

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\
 Data File : VX009196.D
 Acq On : 26 Apr 2019 17:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 11:25:43 AM

Quant Time: Apr 27 05:50:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142041	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	119312	43.13	ug/l	0.00
Spiked Amount			Recovery	=	86.26%	
35) Dibromofluoromethane	5.50	113	88226	42.95	ug/l	0.00
Spiked Amount			Recovery	=	85.90%	
50) Toluene-d8	8.71	98	352903	43.08	ug/l	0.00
Spiked Amount			Recovery	=	86.16%	
62) 4-Bromofluorobenzene	11.13	95	132049	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	102172	45.187	ug/l	99
3) Chloromethane	1.32	50	124775	44.949	ug/l	99
4) Vinyl Chloride	1.41	62	120983	44.779	ug/l	100
5) Bromomethane	1.64	94	61905	37.622	ug/l	96
6) Chloroethane	1.71	64	80602	50.733	ug/l	96
7) Trichlorofluoromethane	1.92	101	141197	44.761	ug/l	99
8) Diethyl Ether	2.19	74	65563	45.447	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87267	43.269	ug/l	99
10) Methyl Iodide	2.51	142	77983	36.656	ug/l	100
11) Tert butyl alcohol	3.06	59	161759	263.410	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89536	42.531	ug/l	98
13) Acrolein	2.29	56	107361	202.337	ug/l	99
14) Allyl chloride	2.73	41	215660	46.956	ug/l	99
15) Acrylonitrile	3.14	53	379330	243.336	ug/l	99
16) Acetone	2.45	43	353608	246.475	ug/l	99
17) Carbon Disulfide	2.57	76	251718	40.924	ug/l	99
18) Methyl Acetate	2.78	43	175400	48.986	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	348822	46.503	ug/l	99
20) Methylene Chloride	2.85	84	107145	43.671	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	94132	41.922	ug/l	96
22) Diisopropyl ether	3.86	45	418949	46.942	ug/l	90
23) Vinyl Acetate	3.82	43	1890117	240.928	ug/l	99
24) 1,1-Dichloroethane	3.70	63	202466	45.193	ug/l	100
25) 2-Butanone	4.68	43	580748	253.247	ug/l	99
26) 2,2-Dichloropropane	4.59	77	143706	42.793	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	112938	44.300	ug/l	100
28) Bromochloromethane	5.02	49	84333	45.132	ug/l	99
29) Tetrahydrofuran	5.13	42	376889	245.548	ug/l	99
30) Chloroform	5.21	83	185124	46.177	ug/l	97
31) Cyclohexane	5.58	56	191661	43.496	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	152163	45.795	ug/l	100
36) 1,1-Dichloropropene	5.80	75	139994	42.293	ug/l	98
37) Ethyl Acetate	4.84	43	209624	49.215	ug/l	100
38) Carbon Tetrachloride	5.78	117	126062	44.923	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172332	42.761	ug/l	99
40) Benzene	6.14	78	435992	44.649	ug/l	99
41) Methacrylonitrile	5.04	41	118513	48.481	ug/l	99
42) 1,2-Dichloroethane	6.20	62	156052	45.113	ug/l	99
43) Isopropyl Acetate	6.45	43	328609	47.875	ug/l	100
44) Trichloroethene	7.21	130	102217	42.722	ug/l	99
45) 1,2-Dichloropropane	7.51	63	124624	46.003	ug/l	100
46) Dibromomethane	7.66	93	70454	44.687	ug/l	100
47) Bromodichloromethane	7.90	83	143718	46.476	ug/l	99
48) Methyl methacrylate	7.77	41	166156	48.991	ug/l	99
49) 1,4-Dioxane	7.74	88	64748	1019.993	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1119025	255.904	ug/l	99
52) Toluene	8.79	92	265132	45.304	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	165905	46.618	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	182662	45.839	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106463	45.900	ug/l	99
56) Ethyl methacrylate	9.18	69	203195	48.857	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189486	45.883	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	500020	223.262	ug/l	99
59) 2-Hexanone	9.49	43	878762	260.655	ug/l	100
60) Dibromochloromethane	9.59	129	105433	47.429	ug/l	99
61) 1,2-Dibromoethane	9.67	107	110190	46.030	ug/l	99
64) Tetrachloroethene	9.34	164	90356	40.652	ug/l	97
65) Chlorobenzene	10.14	112	270991	43.881	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	98058	45.073	ug/l	99
67) Ethyl Benzene	10.25	91	507162	44.925	ug/l	99
68) m/p-Xylenes	10.36	106	370893	90.401	ug/l	99
69) o-Xylene	10.69	106	181311	45.418	ug/l	98
70) Styrene	10.71	104	319405	46.171	ug/l	99
71) Bromoform	10.86	173	82705	47.717	ug/l #	99
73) Isopropylbenzene	11.02	105	483583	44.915	ug/l	100
74) N-amyl acetate	10.90	43	303887	49.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	184269	46.842	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	157929m	45.534	ug/l	
77) Bromobenzene	11.26	156	118587	43.655	ug/l	99
78) n-propylbenzene	11.36	91	557075	45.080	ug/l	99
79) 2-Chlorotoluene	11.42	91	336735	45.219	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	411238	45.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62553	46.302	ug/l	97
82) 4-Chlorotoluene	11.51	91	384741	44.487	ug/l	100
83) tert-Butylbenzene	11.77	119	404617	46.646	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	413424	44.953	ug/l	100
85) sec-Butylbenzene	11.94	105	469717	45.403	ug/l	100
86) p-Isopropyltoluene	12.06	119	425963	44.784	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211056	44.391	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	210856	43.749	ug/l	100
89) n-Butylbenzene	12.39	91	389430	43.963	ug/l	100
90) Hexachloroethane	12.60	117	71737	45.723	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	216207	46.052	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42958	47.961	ug/l	100

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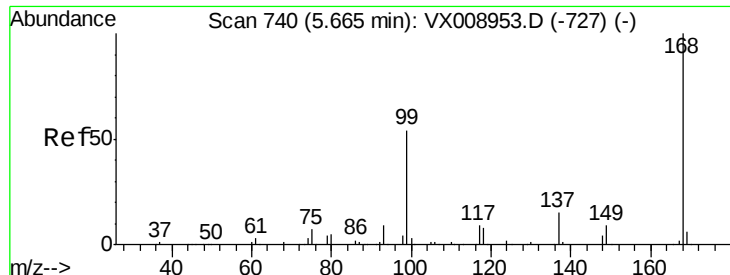
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148355	43.775	ug/l	99
94) Hexachlorobutadiene	13.78	225	73639	43.566	ug/l	98
95) Naphthalene	13.83	128	506256	46.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	151249	45.231	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 196308

Ion Ratio Lower Upper

168 100

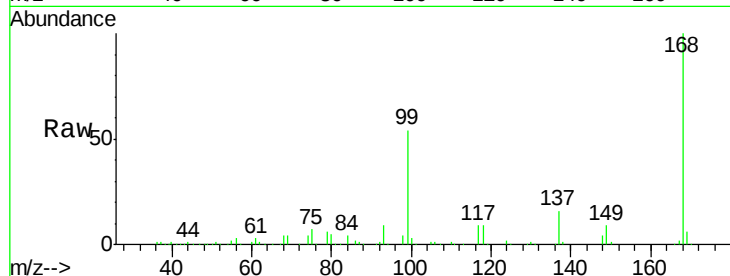
99 53.5 43.0 64.6

Manual Integrations

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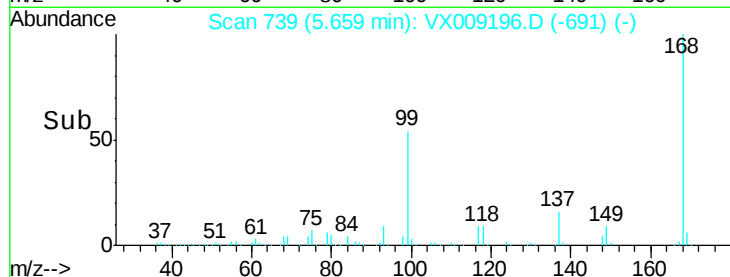


Abundance Ion 167.90 (167.60 to 168.60): V

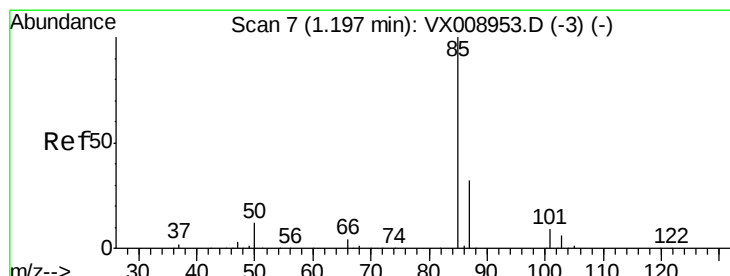
Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 45.187 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009196.D

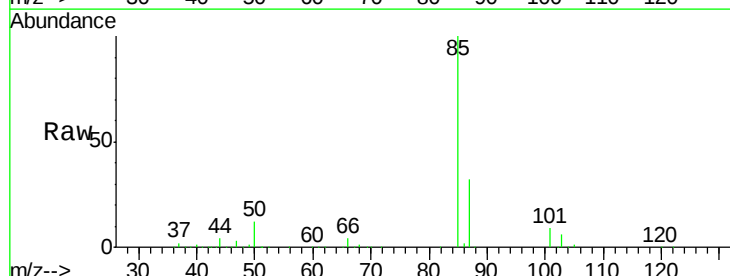
Acq: 26 Apr 2019 17:44

Tgt Ion: 85 Resp: 102172

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9

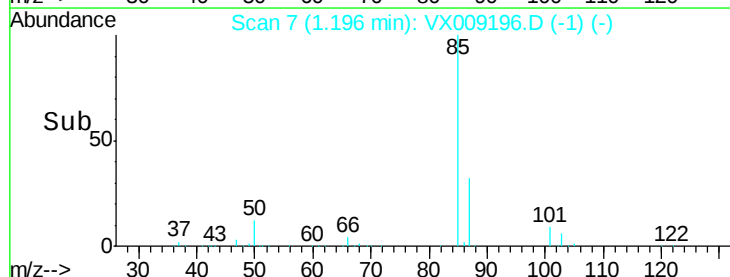


Abundance Ion 84.90 (84.60 to 85.60): VX0

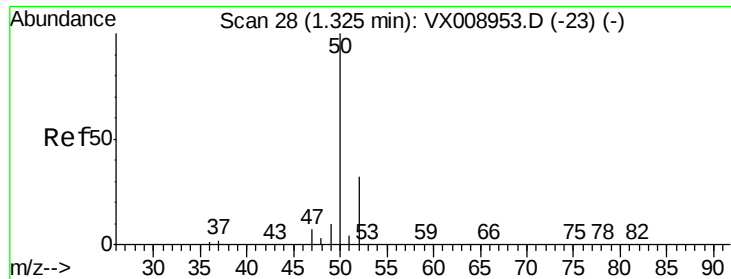
Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 44.949 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 124775

Ion Ratio Lower Upper

50 100

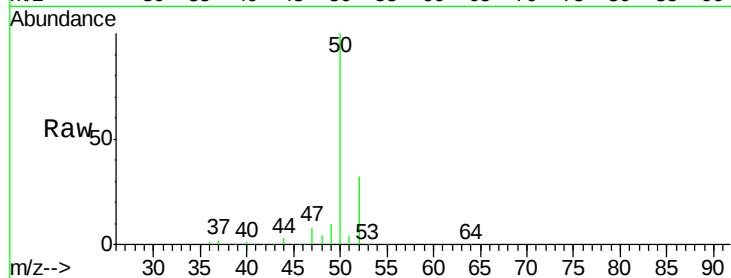
52 32.3 25.5 38.3

Manual Integrations

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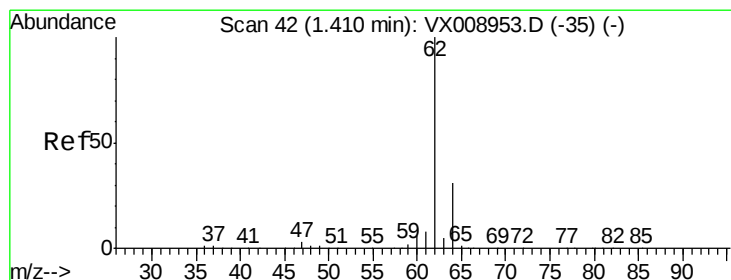
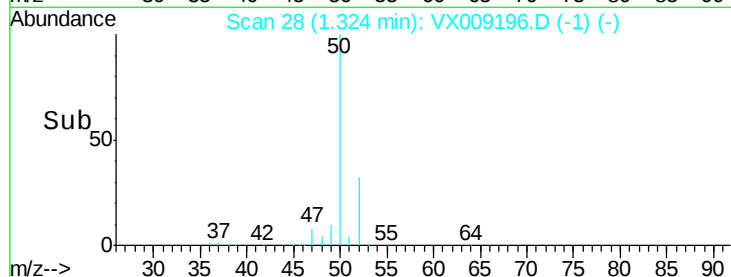
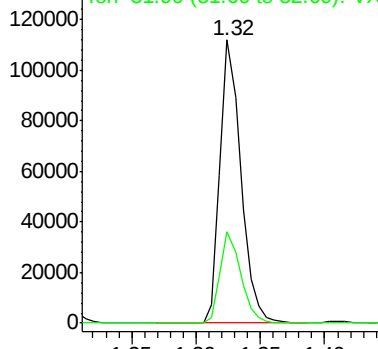
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.779 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009196.D

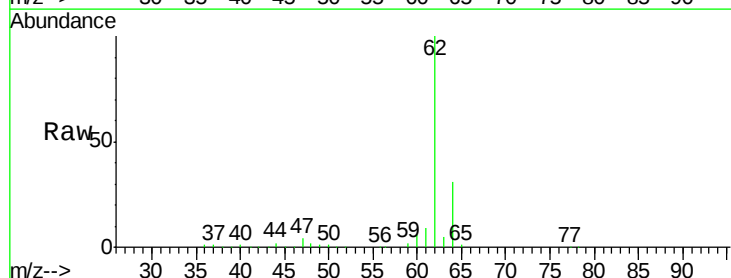
Acq: 26 Apr 2019 17:44

Tgt Ion: 62 Resp: 120983

Ion Ratio Lower Upper

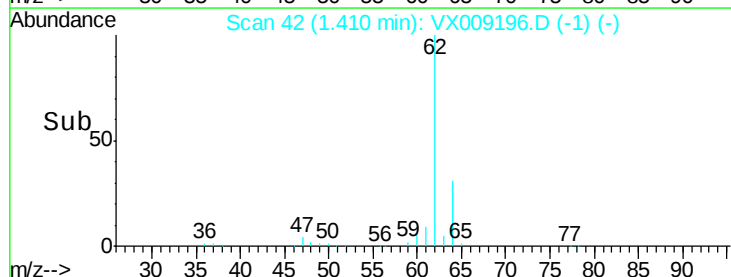
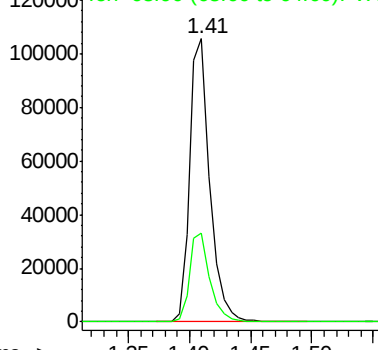
62 100

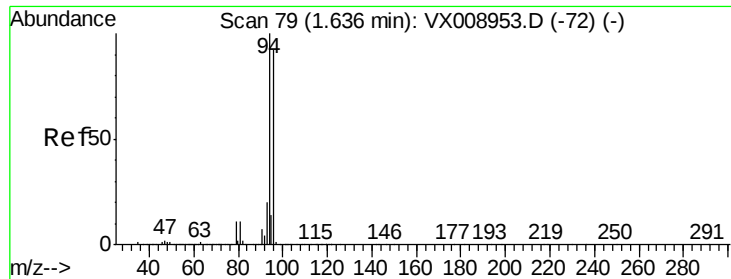
64 31.3 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.622 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 61905

Ion Ratio Lower Upper

94 100

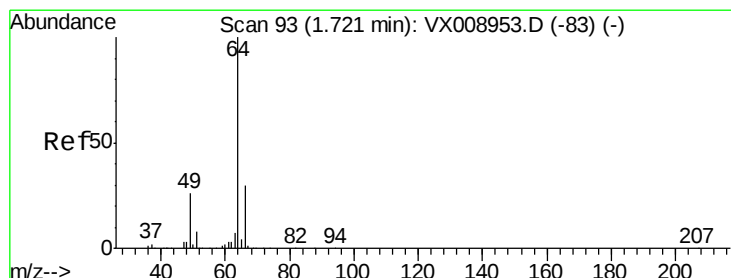
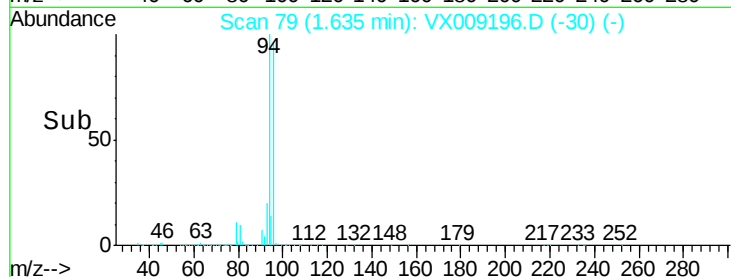
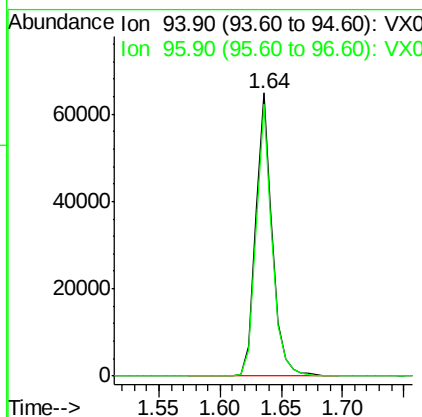
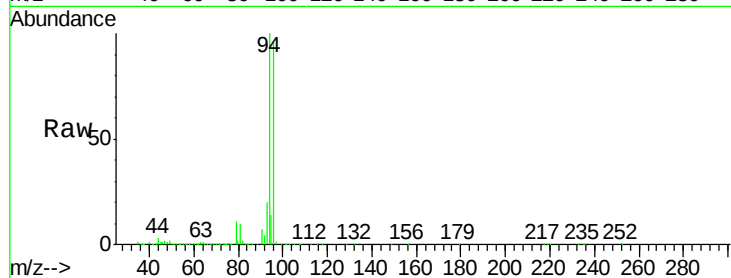
96 96.1 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 50.733 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009196.D

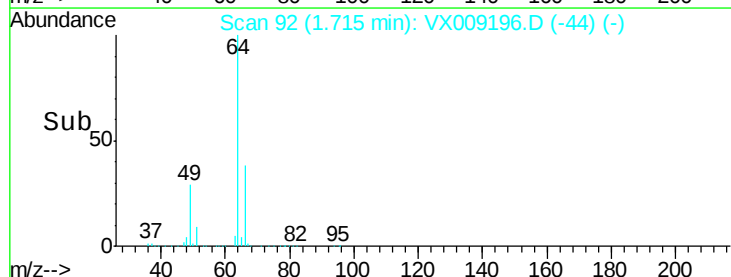
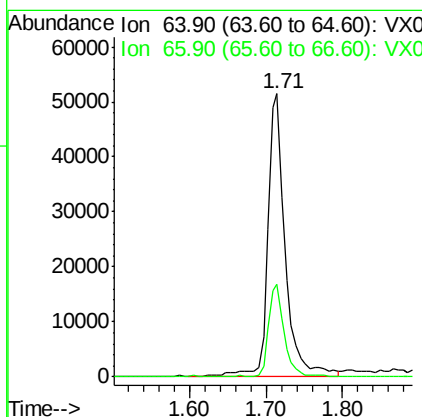
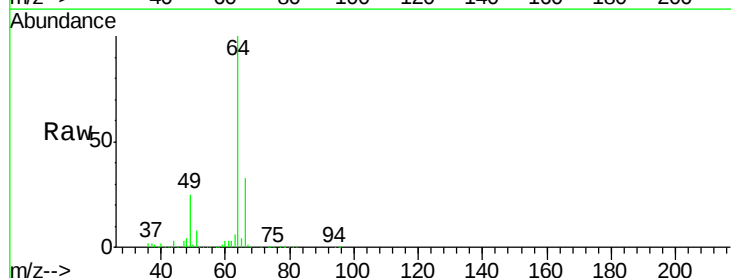
Acq: 26 Apr 2019 17:44

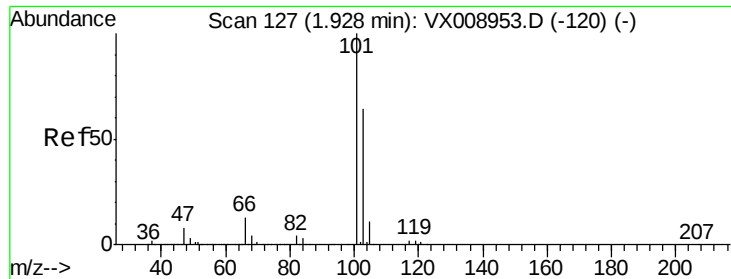
Tgt Ion: 64 Resp: 80602

Ion Ratio Lower Upper

64 100

66 32.5 24.2 36.2





#7

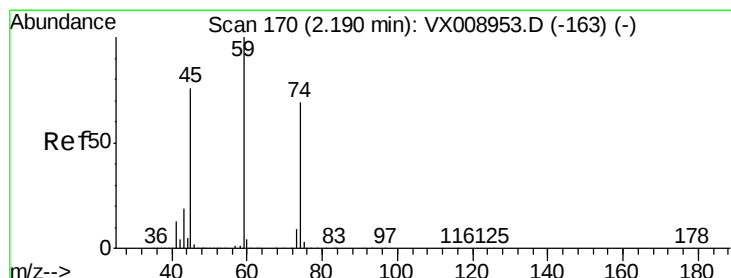
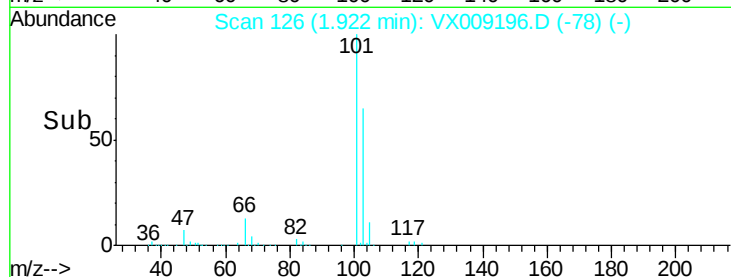
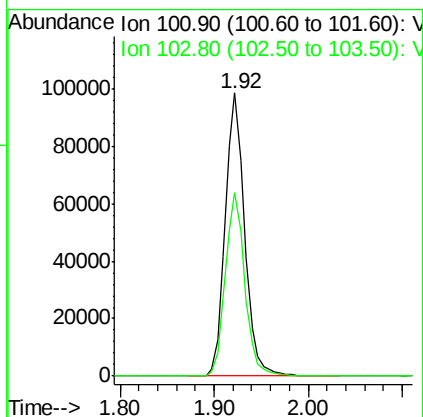
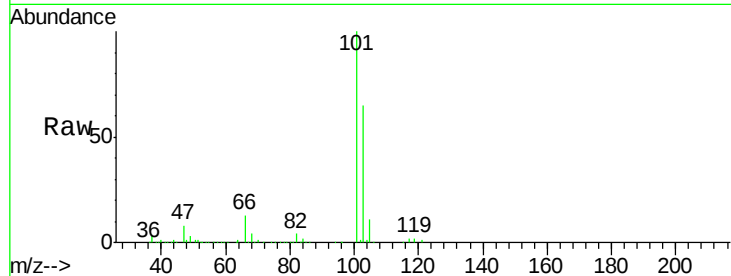
Trichlorofluoromethane
Concen: 44.761 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.6

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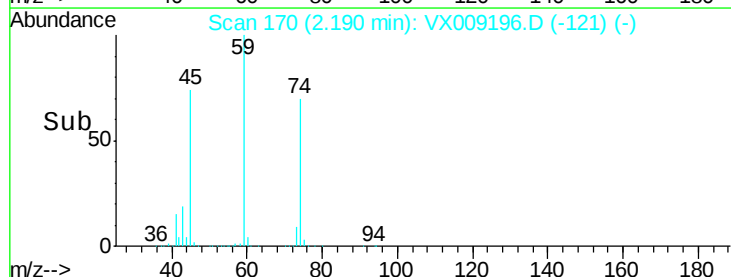
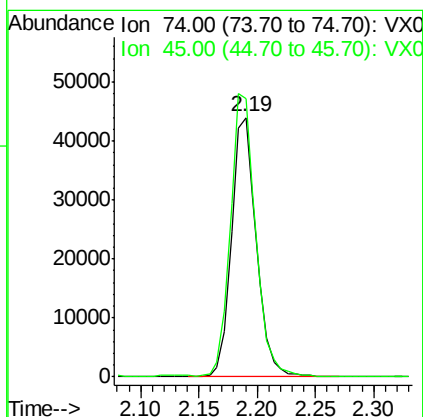
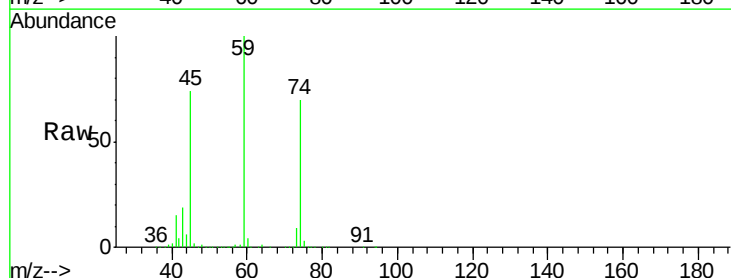
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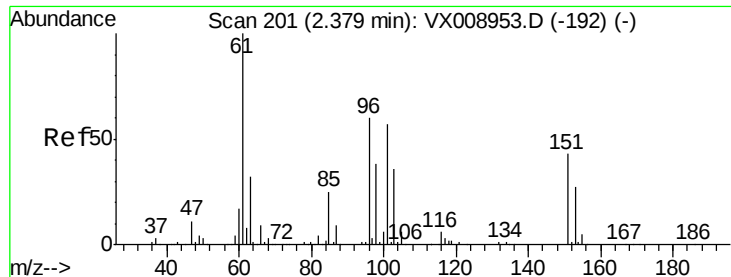


#8

Diethyl Ether
Concen: 45.447 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.6	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.269 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

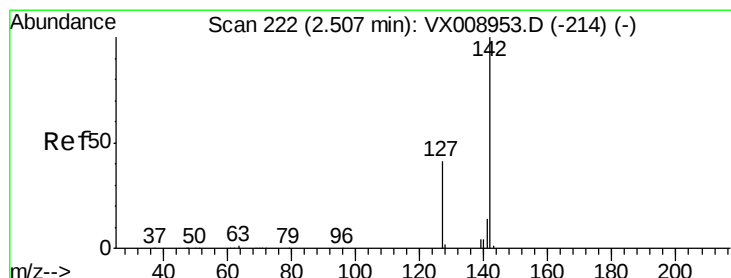
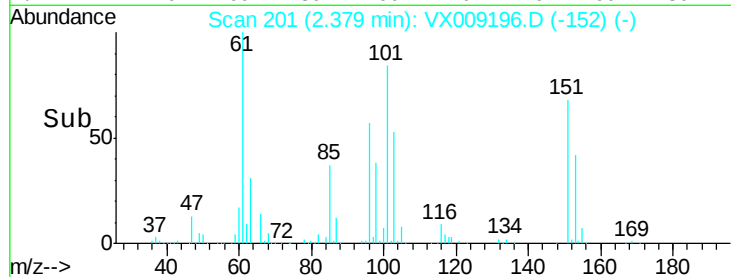
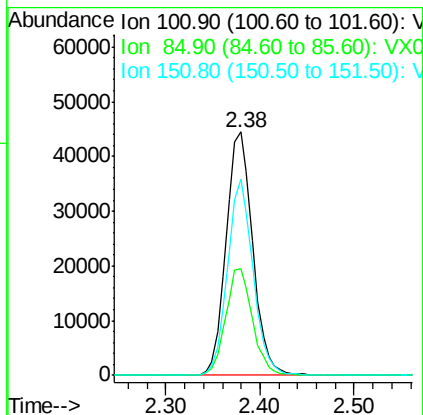
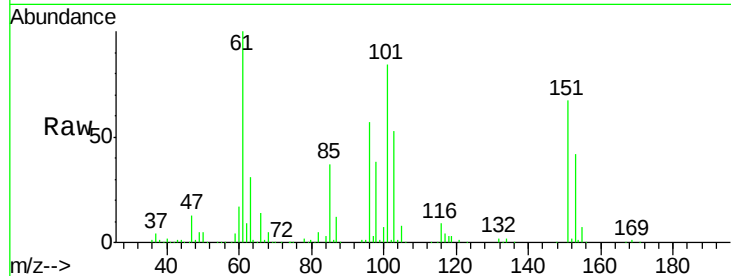
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	87267
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.7	53.5
151	77.6	62.7	94.1

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#10

Methyl Iodide

Concen: 36.656 ug/l

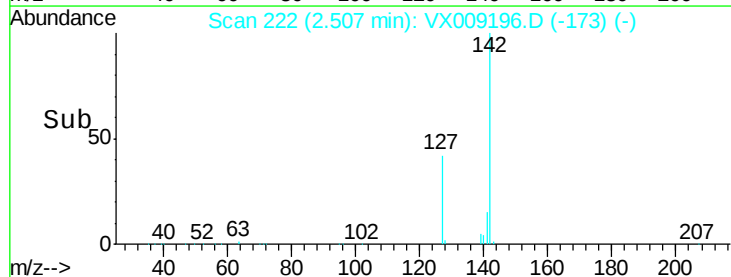
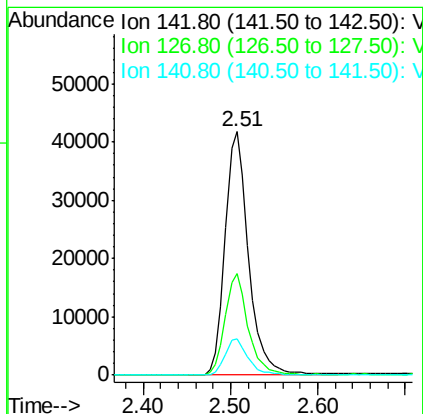
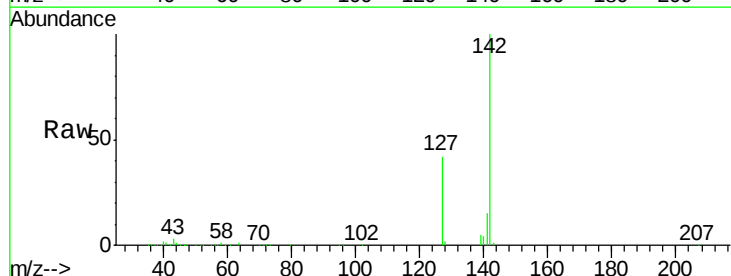
RT: 2.51 min Scan# 222

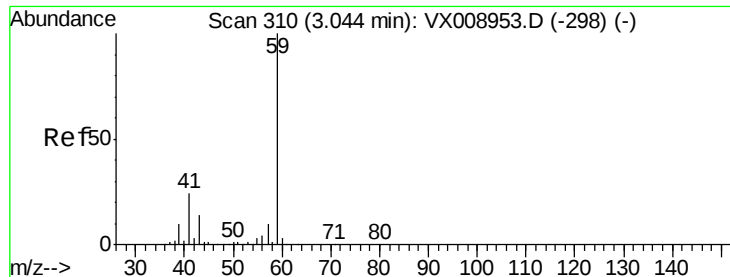
Delta R.T. 0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion:	142	Resp:	77983
Ion Ratio	Lower	Upper	
142	100		
127	41.1	32.8	49.2
141	14.5	11.4	17.2





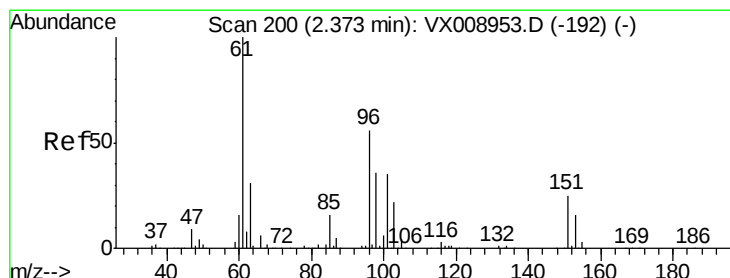
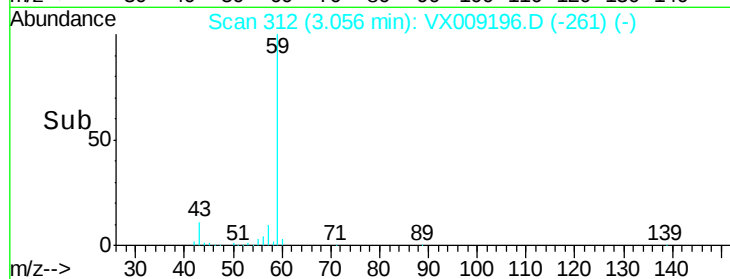
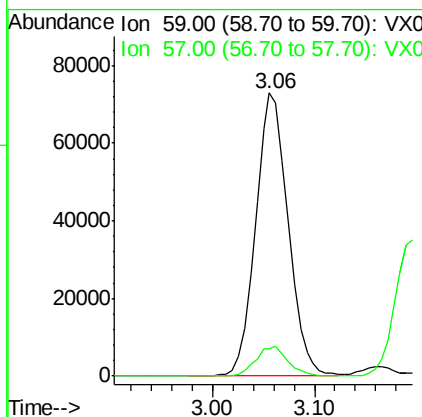
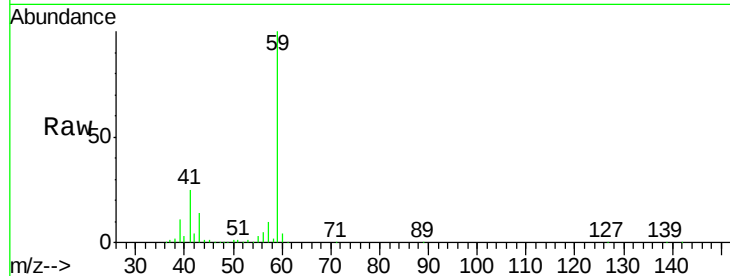
#11
Tert butyl alcohol
Concen: 263.410 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	161759
Ion Ratio	100	Lower	Upper
57	10.4	8.4	12.6

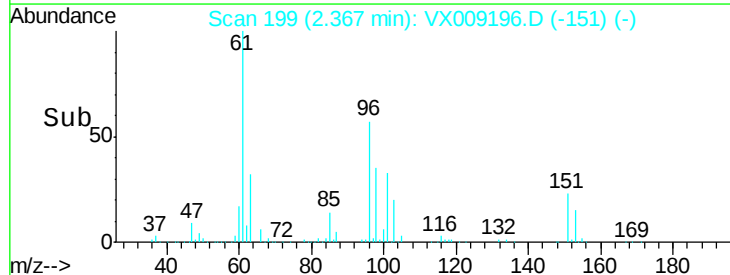
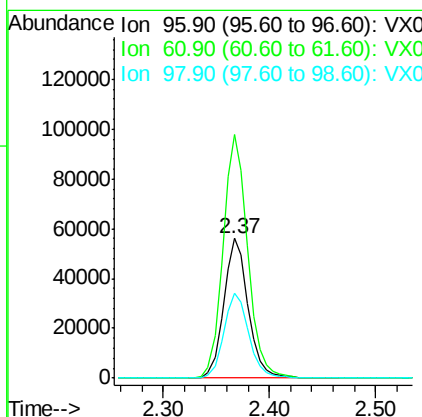
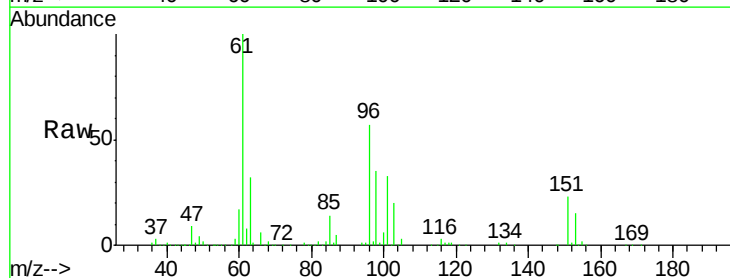
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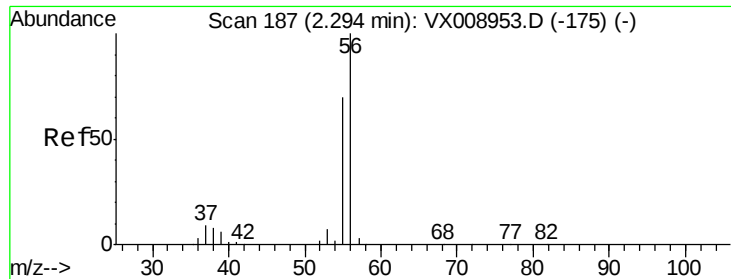
MMDadoda
4/29/2019 11:25:43 AM



#12
1,1-Dichloroethene
Concen: 42.531 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	96	Resp	89536
Ion Ratio	100	Lower	Upper
61	174.6	142.2	213.2
98	61.1	50.9	76.3





#13

Acrolein

Concen: 202.337 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 107361

Ion Ratio Lower Upper

56 100

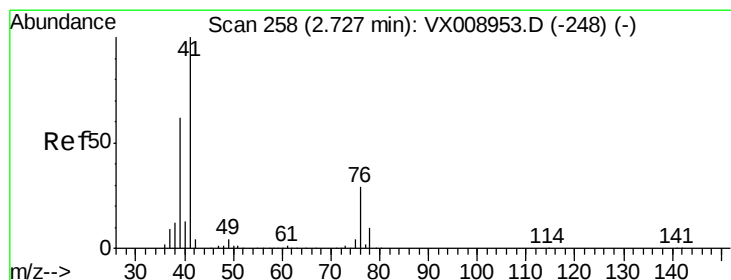
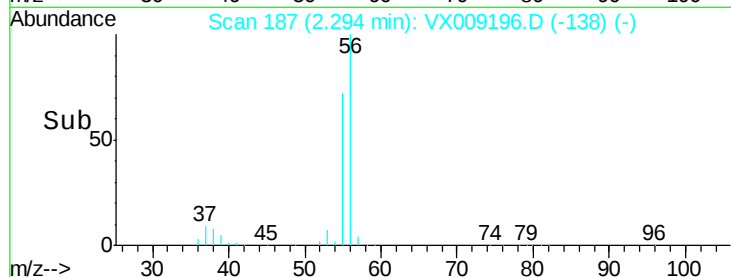
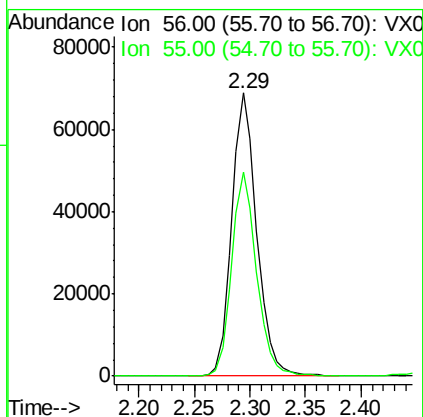
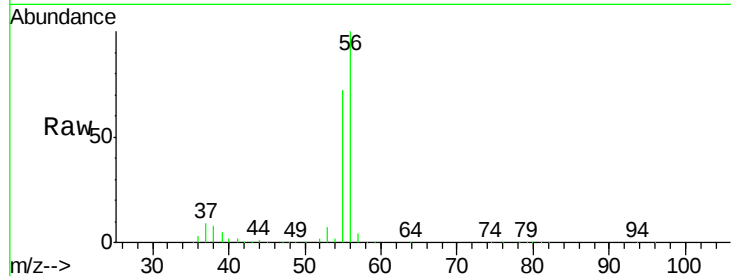
55 71.4 56.6 84.8

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#14

Allyl chloride

Concen: 46.956 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

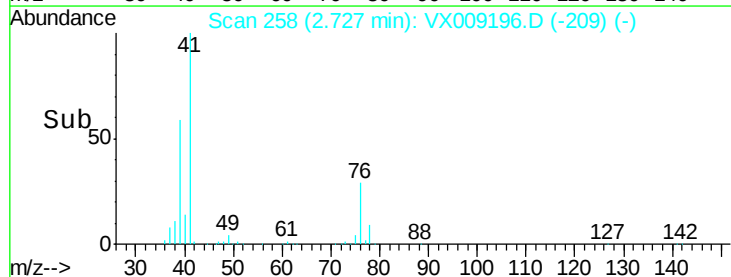
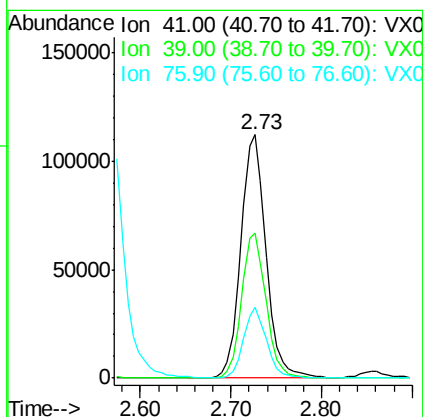
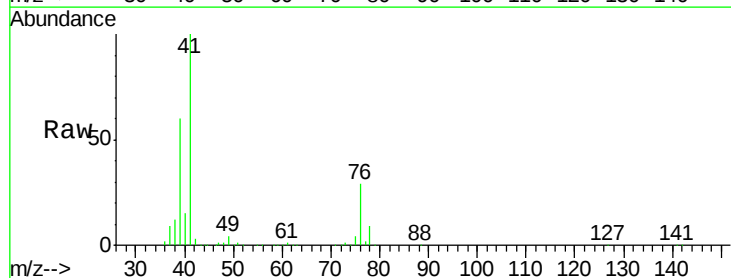
Tgt Ion: 41 Resp: 215660

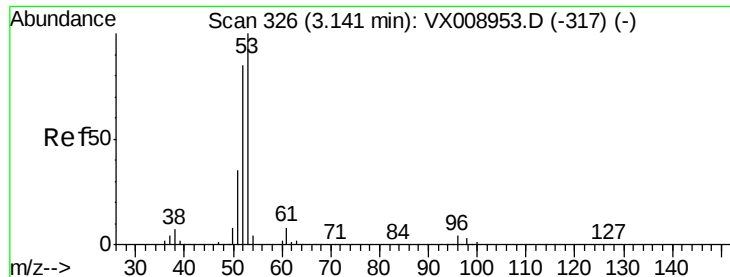
Ion Ratio Lower Upper

41 100

39 57.8 46.7 70.1

76 26.7 22.0 33.0





#15

Acrylonitrile

Concen: 243.336 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

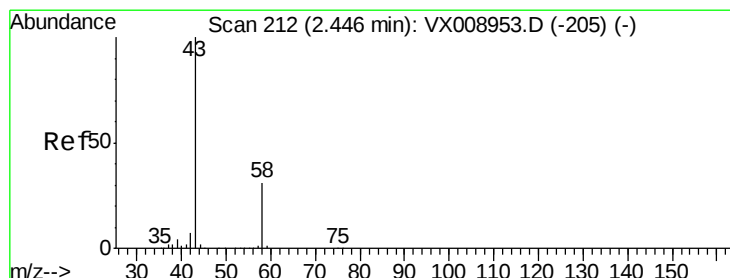
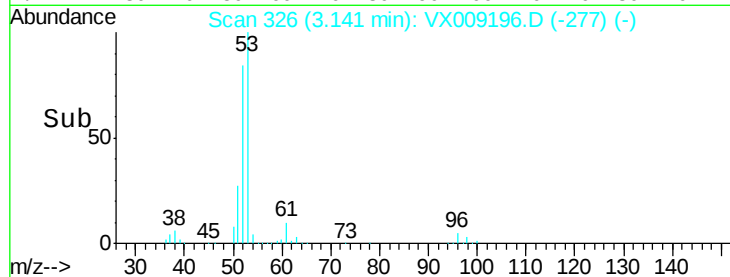
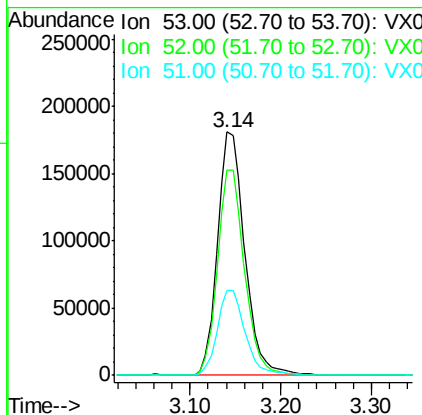
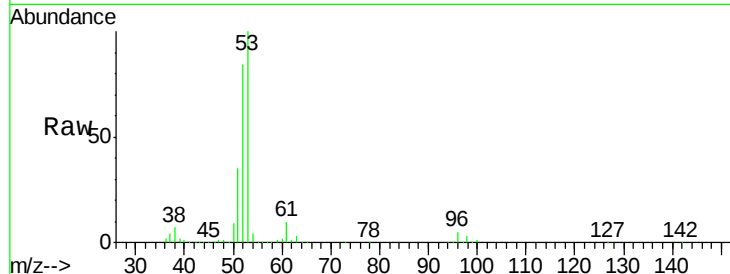
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	379330
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.6	100.0
51	35.8	28.3	42.5

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#16

Acetone

Concen: 246.475 ug/l

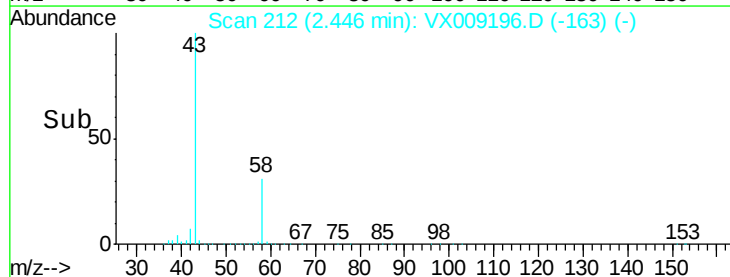
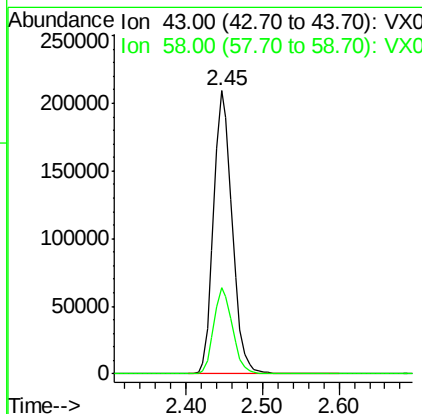
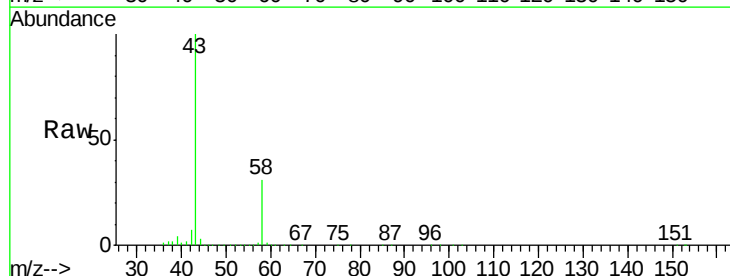
RT: 2.45 min Scan# 212

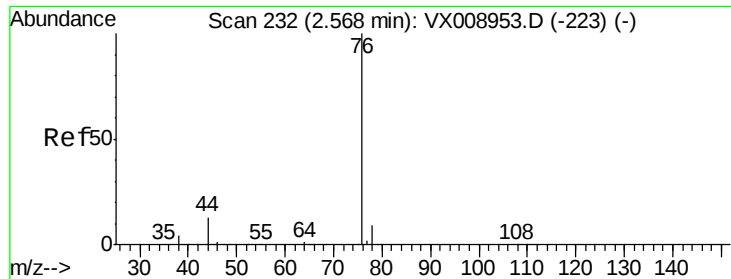
Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion:	43	Resp:	353608
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.8	37.2





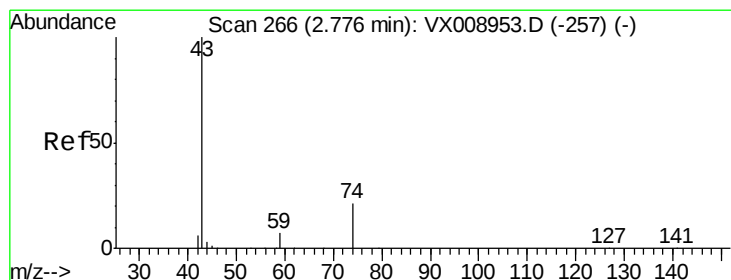
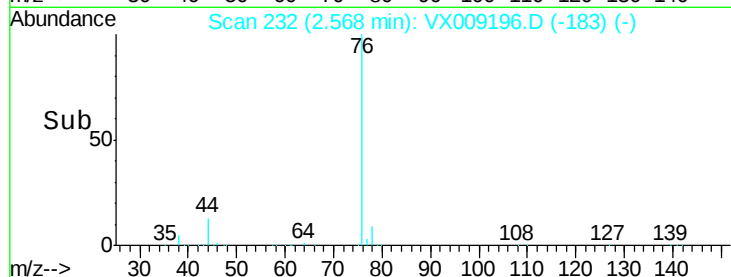
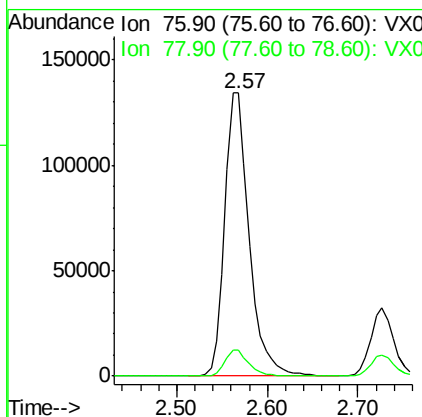
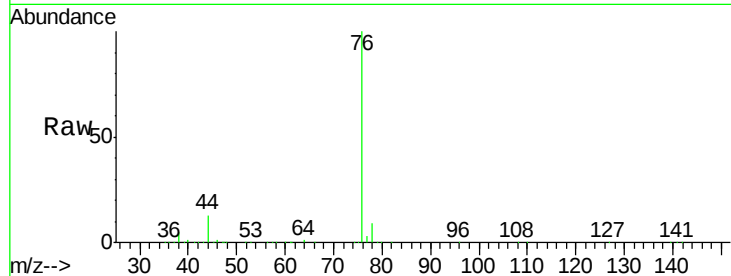
#17
Carbon Disulfide
Concen: 40.924 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

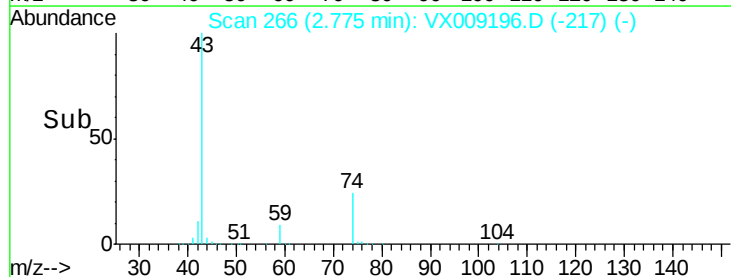
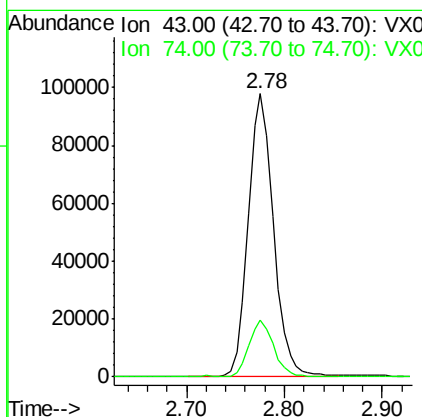
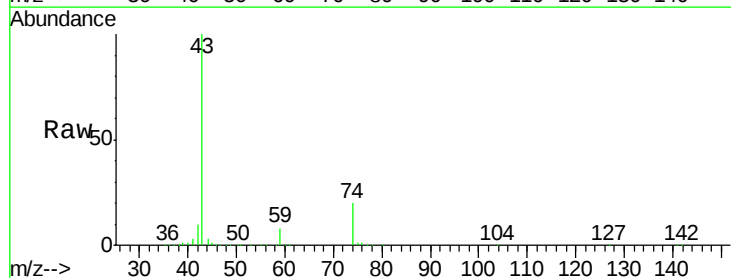
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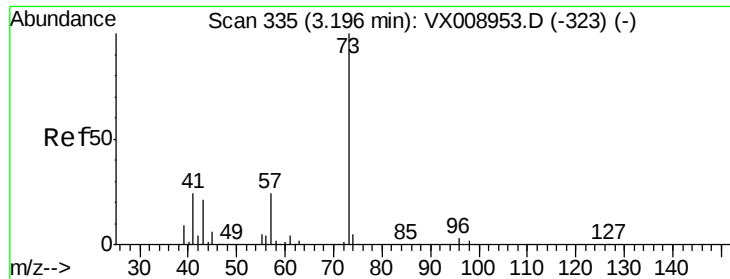
MMDadoda
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#18
Methyl Acetate
Concen: 48.986 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.5	16.6	25.0





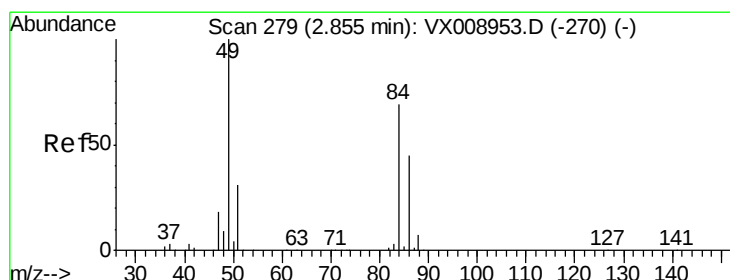
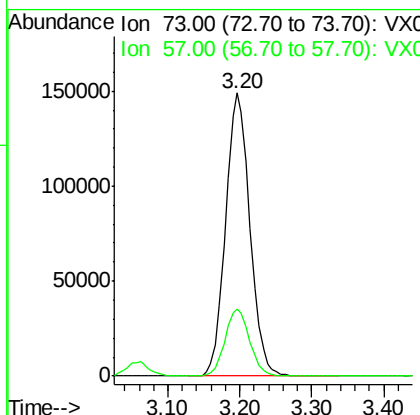
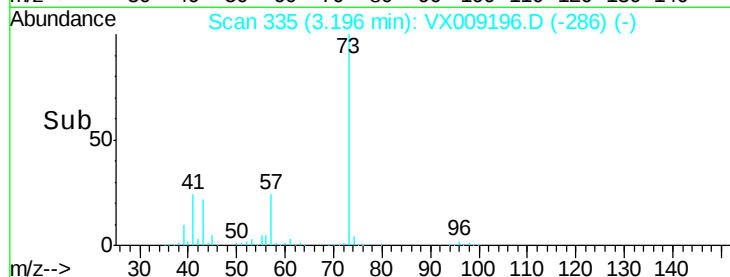
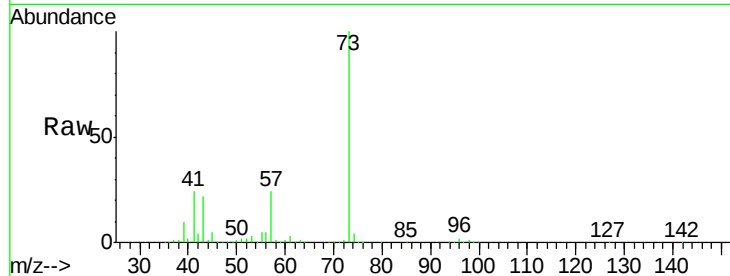
#19
Methvl tert-butvl Ether
Concen: 46.503 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 348822
Ion Ratio Lower Upper
73 100
57 23.6 19.2 28.8

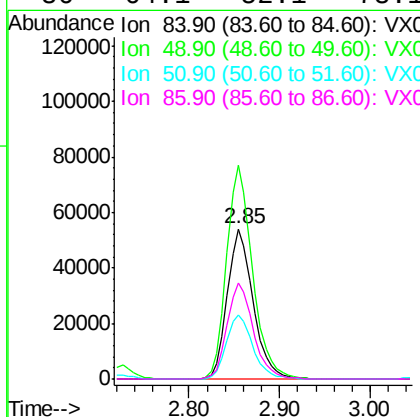
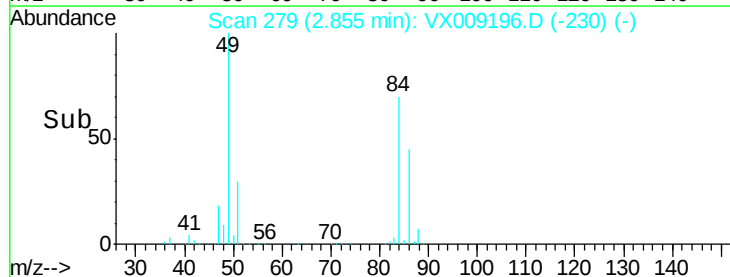
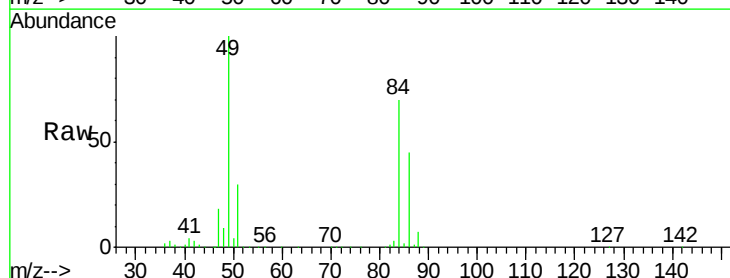
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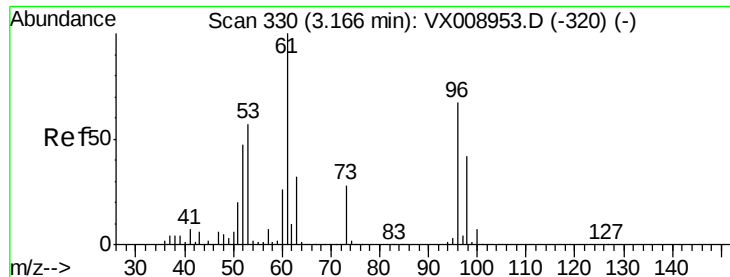
MMDadoda
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#20
Methylene Chloride
Concen: 43.671 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 84 Resp: 107145
Ion Ratio Lower Upper
84 100
49 142.0 115.4 173.0
51 42.2 35.8 53.6
86 64.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 41.922 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 94132

Ion Ratio Lower Upper

96 100

61 156.8 120.3 180.5

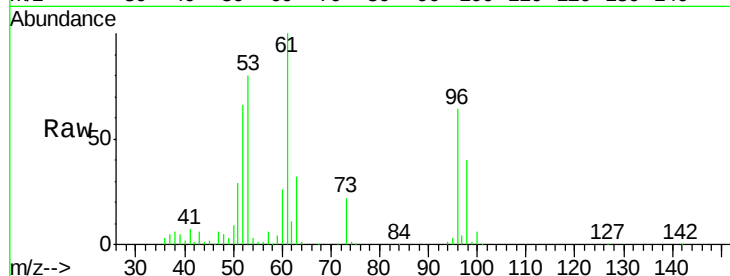
98 63.4 50.2 75.2

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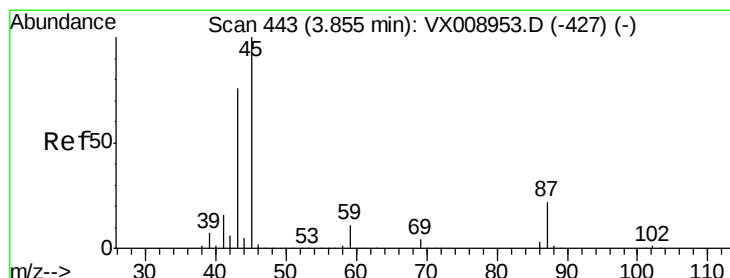
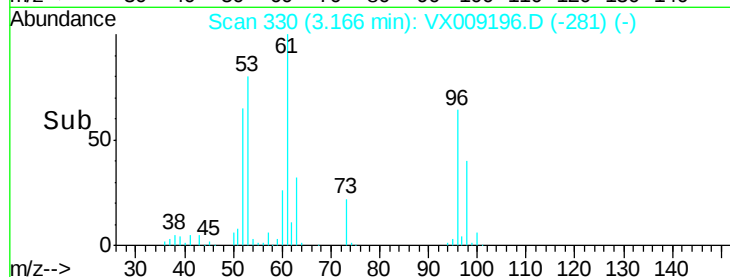
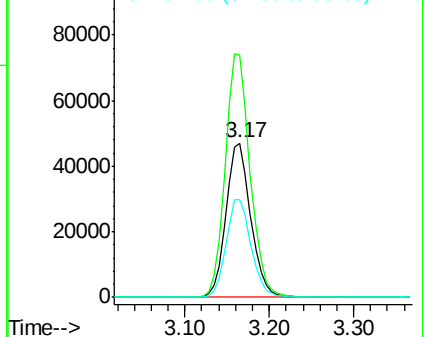


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.942 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion: 45 Resp: 418949

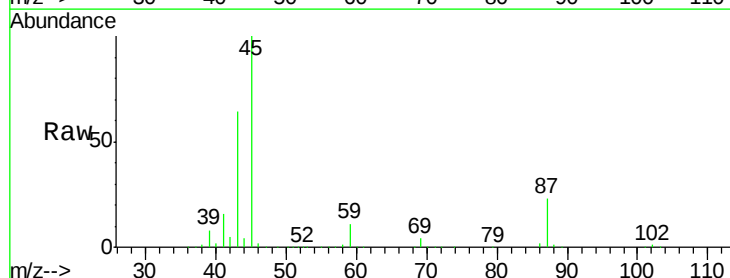
Ion Ratio Lower Upper

45 100

43 63.5 60.6 91.0

87 22.5 17.8 26.8

59 10.5 8.7 13.1



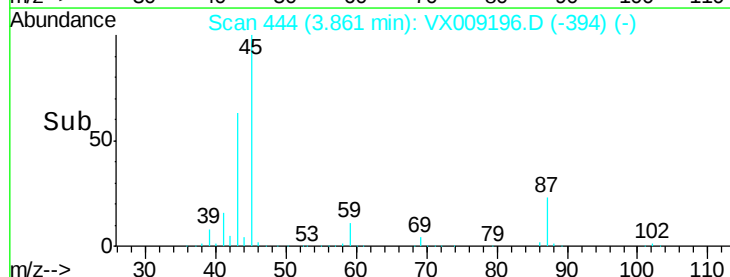
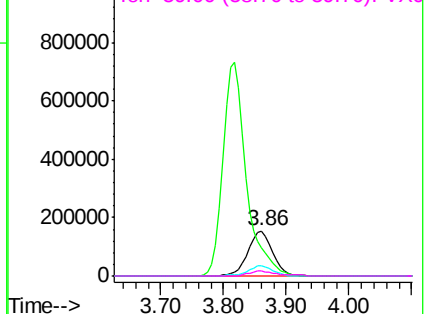
Abundance

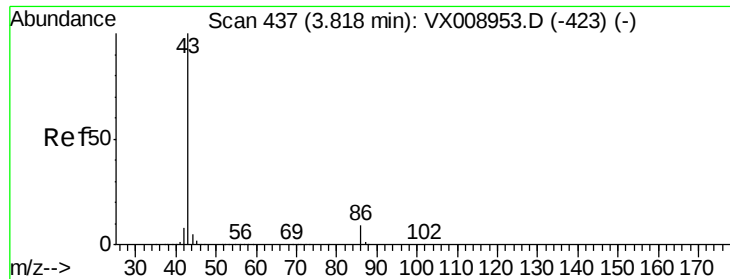
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 240.928 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1890117

Ion Ratio Lower Upper

43 100

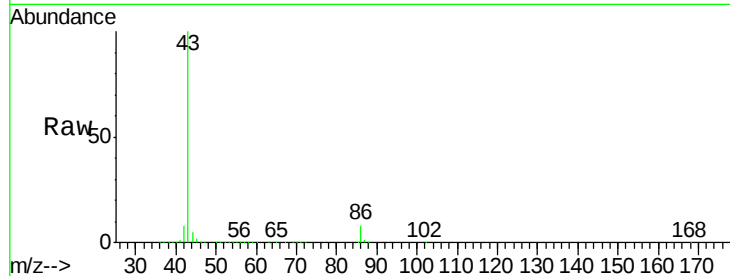
86 8.4 7.1 10.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

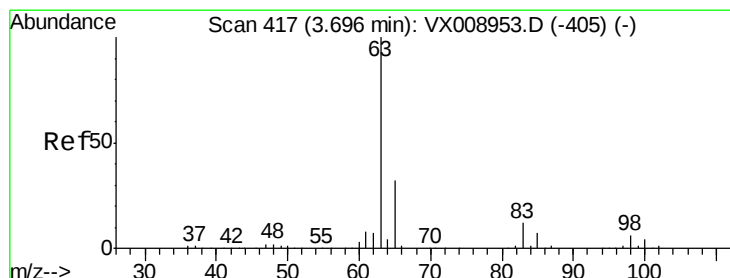
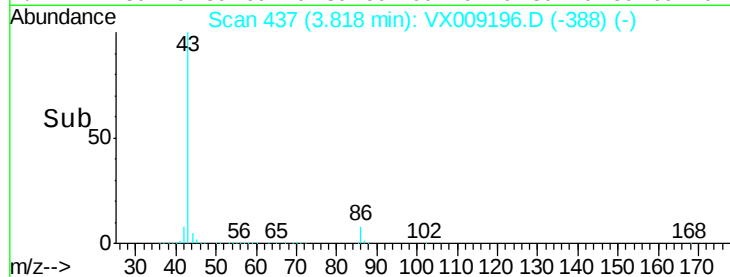
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 45.193 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

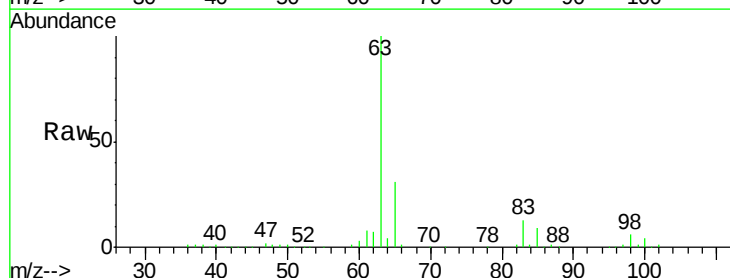
Tgt Ion: 63 Resp: 202466

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

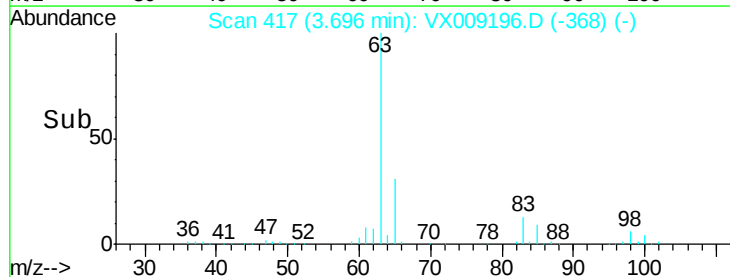
60000

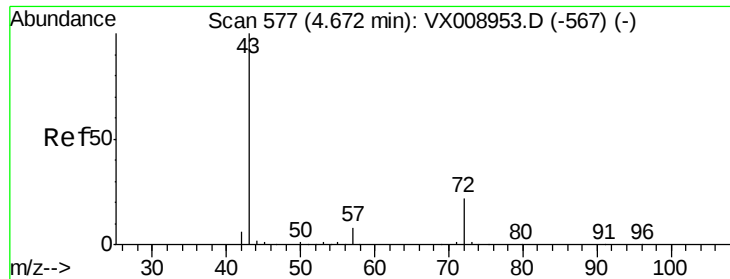
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 253.247 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tot Ion: 43 Resp: 580748

Ion Ratio Lower Upper

43 100

72 22.6 17.5 26.3

Instrument :

MSVOA_X

ClientSampleId :

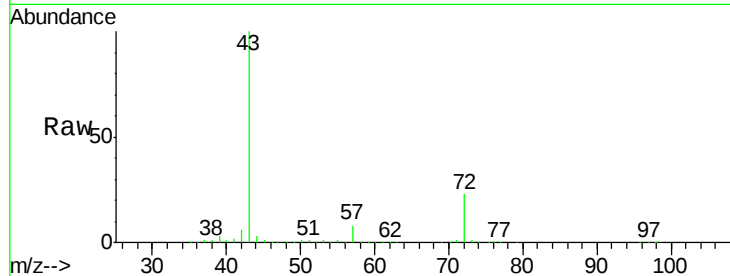
VSTDCCC050EC

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

200000

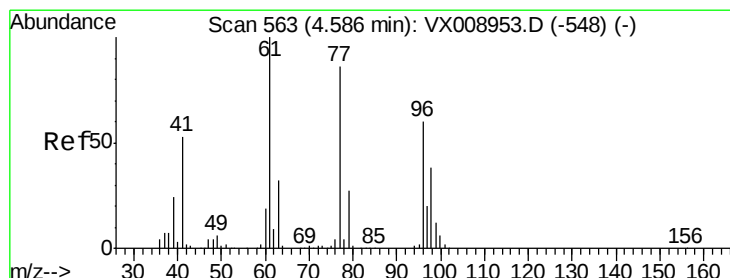
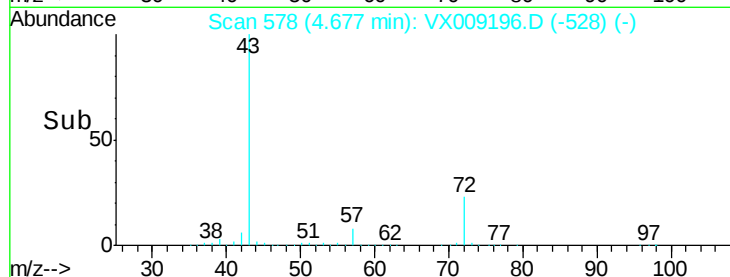
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 42.793 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009196.D

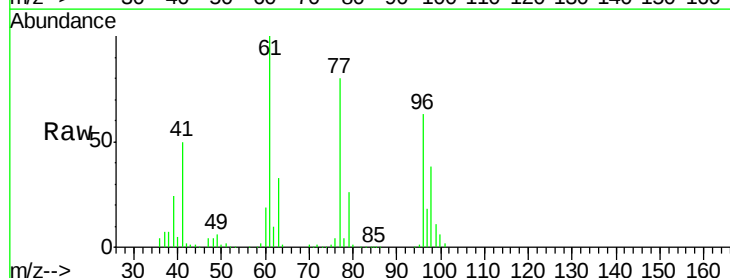
Acq: 26 Apr 2019 17:44

Tgt Ion: 77 Resp: 143706

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

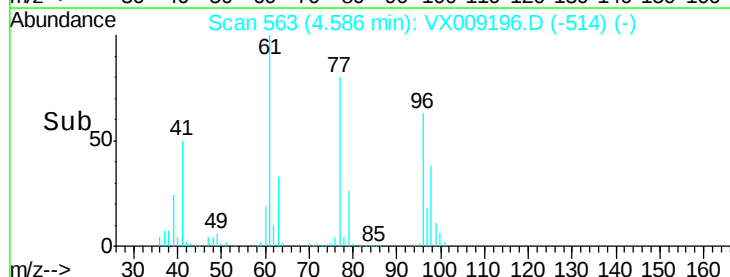
30000

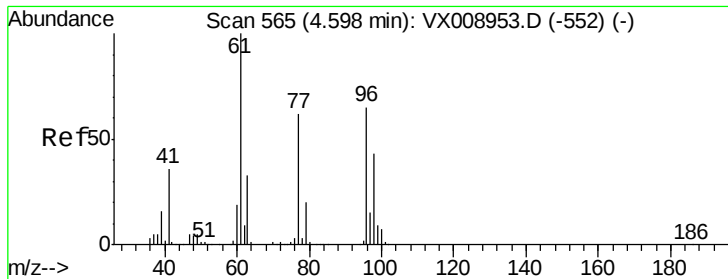
20000

10000

0

Time-->





#27

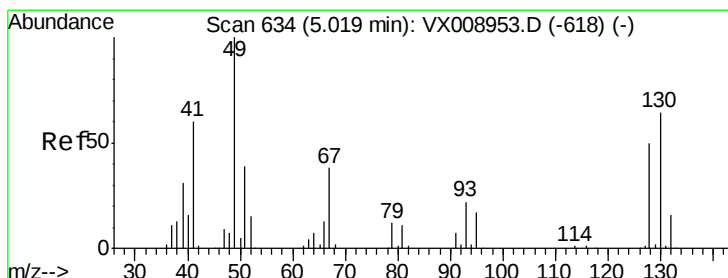
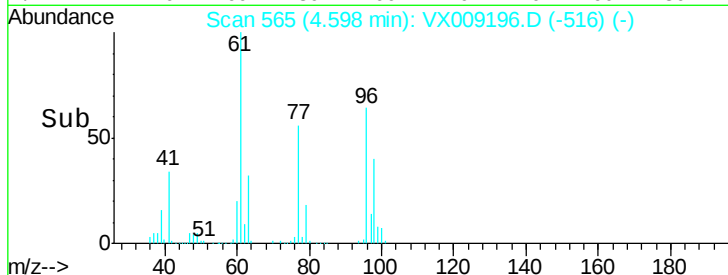
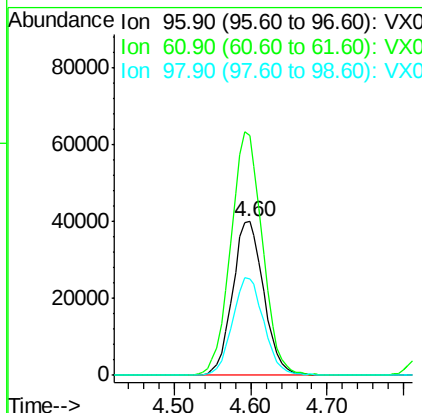
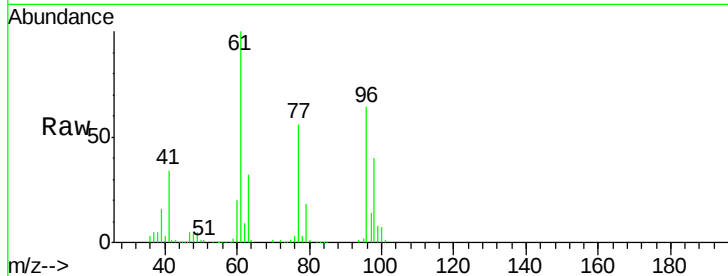
cis-1,2-Dichloroethene
Concen: 44.300 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	161.3	0.0	322.0	
98	64.0	0.0	128.4	

Manual Integrations
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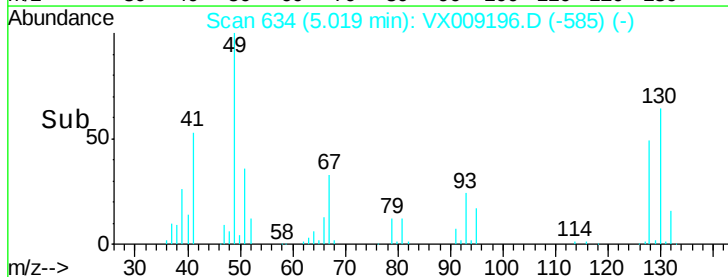
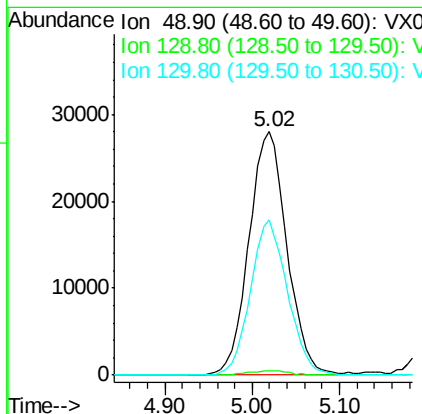
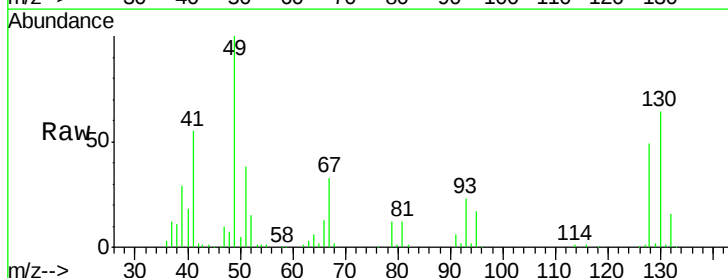
MMDadoda
4/29/2019 11:25:43 AM

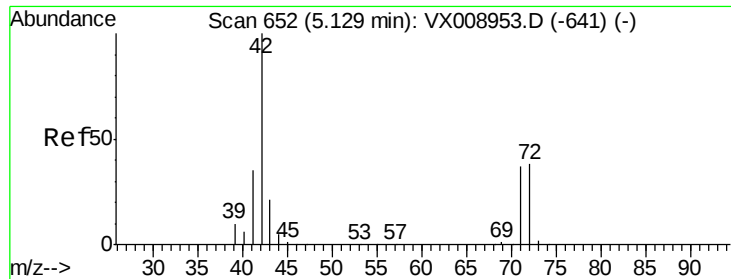


#28

Bromochloromethane
Concen: 45.132 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.6	
130	62.3	50.4	75.6	





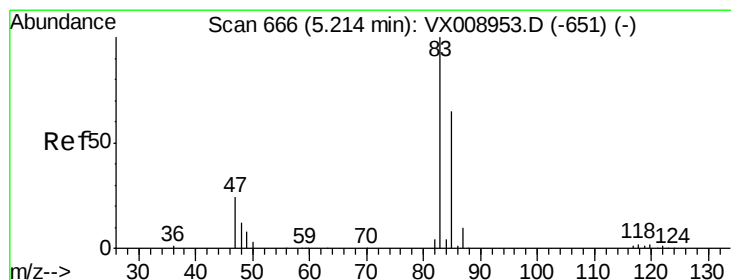
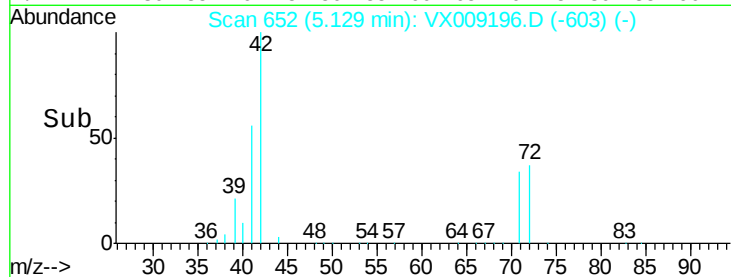
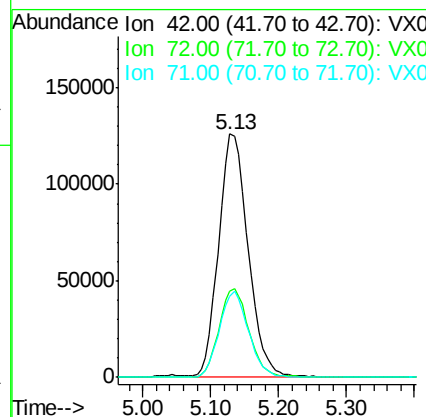
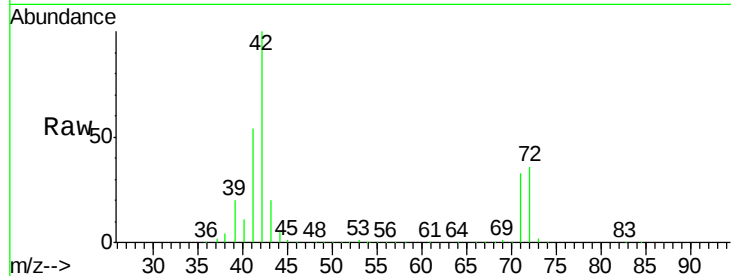
#29
Tetrahydrofuran
Concen: 245.548 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.4	30.6	45.8
71	35.2	28.8	43.2

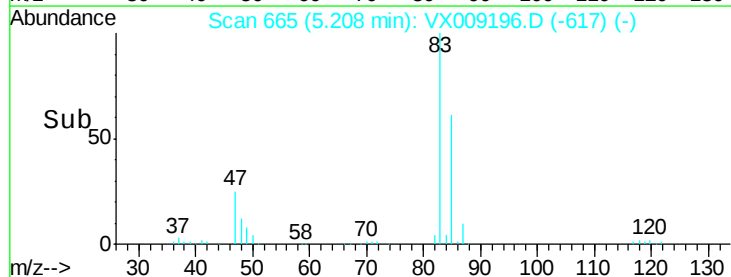
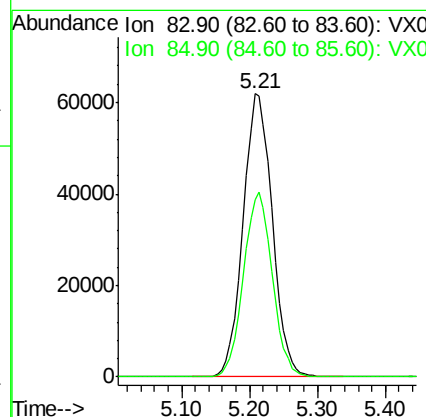
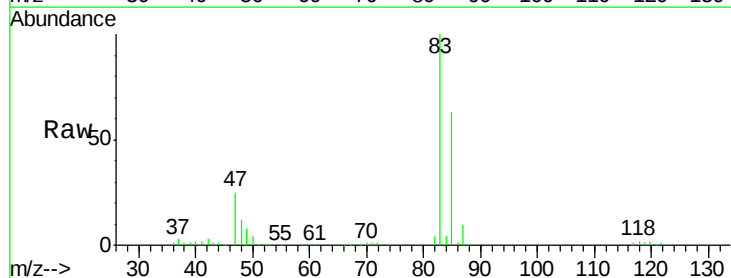
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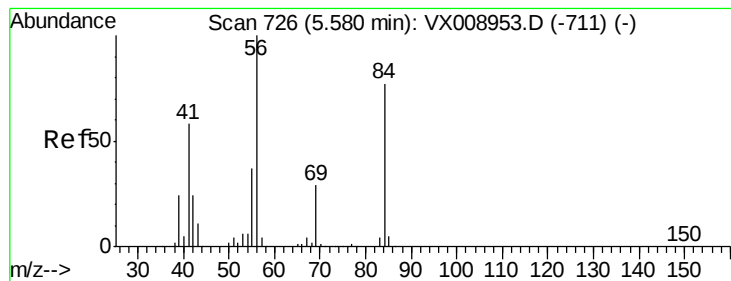
MMDadoda
4/29/2019 11:25:43 AM



#30
Chloroform
Concen: 46.177 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.9	77.9





#31

Cyclohexane

Concen: 43.496 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

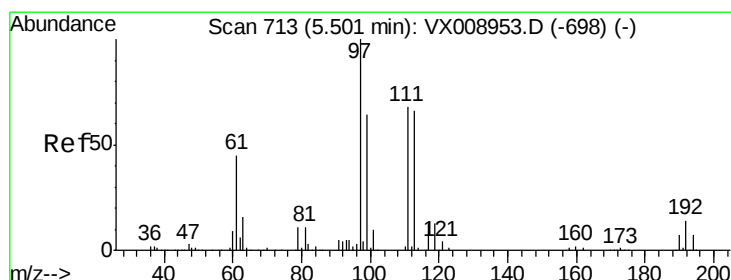
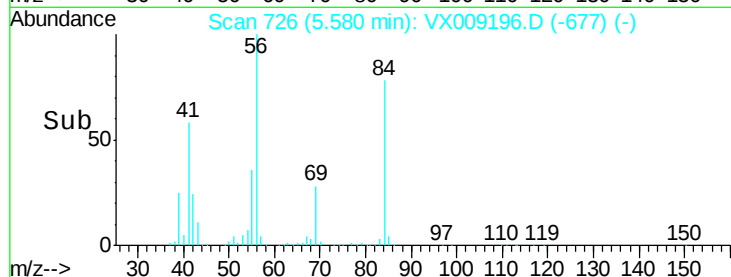
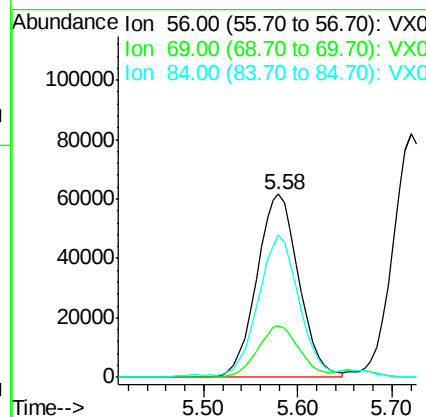
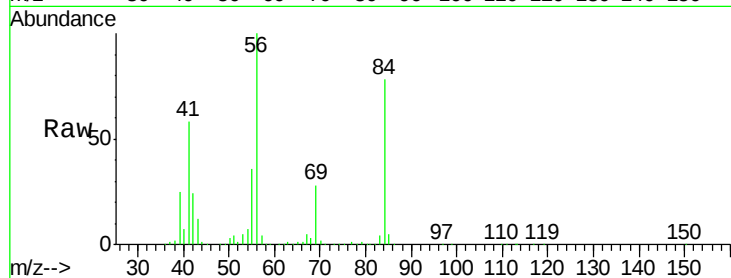
ClientSampleID :

VSTDCCC050EC

Tot Ion:	56	Resp:	191661
Ion Ratio	Lower	Upper	
56	100		
69	28.5	23.3	34.9
84	76.5	61.7	92.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 45.795 ug/l

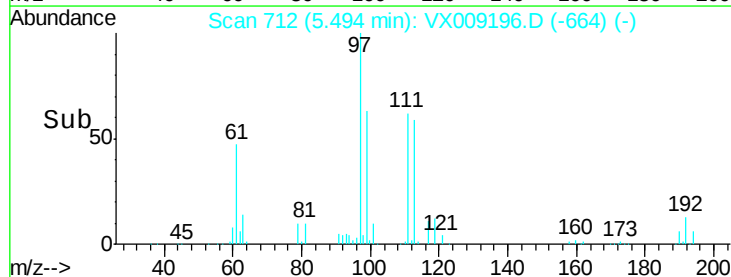
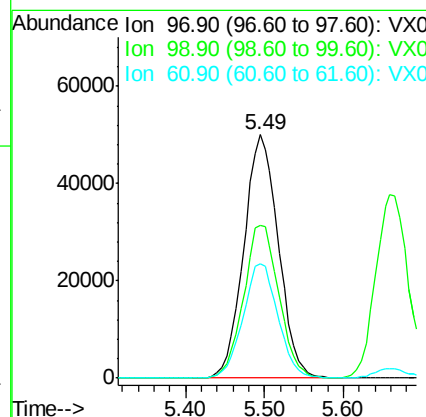
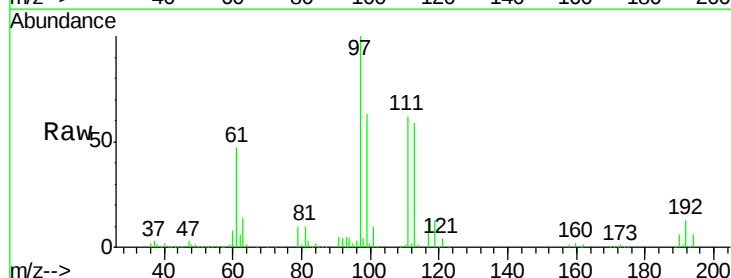
RT: 5.49 min Scan# 712

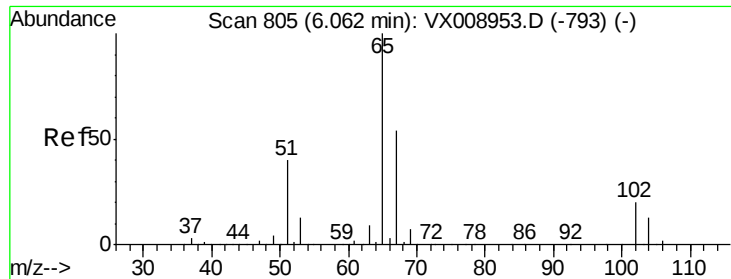
Delta R.T. -0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion:	97	Resp:	152163
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.6	77.4
61	47.4	37.9	56.9





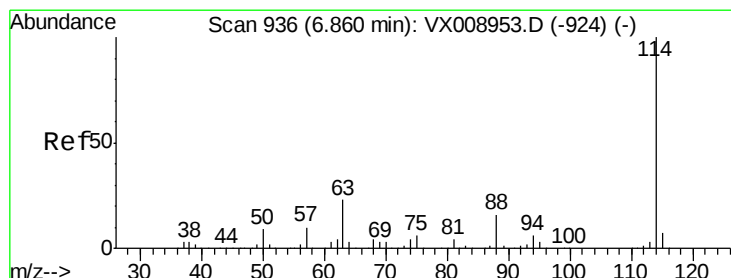
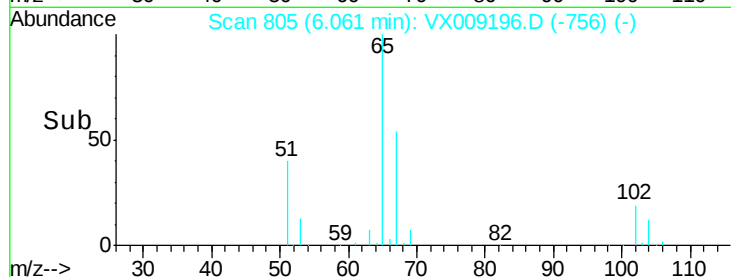
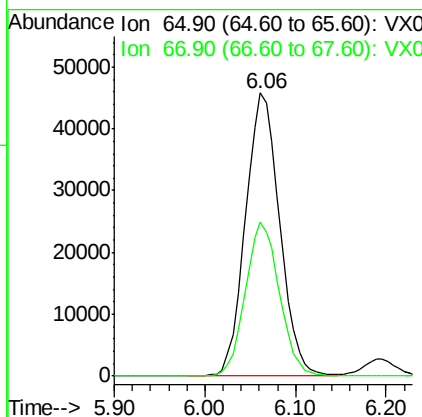
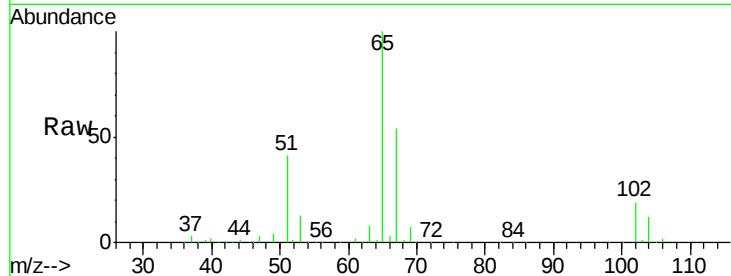
#33
 1,2-Dichloroethane-d4
 Concen: 43.127 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.6

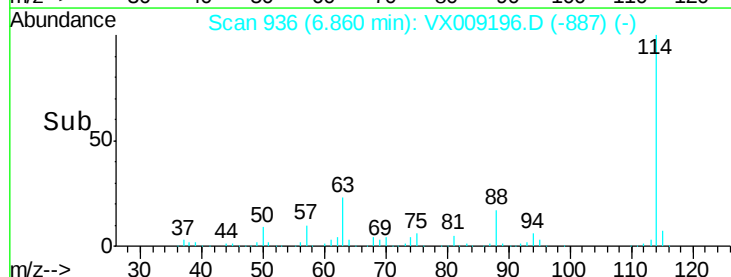
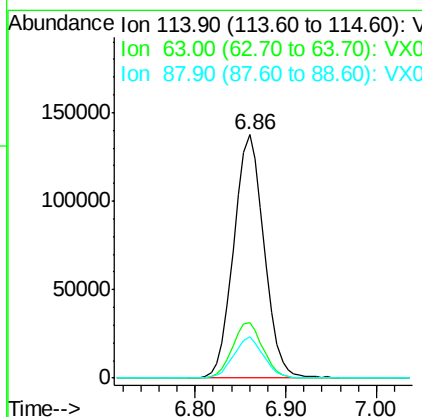
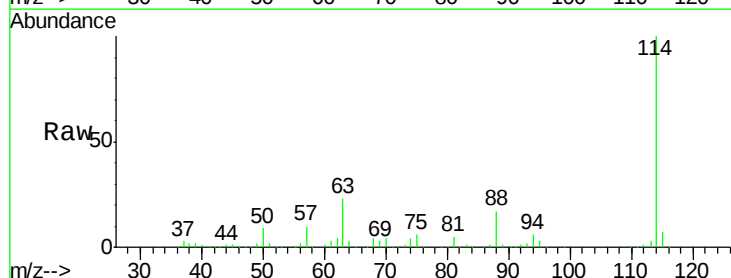
Manual Integrations
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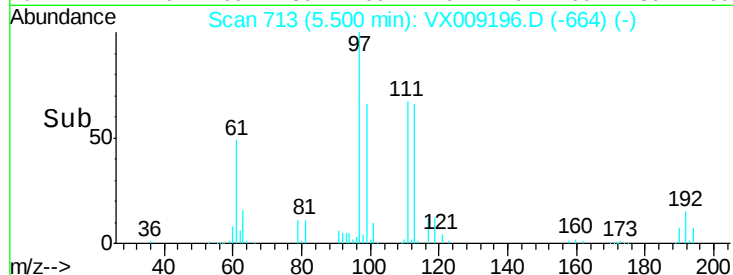
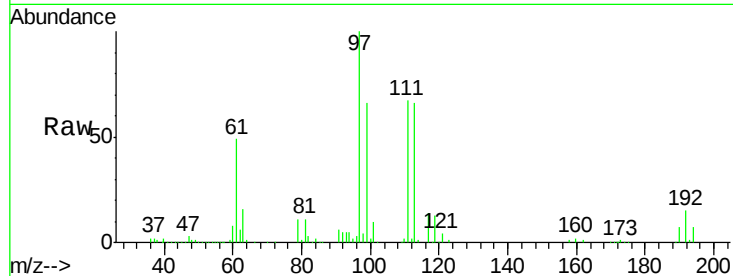
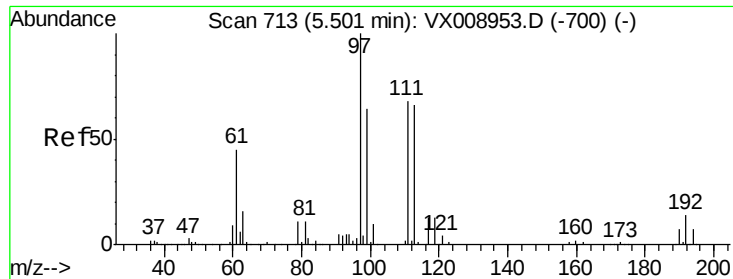
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 4/29/2019 11:25:43 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	46.0
88	16.9	0.0	32.6





#35

Dibromofluoromethane

Concen: 42.952 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tot Ion:	113	Resp:	88226
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	21.8	17.4	26.0

Instrument :

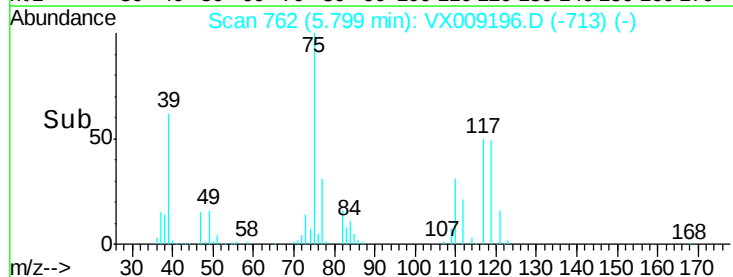
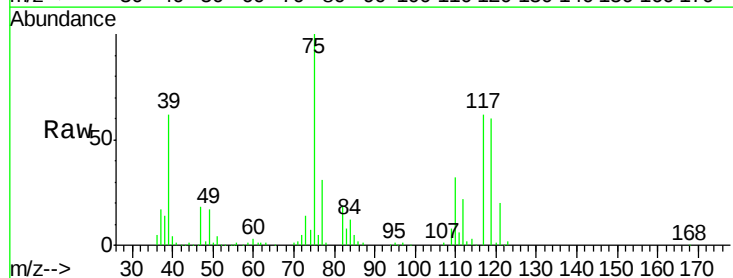
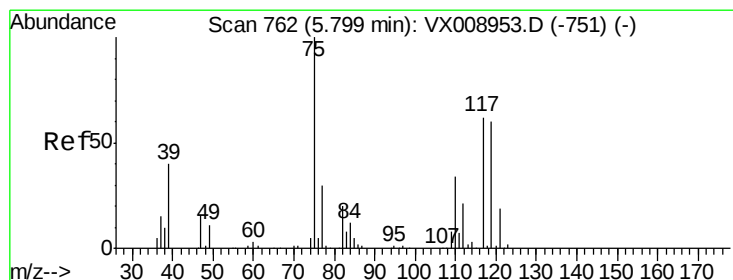
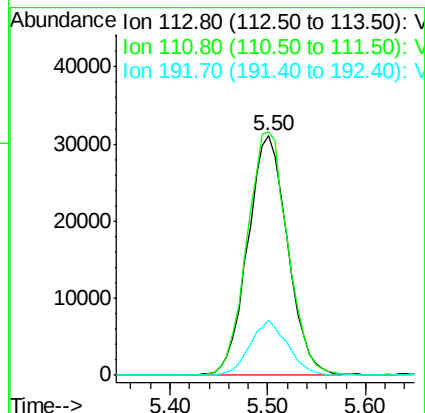
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 42.293 ug/l

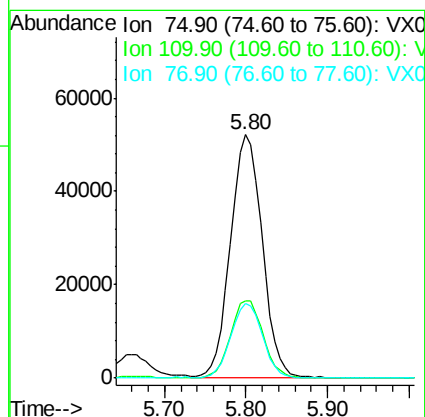
RT: 5.80 min Scan# 762

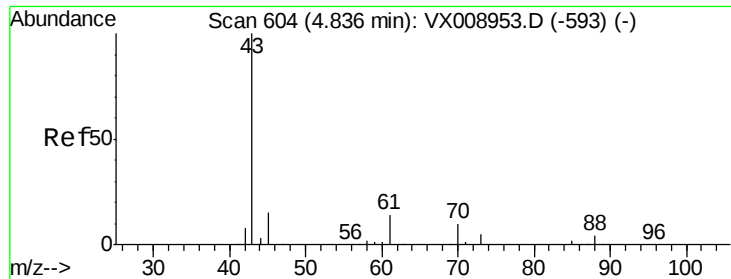
Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion:	75	Resp:	139994
Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.9	50.7
77	30.5	25.0	37.4





#37

Ethyl Acetate

Concen: 49.215 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

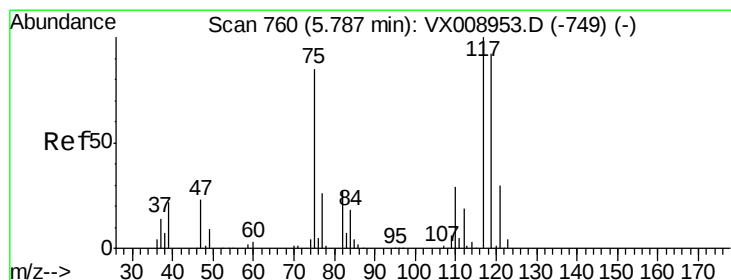
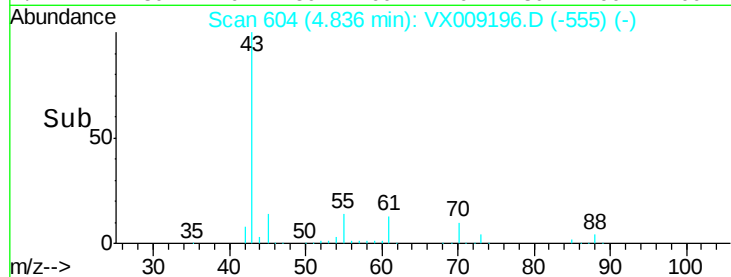
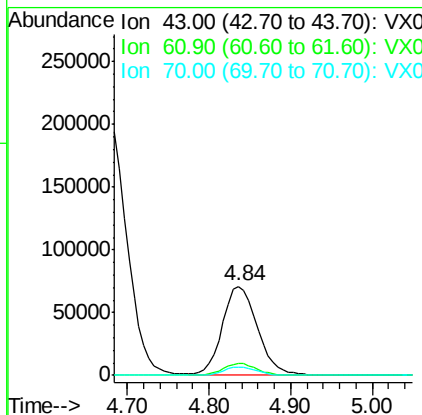
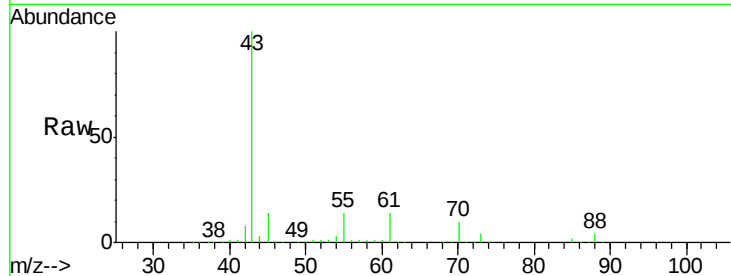
ClientSampleID :

VSTDCCC050EC

Tot Ion:	43	Resp:	209624
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	15.8
70	9.5	7.7	11.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 44.923 ug/l

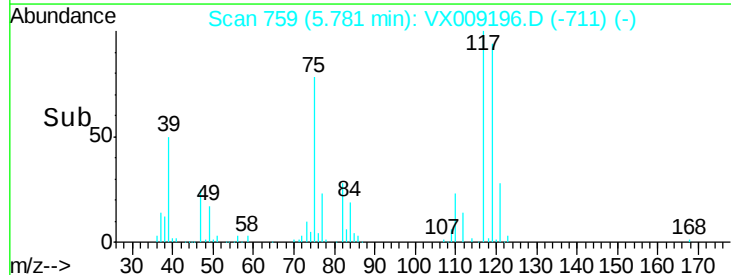
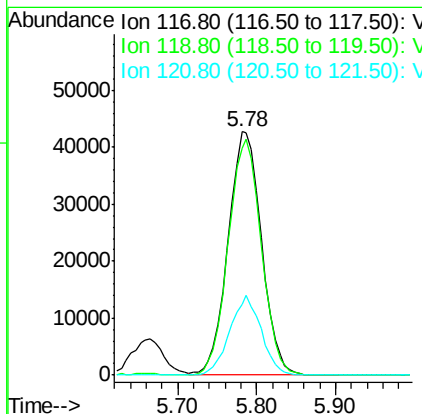
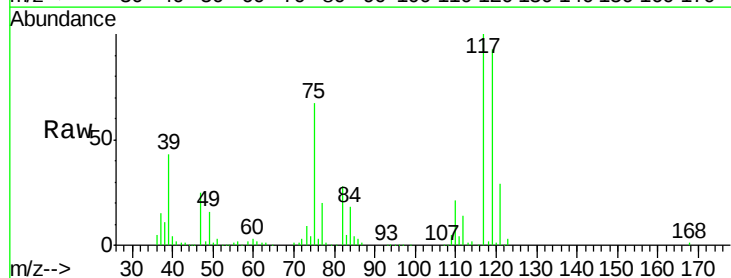
RT: 5.78 min Scan# 759

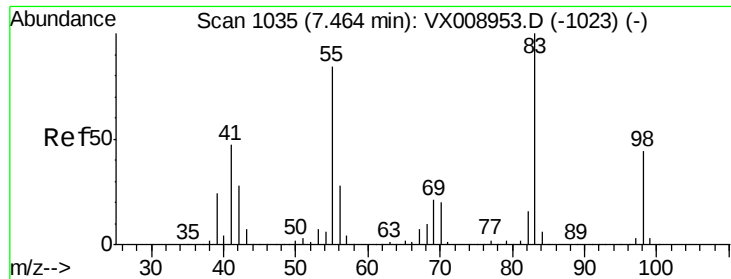
Delta R.T. -0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion:	117	Resp:	126062
Ion	Ratio	Lower	Upper
117	100		
119	93.3	73.8	110.8
121	29.1	23.6	35.4





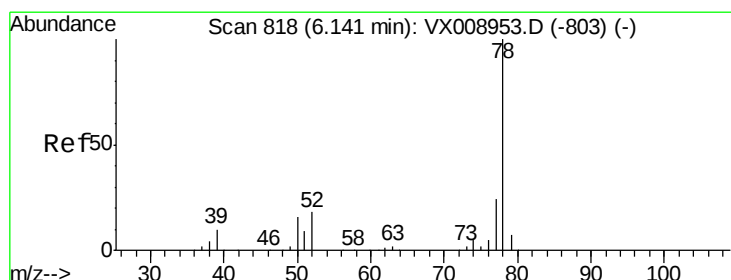
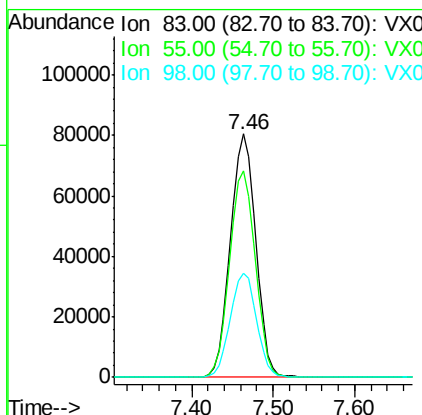
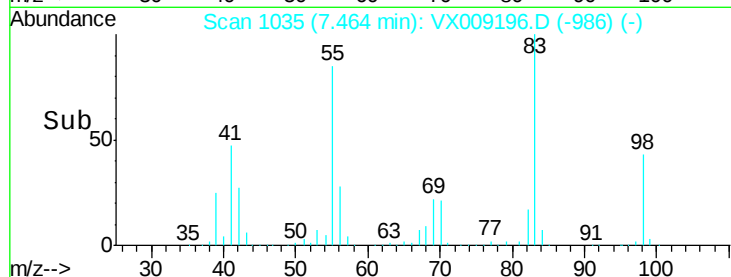
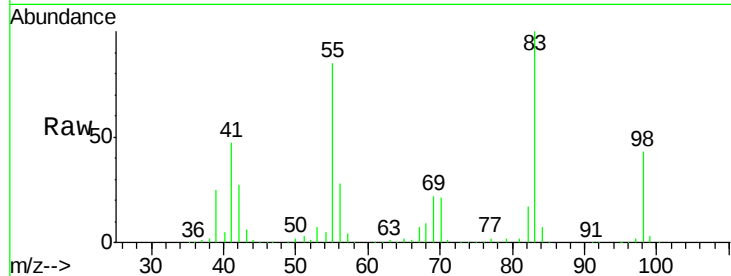
#39
Methvlcvclohexane
Concen: 42.761 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.9	67.1	100.7
98	42.5	35.1	52.7

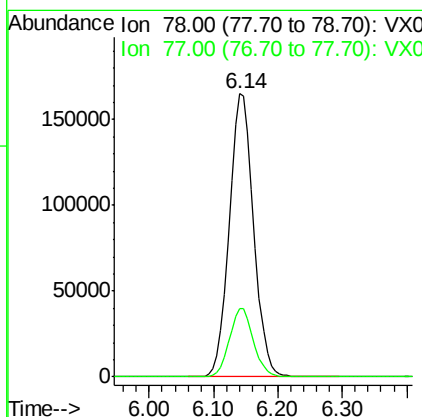
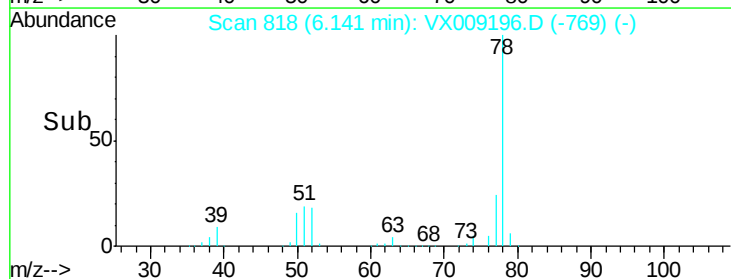
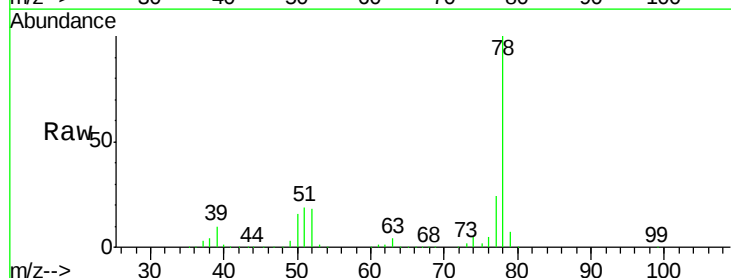
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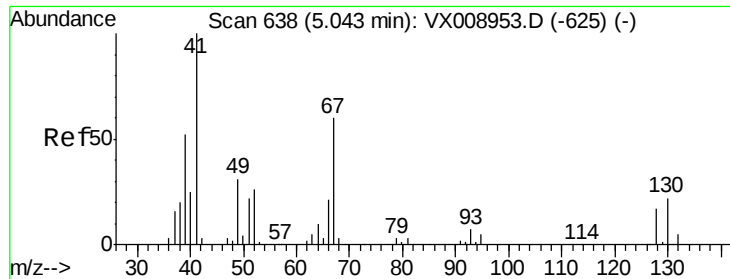
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#40
Benzene
Concen: 44.649 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





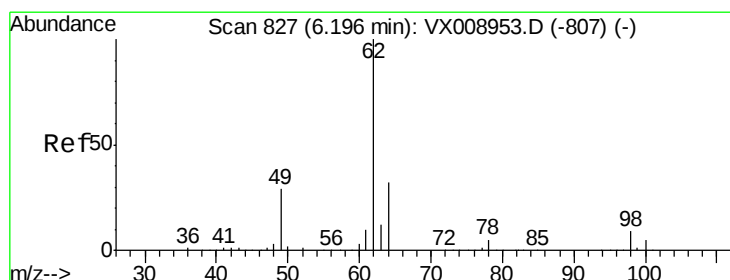
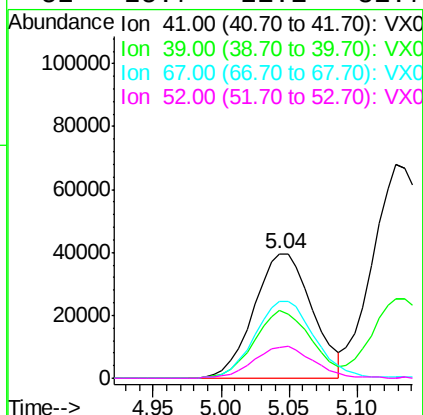
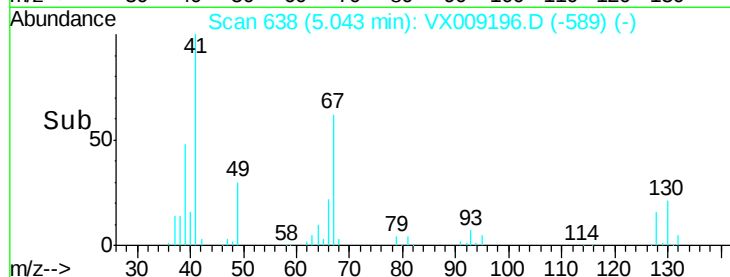
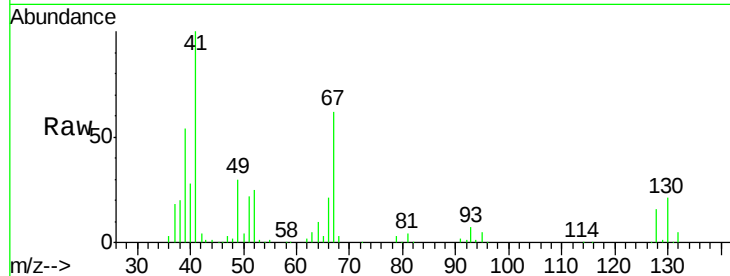
#41
Methacrylonitrile
Concen: 48.481 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	41.8	62.6	
67	63.7	50.2	75.4	
52	25.7	21.1	31.7	

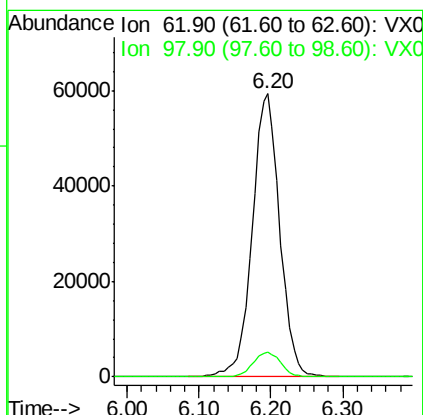
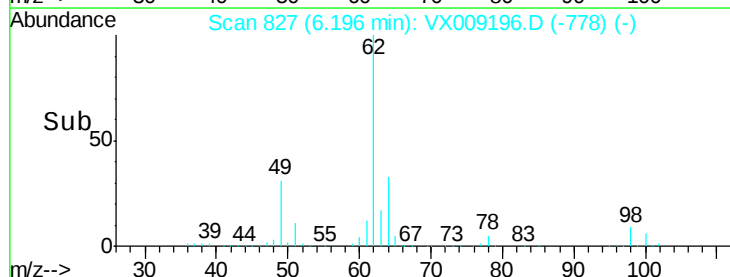
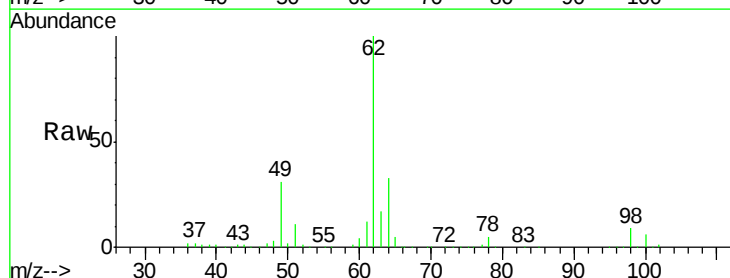
Manual Integrations
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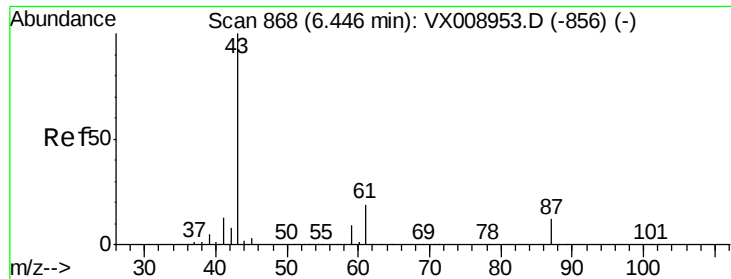
MMDadoda
4/29/2019 11:25:43 AM



#42
1,2-Dichloroethane
Concen: 45.113 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	18.4	





#43

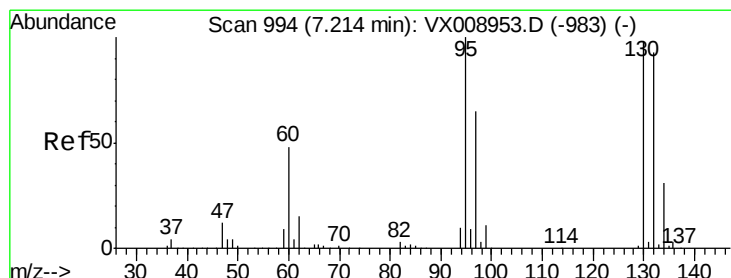
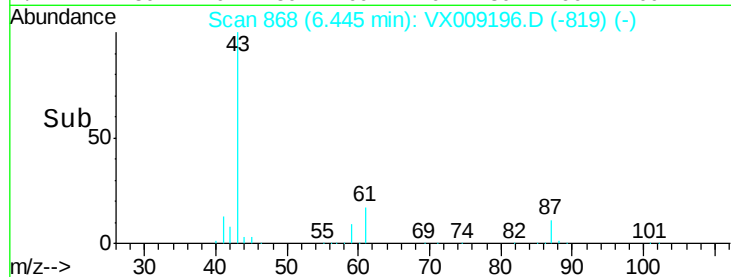
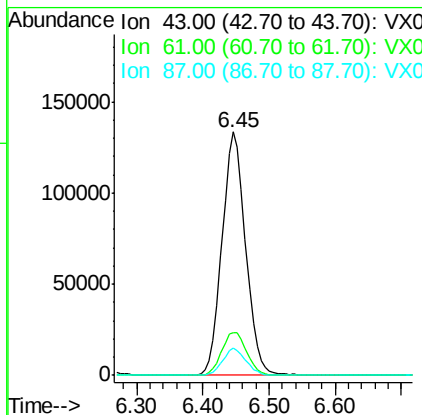
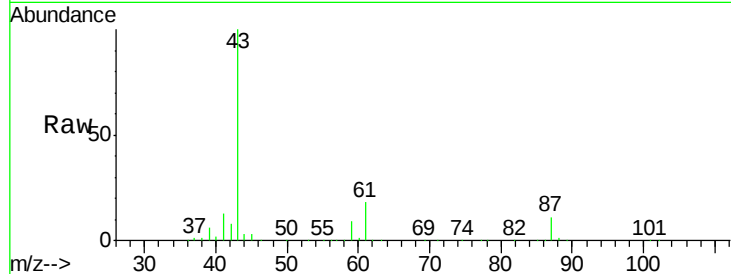
Isopropyl Acetate
 Concen: 47.875 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	43	Resp	328609
Ion Ratio	100	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	11.1	9.0	13.4

Manual Integrations
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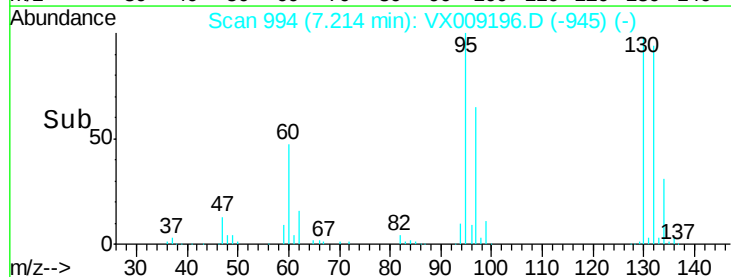
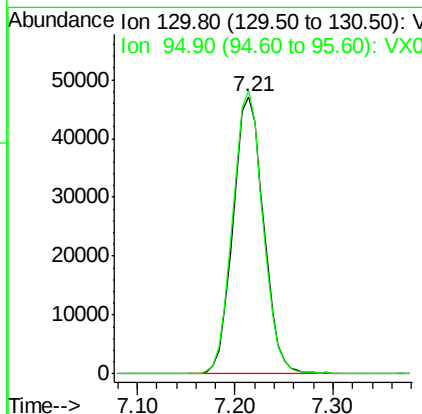
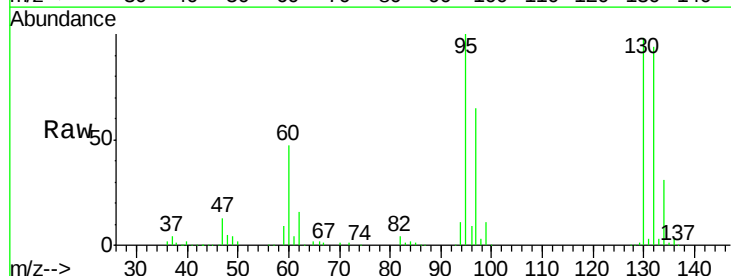
MMDadoda
 4/29/2019 11:25:43 AM

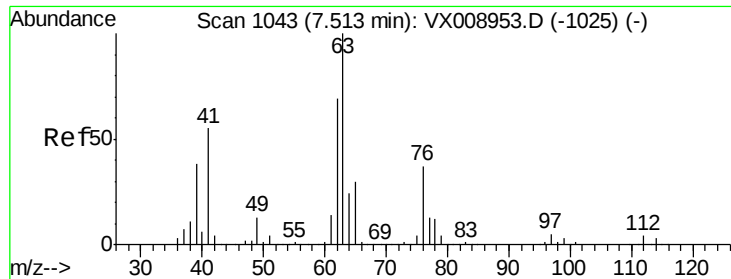


#44

Trichloroethene
 Concen: 42.722 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion	130	Resp	102217
Ion Ratio	100	Lower	Upper
130	100		
95	102.1	0.0	203.2





#45

1,2-Dichloropropane

Concen: 46.003 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 124624

Ion Ratio Lower Upper

63 100

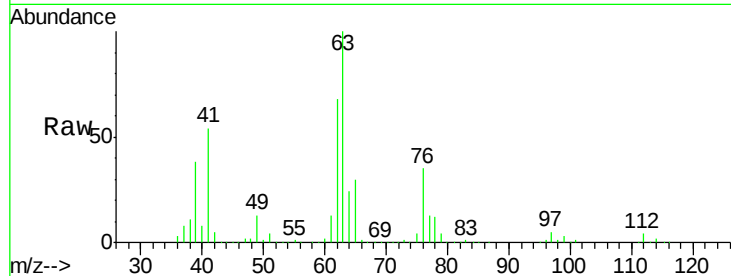
65 30.0 24.1 36.1

Manual Integrations

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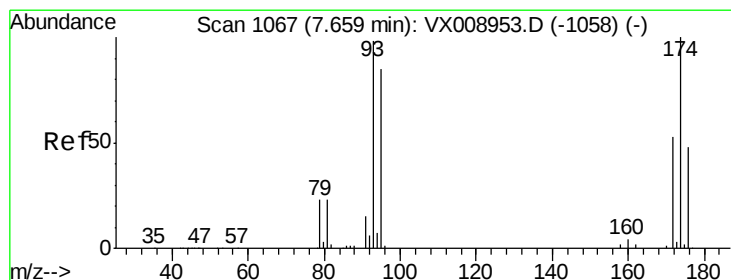
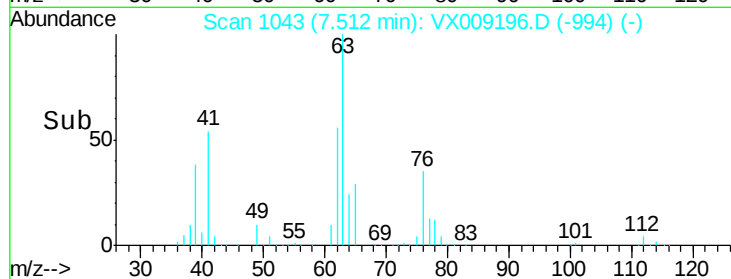
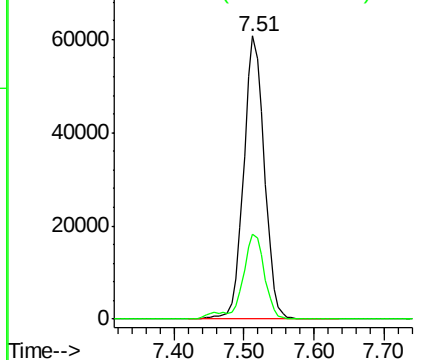
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.687 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

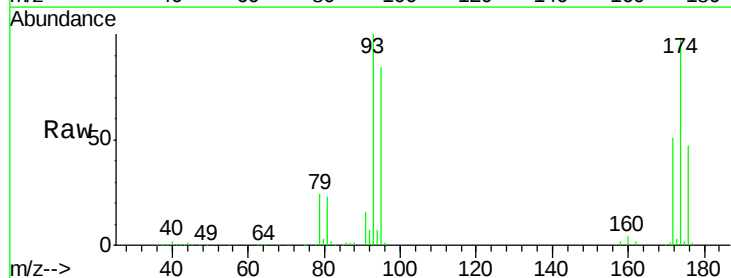
Tgt Ion: 93 Resp: 70454

Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.4

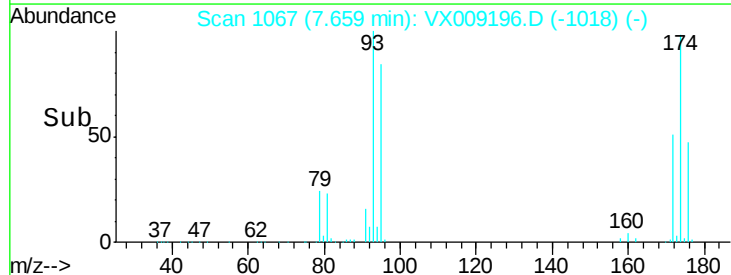
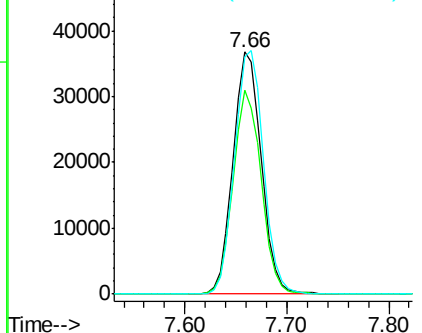
174 102.5 81.6 122.4

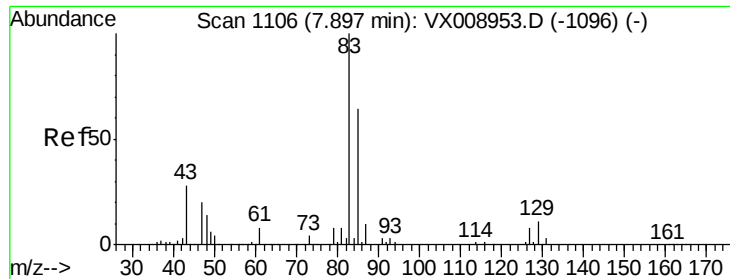


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





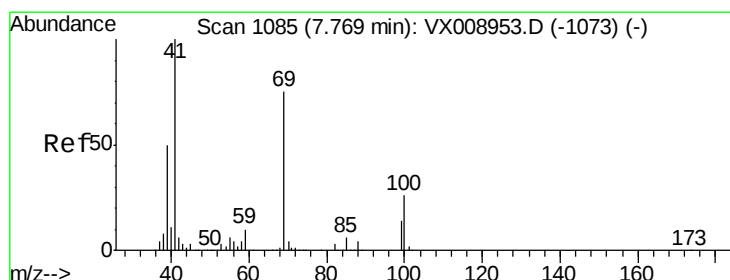
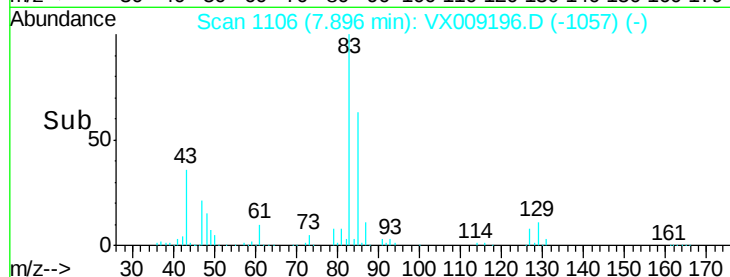
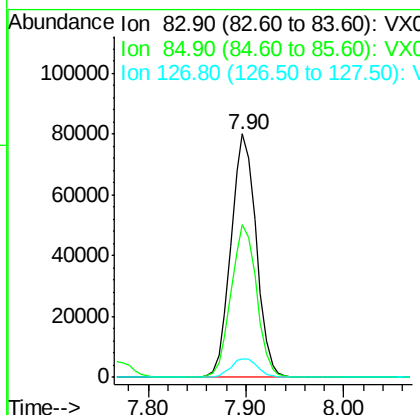
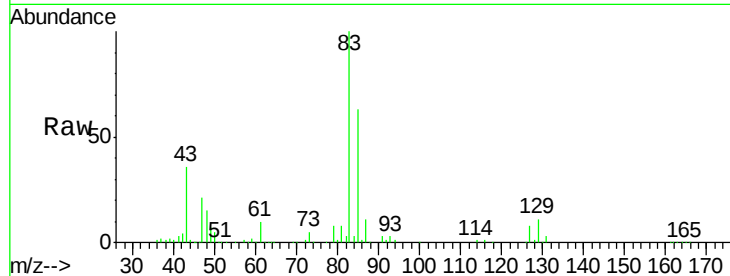
#47
Bromodichloromethane
Concen: 46.476 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	143718
Ion Ratio	100	Lower	Upper
83	100		
85	62.8	50.8	76.2
127	7.6	6.4	9.6

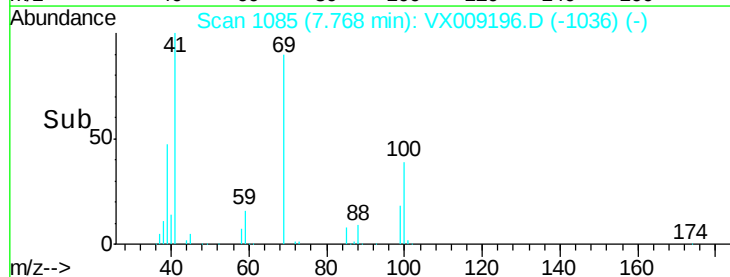
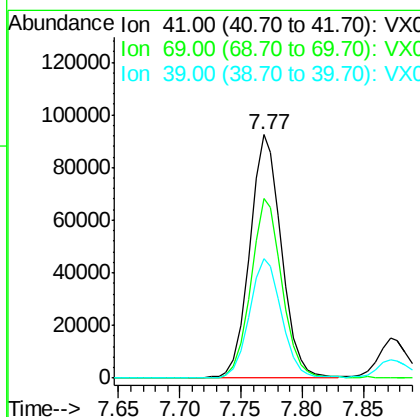
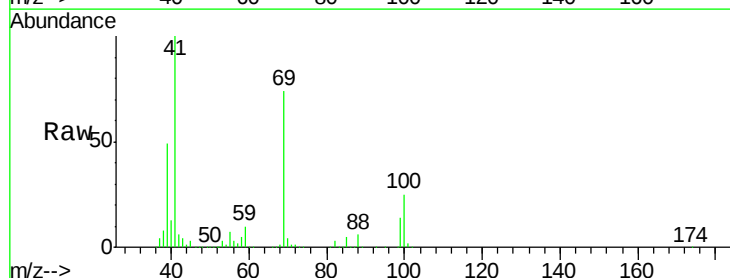
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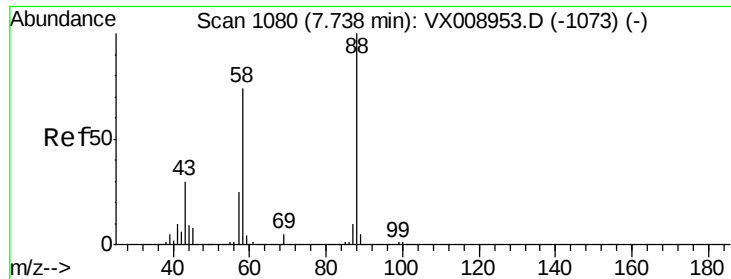
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4/29/2019 11:25:43 AM



#48
Methyl methacrylate
Concen: 48.991 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	41	Resp	166156
Ion Ratio	100	Lower	Upper
41	100		
69	73.3	59.4	89.2
39	49.6	39.8	59.6





#49

1,4-Dioxane

Concen: 1019.993 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

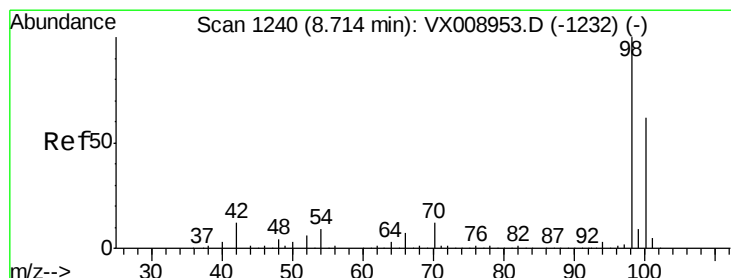
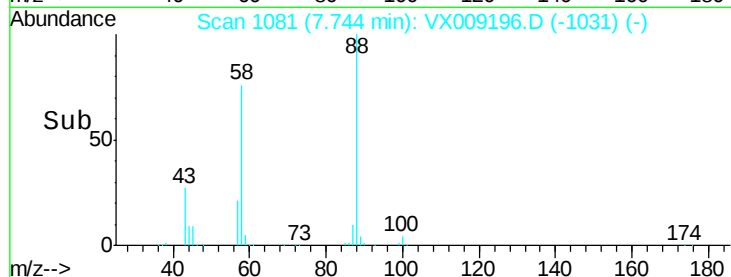
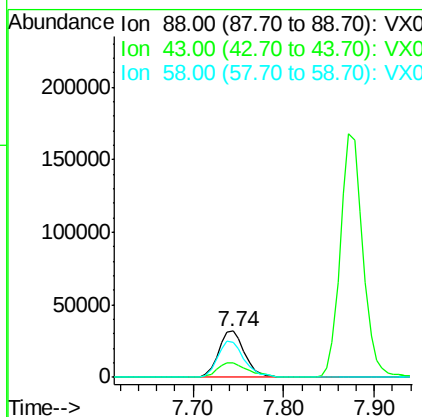
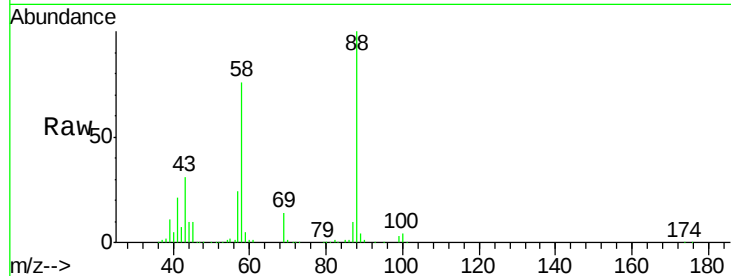
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	64748
Ion	Ratio	Lower	Upper
88	100		
43	36.3	29.3	43.9
58	79.3	62.6	93.8

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#50

Toluene-d8

Concen: 43.081 ug/l

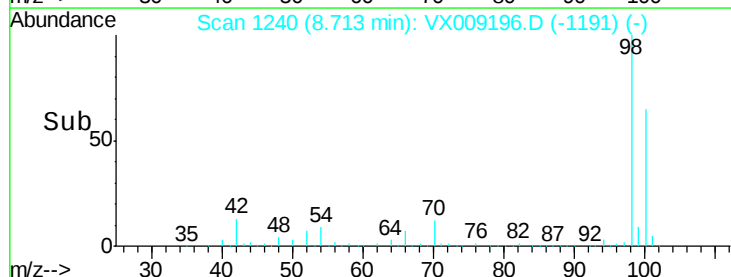
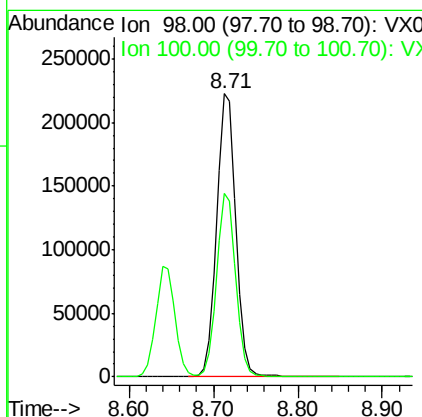
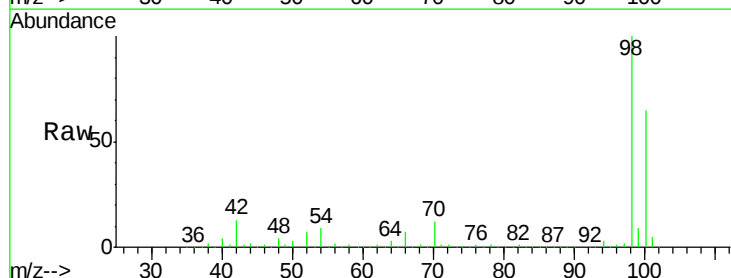
RT: 8.71 min Scan# 1240

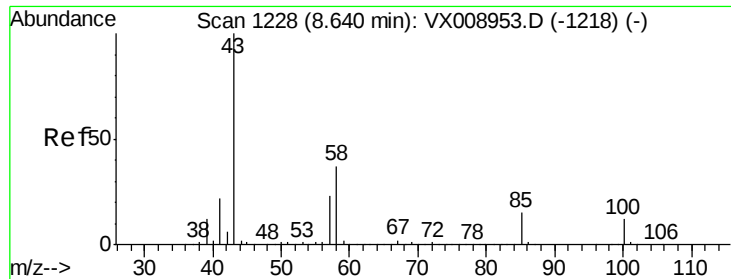
Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion:	98	Resp:	352903
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.2





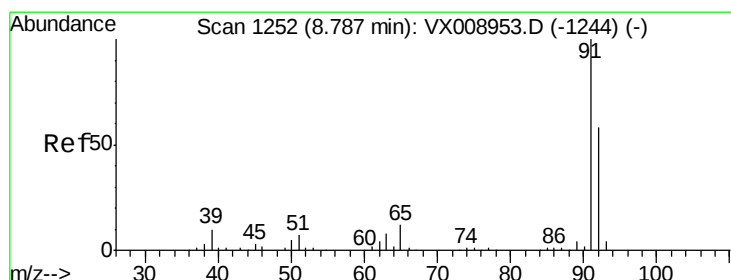
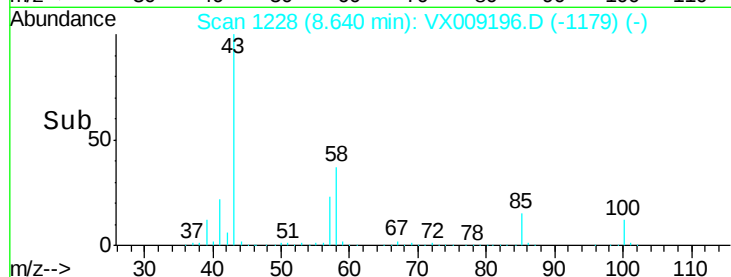
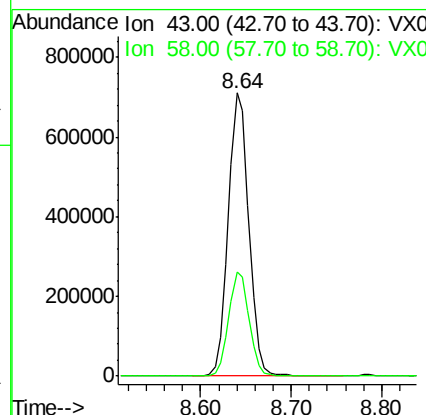
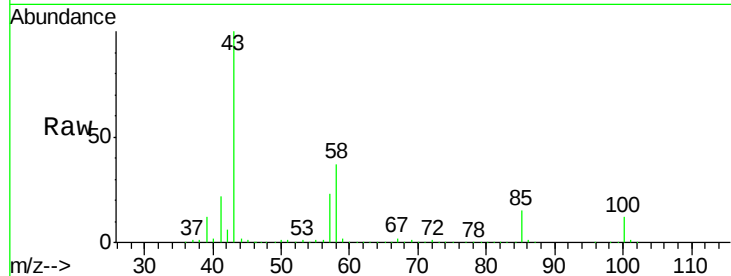
#51
4-Methyl-2-Pentanone
Concen: 255.904 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1119025
Ion Ratio Lower Upper
43 100
58 36.7 29.8 44.6

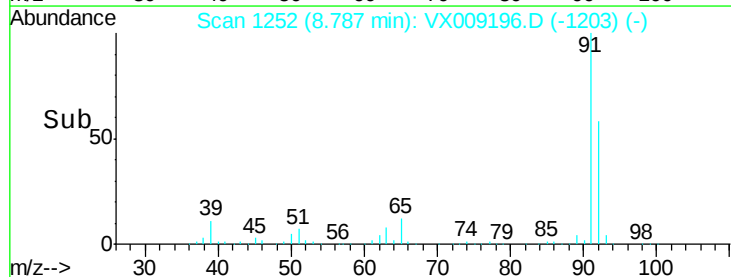
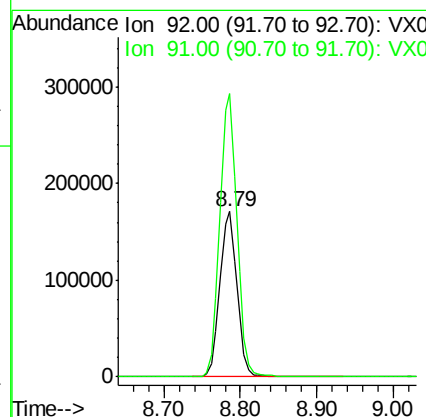
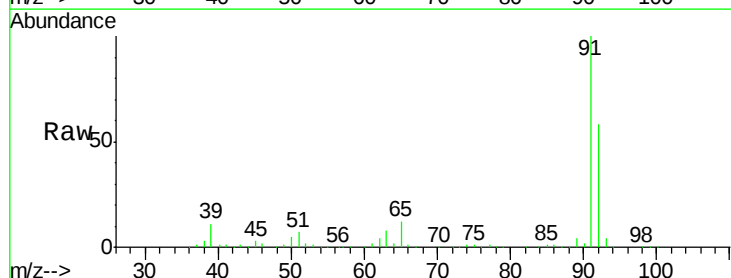
Manual Integrations
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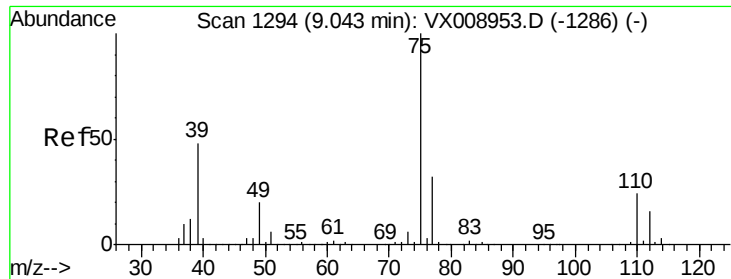
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#52
Toluene
Concen: 45.304 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 92 Resp: 265132
Ion Ratio Lower Upper
92 100
91 172.2 138.5 207.7





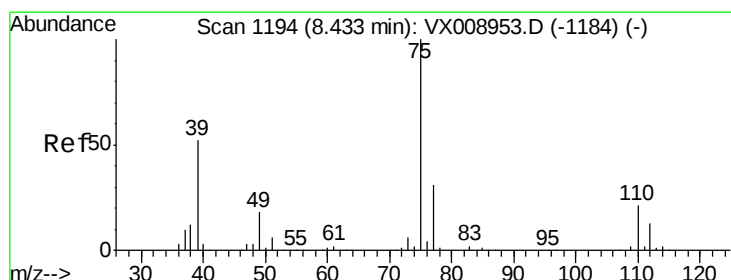
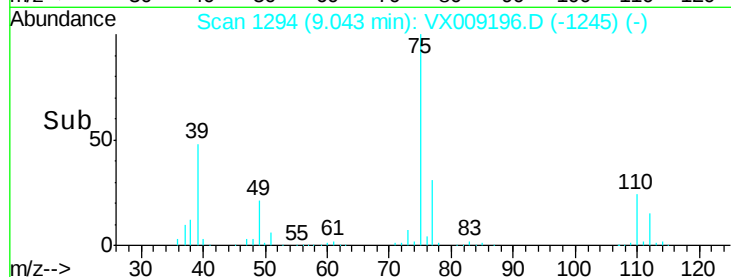
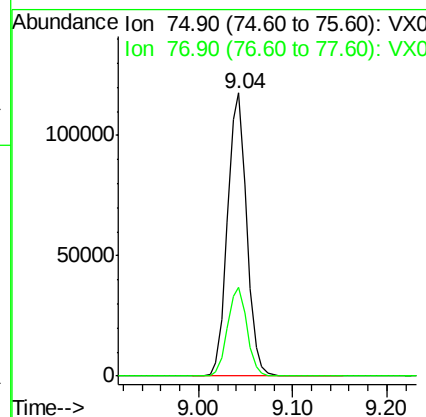
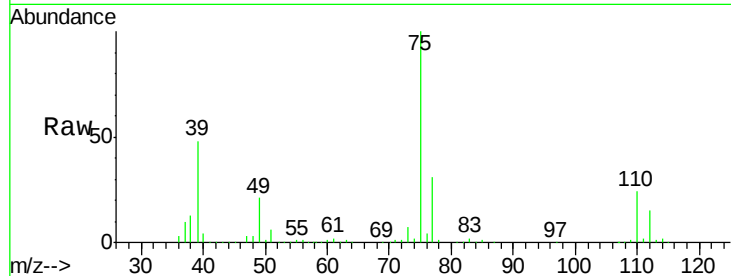
#53
 t-1,3-Dichloropropene
 Concen: 46.618 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 75 Resp: 165905
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2

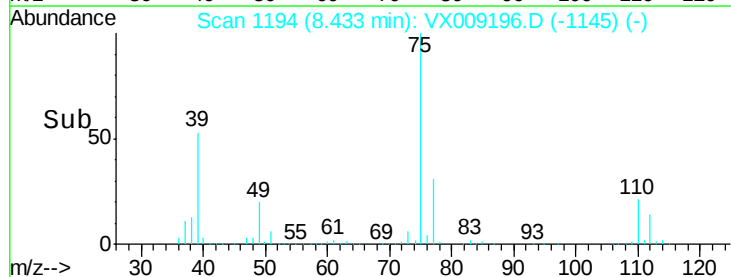
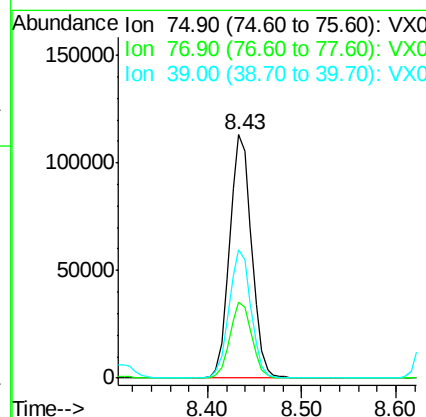
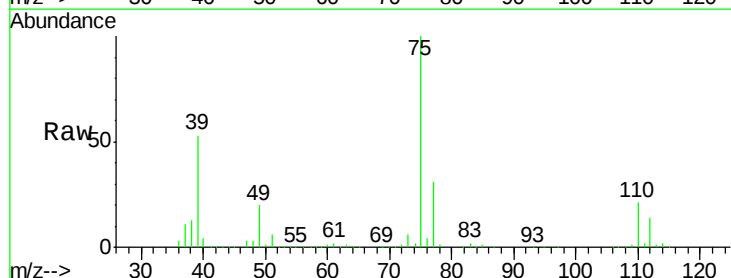
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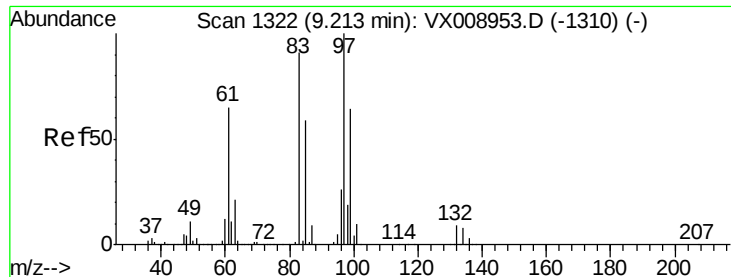
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#54
 cis-1,3-Dichloropropene
 Concen: 45.839 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion: 75 Resp: 182662
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 52.7 41.8 62.6





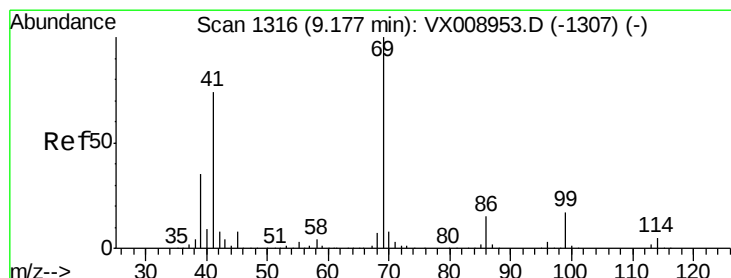
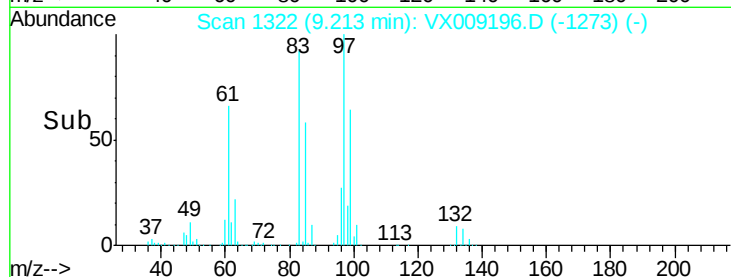
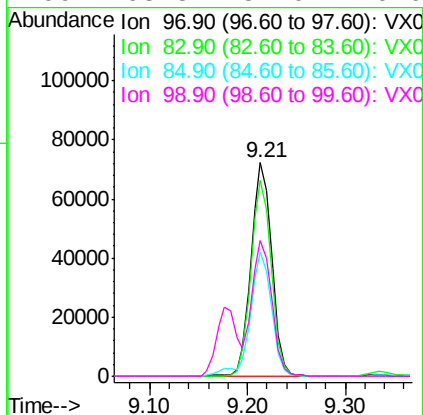
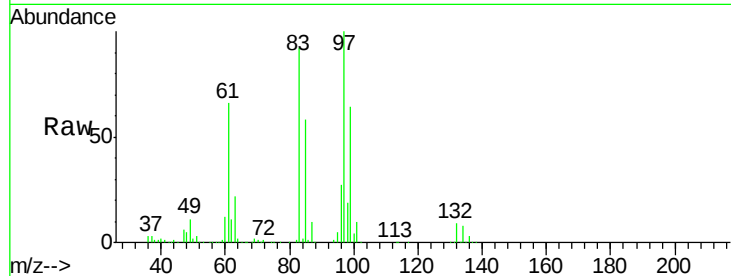
#55
 1,1,2-Trichloroethane
 Concen: 45.900 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	106463
Ion	Ratio	Lower	Upper
97	100		
83	91.6	72.6	108.8
85	58.0	46.9	70.3
99	63.8	51.0	76.6

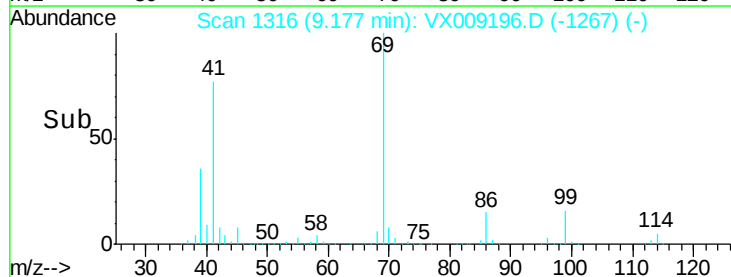
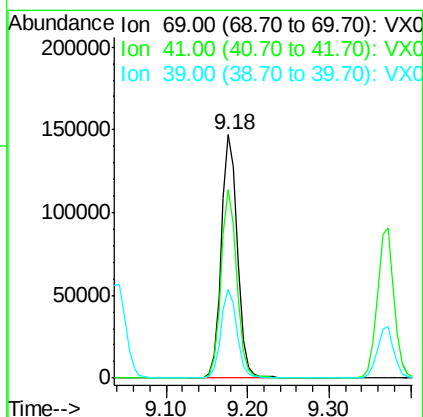
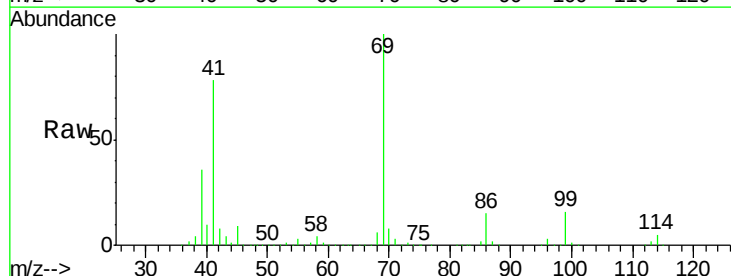
Manual Integrations
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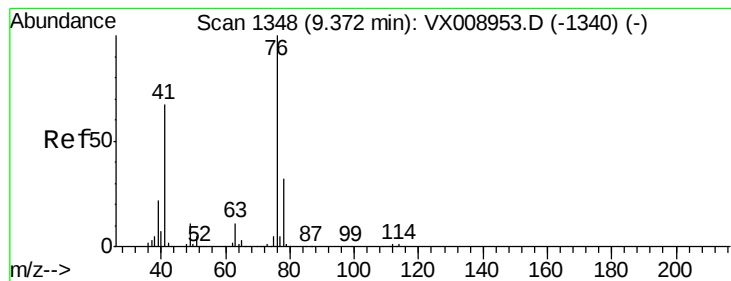
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#56
 Ethyl methacrylate
 Concen: 48.857 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion:	69	Resp:	203195
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.2	90.2
39	35.9	27.9	41.9





#57

1,3-Dichloropropane

Concen: 45.883 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 189486

Ion Ratio Lower Upper

76 100

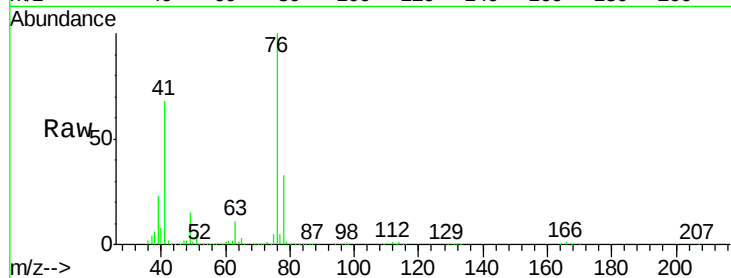
78 32.1 25.7 38.5

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

9.37

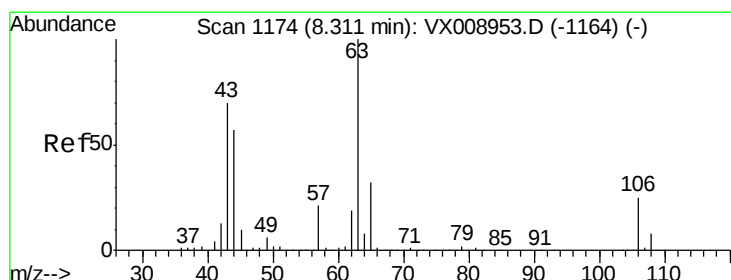
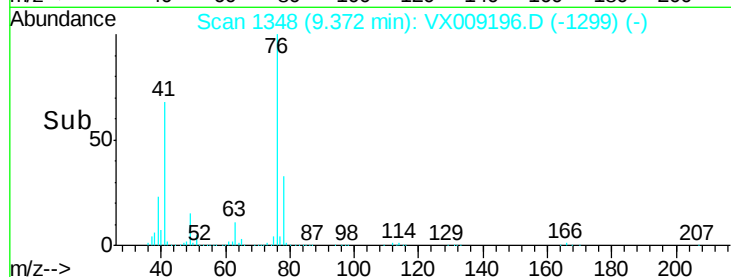
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 223.262 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009196.D

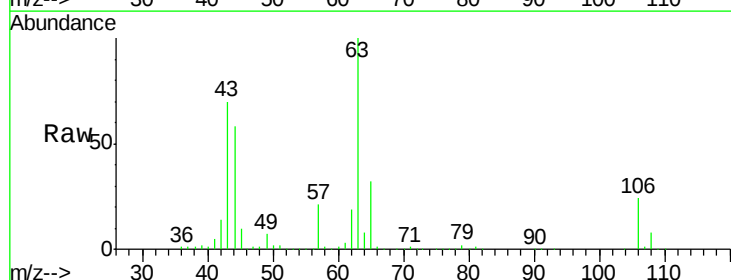
Acq: 26 Apr 2019 17:44

Tgt Ion: 63 Resp: 500020

Ion Ratio Lower Upper

63 100

106 24.4 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

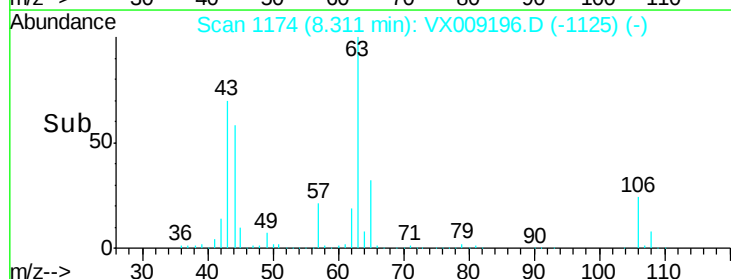
300000

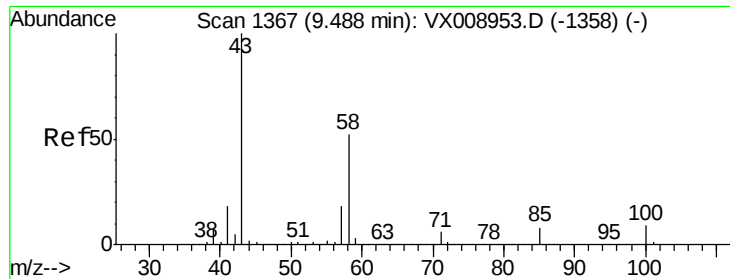
200000

100000

0

Time-->





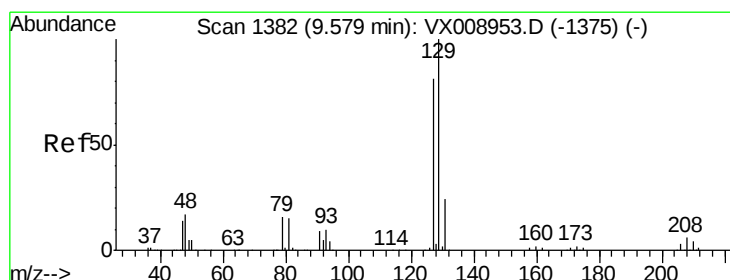
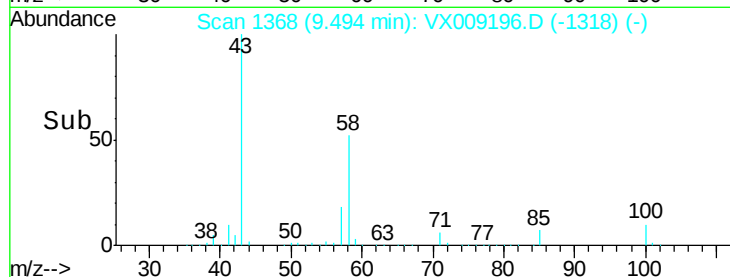
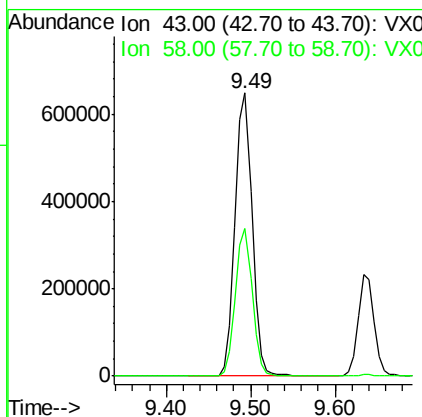
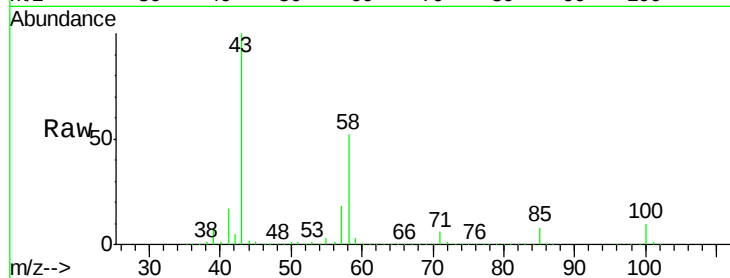
#59
2-Hexanone
Concen: 260.655 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 878762
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8

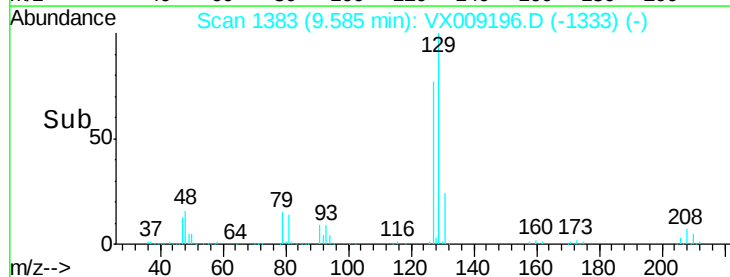
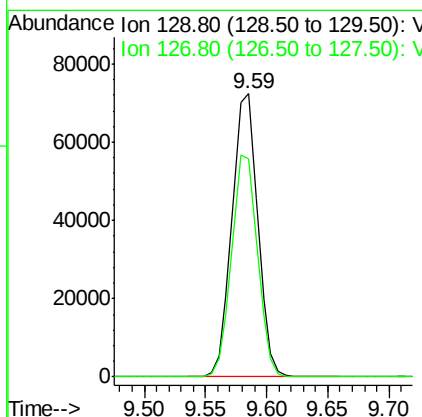
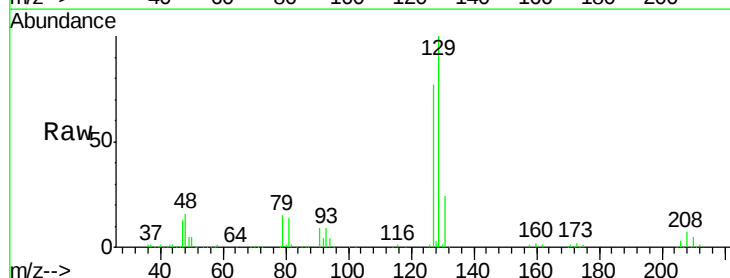
Manual Integrations
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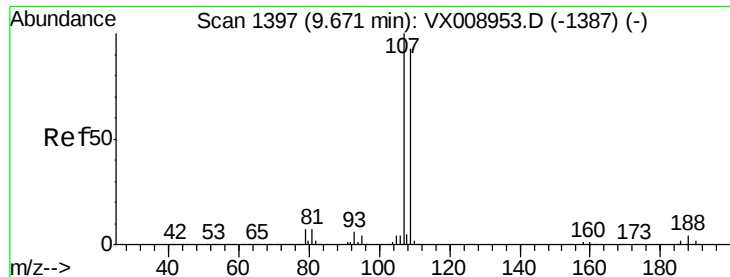
MMDadoda
4/29/2019 11:25:43 AM



#60
Dibromochloromethane
Concen: 47.429 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 129 Resp: 105433
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 46.030 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 110190

Ion Ratio Lower Upper

107 100

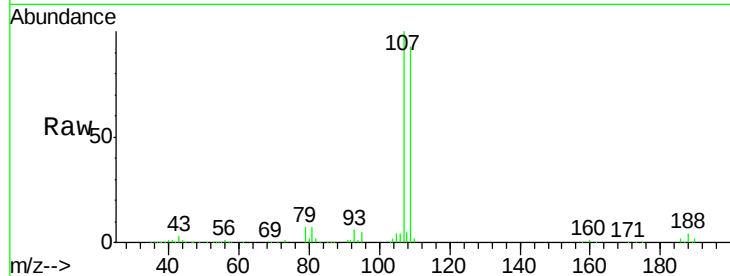
109 94.1 74.4 111.6

Manual Integrations

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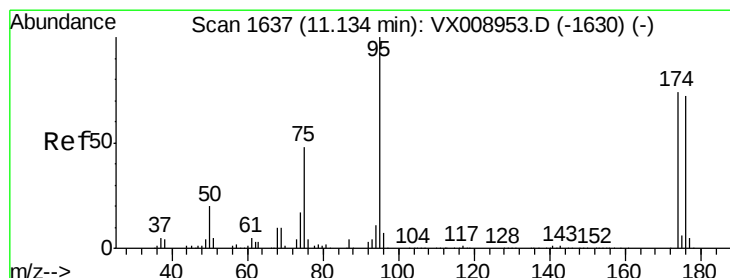
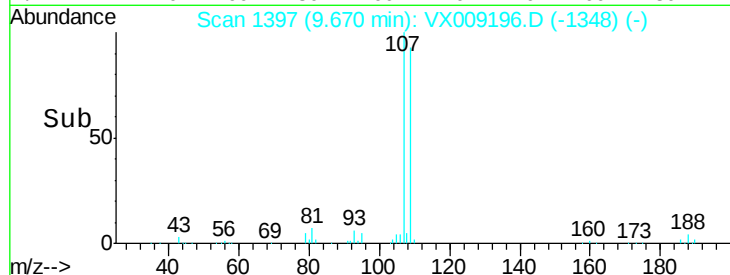
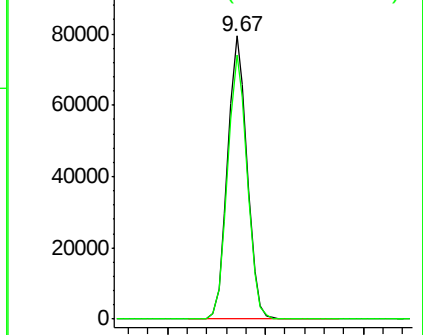
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.665 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

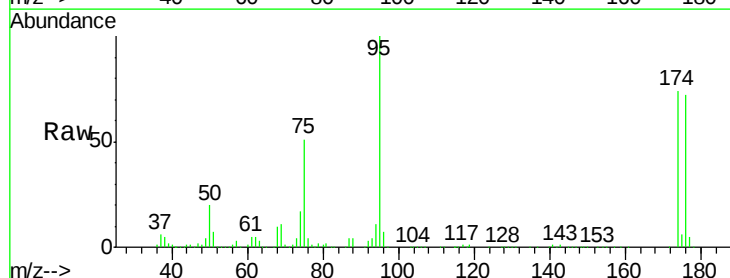
Tgt Ion: 95 Resp: 132049

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.6

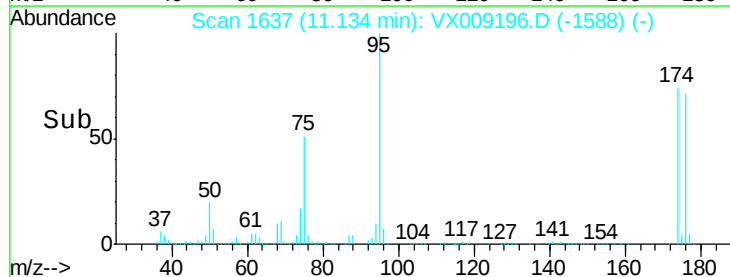
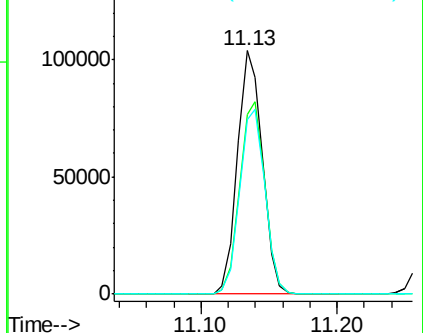
176 77.5 0.0 154.8

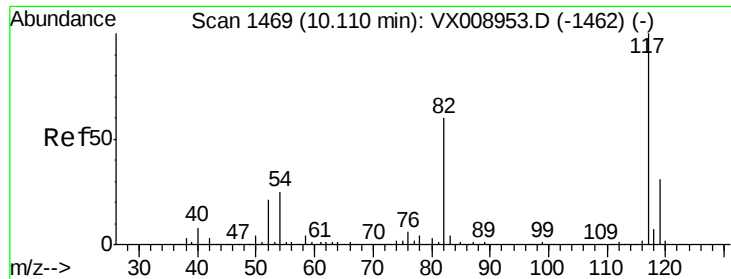


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





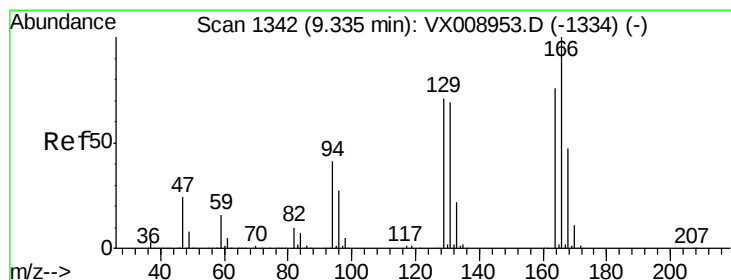
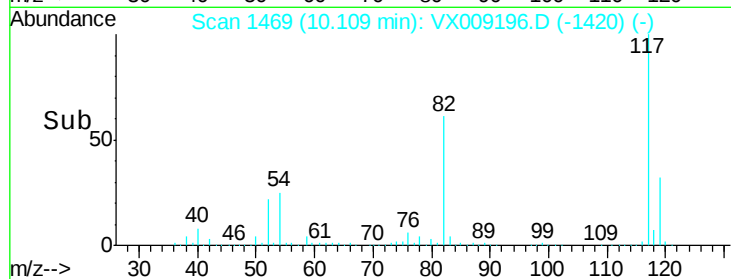
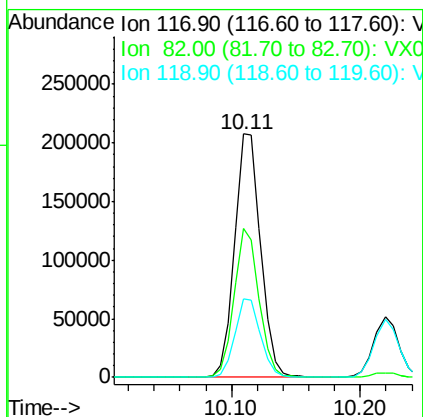
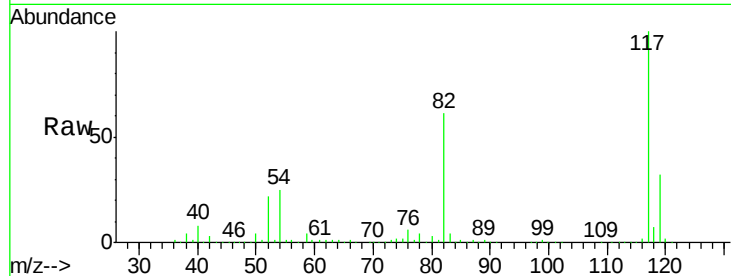
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	48.2	72.4
119	32.0	25.0	37.6

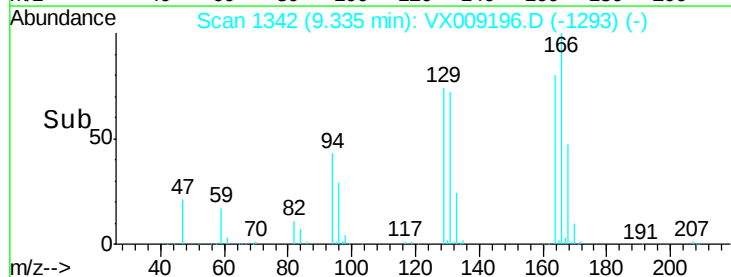
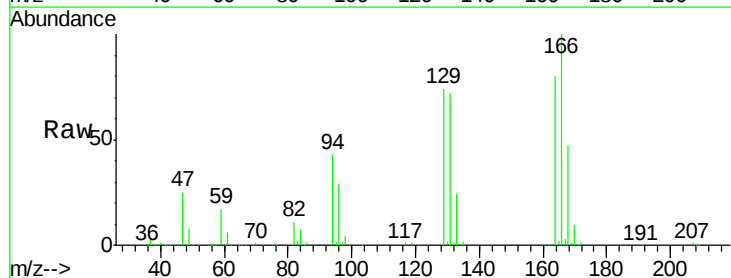
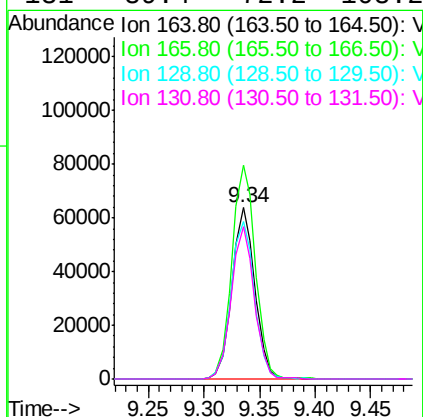
Manual Integrations
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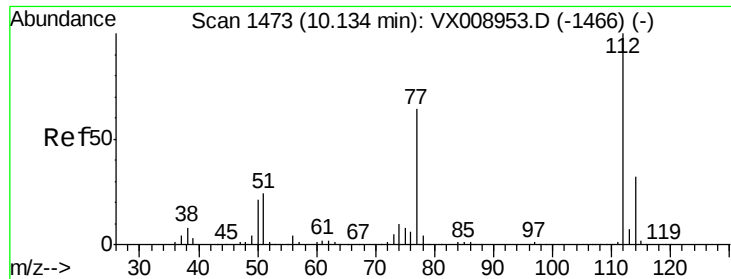
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#64
Tetrachloroethene
Concen: 40.652 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	105.0	157.4
129	91.8	74.2	111.4
131	89.4	72.2	108.2





#65

Chlorobenzene

Concen: 43.881 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 270991

Ion Ratio Lower Upper

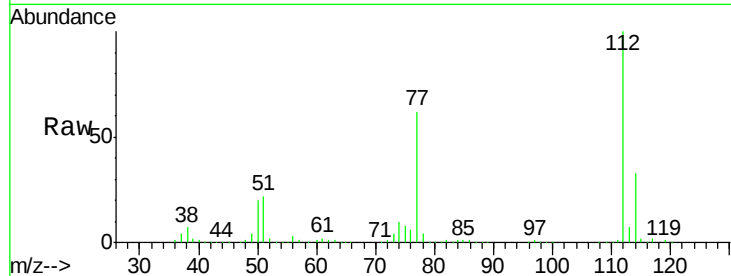
112 100

114 32.8 25.4 38.0

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200000

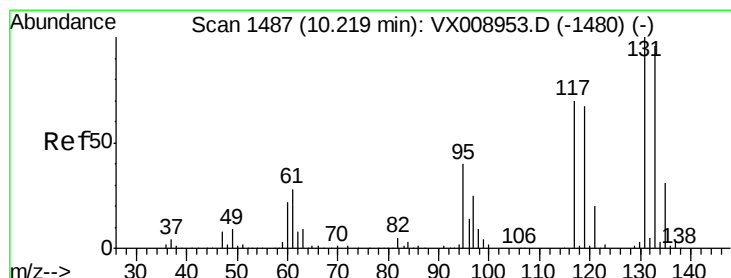
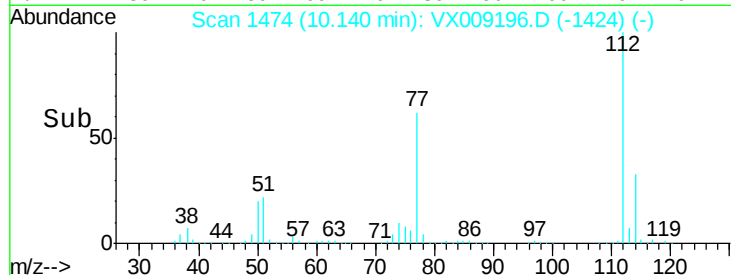
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 45.073 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

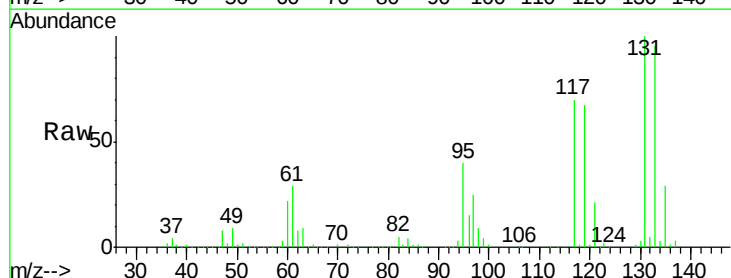
Tgt Ion:131 Resp: 98058

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.2

119 66.5 33.7 101.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

100000

80000

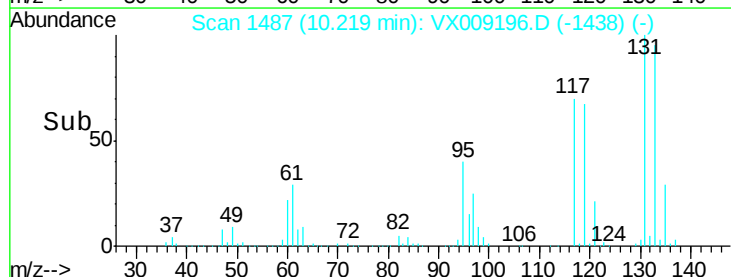
60000

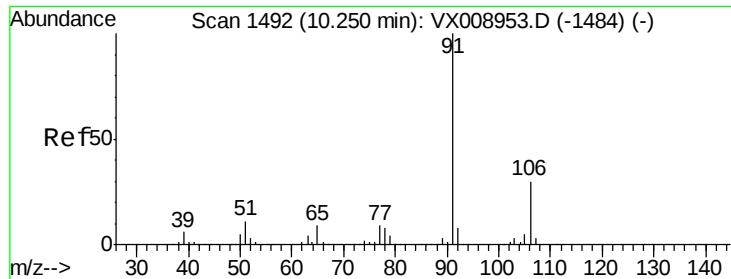
40000

20000

0

Time-->





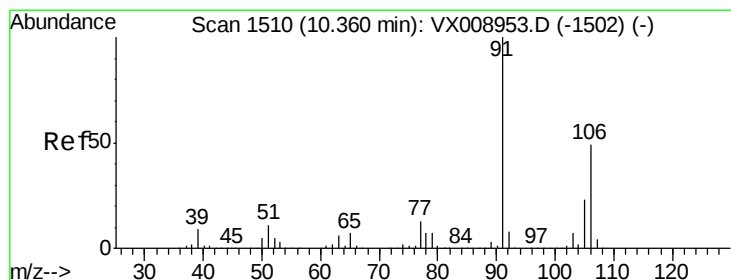
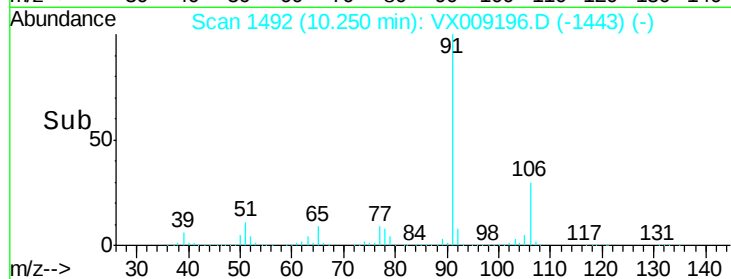
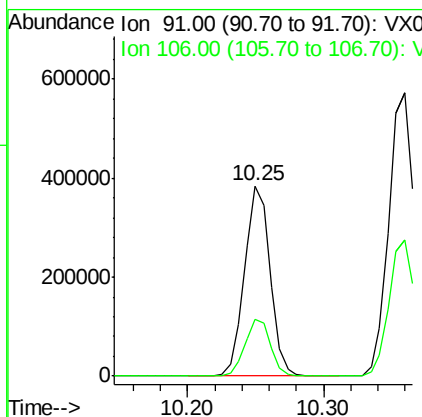
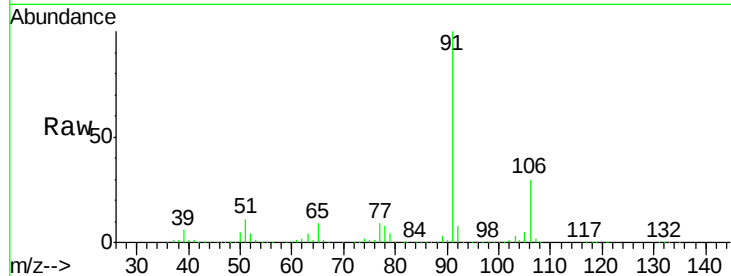
#67
Ethyl Benzene
Concen: 44.925 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 507162
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

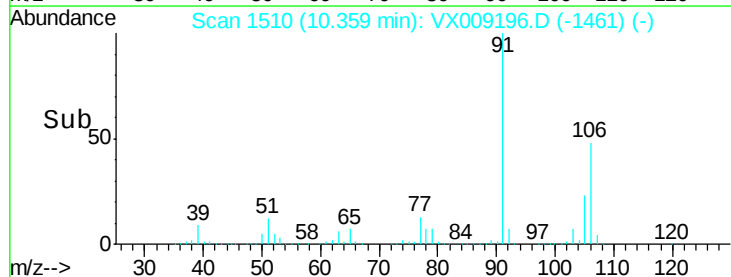
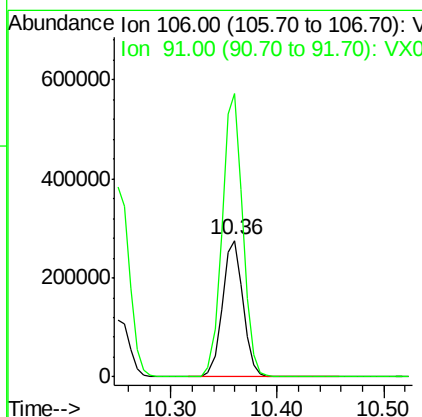
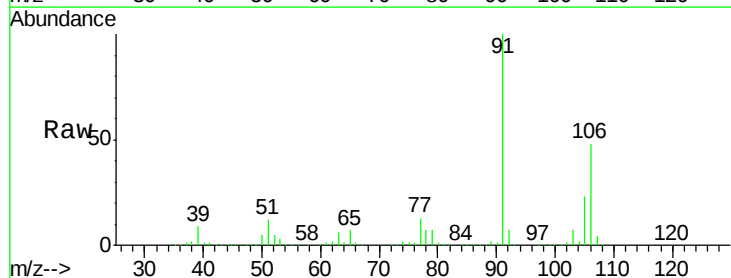
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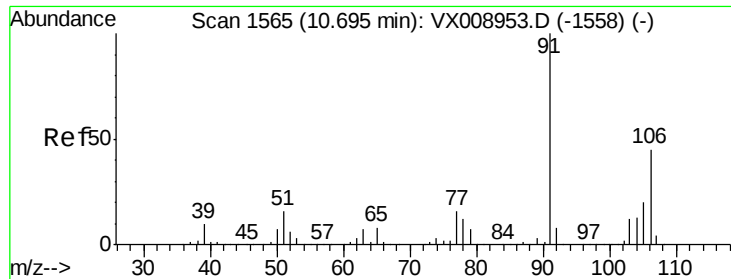
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#68
m/p-Xylenes
Concen: 90.401 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion: 106 Resp: 370893
Ion Ratio Lower Upper
106 100
91 207.9 165.4 248.2





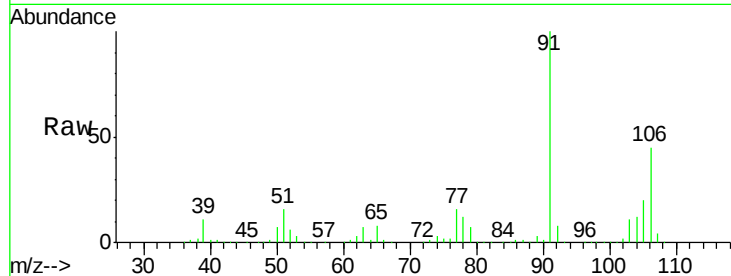
#69
o-Xylene
Concen: 45.418 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

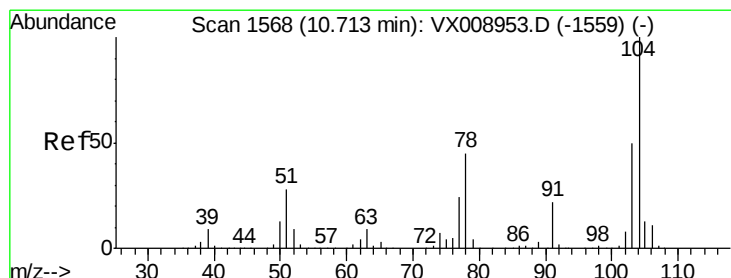
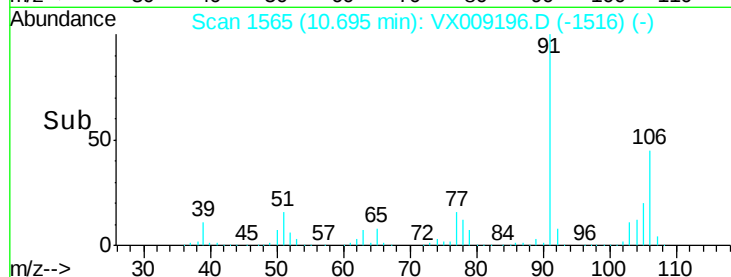
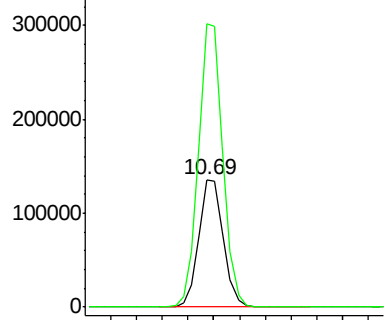
Tot Ion:106 Resp: 181311
Ion Ratio Lower Upper
106 100
91 221.4 108.9 326.7

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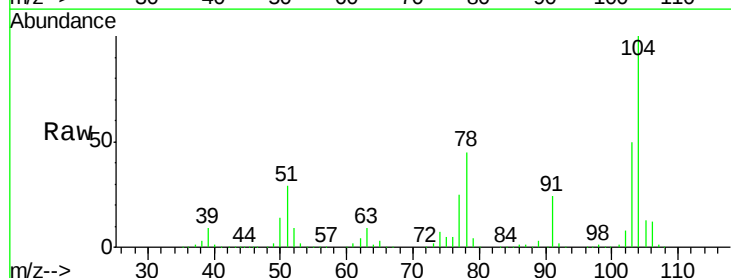


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

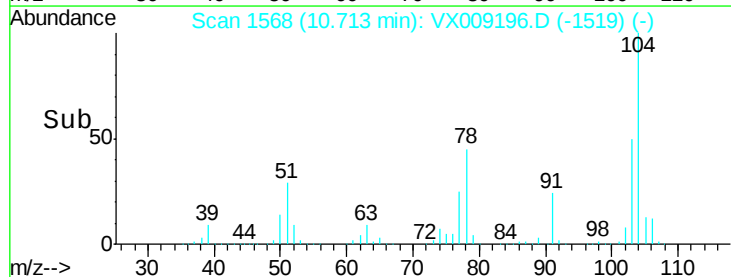
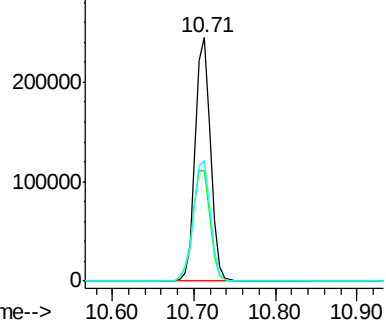


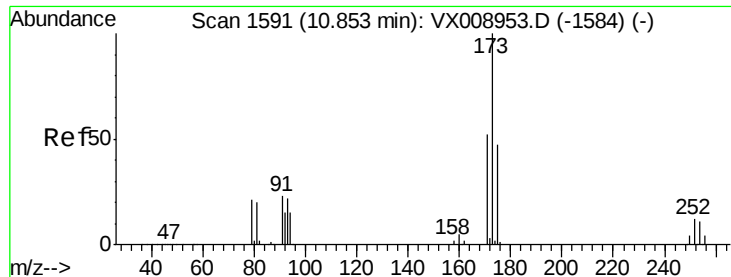
#70
Styrene
Concen: 46.171 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion:104 Resp: 319405
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 55.1 43.9 65.9



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





#71

Bromoform

Concen: 47.717 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 82705

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

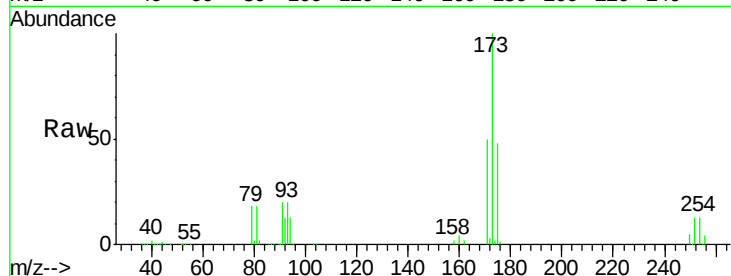
254 0.2 0.2 0.4#

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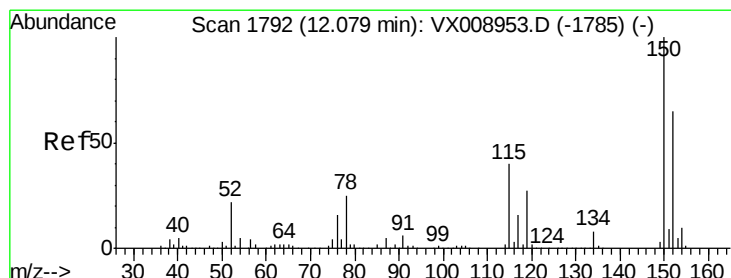
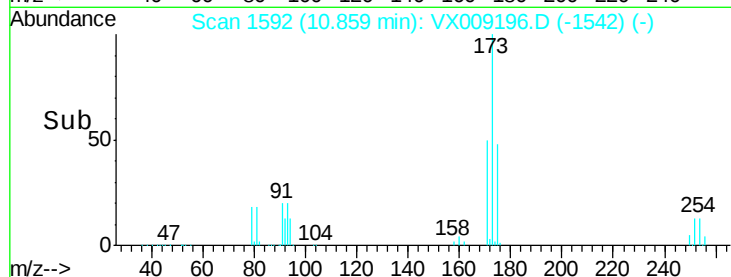
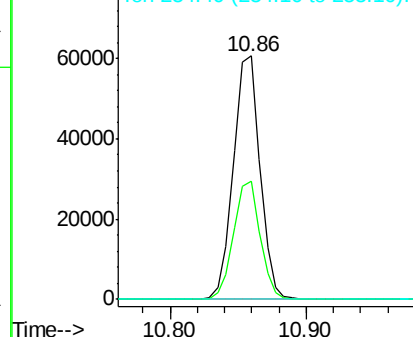
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

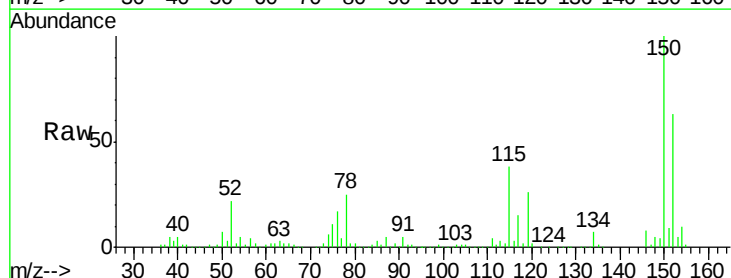
Tgt Ion:152 Resp: 142041

Ion Ratio Lower Upper

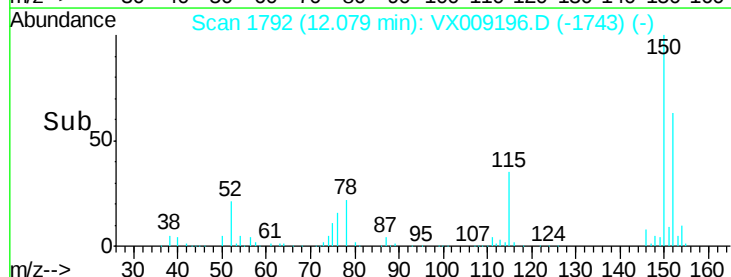
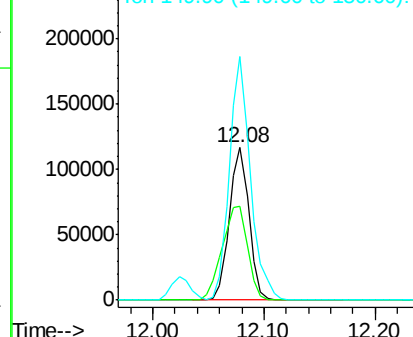
152 100

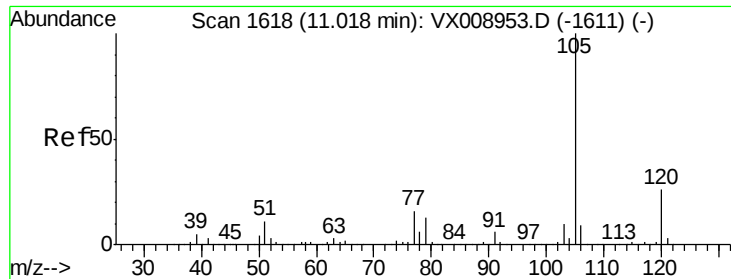
115 79.7 41.4 124.2

150 171.3 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.915 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 483583

Ion Ratio Lower Upper

105 100

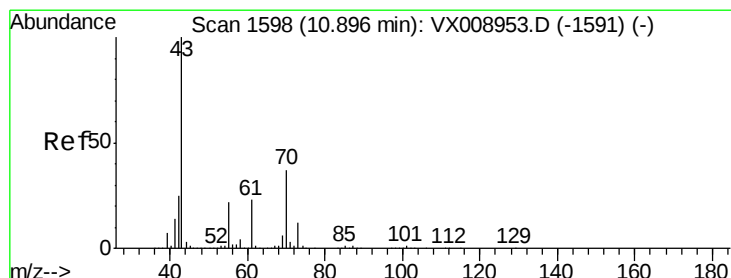
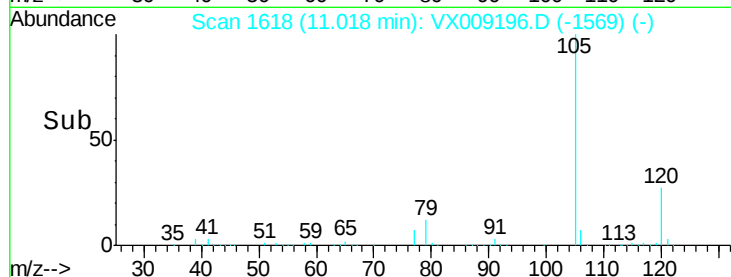
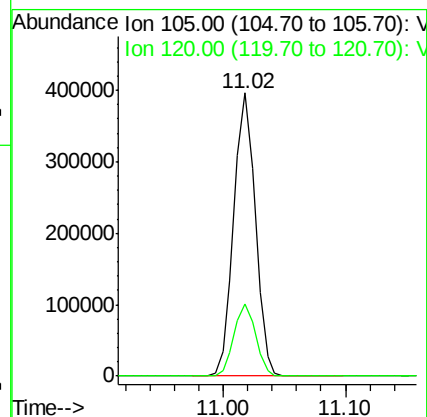
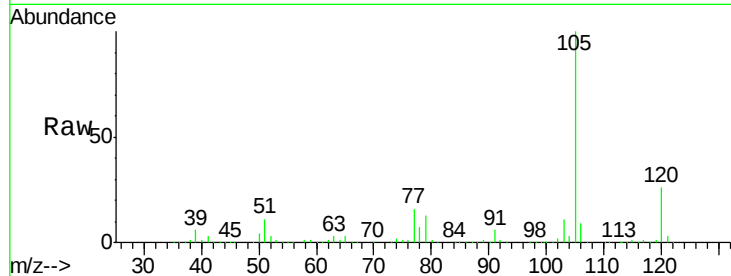
120 25.7 12.9 38.7

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#74

N-ethyl acetate

Concen: 49.157 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion: 43 Resp: 303887

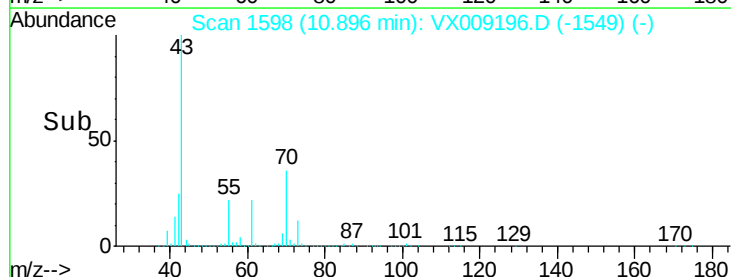
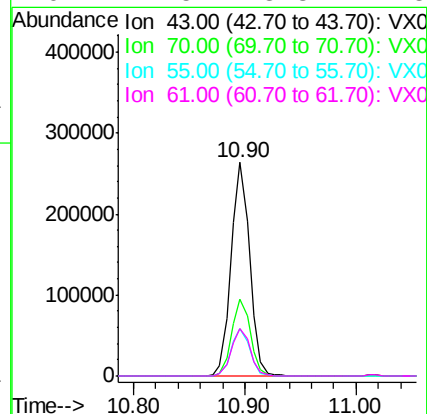
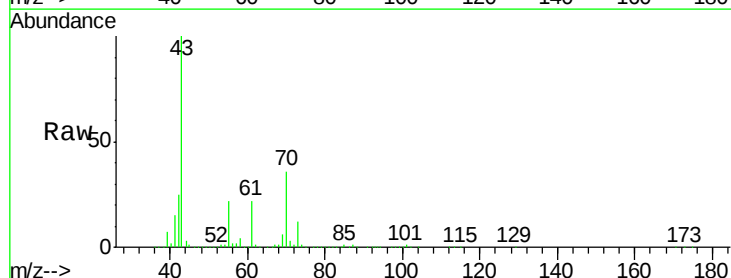
Ion Ratio Lower Upper

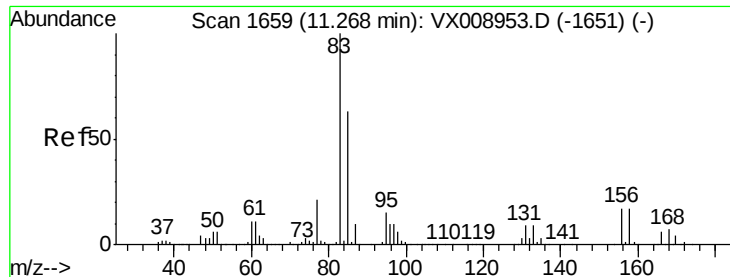
43 100

70 36.6 29.9 44.9

55 22.4 17.8 26.8

61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.842 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

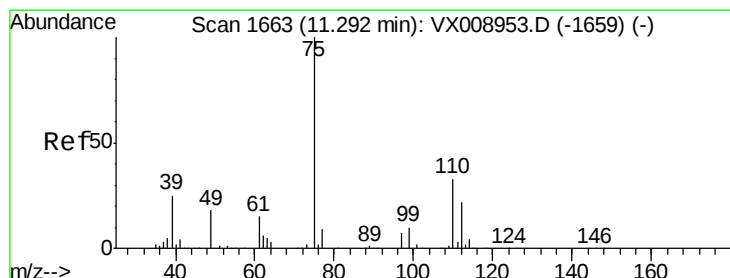
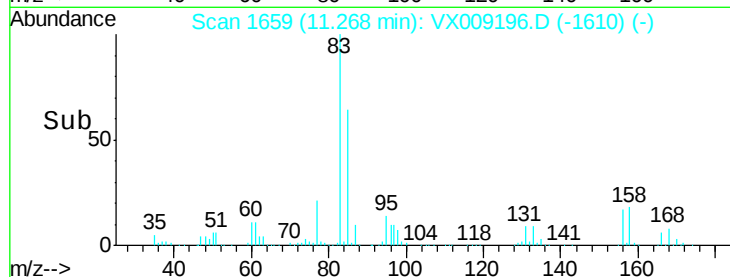
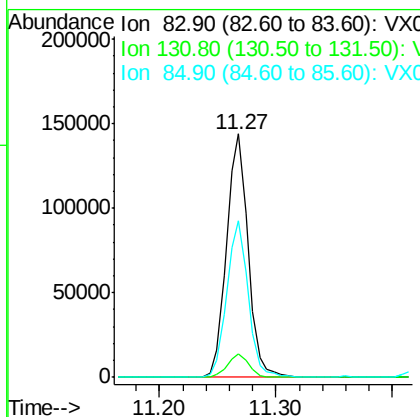
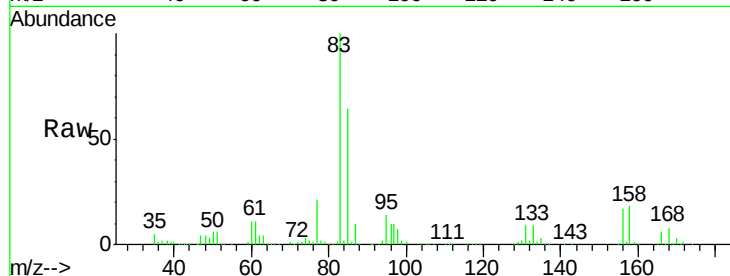
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	184269
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.7	14.0
85	64.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.534 ug/l m

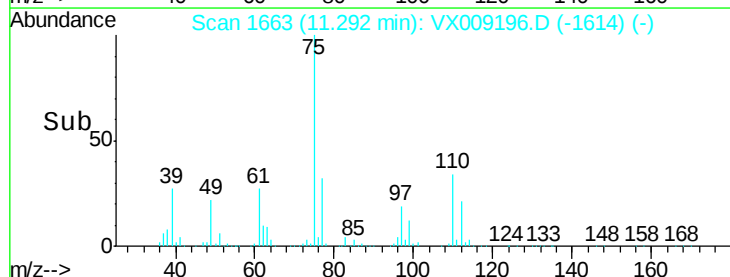
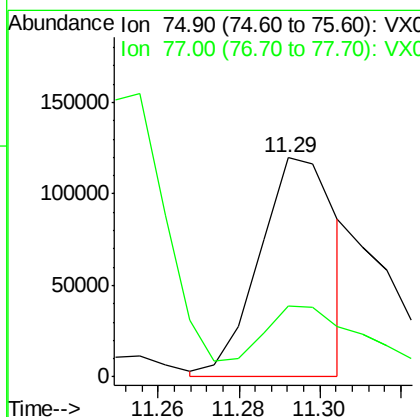
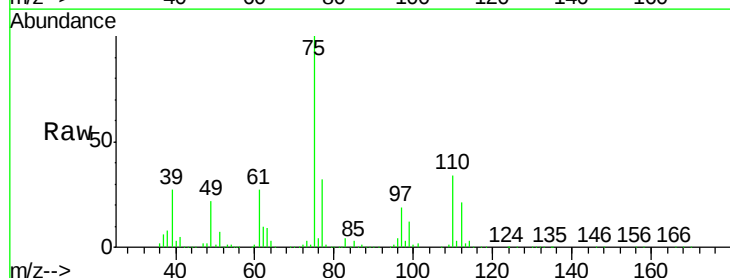
RT: 11.29 min Scan# 1663

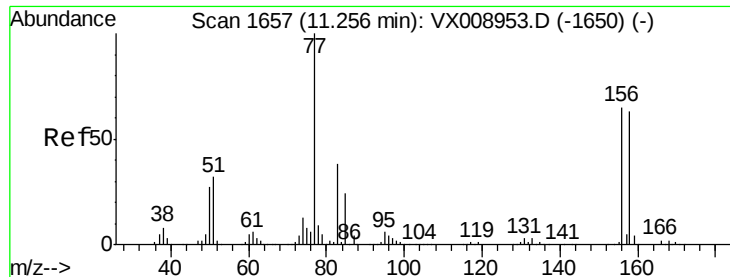
Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion:	75	Resp:	157929
Ion Ratio	Lower	Upper	
75	100		
77	44.6	22.7	68.0





#77

Bromobenzene

Concen: 43.655 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

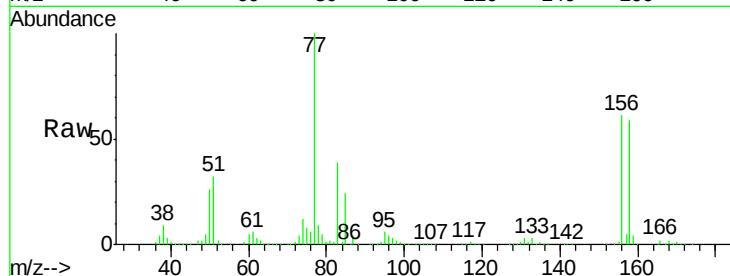
ClientSampleId :

VSTDCCC050EC

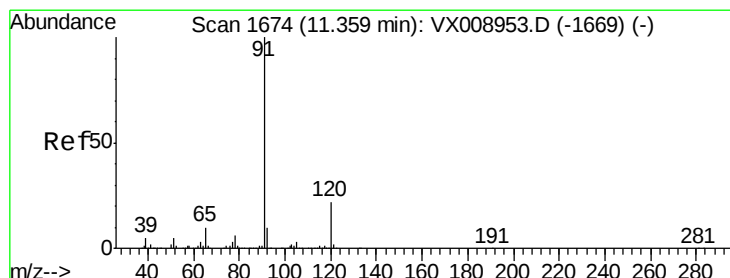
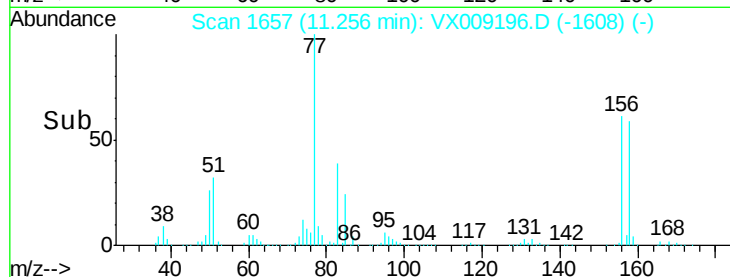
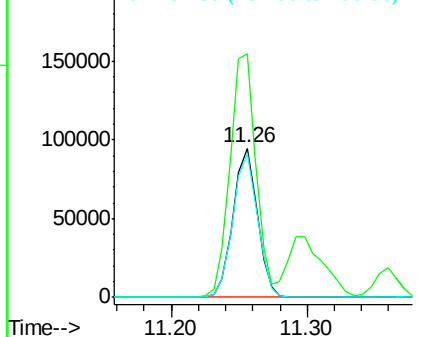
Tot Ion:	156	Resp:	118587
Ion Ratio	Lower	Upper	
156	100		
77	172.6	85.4	256.1
158	97.7	48.8	146.4

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.080 ug/l

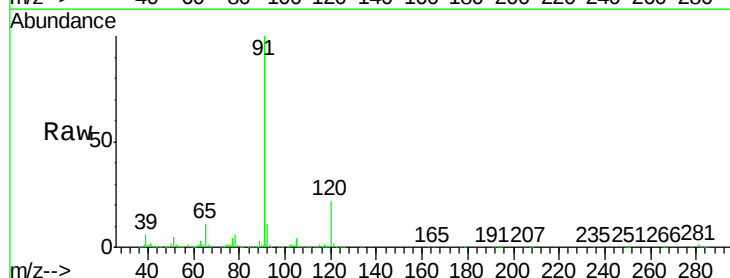
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

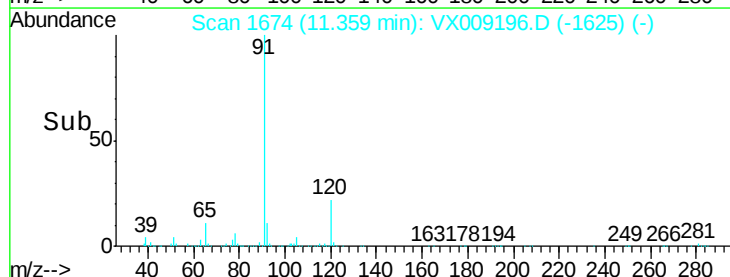
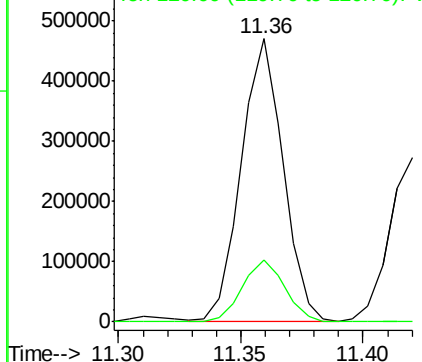
Lab File: VX009196.D

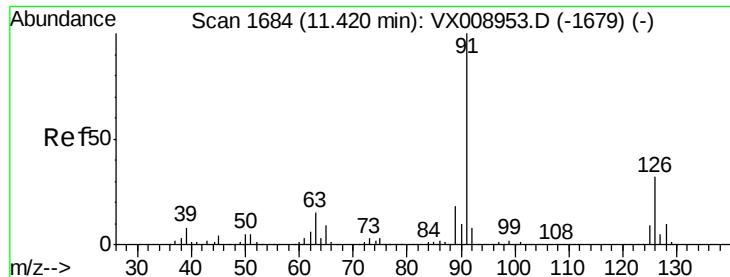
Acq: 26 Apr 2019 17:44

Tgt Ion:	91	Resp:	557075
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.9	32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.219 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 336735

Ion Ratio Lower Upper

91 100

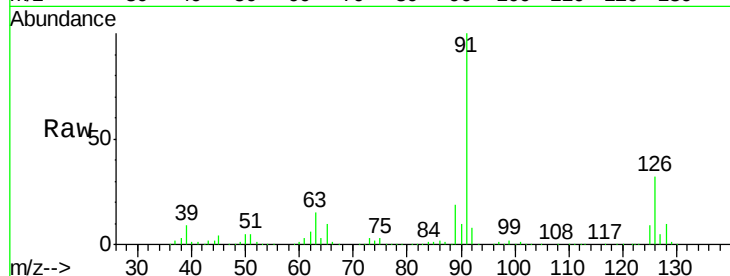
126 32.1 16.3 48.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008953.D (-1679) (-)

500000

400000

300000

200000

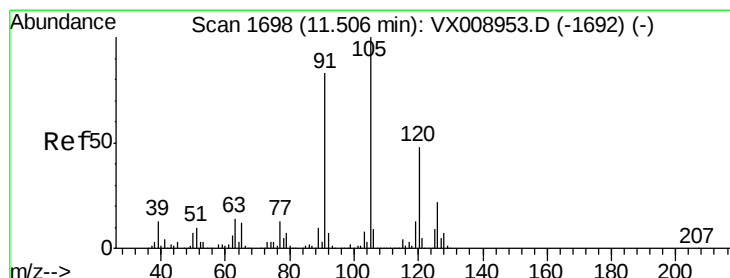
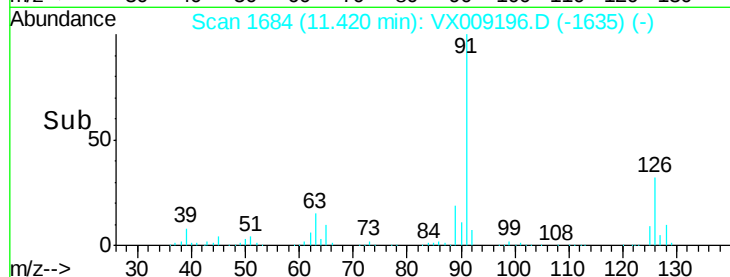
100000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 45.517 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009196.D

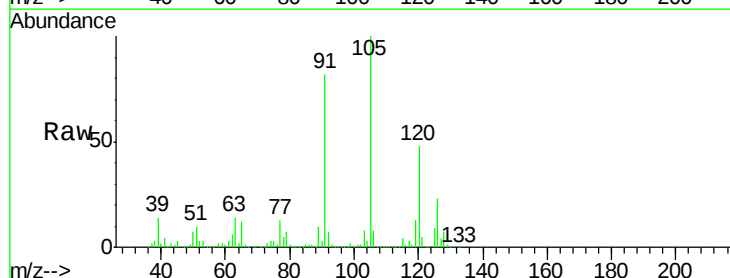
Acq: 26 Apr 2019 17:44

Tgt Ion:105 Resp: 411238

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)

400000

300000

200000

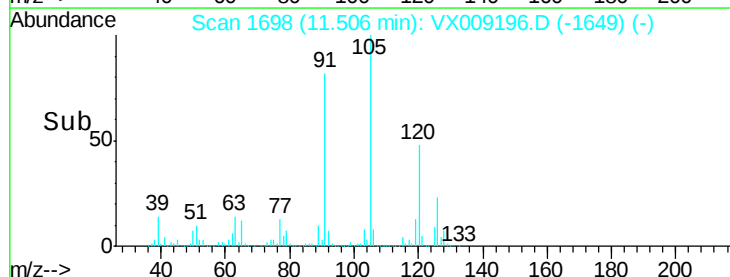
100000

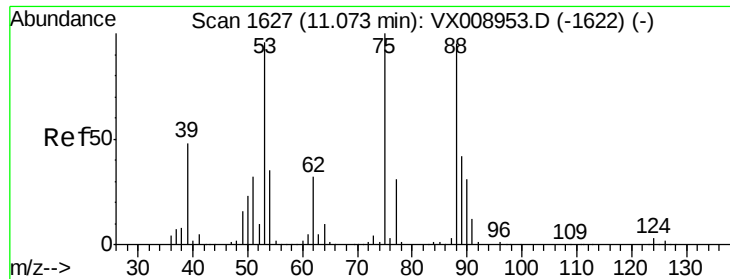
0

11.51

11.60

Time-->





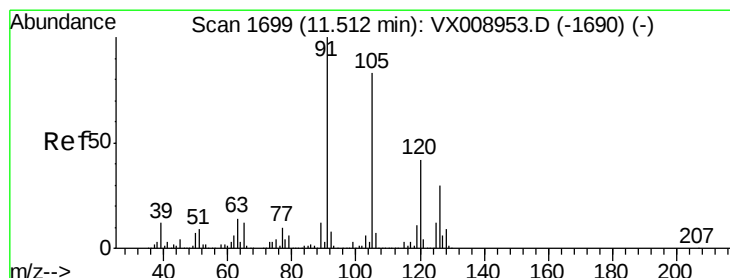
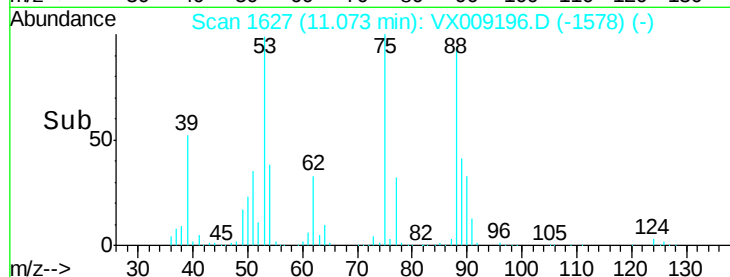
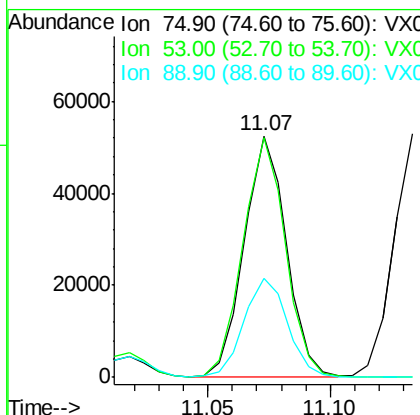
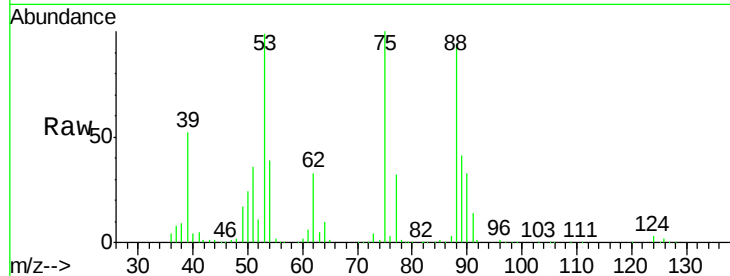
#81
trans-1,4-Dichloro-2-butene
Concen: 46.302 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.0	78.2	117.4
89	42.8	36.0	54.0

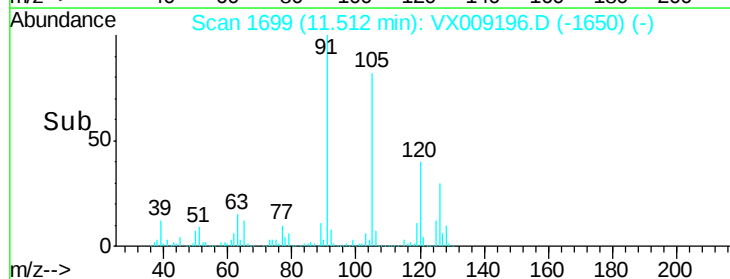
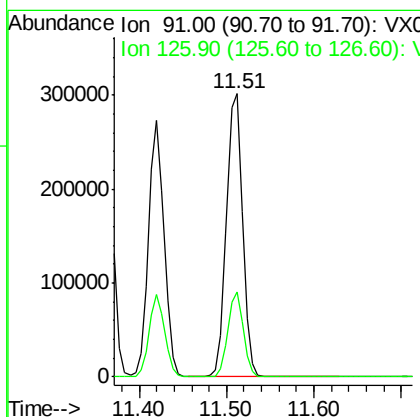
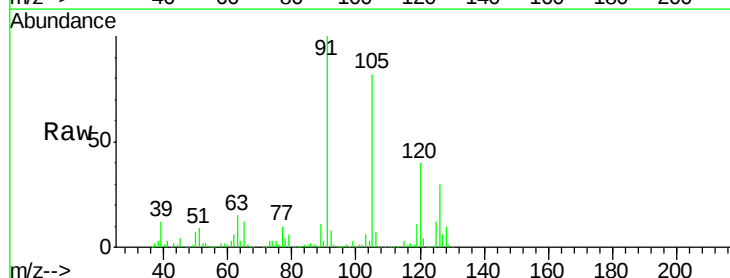
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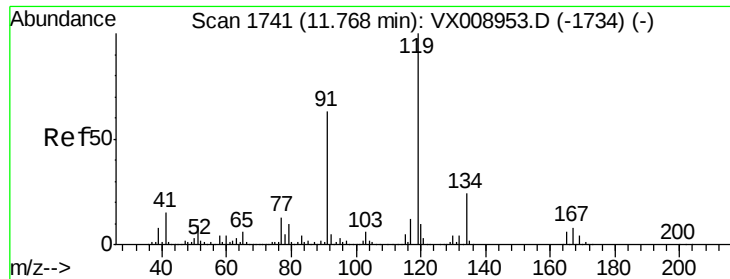
MMDadoda
4/29/2019 11:25:43 AM



#82
4-Chlorotoluene
Concen: 44.487 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.3	42.9





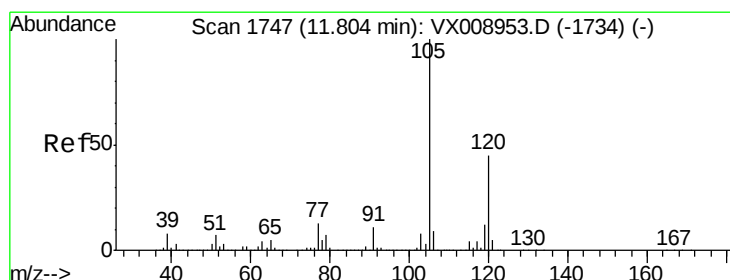
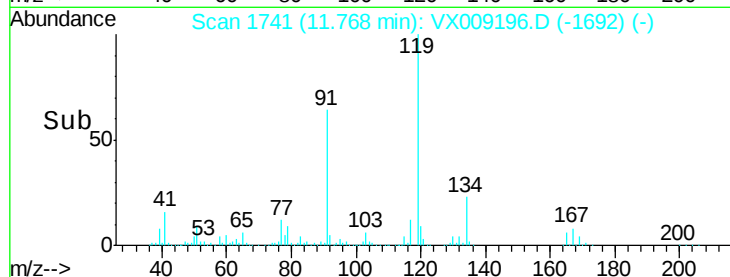
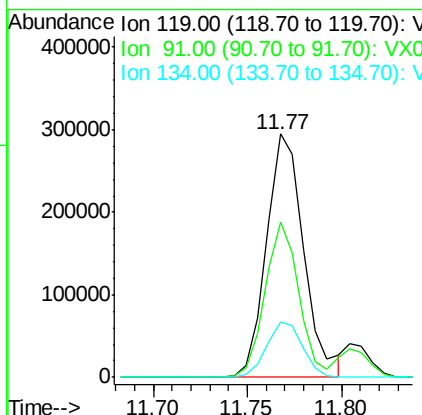
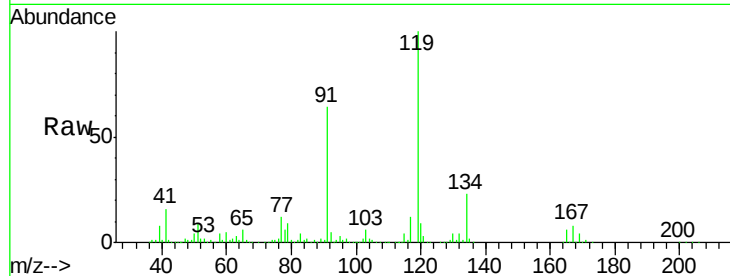
#83
 tert-Butylbenzene
 Concen: 46.646 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	404617		
91	57.6	29.7	89.1	
134	21.9	11.2	33.5	

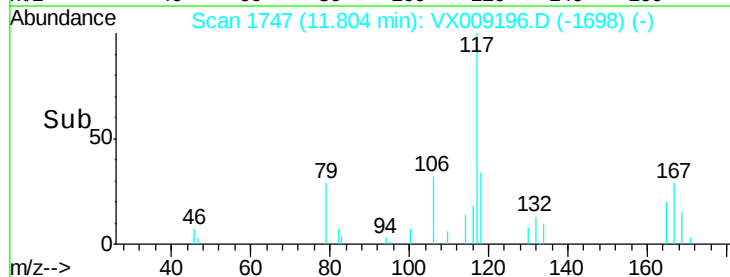
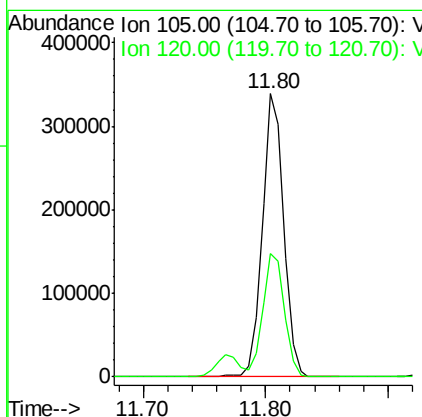
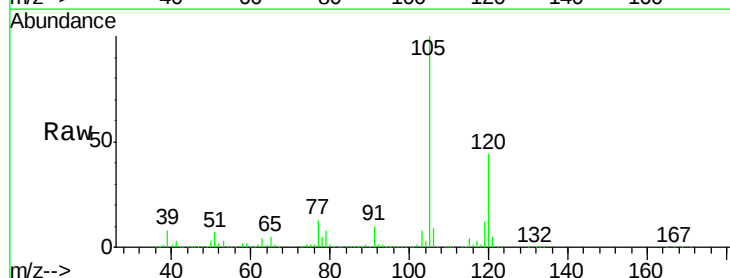
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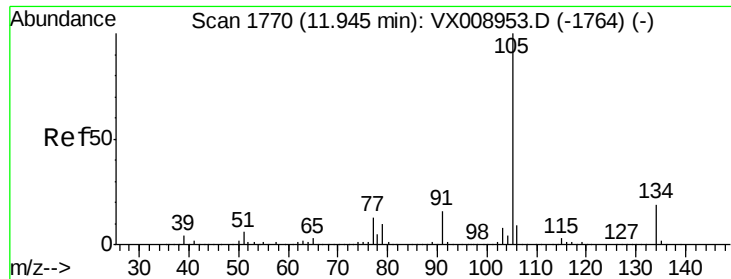
MMDadoda
 4/29/2019 11:25:43 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 44.953 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	413424		
120	43.8	21.9	65.8	





#85

sec-Butylbenzene

Concen: 45.403 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 469717

Ion Ratio Lower Upper

105 100

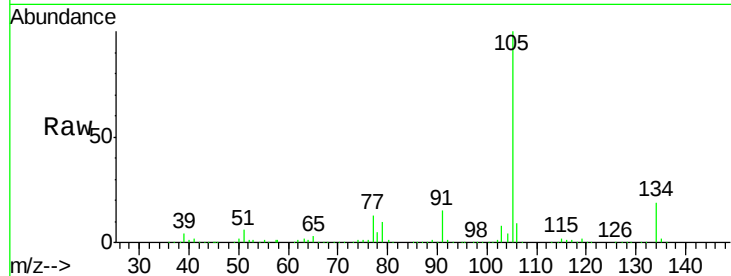
134 19.1 9.6 28.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

300000

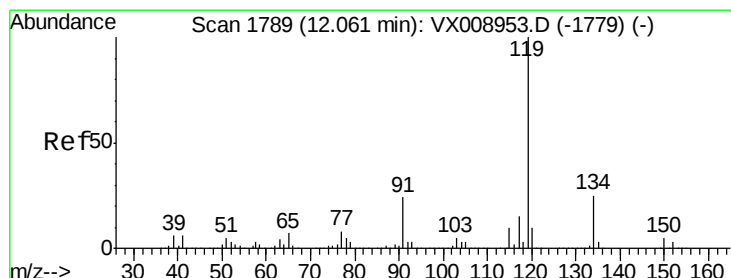
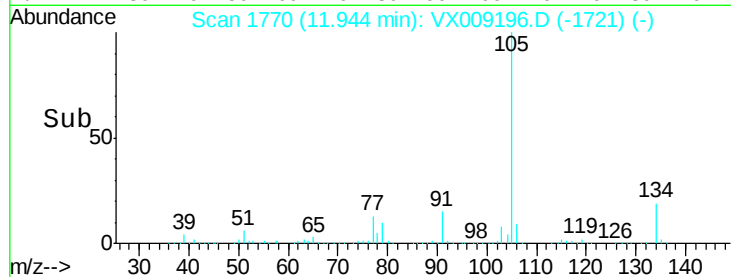
200000

100000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 44.784 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

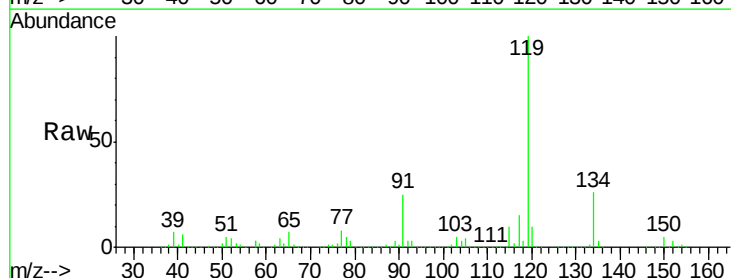
Tgt Ion:119 Resp: 425963

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

91 23.9 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

300000

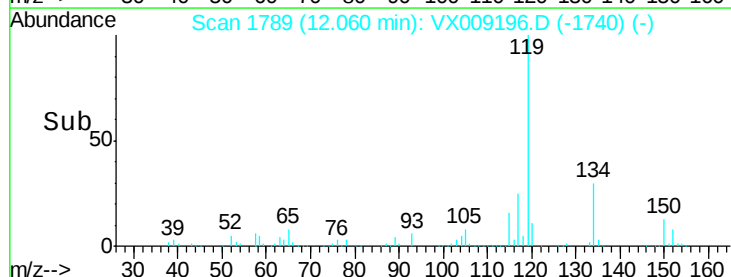
200000

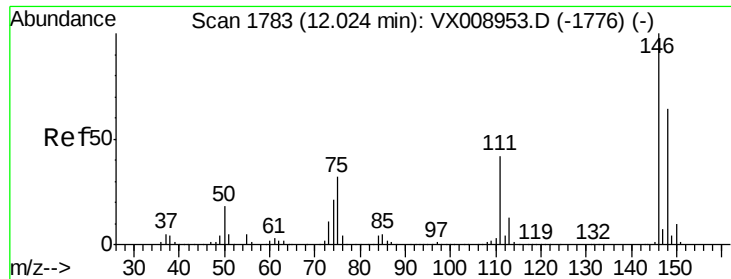
100000

0

Time-->

12.00 12.10





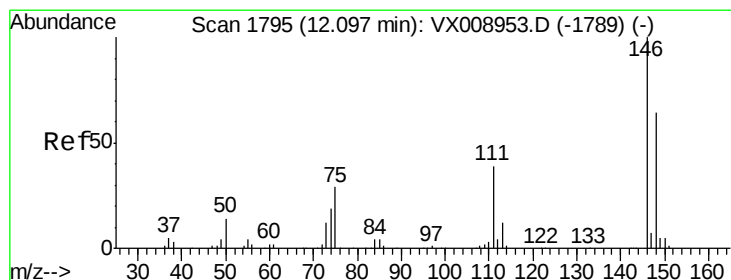
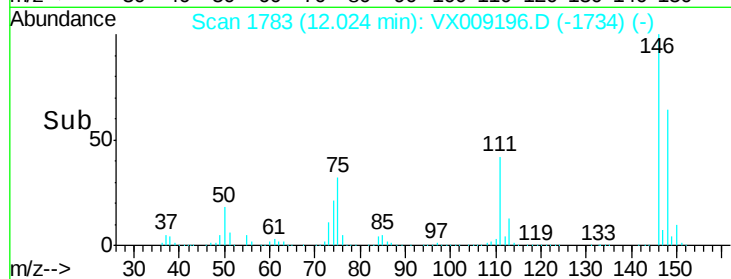
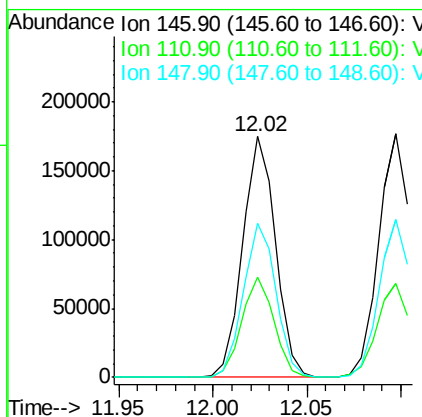
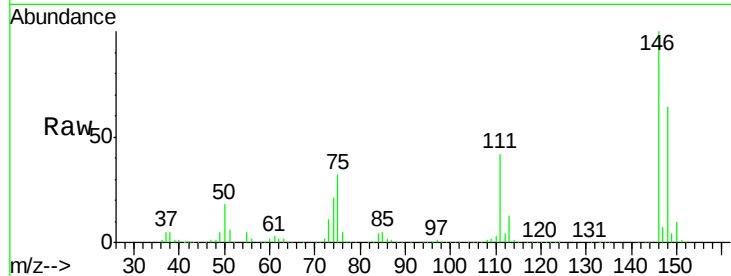
#87
 1,3-Dichlorobenzene
 Concen: 44.391 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.6
148	63.7	32.2	96.6

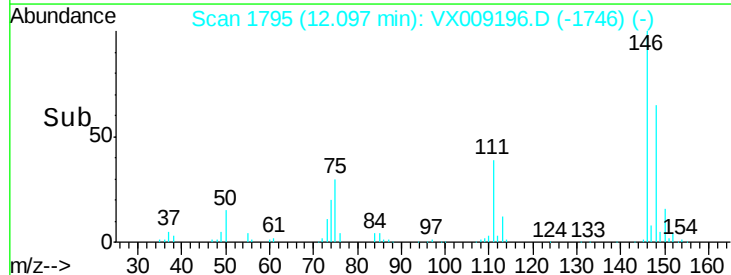
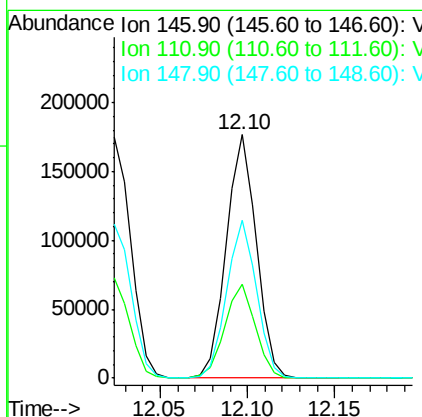
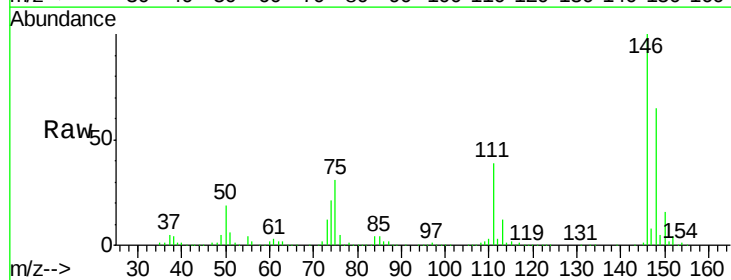
Manual Integrations
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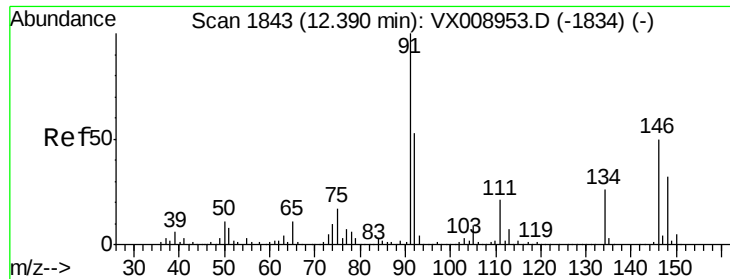
MMDadoda
 4/29/2019 11:25:43 AM



#88
 1,4-Dichlorobenzene
 Concen: 43.749 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	59.9
148	64.5	32.2	96.6





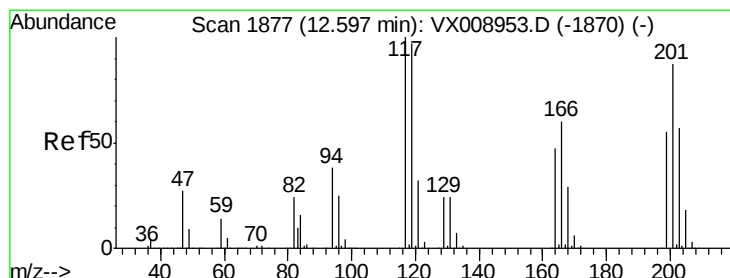
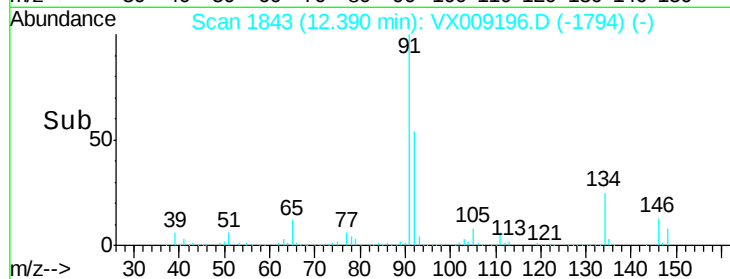
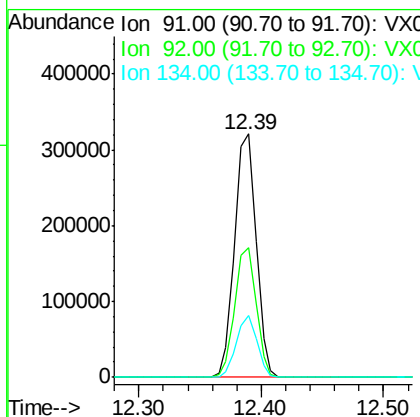
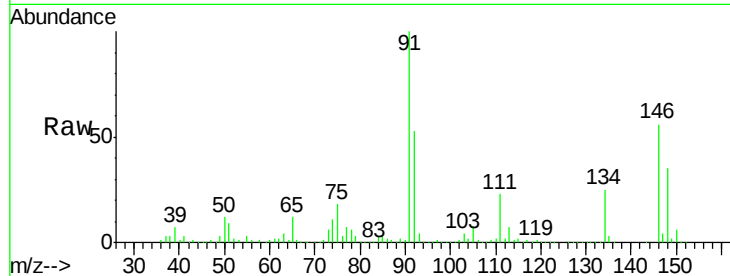
#89
n-Butylbenzene
Concen: 43.963 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.8
134	24.5	12.4	37.2

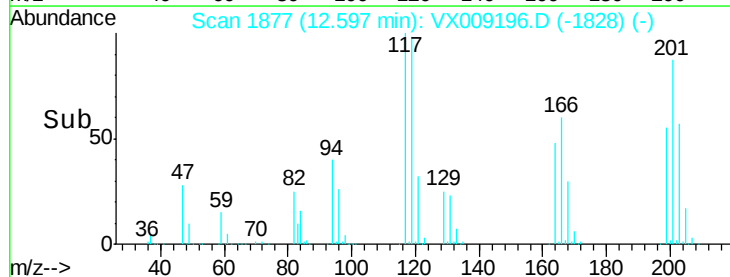
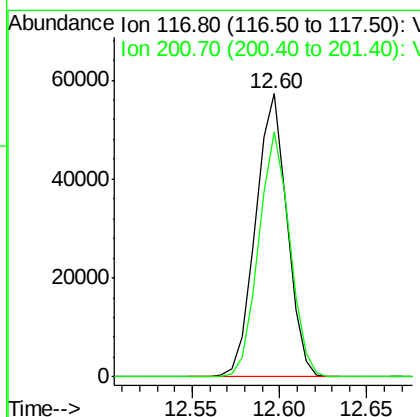
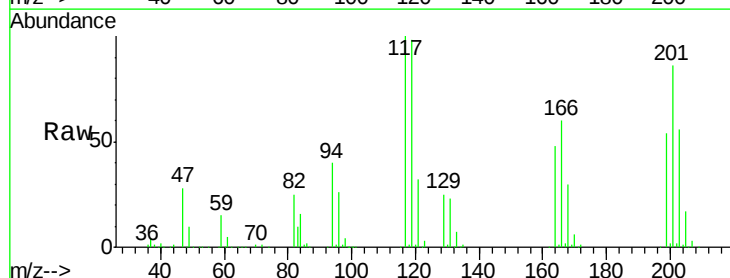
Manual Integrations
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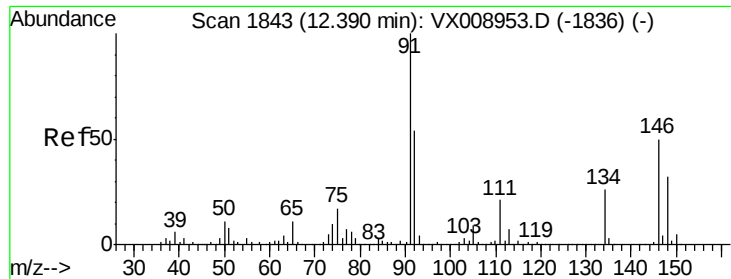
MMDadoda
4/29/2019 11:25:43 AM



#90
Hexachloroethane
Concen: 45.723 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	43.0	129.0





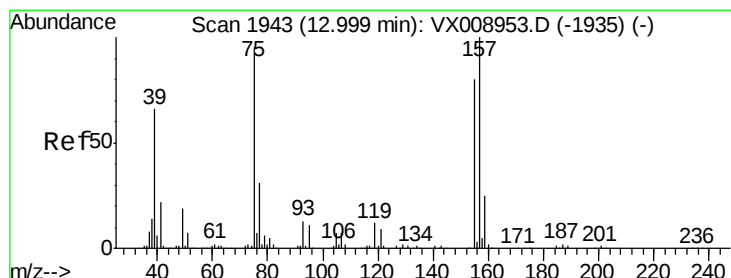
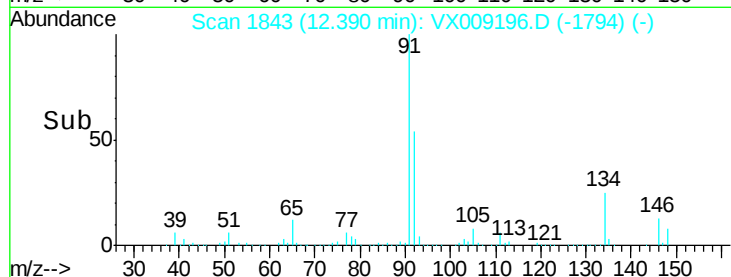
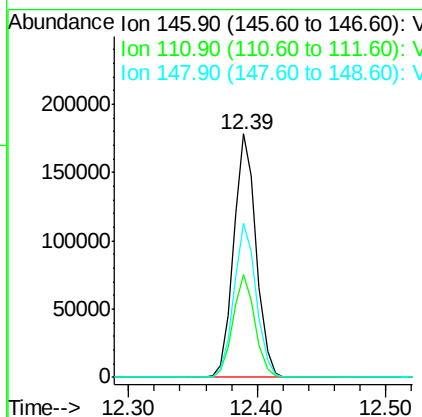
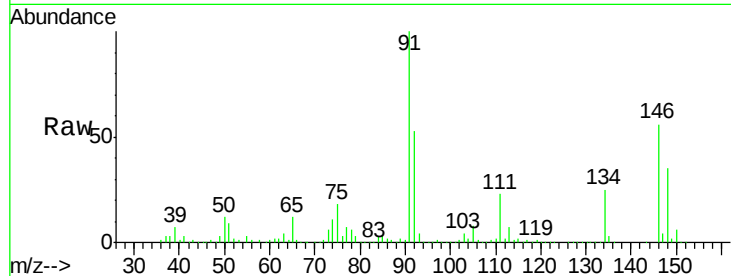
#91
 1,2-Dichlorobenzene
 Concen: 46.052 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.9
148	63.1	32.0	96.2

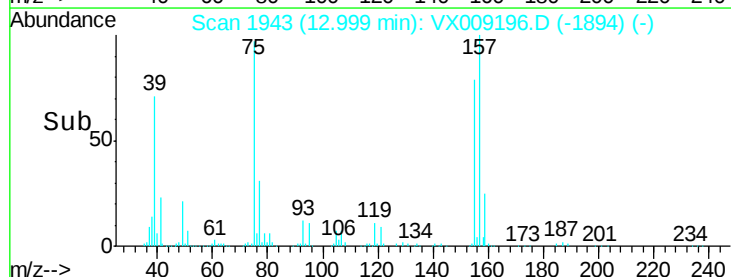
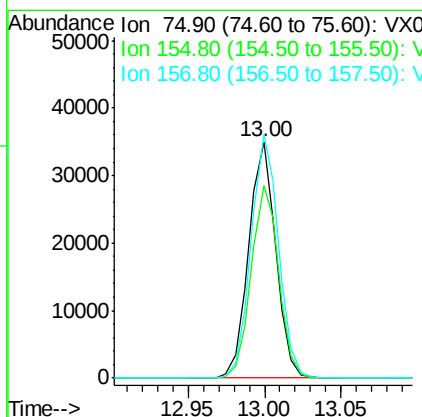
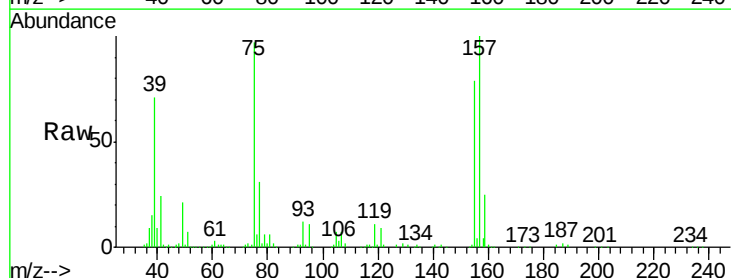
Manual Integrations
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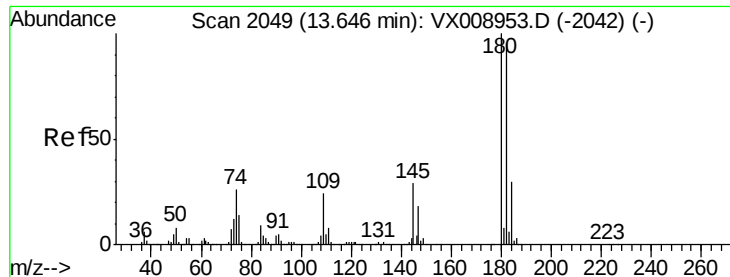
MMDadoda
 4/29/2019 11:25:43 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.961 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009196.D
 Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	41.2	123.6
157	104.8	52.5	157.6





#93

1,2,4-Trichlorobenzene

Concen: 43.775 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Instrument :

MSVOA_X

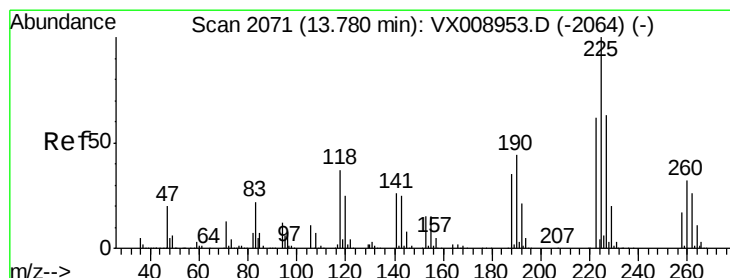
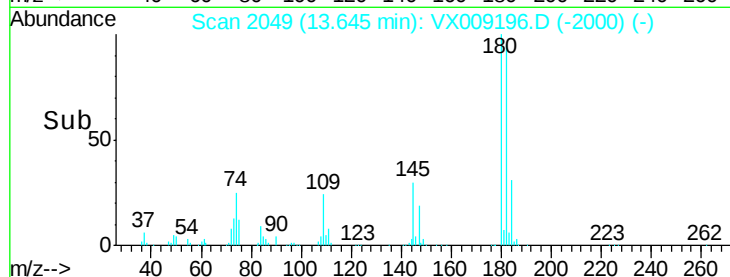
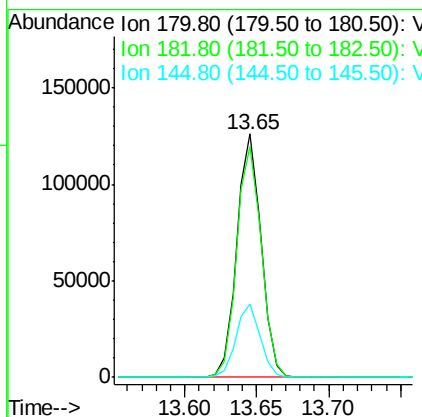
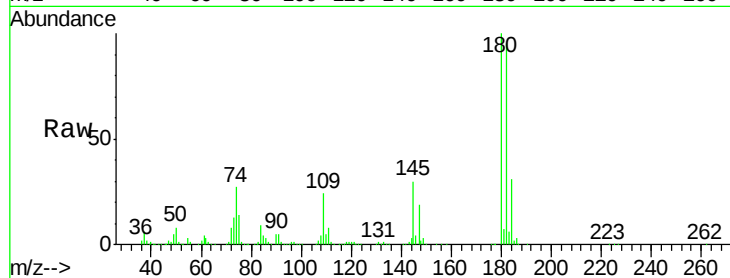
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	148355
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.6	142.9
145	30.0	14.8	44.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 43.566 ug/l

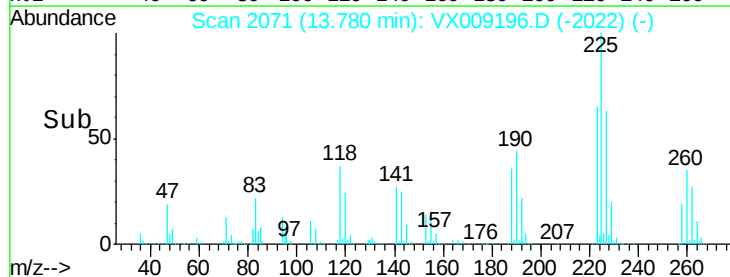
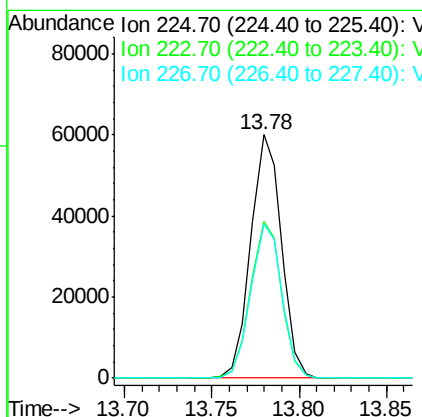
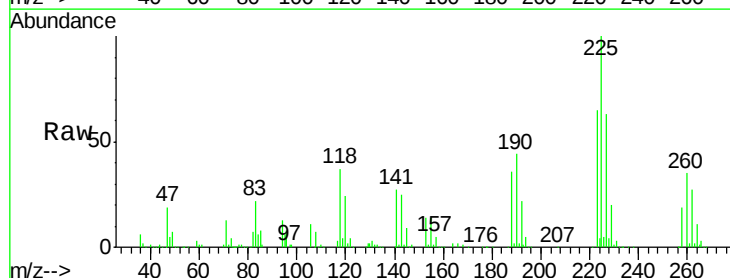
RT: 13.78 min Scan# 2071

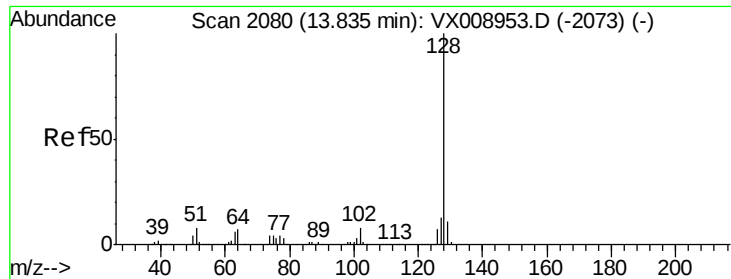
Delta R.T. -0.00 min

Lab File: VX009196.D

Acq: 26 Apr 2019 17:44

Tgt Ion:	225	Resp:	73639
Ion Ratio	Lower	Upper	
225	100		
223	64.8	31.1	93.2
227	64.0	32.0	96.2





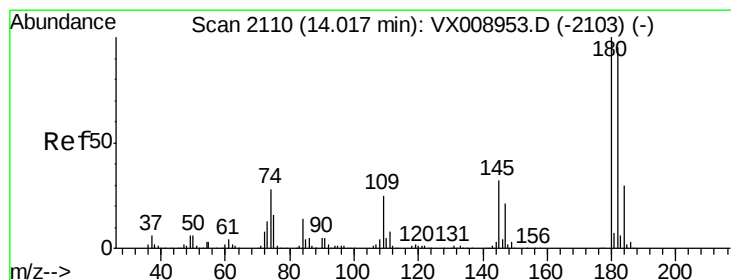
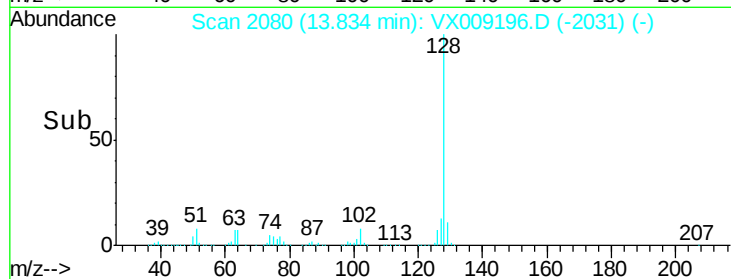
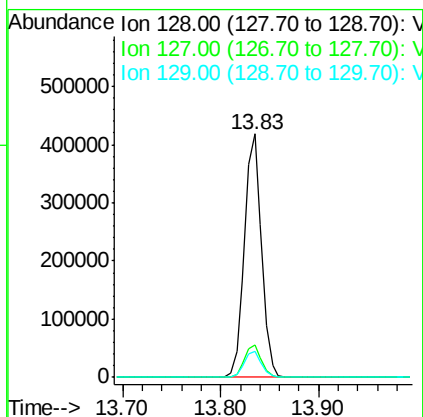
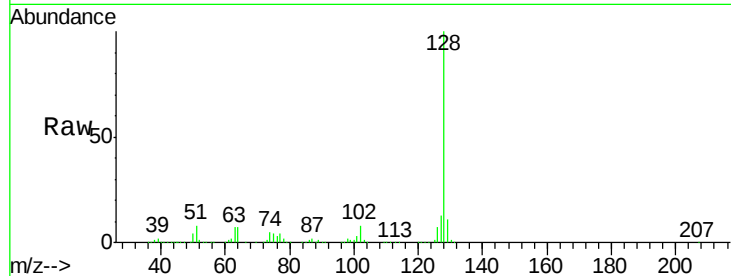
#95
Naphthalene
Concen: 46.625 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.231 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009196.D
Acq: 26 Apr 2019 17:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	31.2	15.8	47.3

