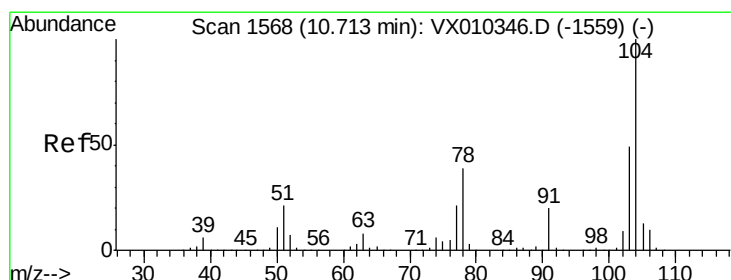
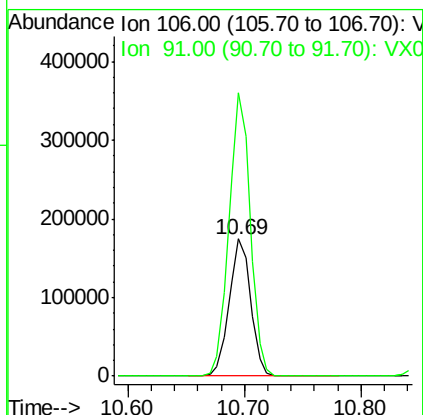
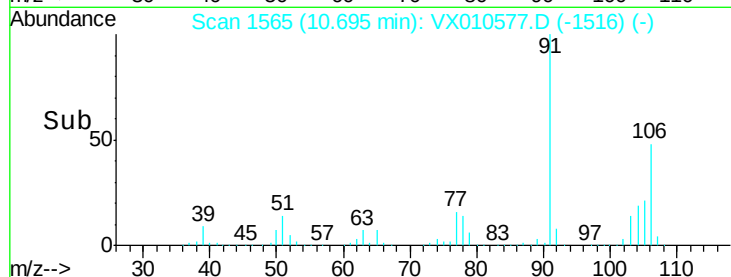
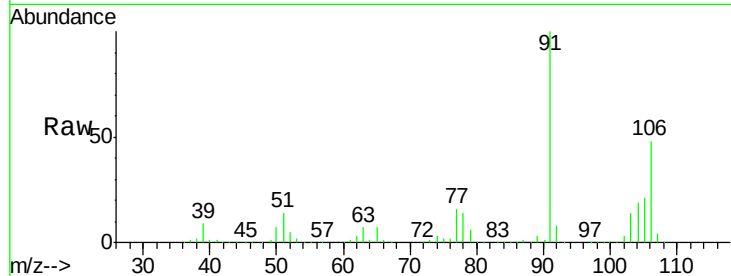
#69
o-Xylene
Concen: 49.946 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 223992
Ion Ratio Lower Upper
106 100
91 204.8 102.7 308.1

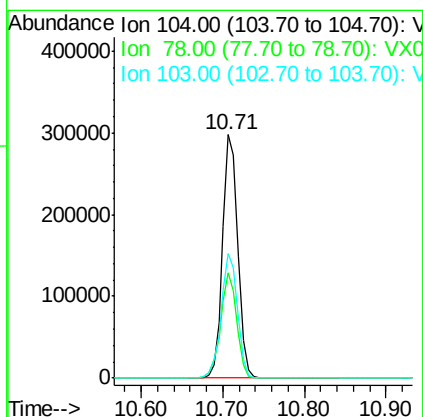
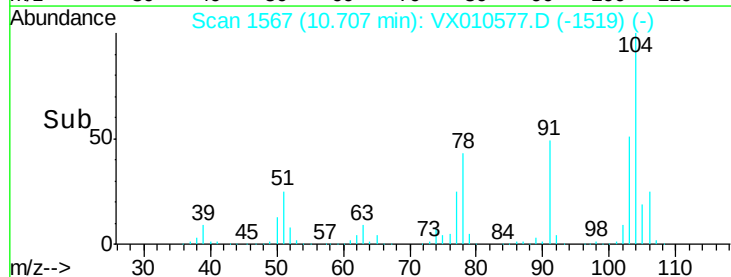
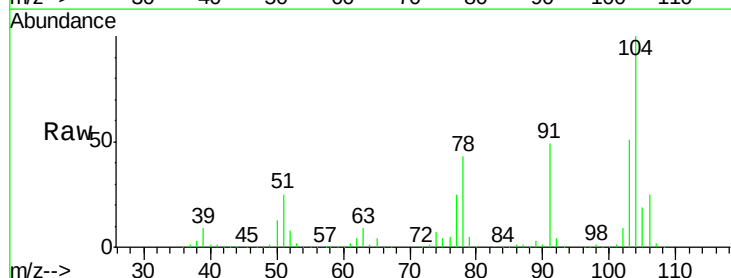
Manual Integrations
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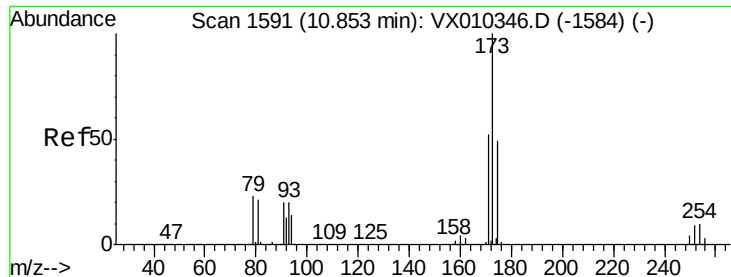
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#70
Styrene
Concen: 51.424 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion:104 Resp: 386757
Ion Ratio Lower Upper
104 100
78 46.0 36.2 54.2
103 54.9 44.2 66.4





#71

Bromoform

Concen: 51.412 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

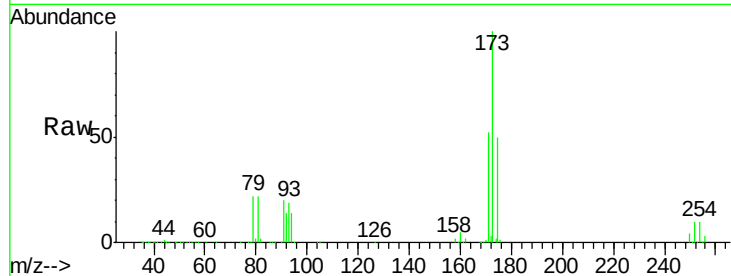
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.1	72.3
254	0.1	0.2	0.2

Manual Integrations
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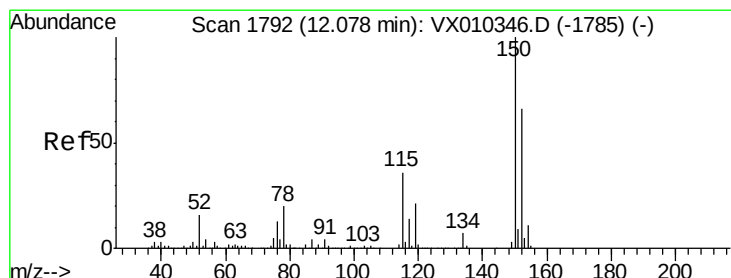
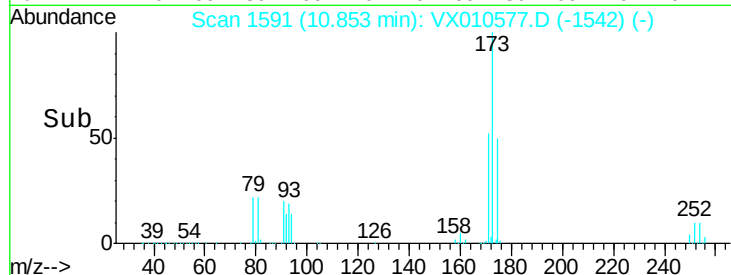
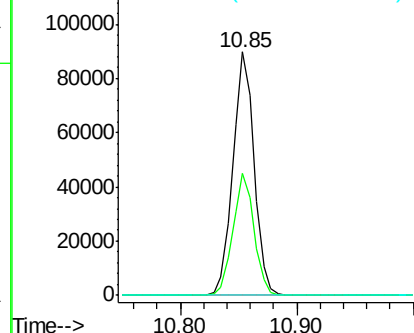


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

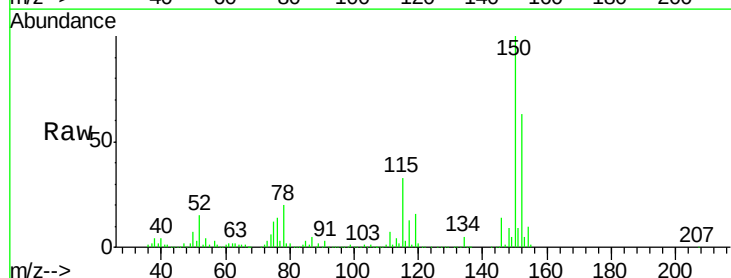
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	38.6	115.7
150	173.1	0.0	347.4

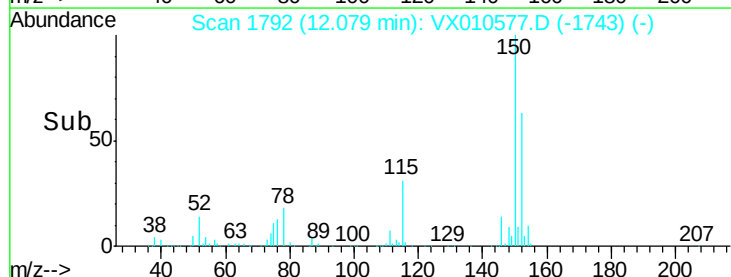
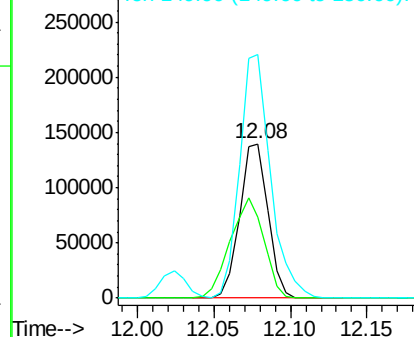


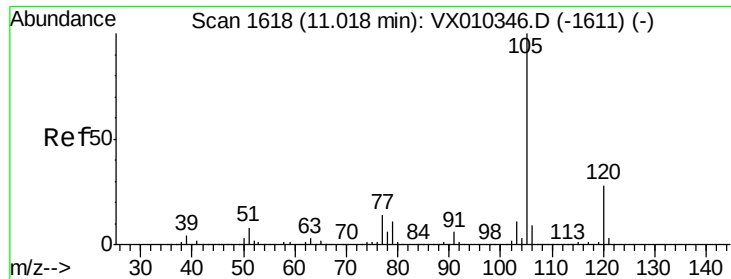
Abundance

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: 49.793 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 601533

Ion Ratio Lower Upper

105 100

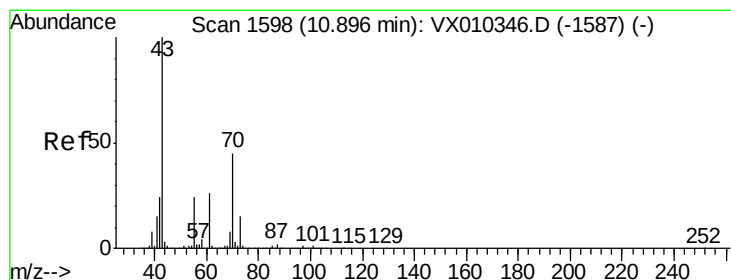
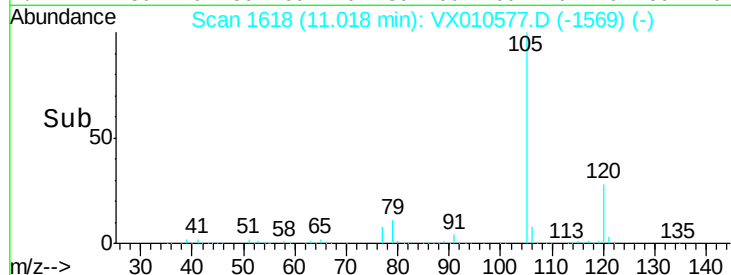
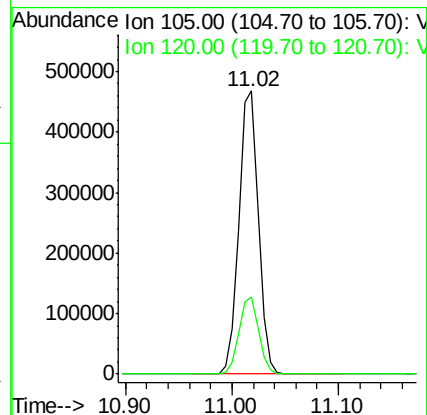
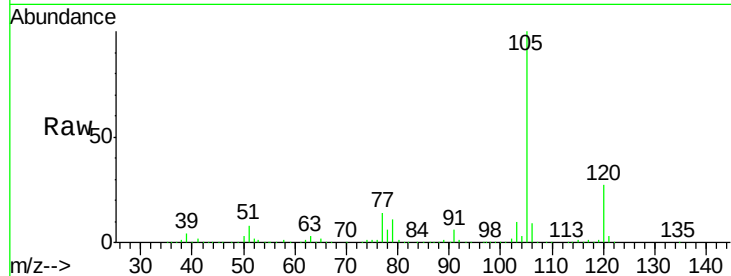
120 27.5 14.1 42.4

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#74

N-ethyl acetate

Concen: 50.665 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tgt Ion: 43 Resp: 231316

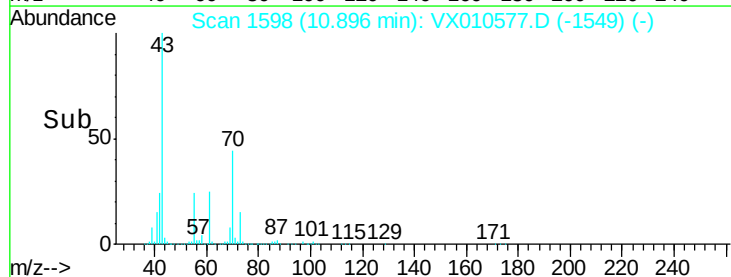
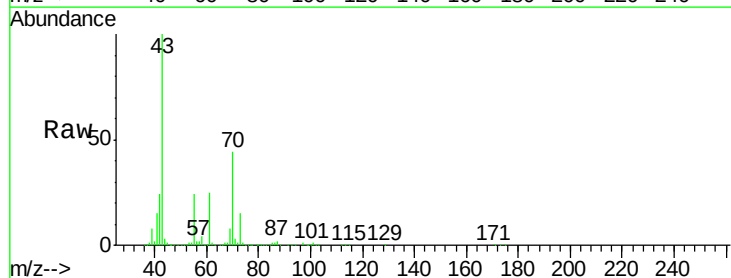
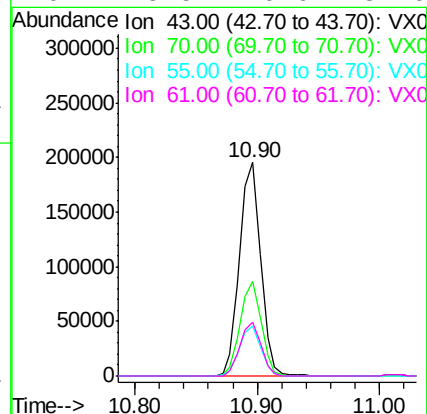
Ion Ratio Lower Upper

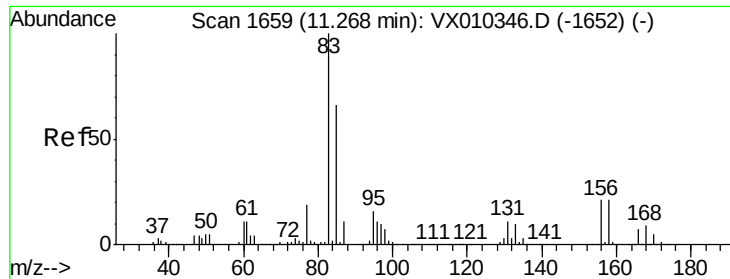
43 100

70 44.6 36.6 54.8

55 24.2 18.7 28.1

61 25.5 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.055 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 192258
Ion Ratio Lower Upper

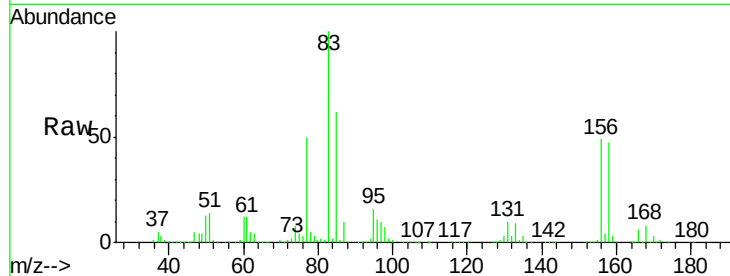
83 100

131 11.1 5.5 16.4

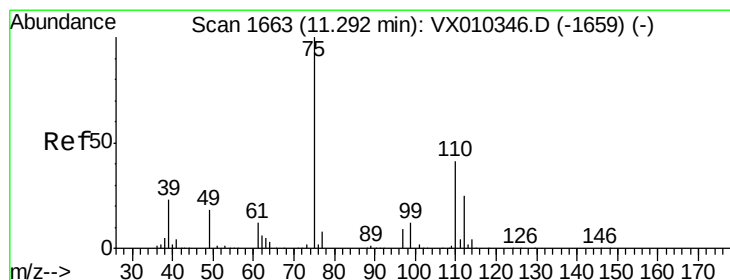
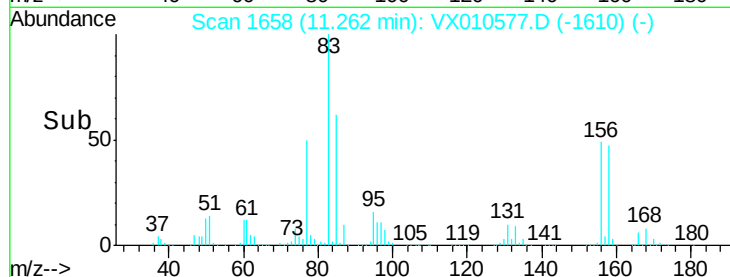
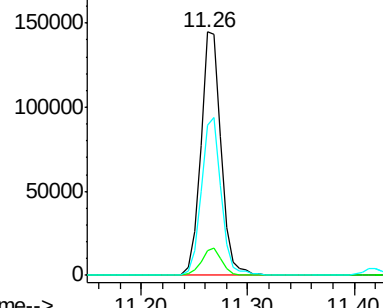
85 64.2 32.3 96.8

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



#76

1,2,3-Trichloropropane

Concen: 50.771 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

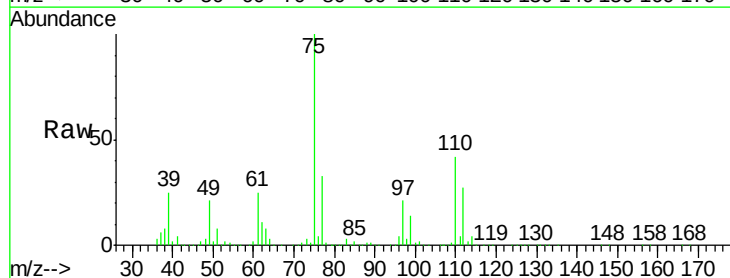
Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

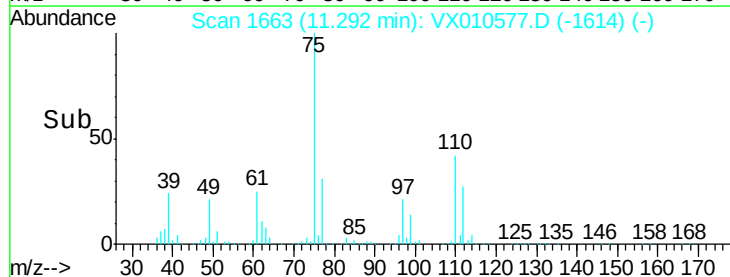
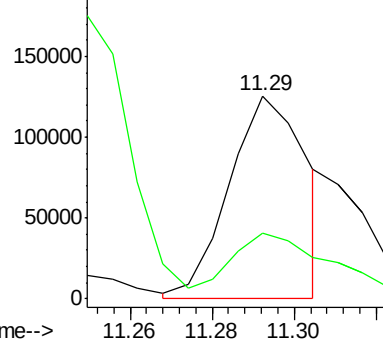
Tgt Ion: 75 Resp: 164882
Ion Ratio Lower Upper

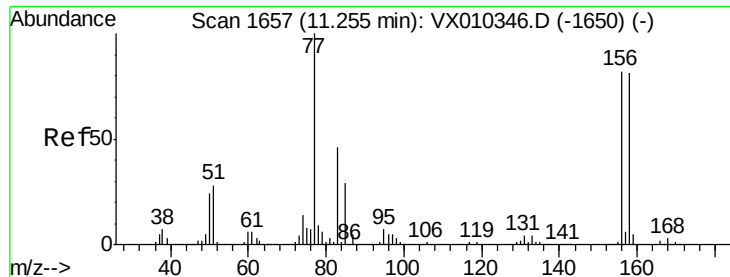
75 100

77 42.6 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: 48.432 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

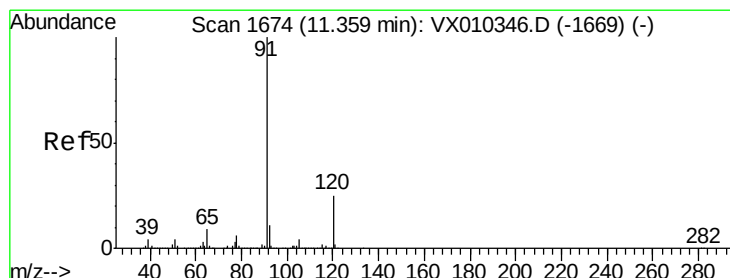
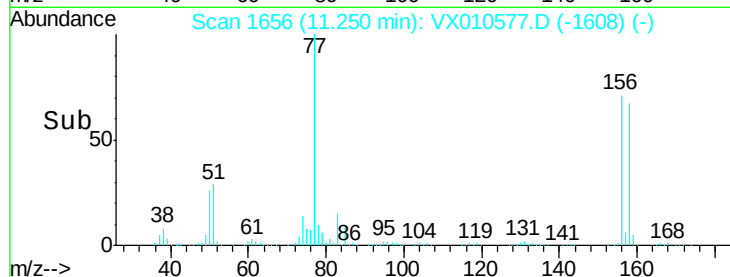
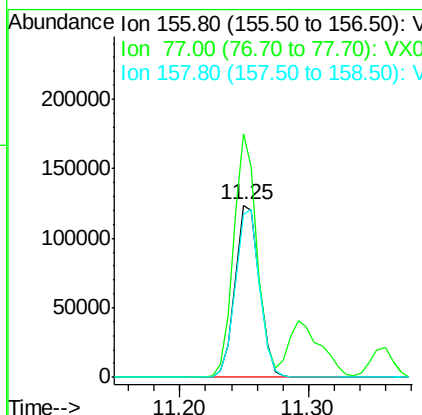
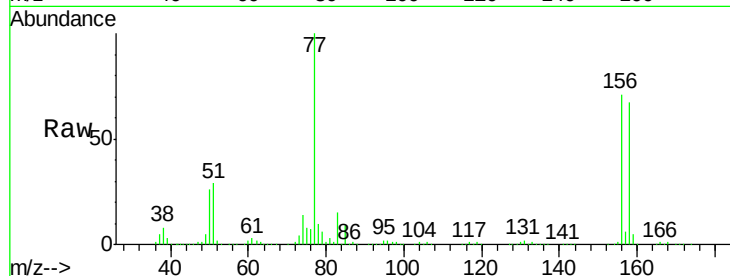
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	163375
Ion Ratio	Lower	Upper	
156	100		
77	134.9	66.3	198.7
158	96.8	48.9	146.7

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#78

n-propylbenzene

Concen: 51.053 ug/l

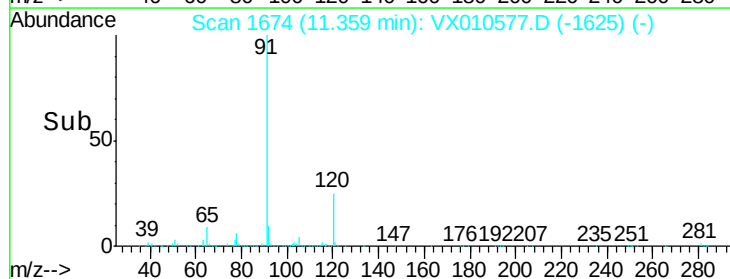
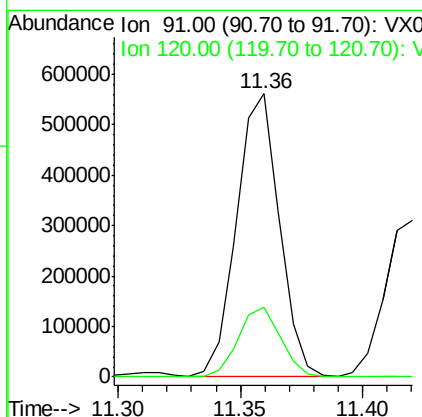
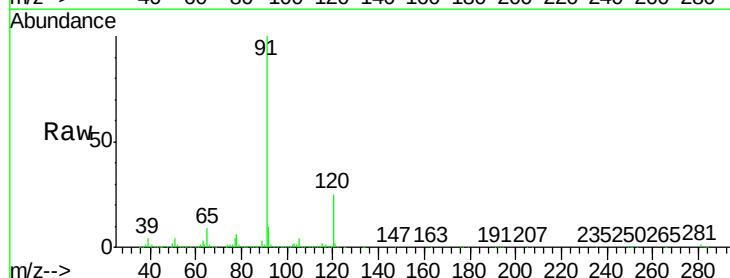
RT: 11.36 min Scan# 1674

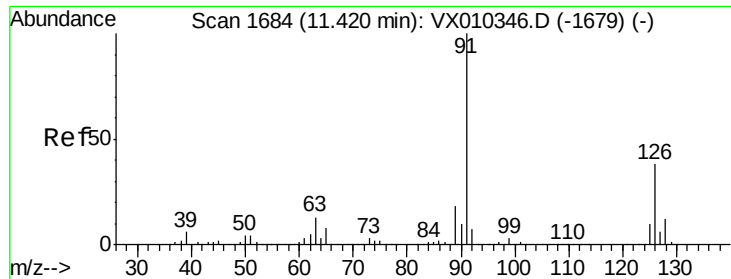
Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tgt Ion:	91	Resp:	677842
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.4	37.4





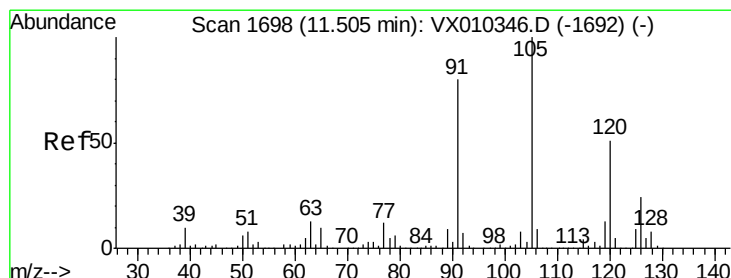
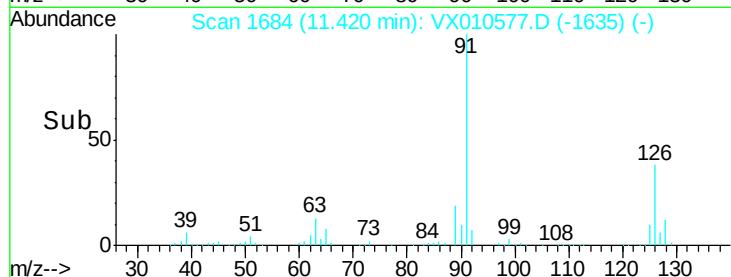
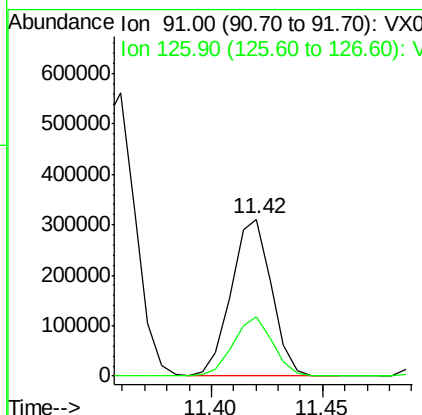
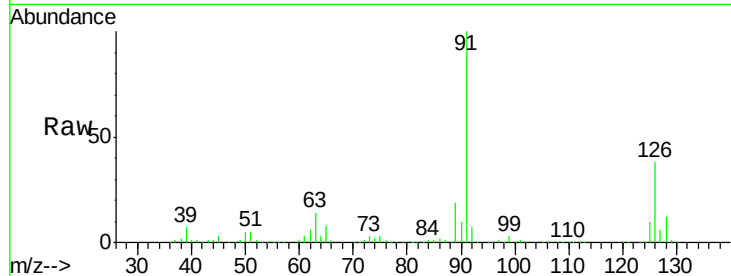
#79
 2-Chlorotoluene
 Concen: 49.310 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 389859
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.7 56.1

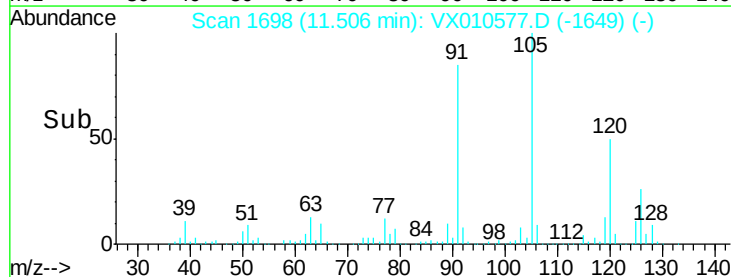
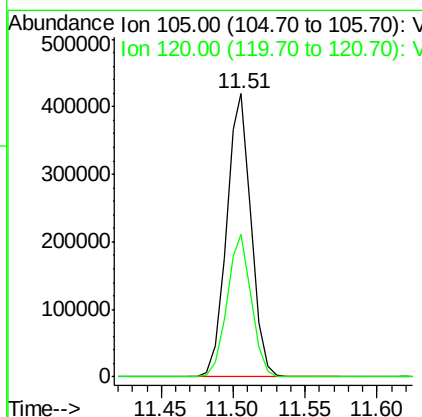
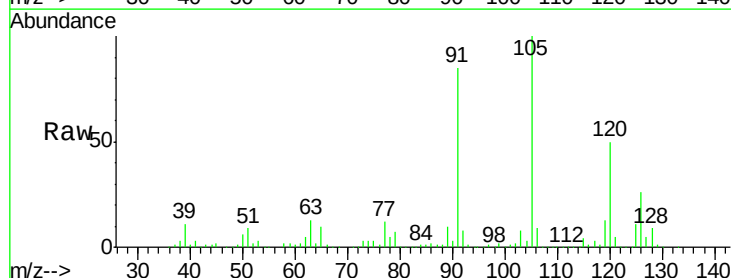
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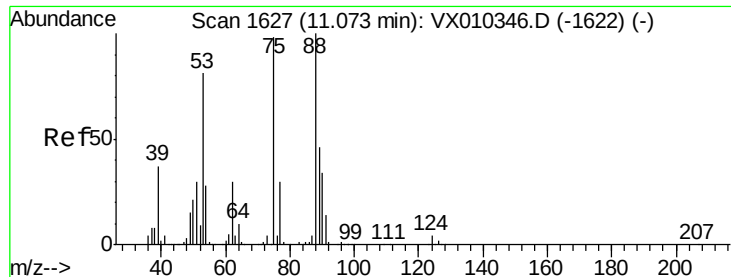
MMDadoda
 7/2/2019 9:55:03 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.267 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion: 105 Resp: 500613
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.2 75.6





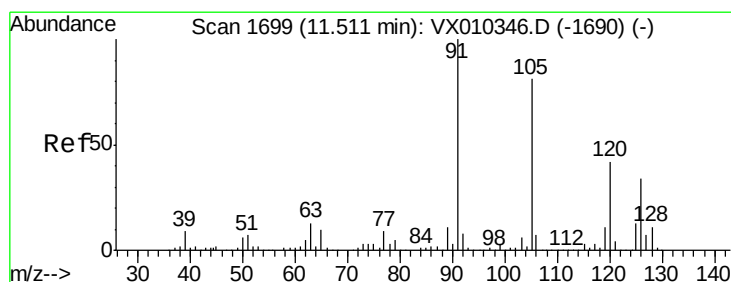
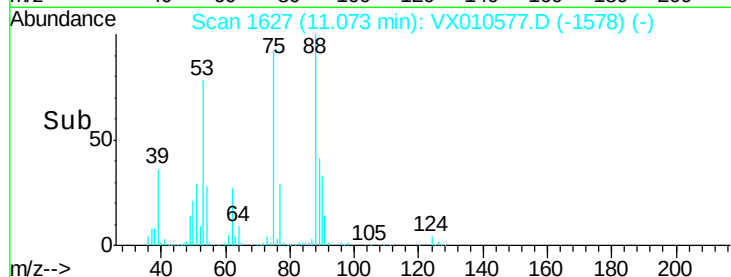
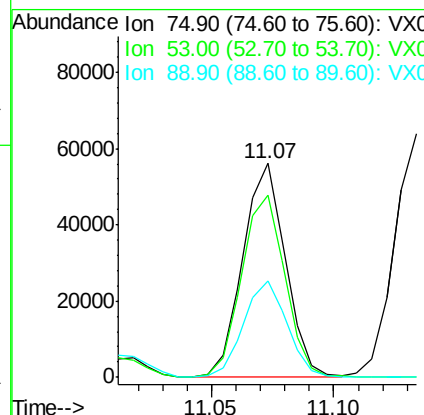
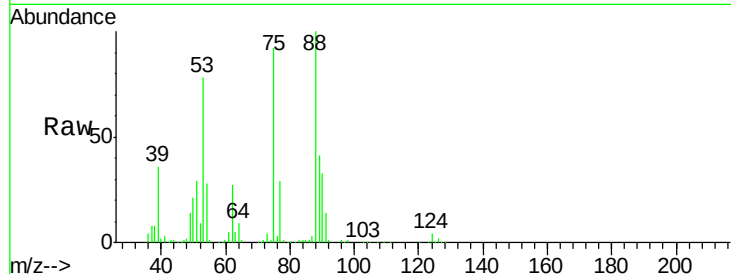
#81
trans-1,4-Dichloro-2-butene
Concen: 48.741 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.8	66.1	99.1
89	46.2	37.8	56.6

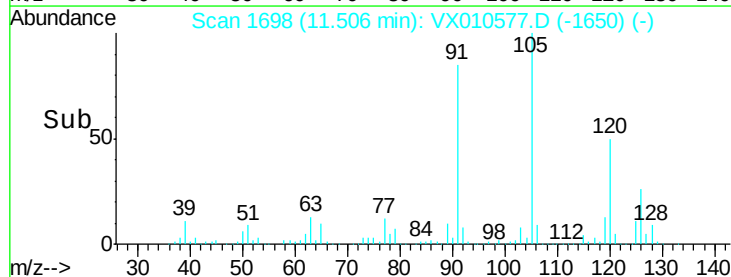
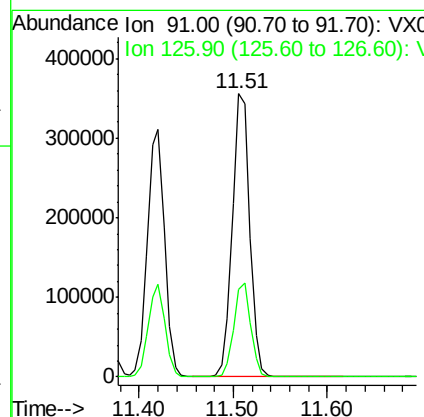
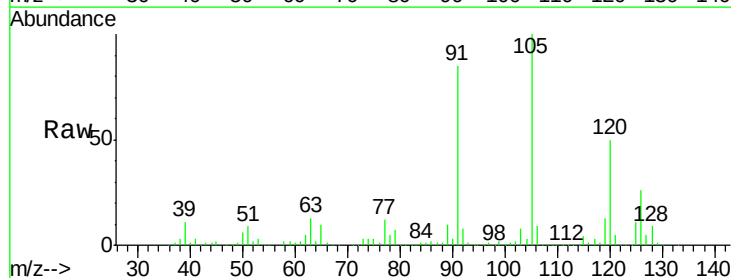
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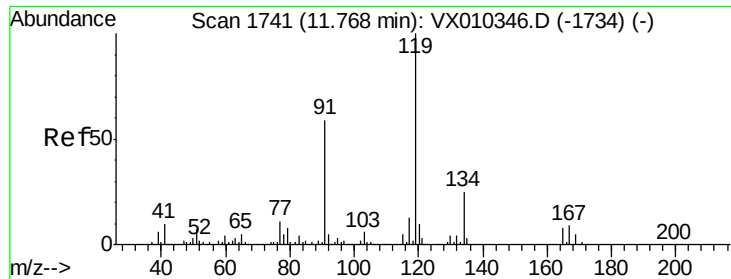
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#82
4-Chlorotoluene
Concen: 50.811 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.6





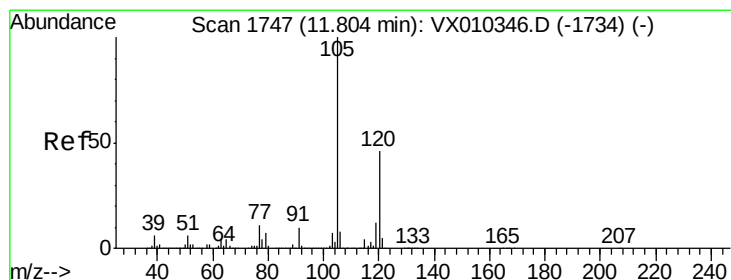
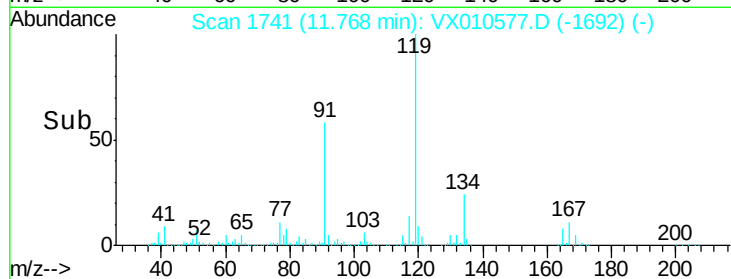
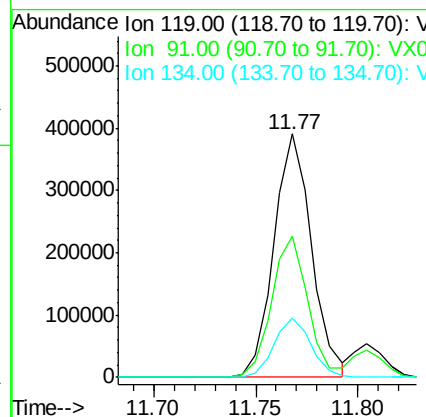
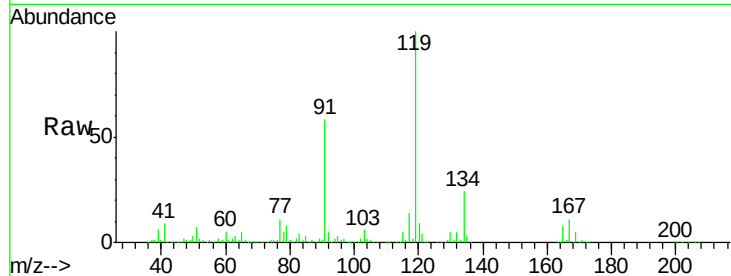
#83
 tert-Butylbenzene
 Concen: 50.375 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.6	82.7
134	23.7	11.8	35.4

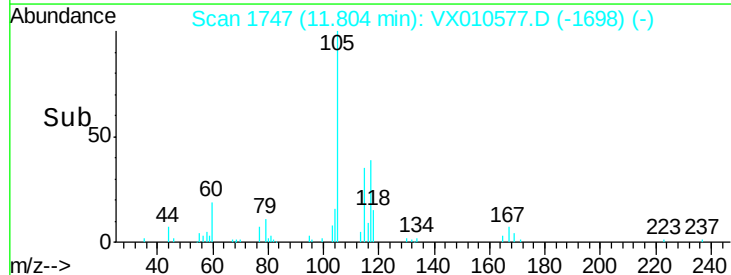
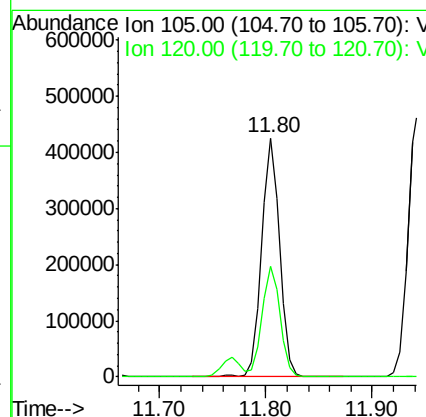
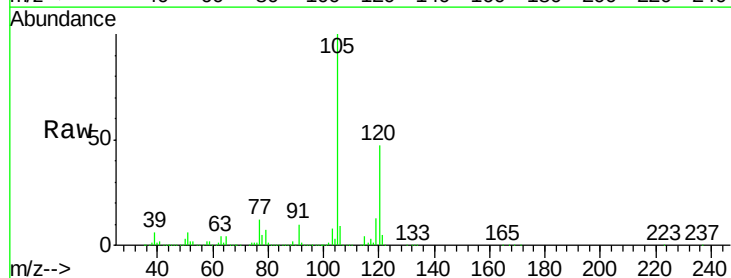
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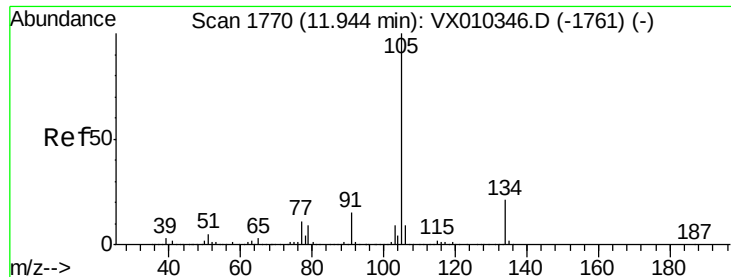
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.504 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 51.414 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 603418

Ion Ratio Lower Upper

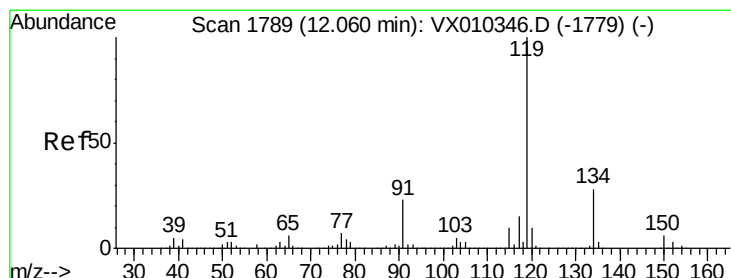
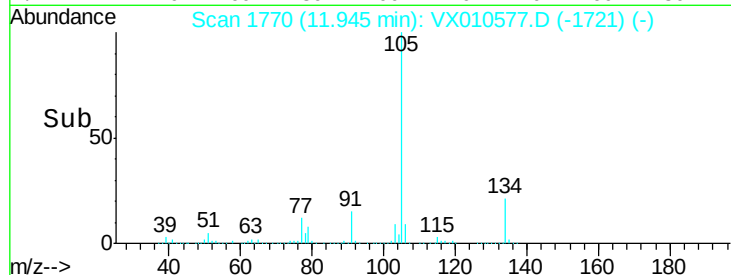
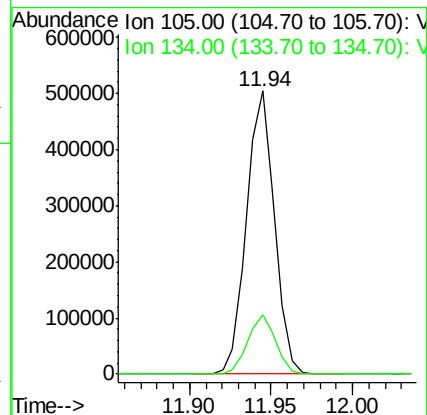
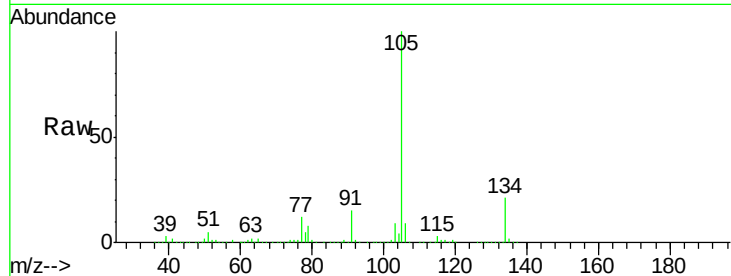
105 100

134 20.8 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 51.261 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

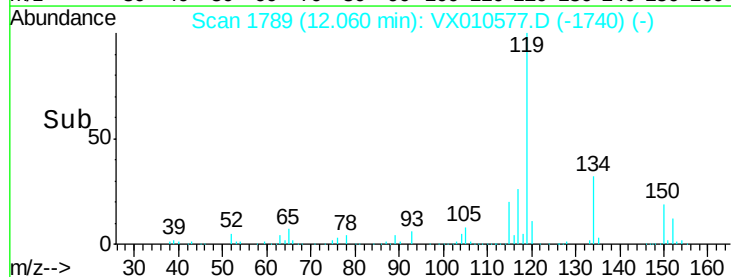
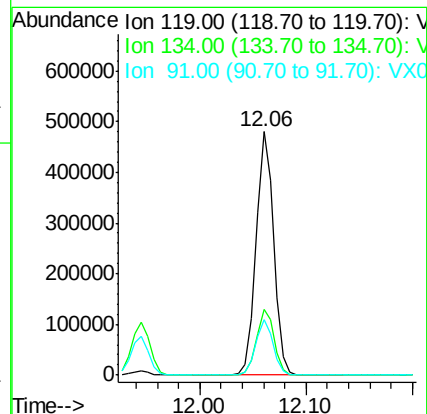
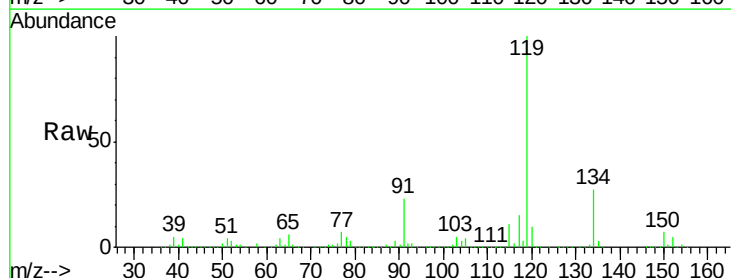
Tgt Ion:119 Resp: 556479

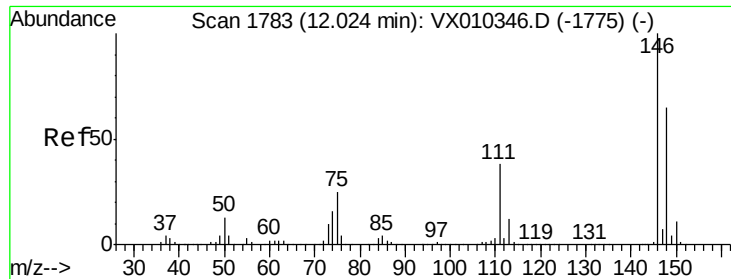
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 22.7 11.3 33.8





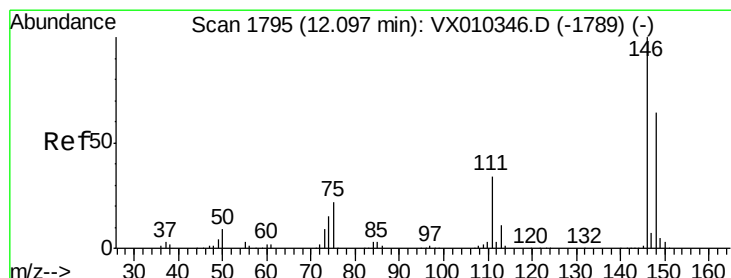
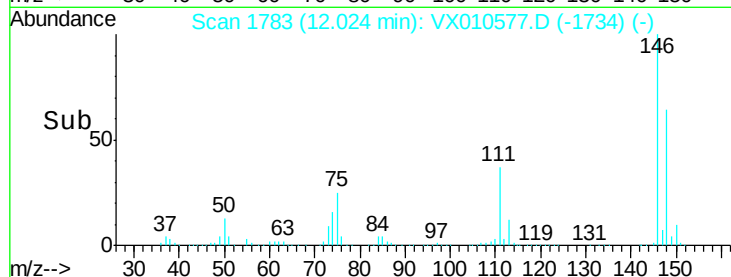
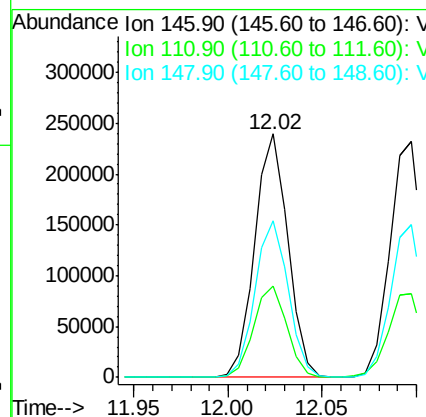
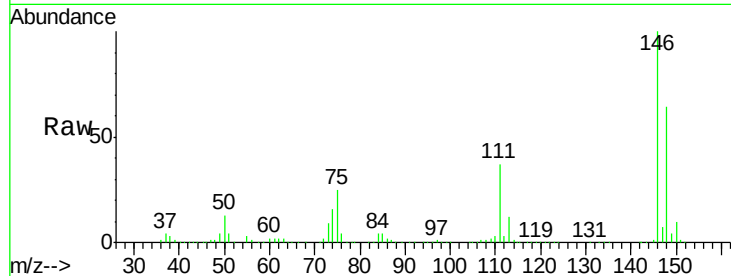
#87
 1,3-Dichlorobenzene
 Concen: 49.695 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	64.4	32.5	97.4

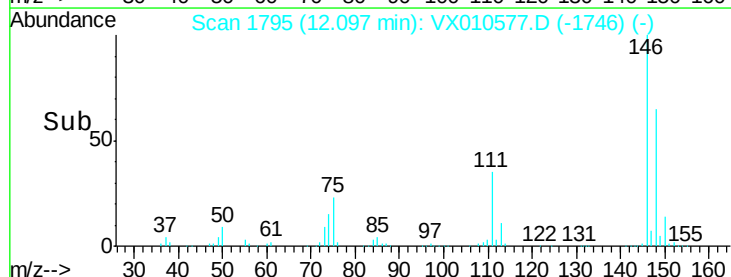
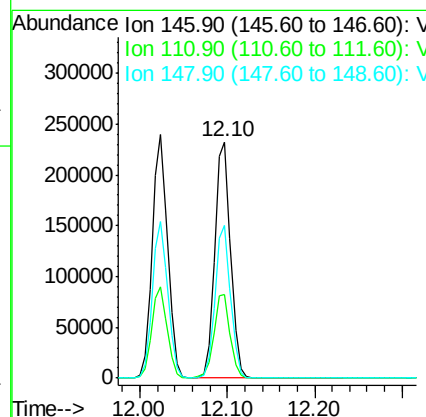
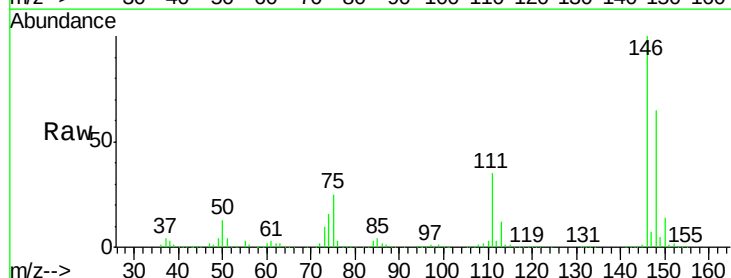
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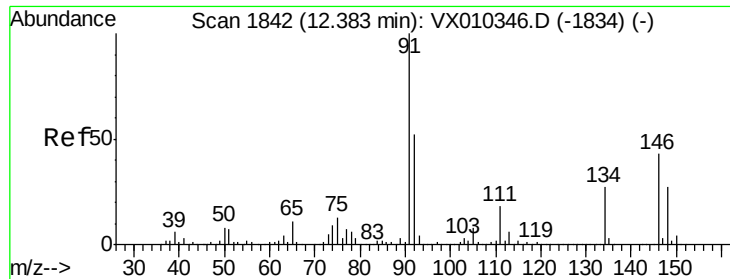
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#88
 1,4-Dichlorobenzene
 Concen: 48.801 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.3
148	63.8	32.1	96.3





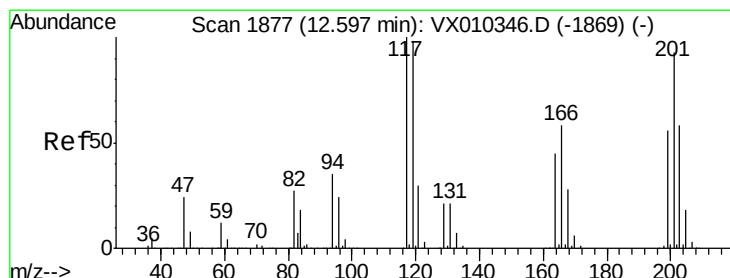
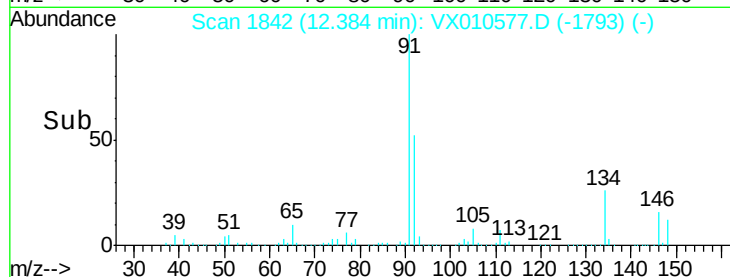
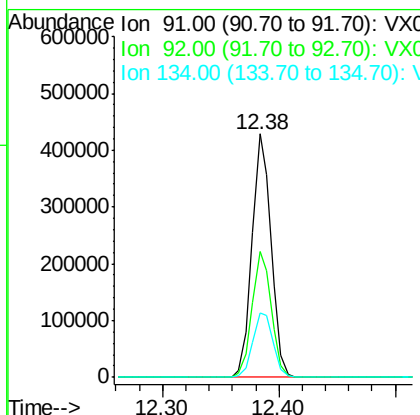
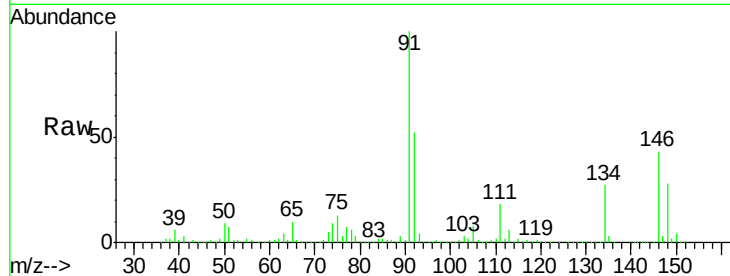
#89
n-Butylbenzene
Concen: 53.241 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	28.2	14.1	42.4

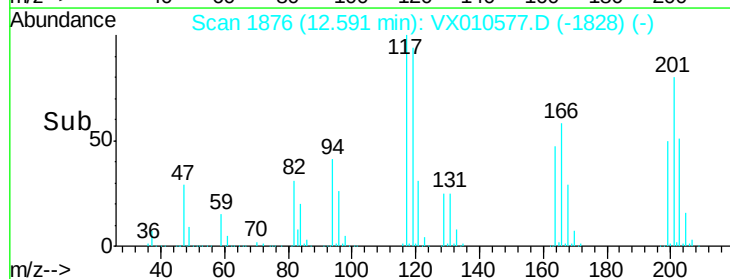
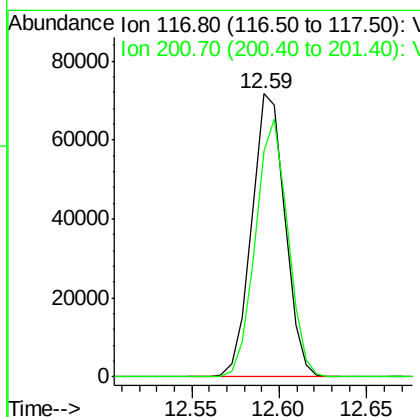
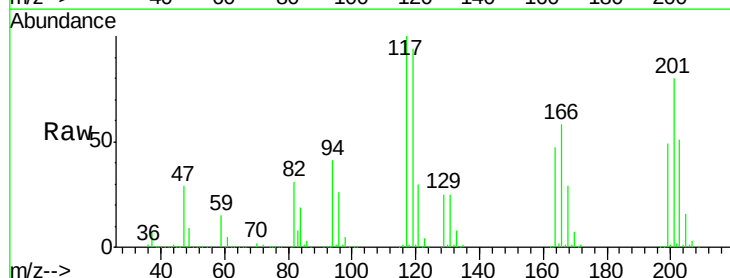
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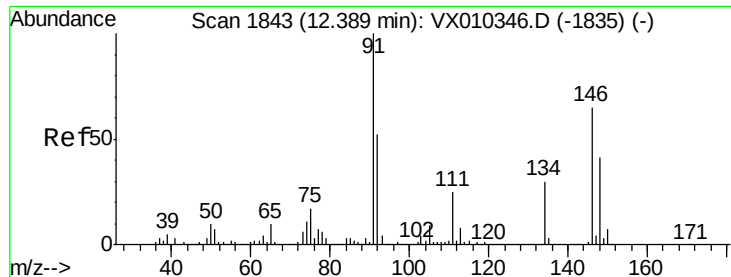
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#90
Hexachloroethane
Concen: 50.522 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010577.D
Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.0	131.8





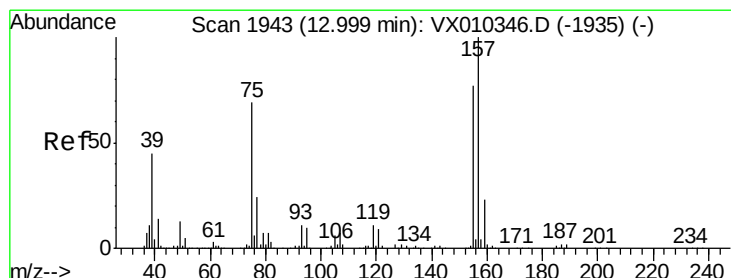
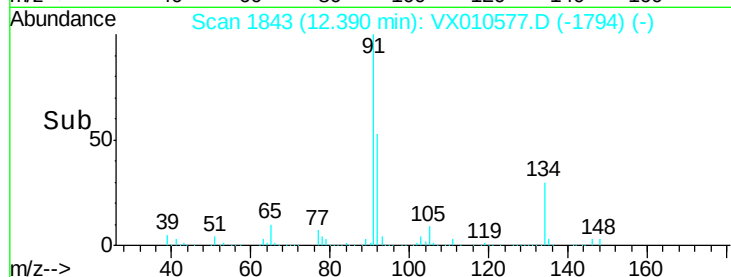
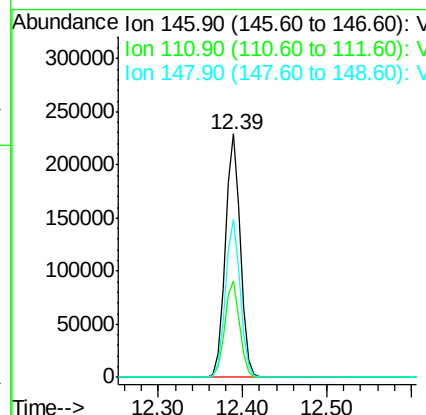
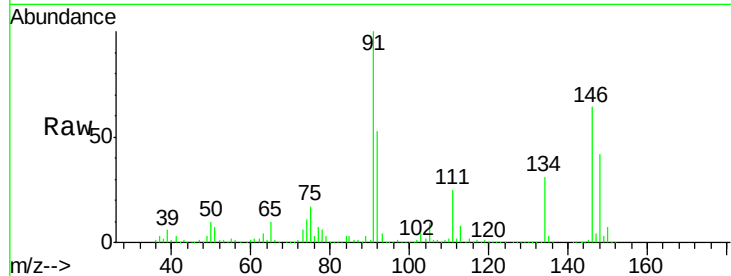
#91
 1,2-Dichlorobenzene
 Concen: 48.158 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	281829		
111	39.0	19.2	57.6	
148	64.3	32.0	96.0	

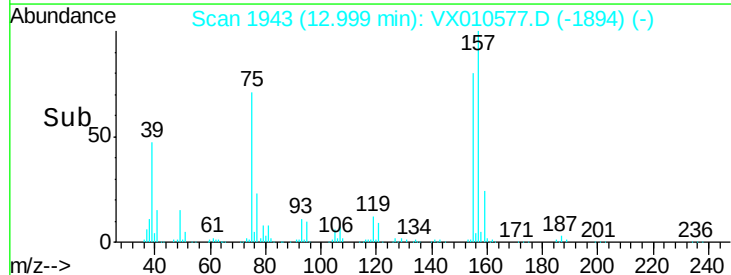
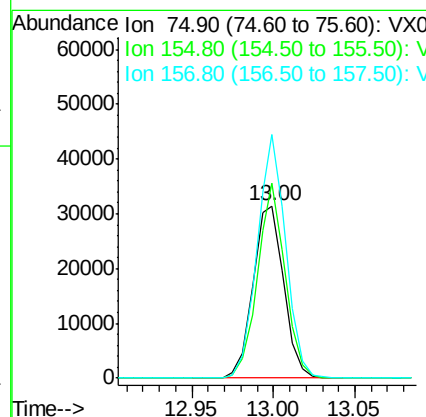
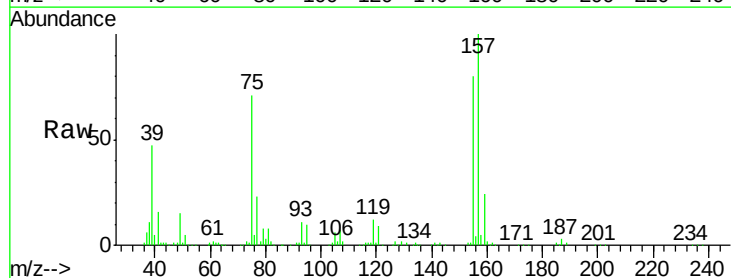
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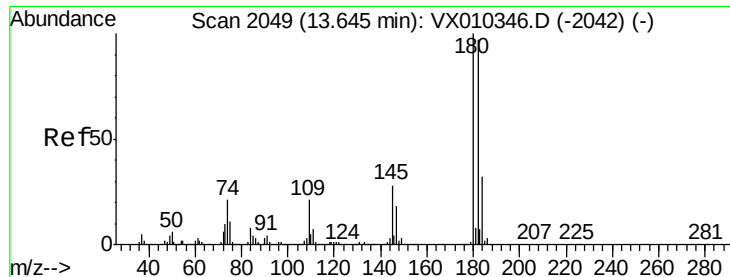
MMDadoda
 7/2/2019 9:55:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.738 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41179		
155	101.7	54.4	163.1	
157	131.0	69.5	208.3	





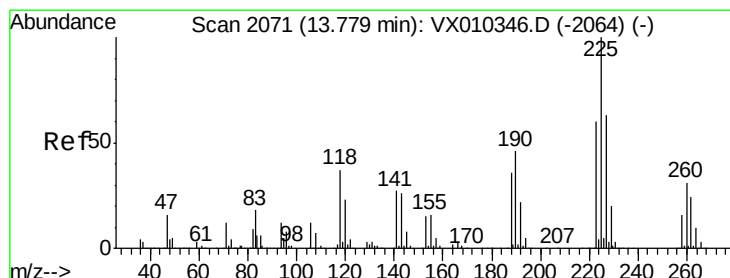
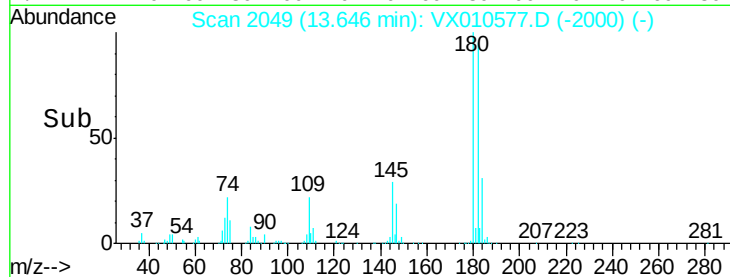
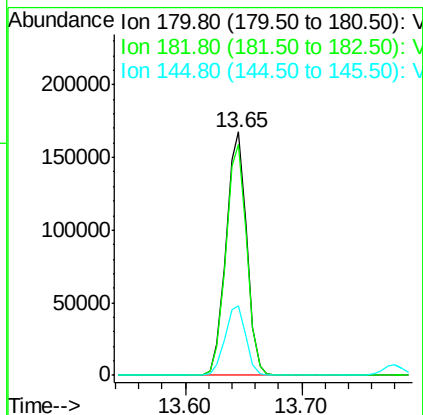
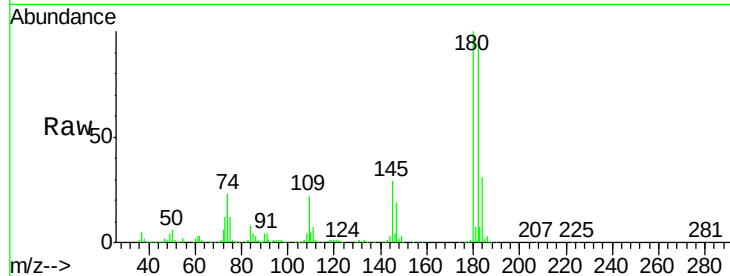
#93
 1,2,4-Trichlorobenzene
 Concen: 50.301 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	204144		
182	96.1	48.0	144.0	
145	29.3	14.4	43.4	

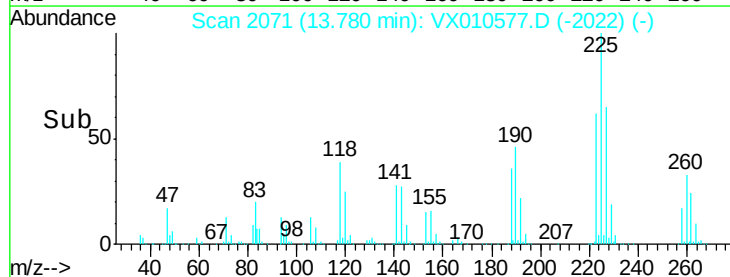
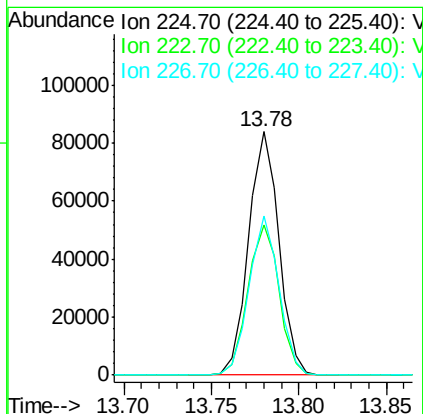
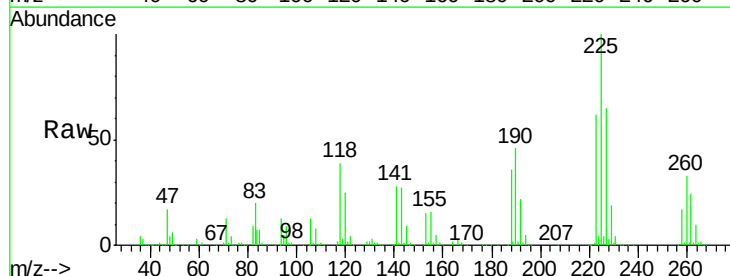
Manual Integrations
 APPROVED

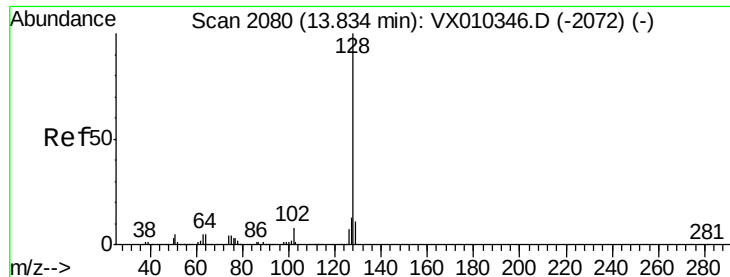
MMDadoda
 7/2/2019 9:55:03 AM



#94
 Hexachlorobutadiene
 Concen: 50.873 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010577.D
 Acq: 01 Jul 2019 09:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100906		
223	63.2	30.9	92.7	
227	64.6	31.9	95.5	





#95

Naphthalene

Concen: 49.719 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Instrument :

MSVOA_X

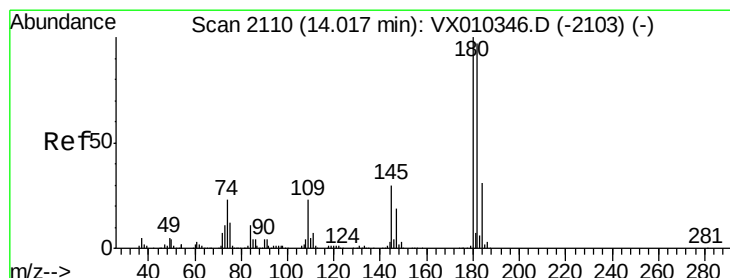
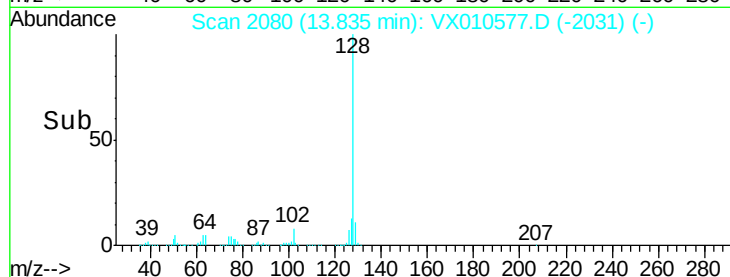
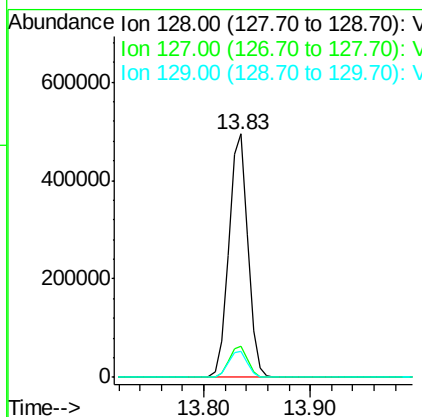
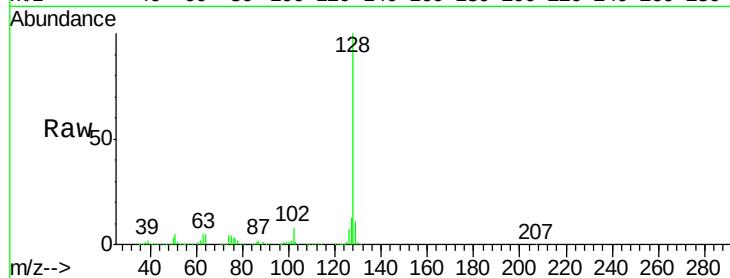
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	620087
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/2/2019 9:55:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.107 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010577.D

Acq: 01 Jul 2019 09:36

Tgt Ion:	180	Resp:	206225
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.8	143.3
145	31.5	15.2	45.6

