

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011499.D
 Acq On : 12 Aug 2019 21:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 9:12:36 AM

Quant Time: Aug 13 09:00:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	217576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113680	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	91242	58.74	ug/l	0.00
Spiked Amount						
			Recovery	=	117.48%	
35) Dibromofluoromethane	5.49	113	79545	52.66	ug/l	0.00
Spiked Amount						
			Recovery	=	105.32%	
50) Toluene-d8	8.71	98	295668	51.86	ug/l	0.00
Spiked Amount						
			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	109148	53.62	ug/l	0.00
Spiked Amount						
			Recovery	=	107.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	53784	45.147	ug/l	99
3) Chloromethane	1.32	50	59899	44.774	ug/l	98
4) Vinyl Chloride	1.40	62	65473	44.492	ug/l	98
5) Bromomethane	1.63	94	51373	48.949	ug/l	96
6) Chloroethane	1.71	64	44671	48.979	ug/l	100
7) Trichlorofluoromethane	1.92	101	122649	46.875	ug/l	98
8) Diethyl Ether	2.18	74	43478	46.535	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69010	48.744	ug/l	98
10) Methyl Iodide	2.50	142	85471	47.885	ug/l	97
11) Tert butyl alcohol	3.04	59	87133	281.298	ug/l	99
12) 1,1-Dichloroethene	2.37	96	67978	48.438	ug/l	95
13) Acrolein	2.29	56	41801	217.096	ug/l	98
14) Allyl chloride	2.72	41	104987	56.115	ug/l	96
15) Acrylonitrile	3.14	53	208129	281.572	ug/l	99
16) Acetone	2.44	43	181292	245.200	ug/l	95
17) Carbon Disulfide	2.56	76	148340	45.043	ug/l	100
18) Methyl Acetate	2.76	43	101762	60.227	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	237805	57.500	ug/l	99
20) Methylene Chloride	2.85	84	81364	50.248	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	75120	50.601	ug/l	96
22) Diisopropyl ether	3.85	45	230605	56.081	ug/l	98
23) Vinyl Acetate	3.81	43	1001025	293.513	ug/l	99
24) 1,1-Dichloroethane	3.69	63	133001	54.853	ug/l	99
25) 2-Butanone	4.66	43	291795	277.439	ug/l	94
26) 2,2-Dichloropropane	4.57	77	94137	49.945	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	89328	52.240	ug/l	96
28) Bromochloromethane	5.01	49	60685	54.900	ug/l	97
29) Tetrahydrofuran	5.12	42	185571	287.762	ug/l	98
30) Chloroform	5.20	83	147323	55.904	ug/l	96
31) Cyclohexane	5.57	56	100220	50.100	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	131139	58.091	ug/l	99
36) 1,1-Dichloropropene	5.79	75	101635	50.315	ug/l	98
37) Ethyl Acetate	4.82	43	110431	54.502	ug/l	98
38) Carbon Tetrachloride	5.78	117	114164	56.177	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107201	44.773	ug/l	99
40) Benzene	6.13	78	310100	51.445	ug/l	97
41) Methacrylonitrile	5.03	41	62172	56.185	ug/l	96
42) 1,2-Dichloroethane	6.19	62	117649	57.720	ug/l	97
43) Isopropyl Acetate	6.44	43	178750	55.180	ug/l	99
44) Trichloroethene	7.21	130	89891	49.268	ug/l	97
45) 1,2-Dichloropropane	7.51	63	80476	51.552	ug/l	95
46) Dibromomethane	7.66	93	59665	52.355	ug/l	97
47) Bromodichloromethane	7.90	83	109904	56.961	ug/l	98
48) Methyl methacrylate	7.76	41	88581	58.105	ug/l	97
49) 1,4-Dioxane	7.74	88	44012	995.821	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	598516	286.291	ug/l	99
52) Toluene	8.78	92	206162	51.730	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	115568	51.350	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	125990	55.900	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90256	55.081	ug/l	98
56) Ethyl methacrylate	9.18	69	132341	56.674	ug/l	98
57) 1,3-Dichloropropane	9.37	76	141486	54.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	301251	262.379	ug/l	99
59) 2-Hexanone	9.49	43	455188	281.103	ug/l	98
60) Dibromochloromethane	9.58	129	97014	57.828	ug/l	98
61) 1,2-Dibromoethane	9.67	107	96642	54.589	ug/l	98
64) Tetrachloroethene	9.34	164	89496	48.435	ug/l	97
65) Chlorobenzene	10.13	112	234966	50.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89884	56.279	ug/l	99
67) Ethyl Benzene	10.25	91	405771	51.936	ug/l	98
68) m/p-Xylenes	10.35	106	311111	102.948	ug/l	97
69) o-Xylene	10.69	106	151897	51.157	ug/l	98
70) Styrene	10.71	104	264176	53.770	ug/l	98
71) Bromoform	10.85	173	70921	49.682	ug/l #	98
73) Isopropylbenzene	11.02	105	417079	53.644	ug/l	100
74) N-amyl acetate	10.90	43	161323	57.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	137256	52.974	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	117408m	56.712	ug/l	
77) Bromobenzene	11.25	156	111552	51.742	ug/l	96
78) n-propylbenzene	11.36	91	460377	53.246	ug/l	98
79) 2-Chlorotoluene	11.42	91	272577	52.893	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	346180	53.190	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37121	48.072	ug/l	97
82) 4-Chlorotoluene	11.51	91	319493	53.197	ug/l	97
83) tert-Butylbenzene	11.77	119	341584	53.512	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	349226	53.893	ug/l	99
85) sec-Butylbenzene	11.94	105	397873	51.879	ug/l	99
86) p-Isopropyltoluene	12.06	119	370044	52.448	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	197276	51.787	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	196644	50.061	ug/l	98
89) n-Butylbenzene	12.38	91	309313	50.886	ug/l	99
90) Hexachloroethane	12.59	117	59461	57.004	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	194720	50.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28841	57.454	ug/l	93

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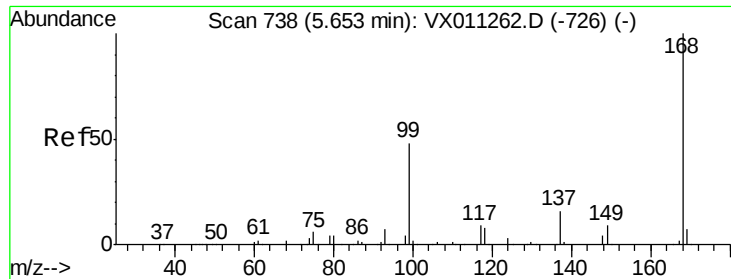
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128743	50.719	ug/l	99
94) Hexachlorobutadiene	13.78	225	63240	49.105	ug/l	99
95) Naphthalene	13.83	128	409165	55.121	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	130856	50.708	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 154247

Ion Ratio Lower Upper

168 100

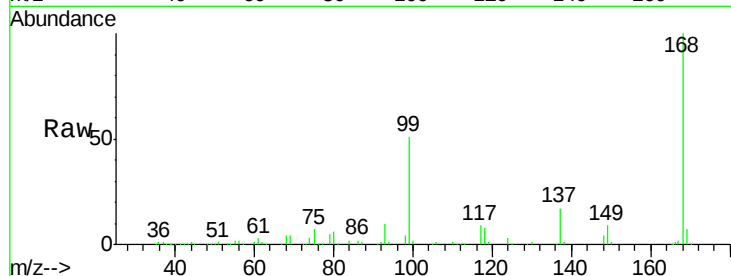
99 51.4 38.5 57.7

Manual Integrations

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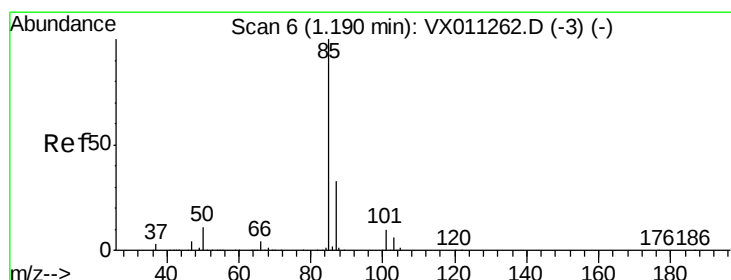
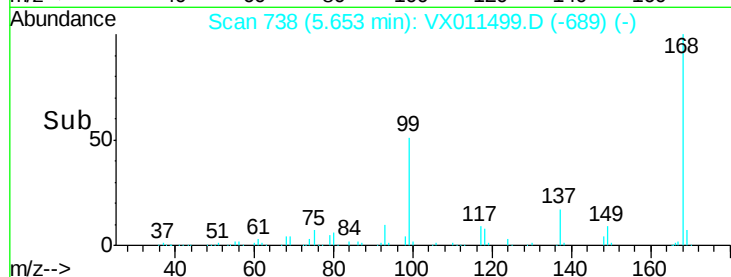
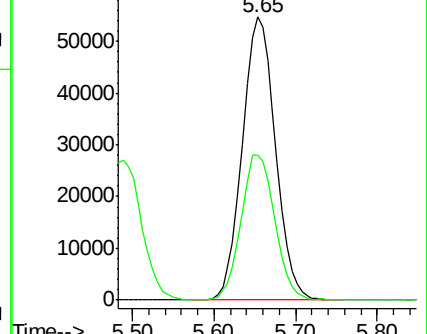
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.147 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011499.D

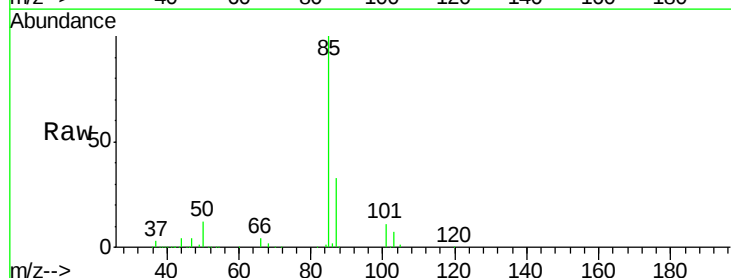
Acq: 12 Aug 2019 21:43

Tgt Ion: 85 Resp: 53784

Ion Ratio Lower Upper

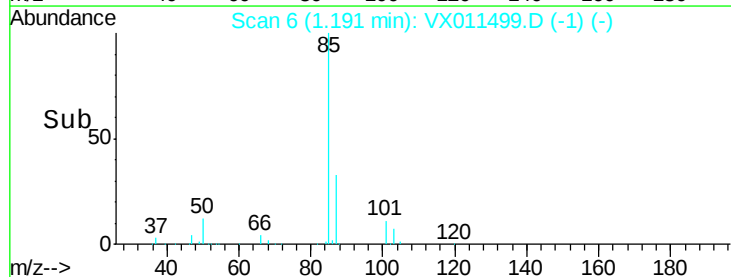
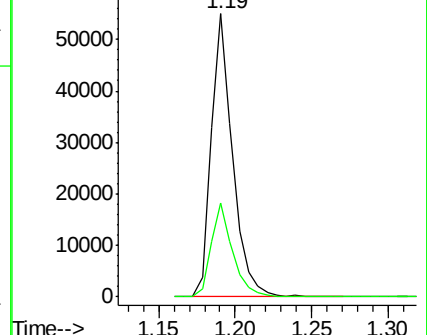
85 100

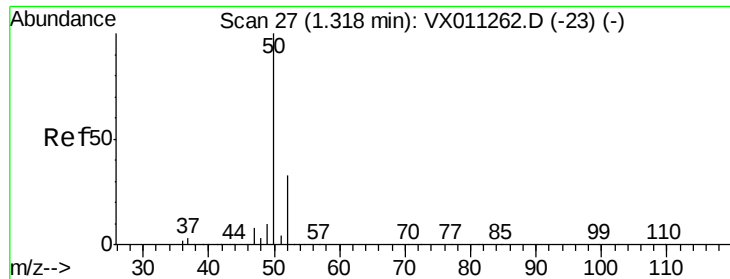
87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.774 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 59899

Ion Ratio Lower Upper

50 100

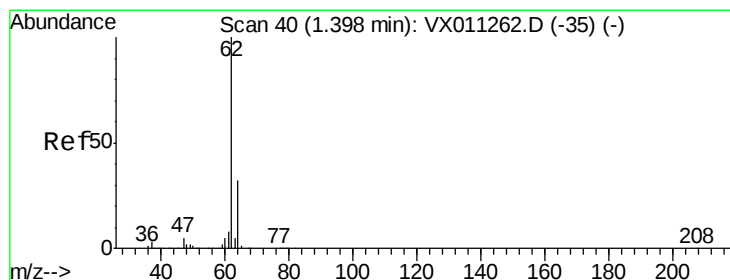
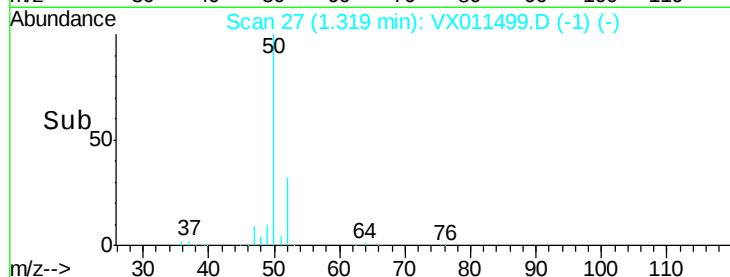
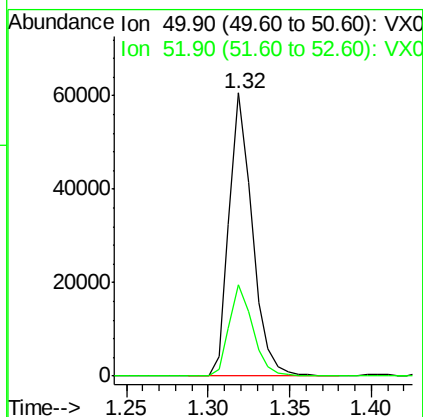
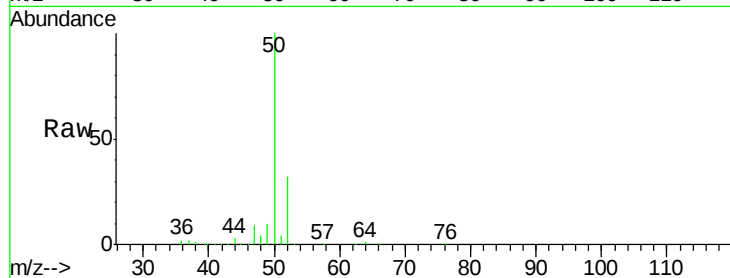
52 32.1 26.4 39.6

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#4

Vinyl Chloride

Concen: 44.492 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011499.D

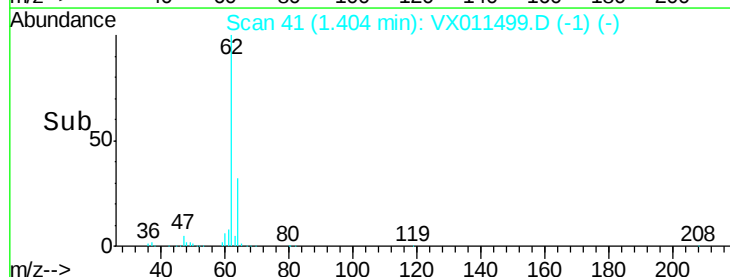
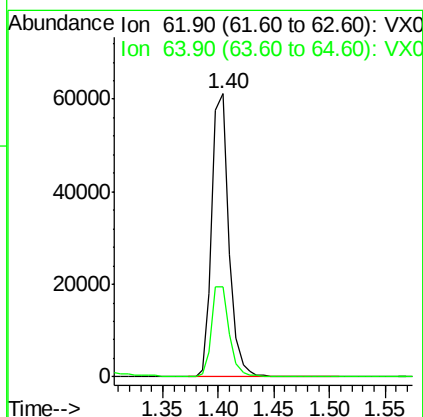
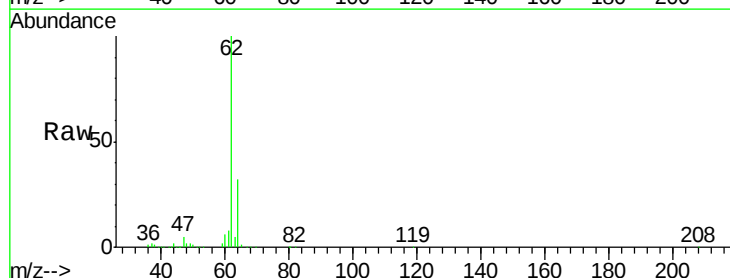
Acq: 12 Aug 2019 21:43

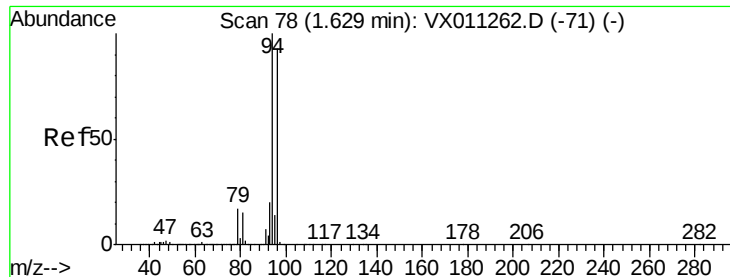
Tgt Ion: 62 Resp: 65473

Ion Ratio Lower Upper

62 100

64 31.6 26.0 39.0





#5

Bromomethane

Concen: 48.949 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 51373

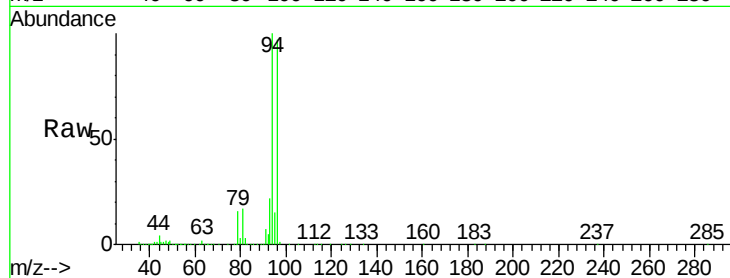
Ion Ratio Lower Upper

94 100

96 97.1 74.6 112.0

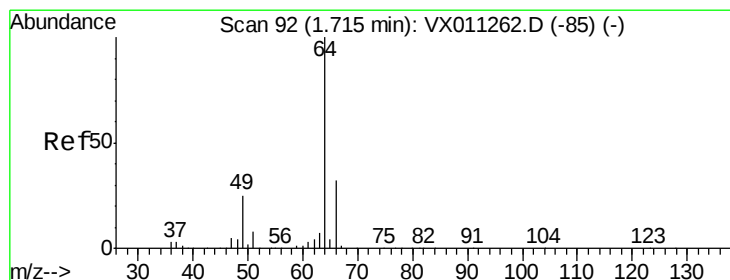
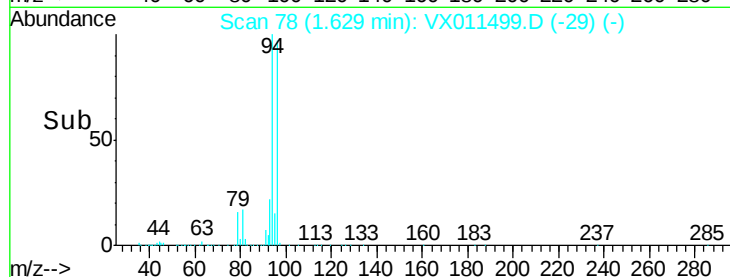
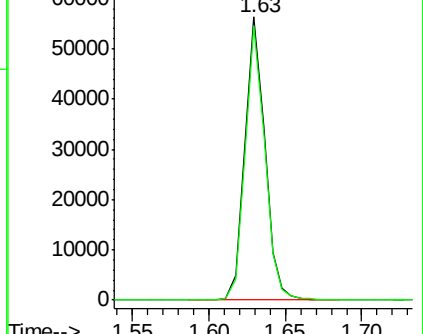
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.979 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011499.D

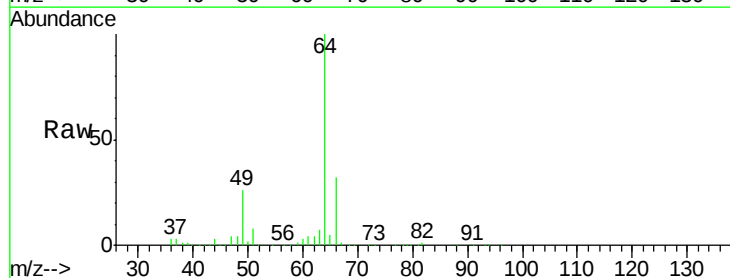
Acq: 12 Aug 2019 21:43

Tgt Ion: 64 Resp: 44671

Ion Ratio Lower Upper

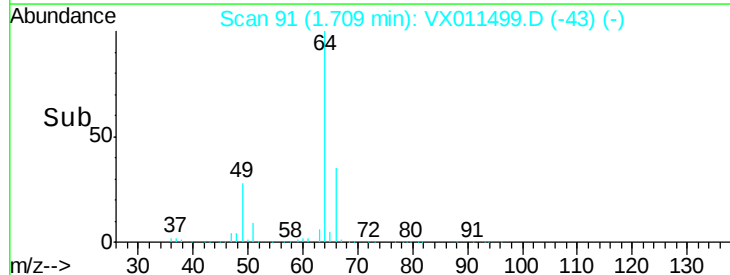
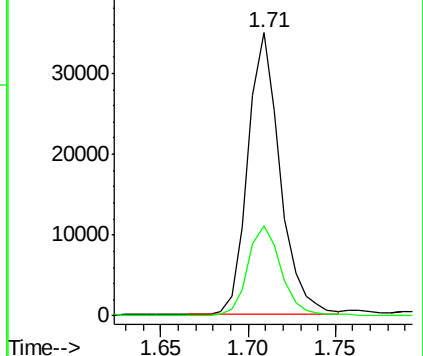
64 100

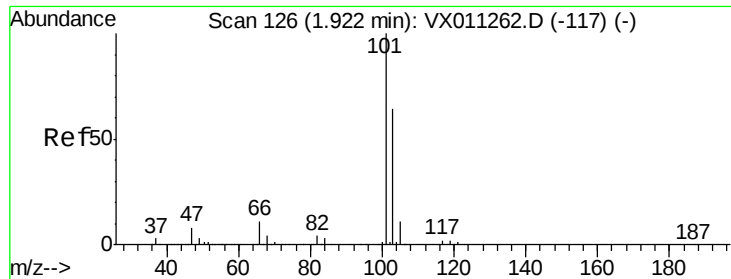
66 31.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

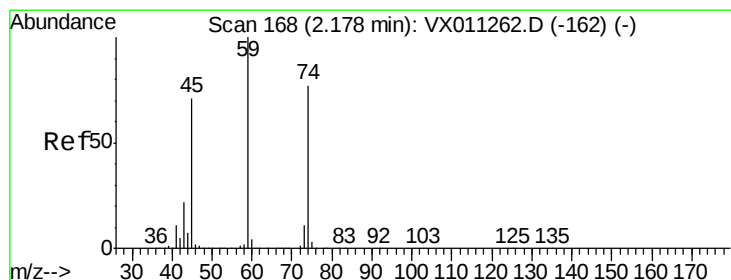
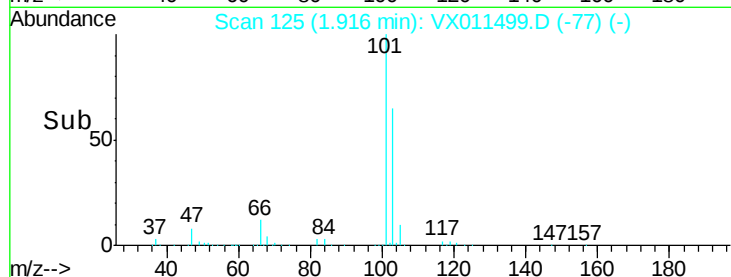
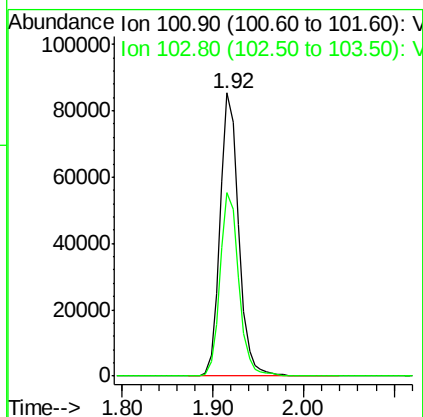
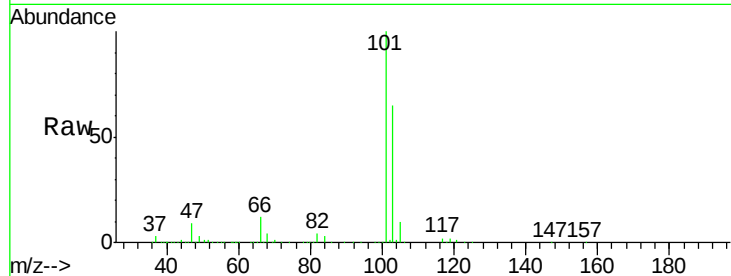
Trichlorofluoromethane
Concen: 46.875 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	122649		
103	64.9	50.9	76.3	

Manual Integrations
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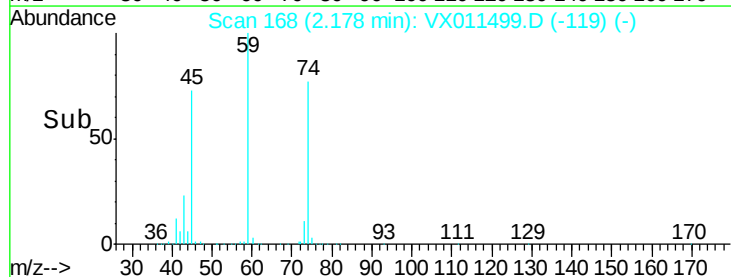
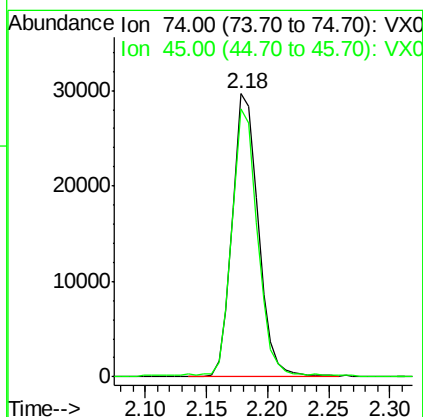
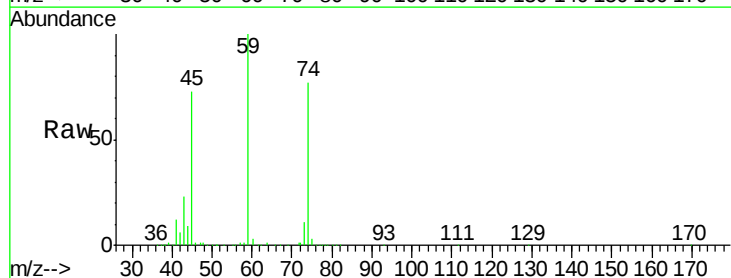
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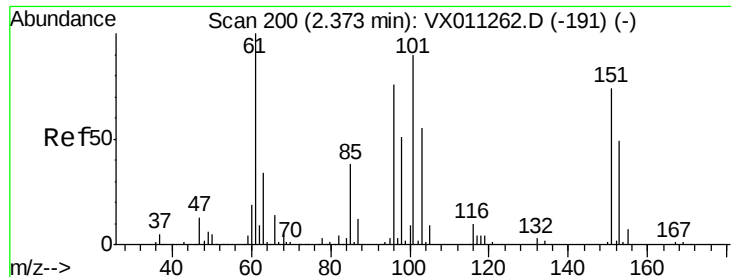


#8

Diethyl Ether
Concen: 46.535 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	43478		
45	92.2	46.1	138.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.744 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

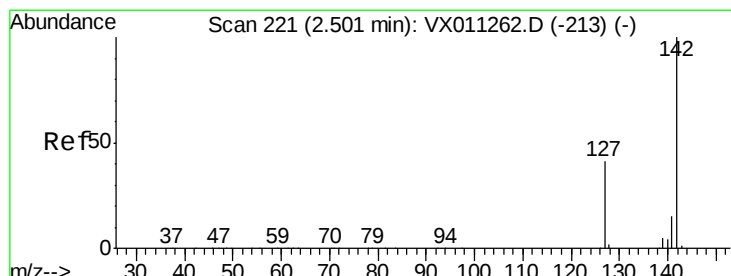
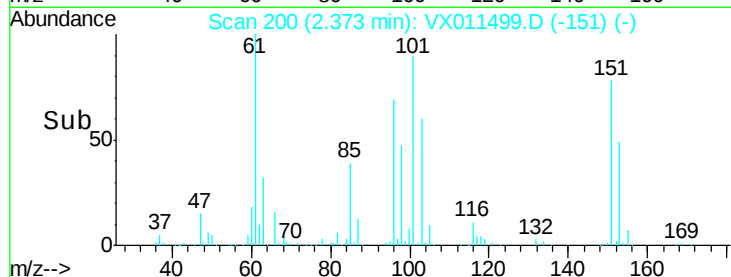
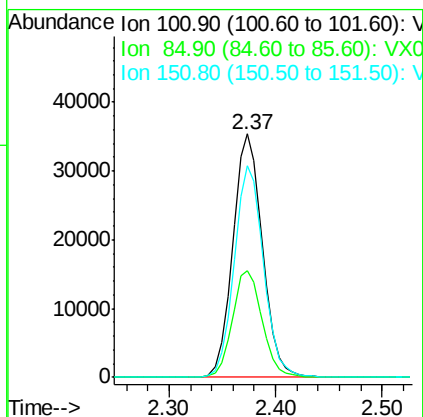
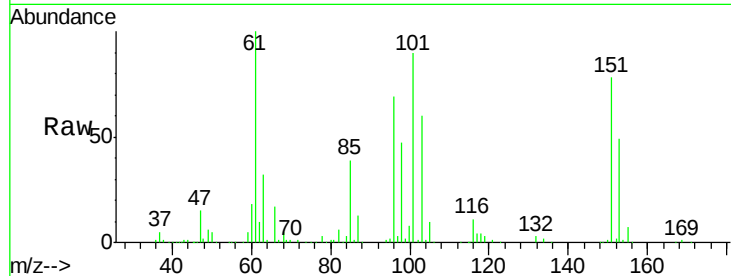
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	69010
Ion Ratio	Lower	Upper	
101	100		
85	44.1	33.8	50.6
151	86.1	69.5	104.3

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#10

Methyl Iodide

Concen: 47.885 ug/l

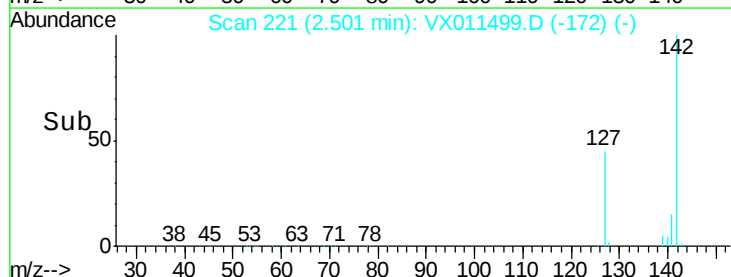
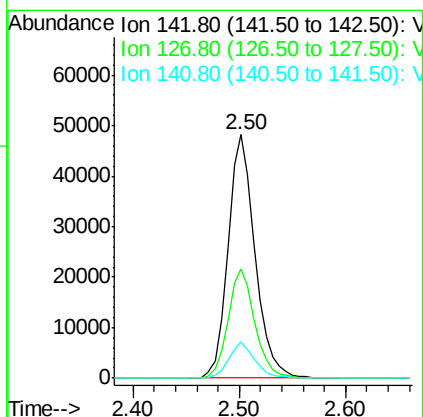
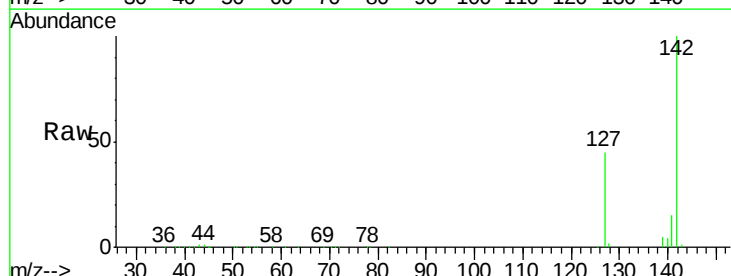
RT: 2.50 min Scan# 221

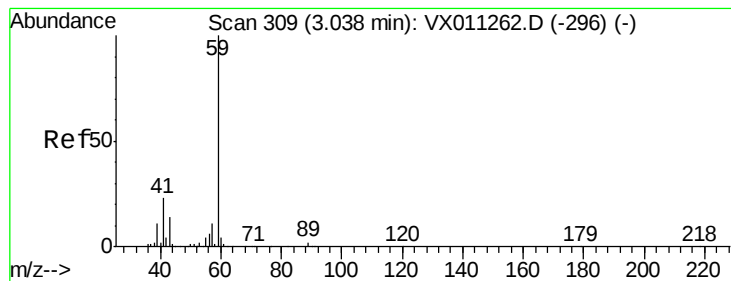
Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	142	Resp:	85471
Ion Ratio	Lower	Upper	
142	100		
127	44.4	33.8	50.8
141	14.3	11.4	17.2





#11

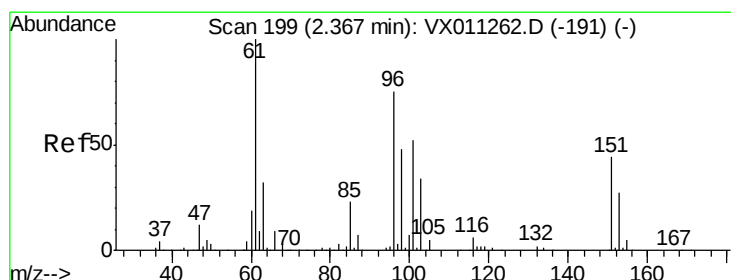
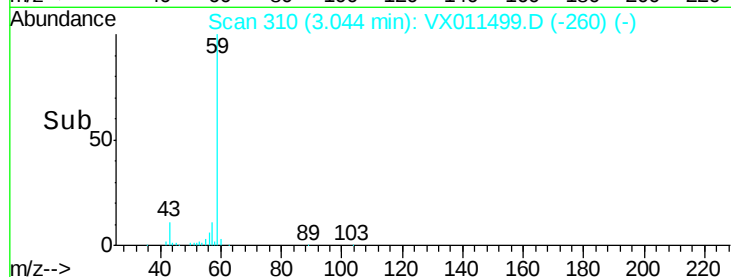
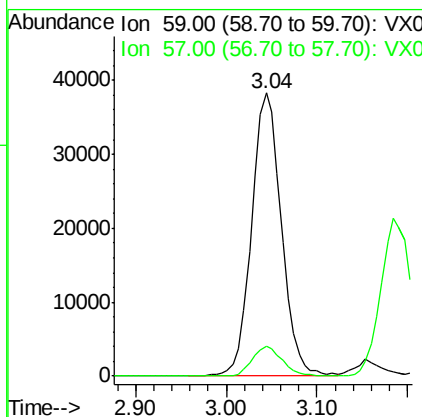
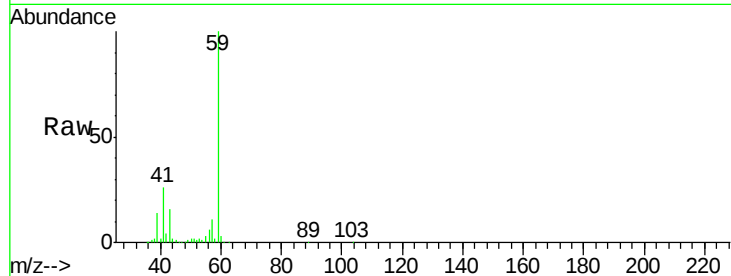
Tert butyl alcohol
Concen: 281.298 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 87133
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

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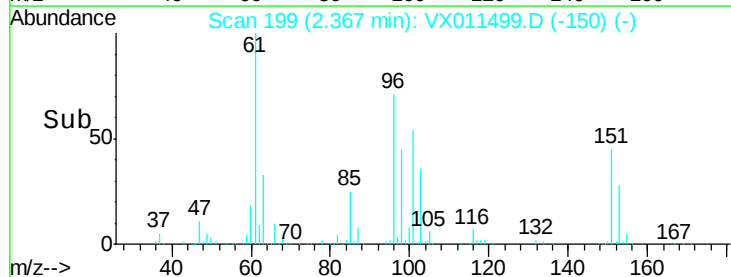
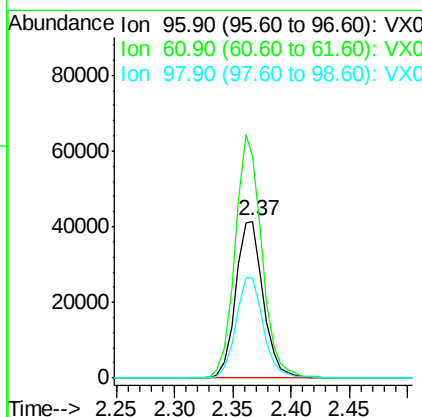
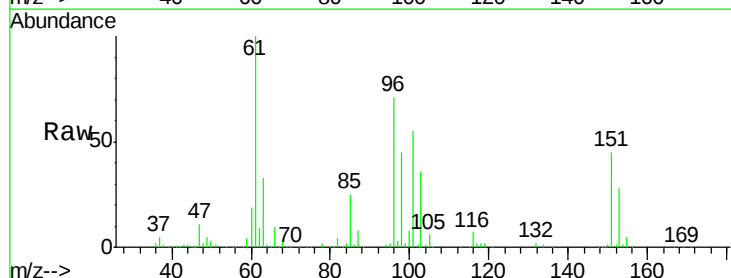
MMDadoda
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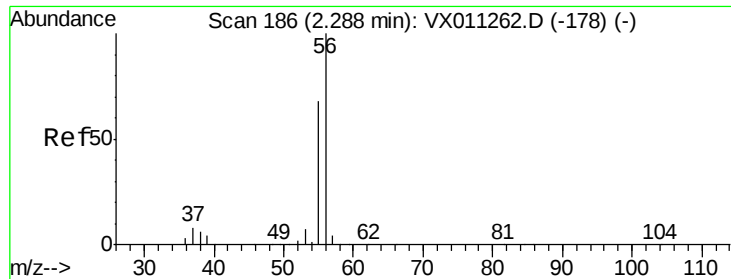


#12

1,1-Dichloroethene
Concen: 48.438 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 96 Resp: 67978
Ion Ratio Lower Upper
96 100
61 141.5 106.2 159.2
98 63.9 50.6 75.8





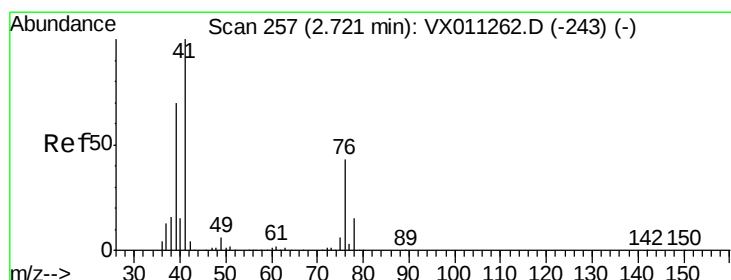
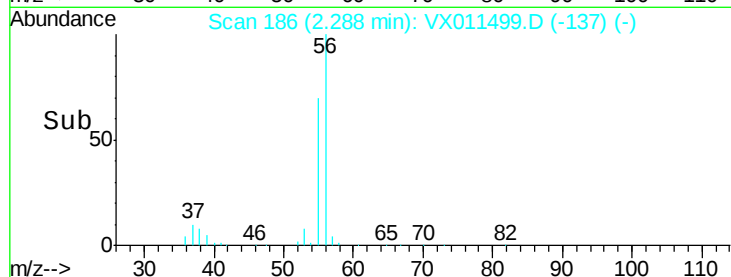
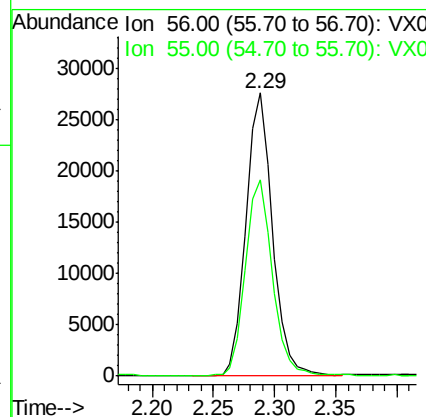
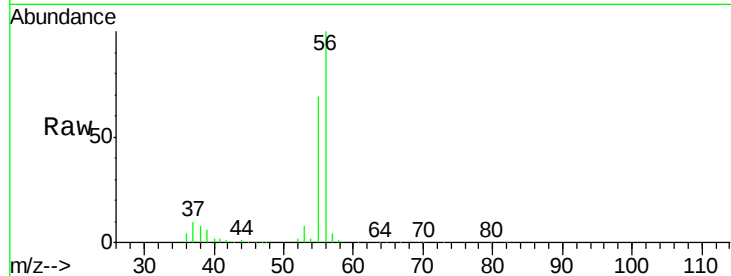
#13
Acrolein
Concen: 217.096 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.4	56.0	84.0

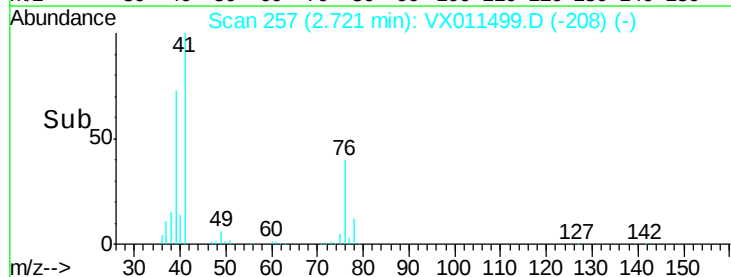
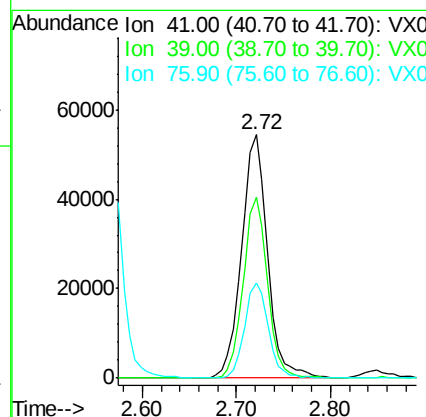
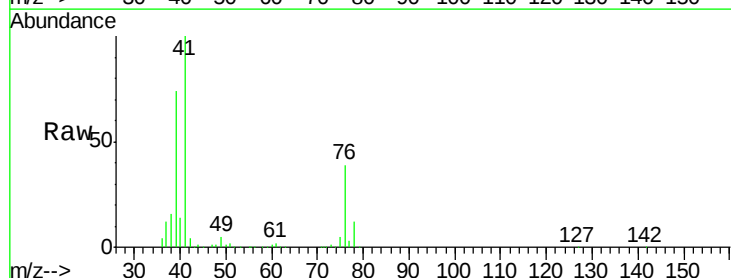
Manual Integrations
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#14
Allyl chloride
Concen: 56.115 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	68.7	52.8	79.2
76	76	35.7	31.1	46.7





#15

Acrylonitrile

Concen: 281.572 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

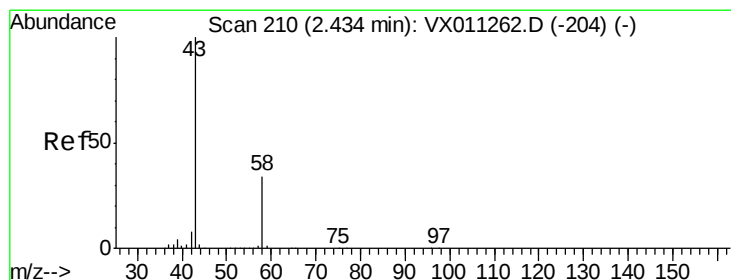
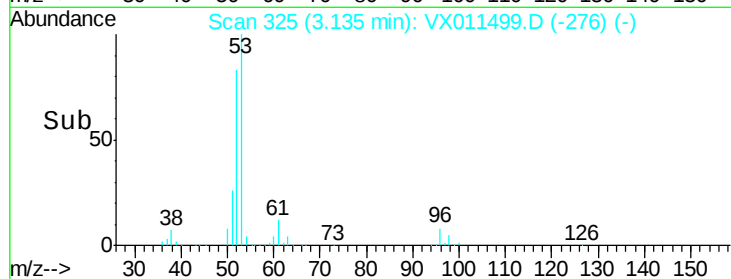
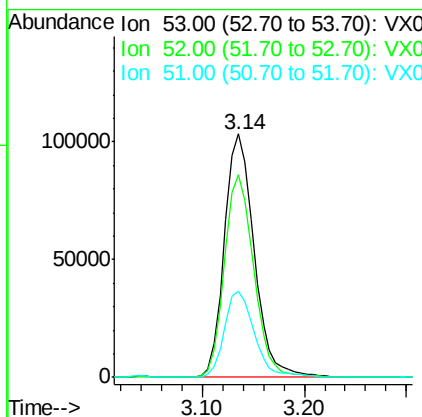
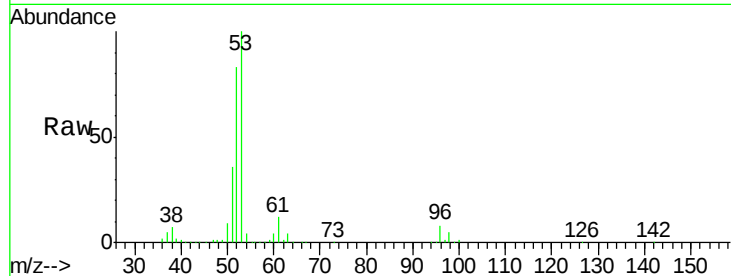
ClientSampleId :

VSTDCCC050

Tot Ion	53	Resp	208129
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.5	98.3
51	36.3	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 245.200 ug/l

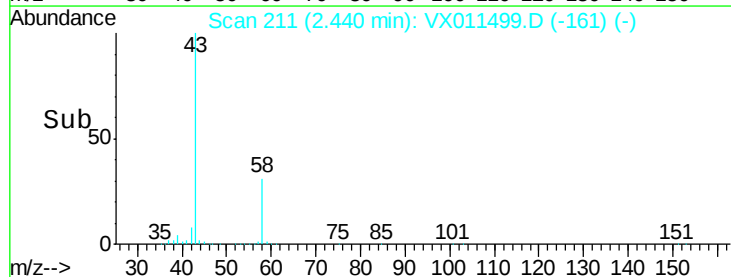
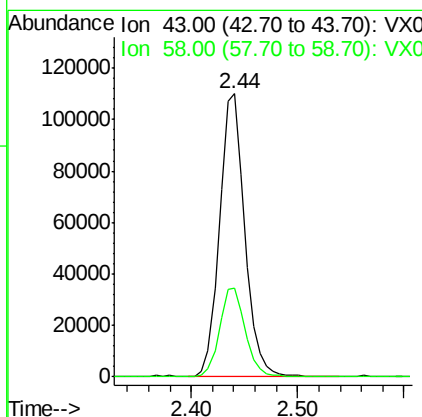
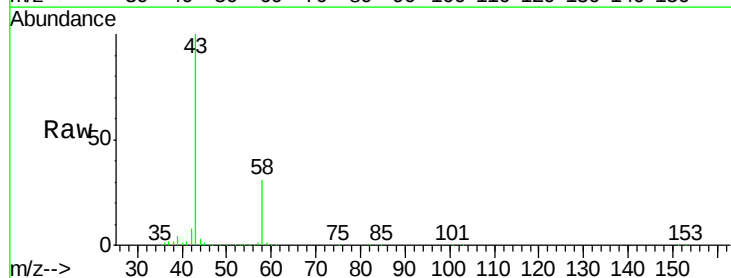
RT: 2.44 min Scan# 211

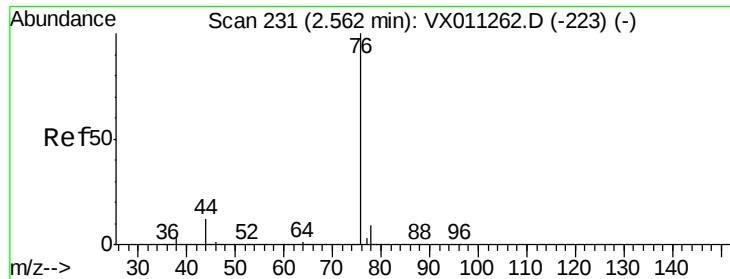
Delta R.T. 0.01 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Tgt Ion	43	Resp	181292
Ion Ratio	Lower	Upper	
43	100		
58	31.2	27.4	41.0





#17

Carbon Disulfide

Concen: 45.043 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 148340

Ion Ratio Lower Upper

76 100

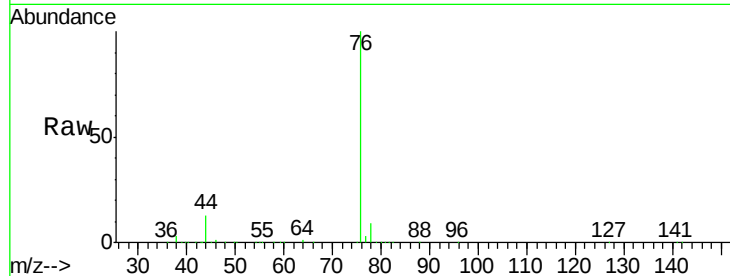
78 9.1 7.4 11.0

Manual Integrations

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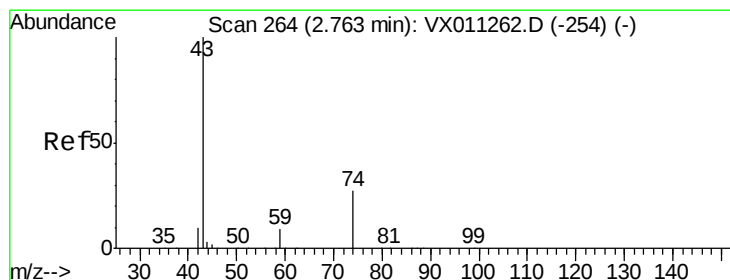
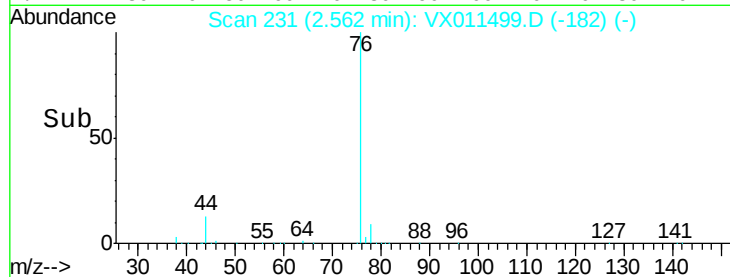
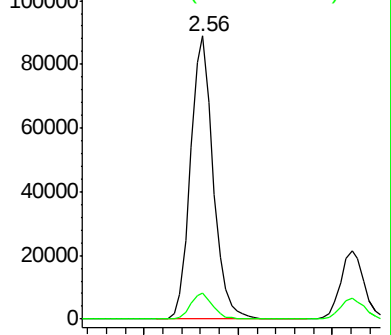
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 60.227 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011499.D

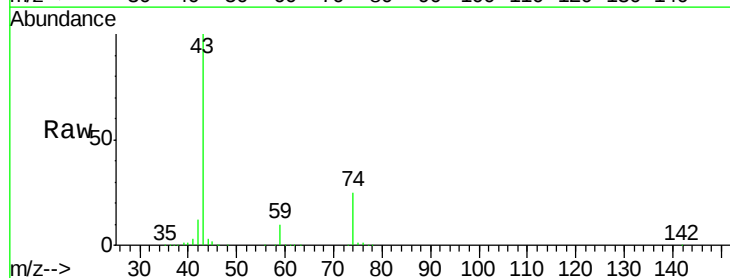
Acq: 12 Aug 2019 21:43

Tgt Ion: 43 Resp: 101762

Ion Ratio Lower Upper

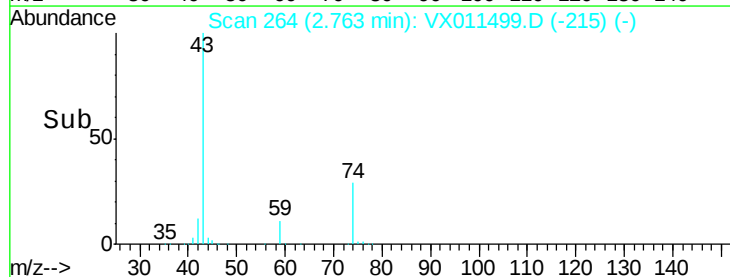
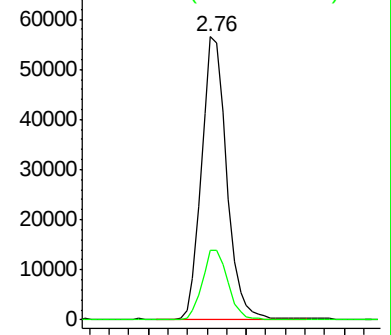
43 100

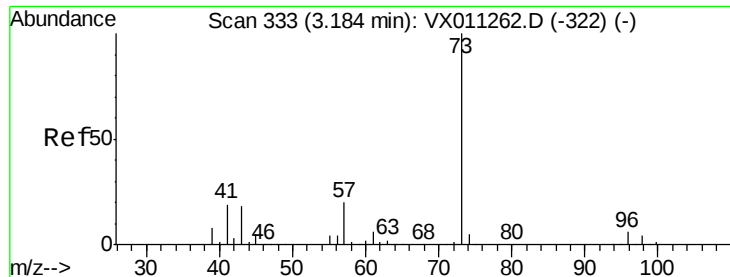
74 25.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





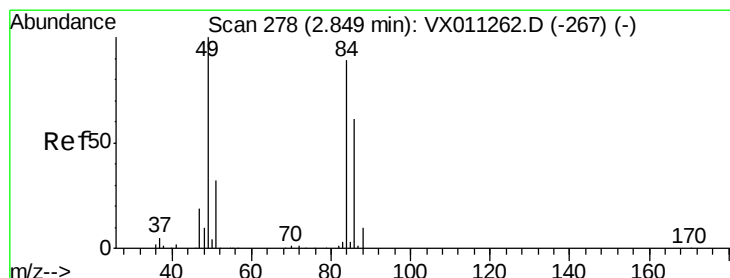
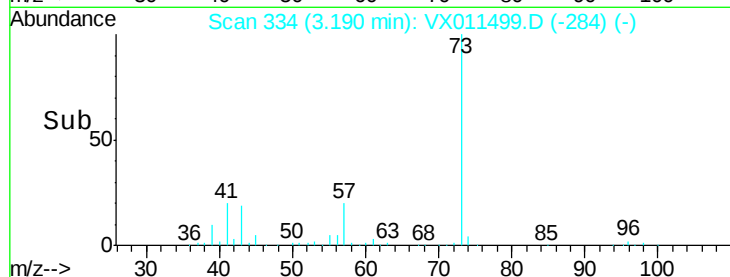
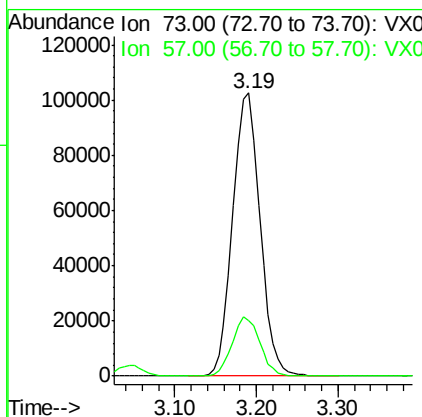
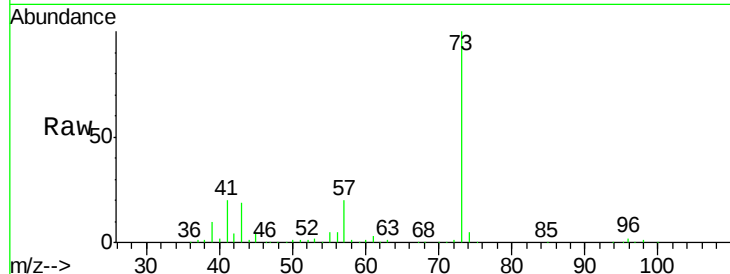
#19
Methvl tert-butvl Ether
Concen: 57.500 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.7	16.2	24.2

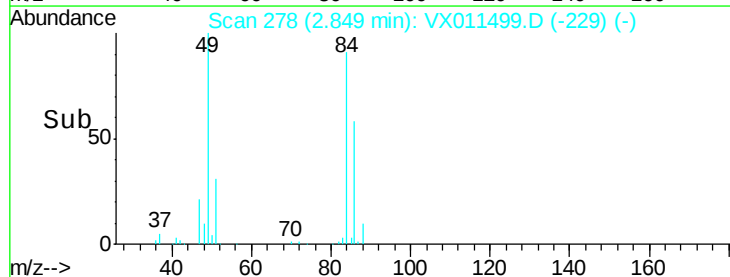
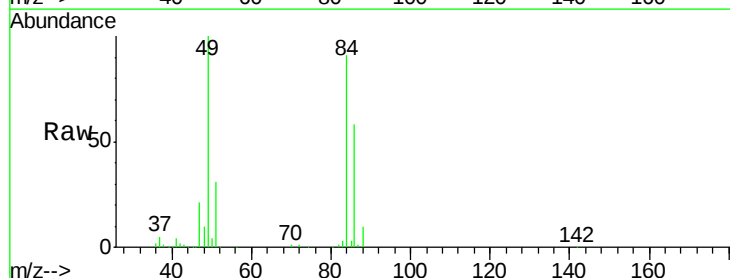
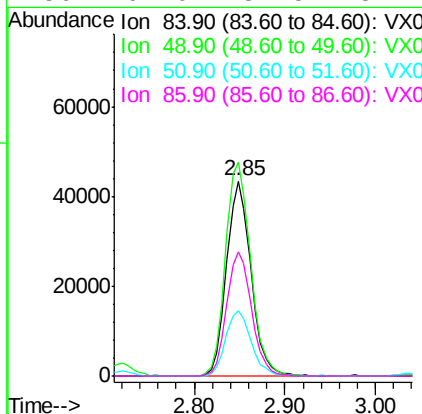
Manual Integrations
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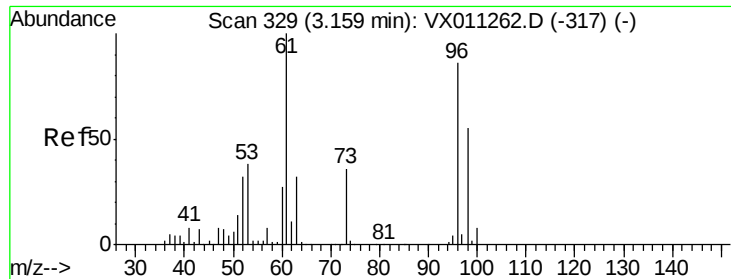
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#20
Methylene Chloride
Concen: 50.248 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.7	89.3	133.9
51	33.5	28.3	42.5
86	64.0	54.5	81.7





#21

trans-1,2-Dichloroethene

Concen: 50.601 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

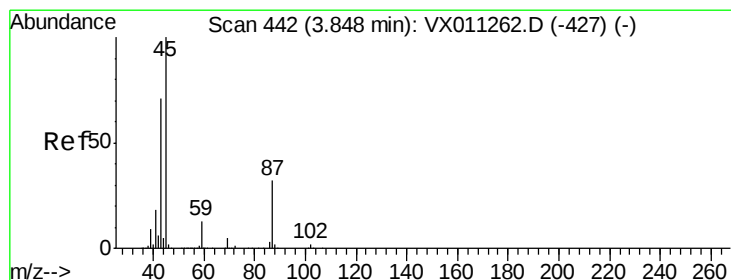
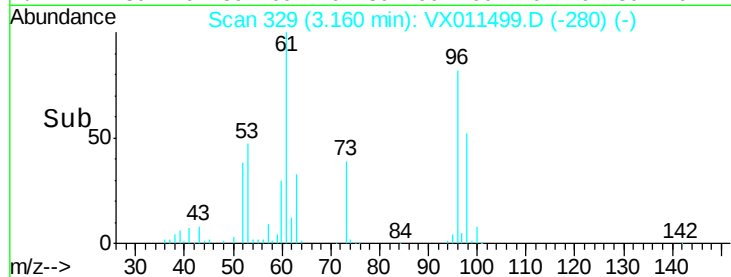
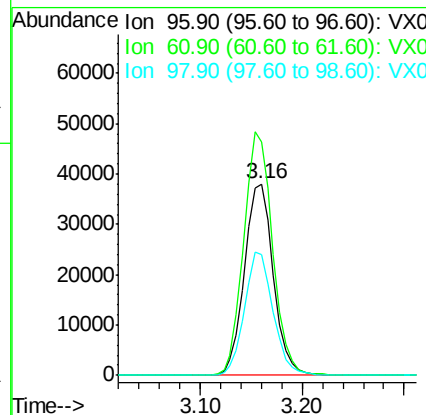
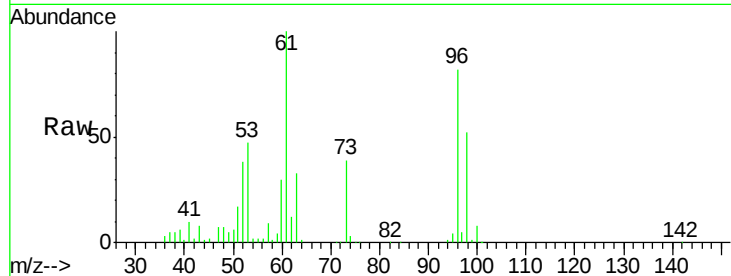
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	75120
Ion	Ratio	Lower	Upper
96	100		
61	122.1	92.8	139.2
98	63.1	51.2	76.8

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#22

Diisopropyl ether

Concen: 56.081 ug/l

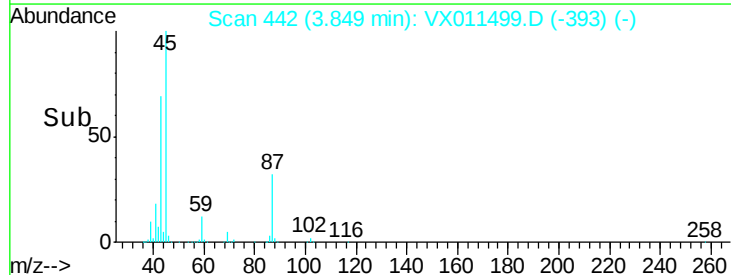
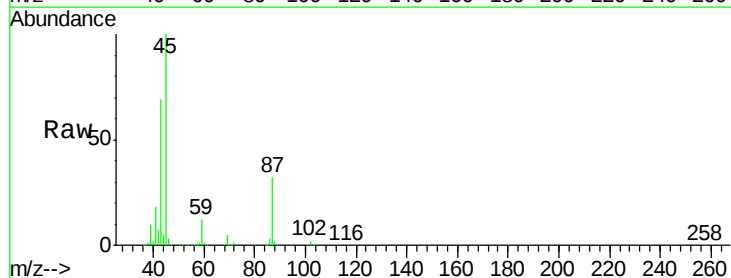
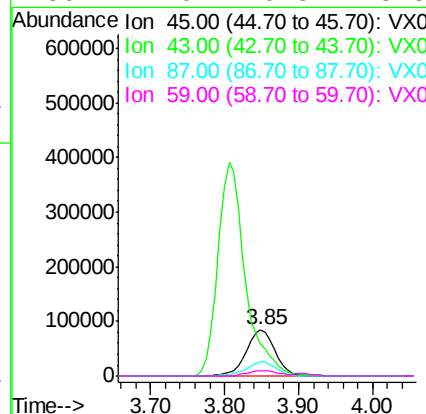
RT: 3.85 min Scan# 442

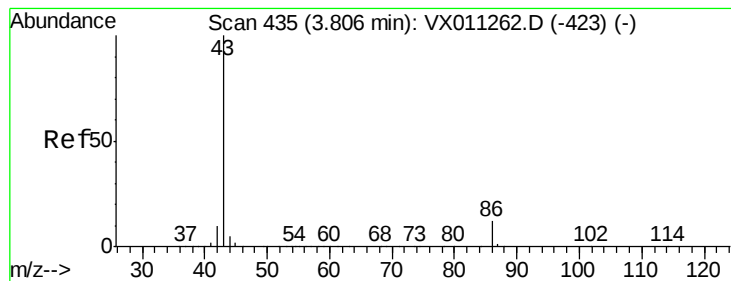
Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	45	Resp:	230605
Ion	Ratio	Lower	Upper
45	100		
43	68.9	56.8	85.2
87	31.7	25.8	38.6
59	12.0	10.3	15.5





#23

Vinyl Acetate

Concen: 293.513 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1001025

Ion Ratio Lower Upper

43 100

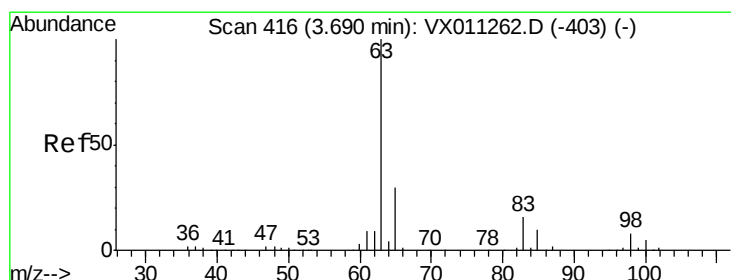
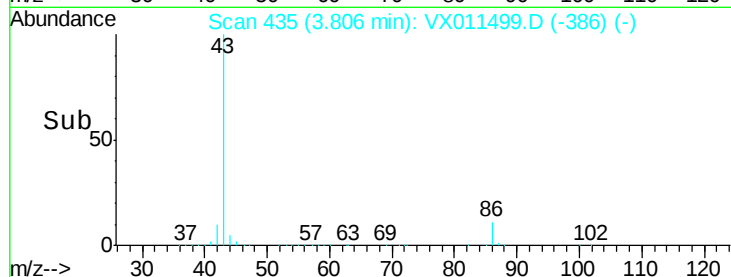
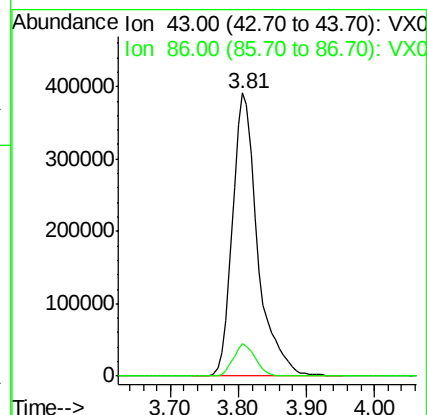
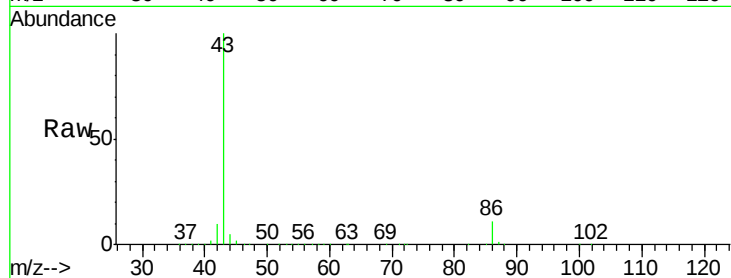
86 11.4 9.6 14.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.853 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

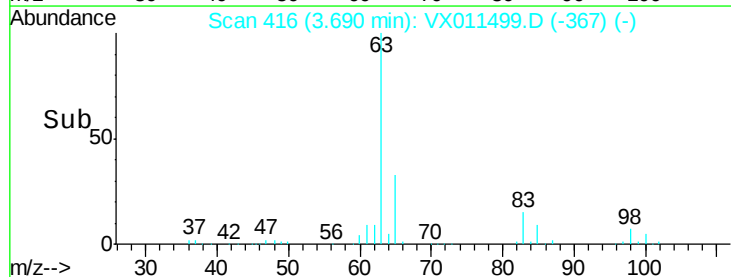
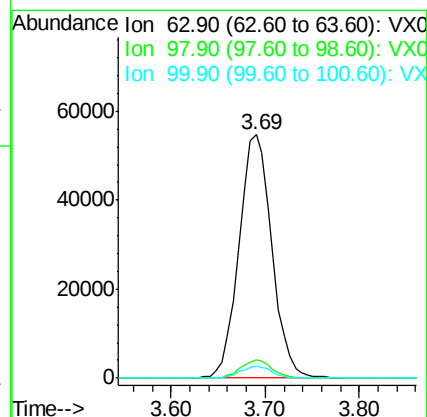
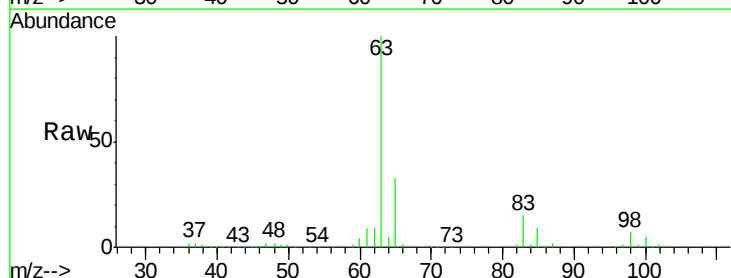
Tgt Ion: 63 Resp: 133001

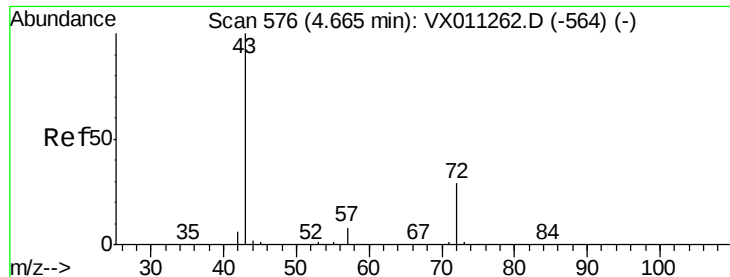
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 5.0 2.7 8.1





#25

2-Butanone

Concen: 277.439 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 291795

Ion Ratio Lower Upper

43 100

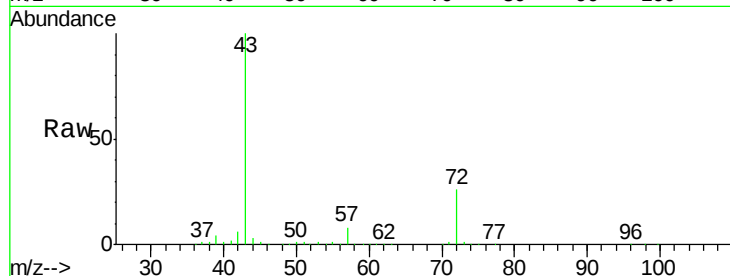
72 26.1 23.2 34.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

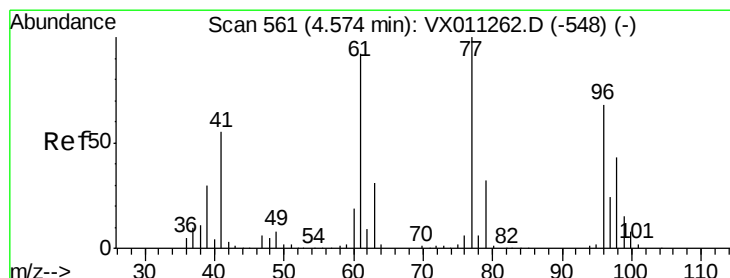
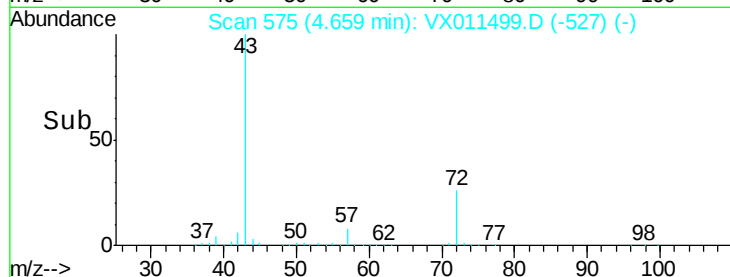
20000

0

4.66

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 49.945 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011499.D

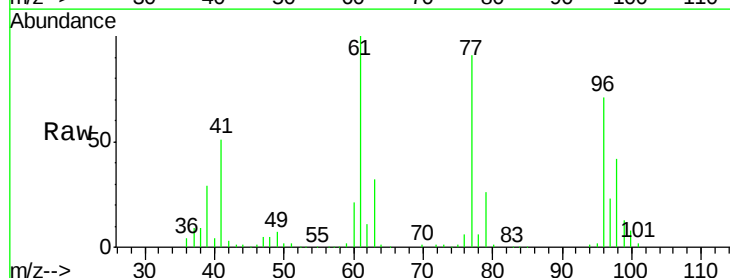
Acq: 12 Aug 2019 21:43

Tgt Ion: 77 Resp: 94137

Ion Ratio Lower Upper

77 100

97 24.5 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

20000

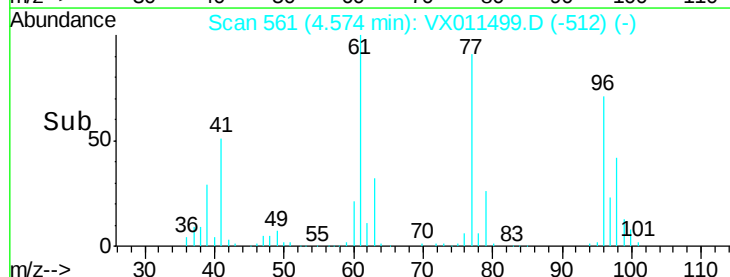
10000

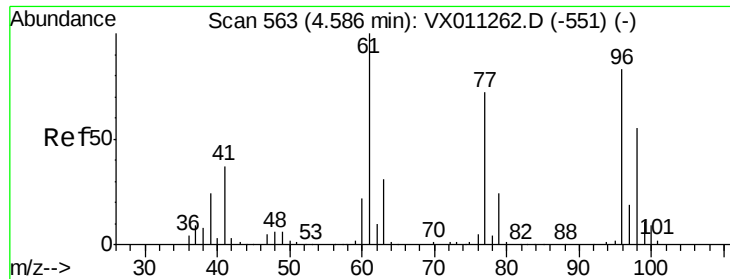
0

4.57

4.40 4.50 4.60 4.70

Time-->





#27

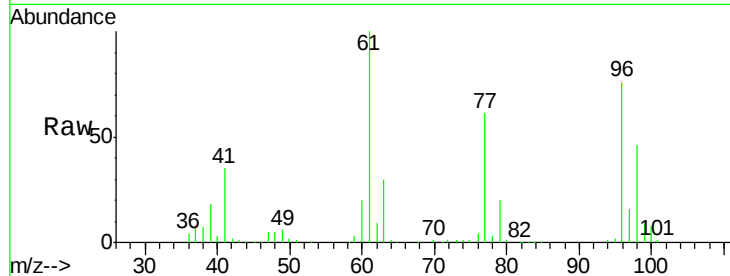
cis-1,2-Dichloroethene
Concen: 52.240 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

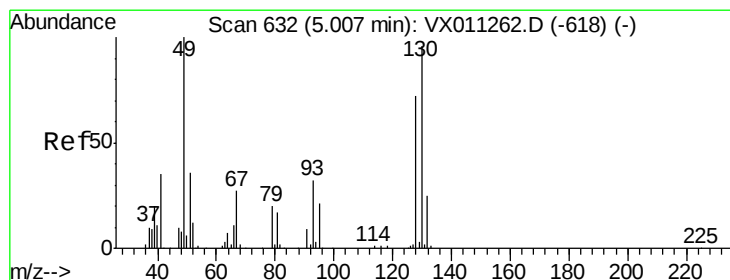
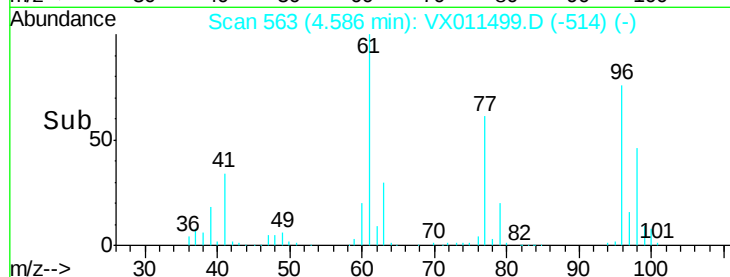
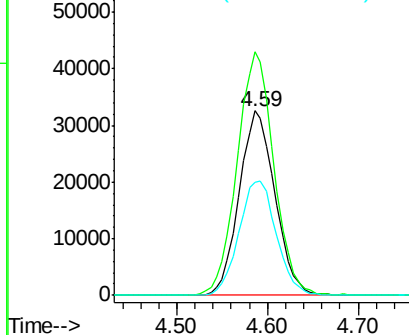
Tot Ion	Ratio	Resp	Lower	Upper
96	100	89328		
61	135.0	0.0	260.2	
98	64.6	0.0	133.2	

Manual Integrations
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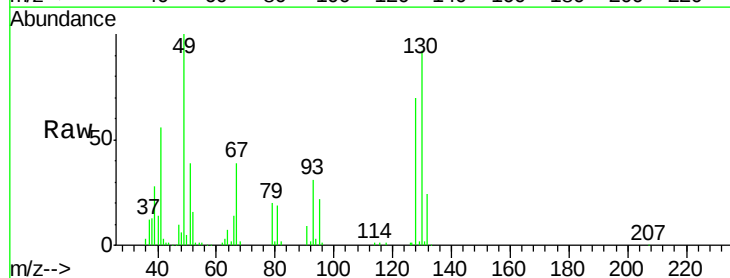
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



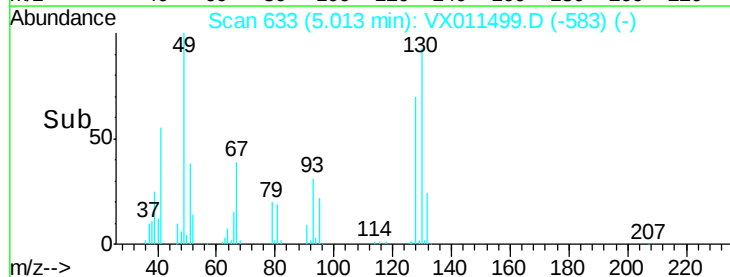
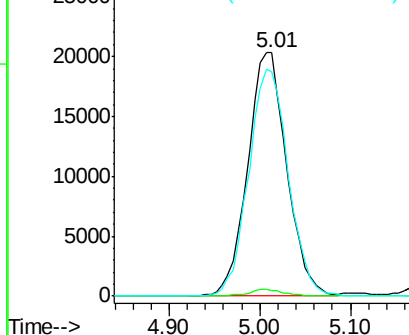
#28

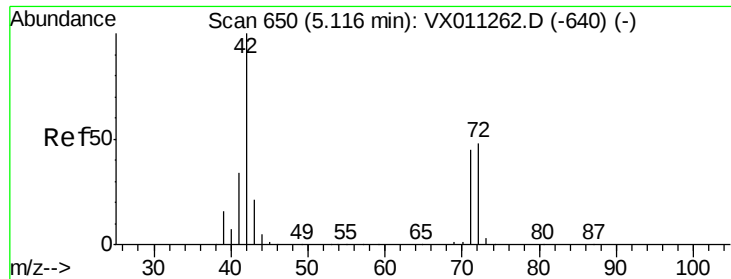
Bromochloromethane
Concen: 54.900 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.01 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	60685		
129	2.6	0.0	5.8	
130	94.5	77.9	116.9	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





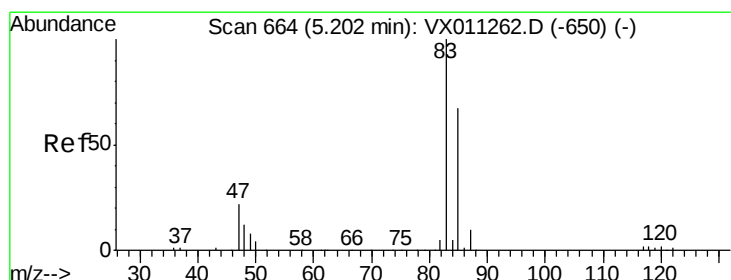
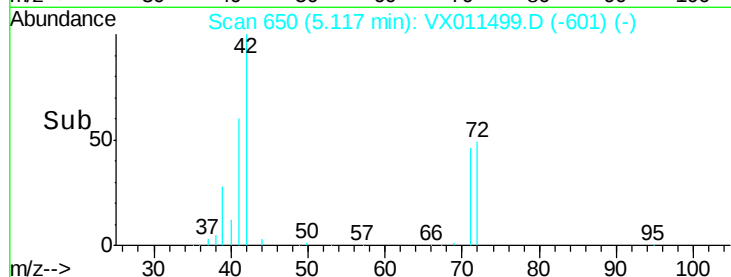
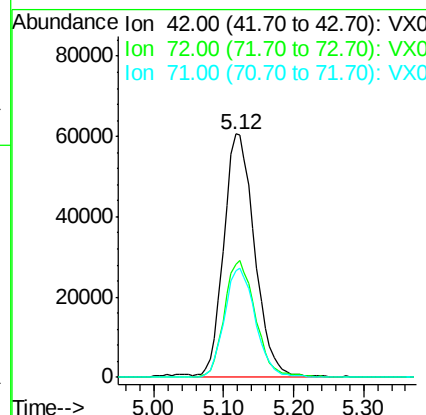
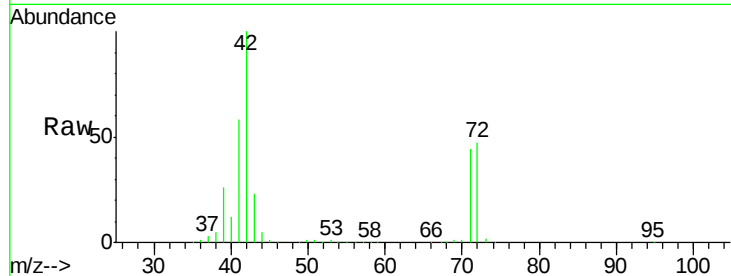
#29
Tetrahydrofuran
Concen: 287.762 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	39.9	59.9
71	45.0	36.9	55.3

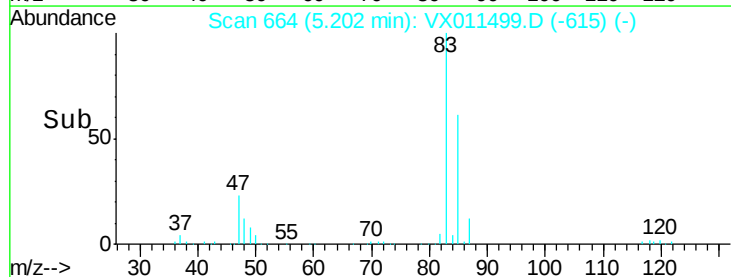
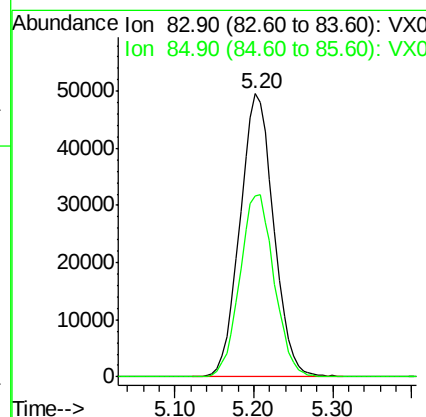
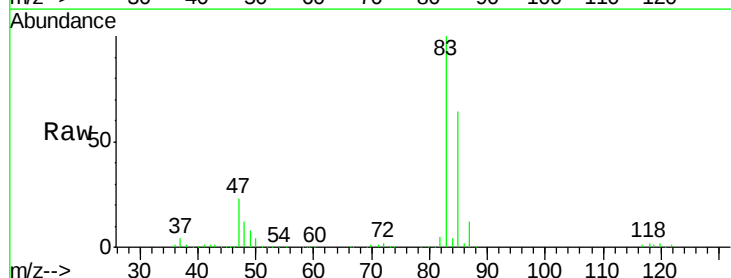
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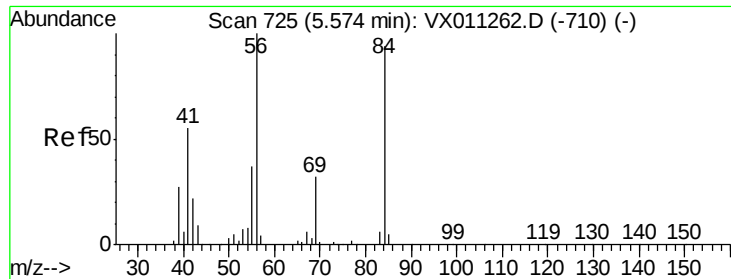
MMDadoda
8/14/2019 9:12:36 AM



#30
Chloroform
Concen: 55.904 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.4	80.0





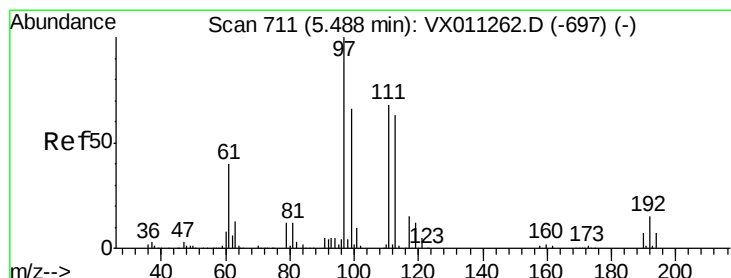
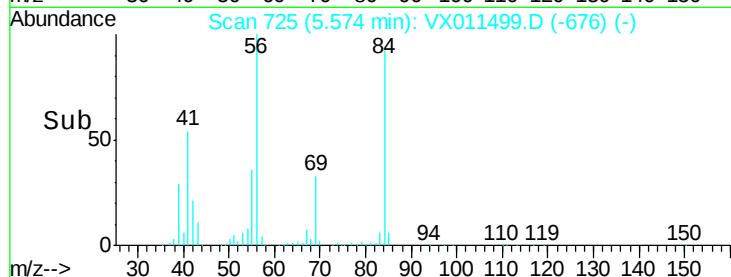
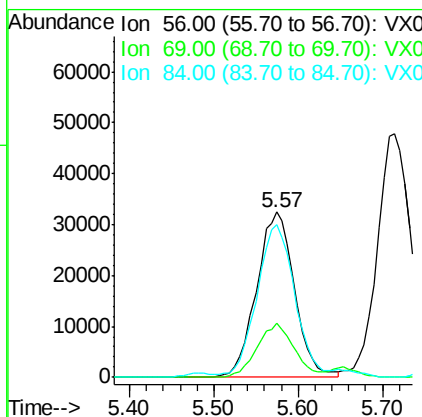
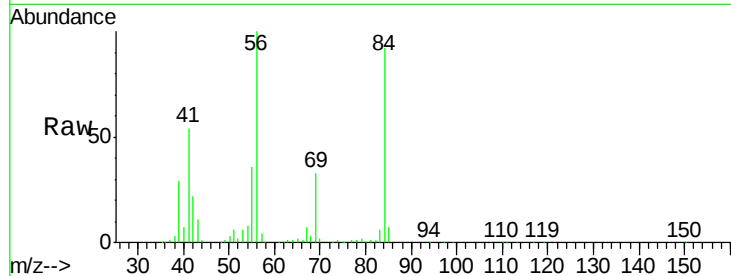
#31
Cyclohexane
Concen: 50.100 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.5	38.3
84	91.0	75.0	112.4

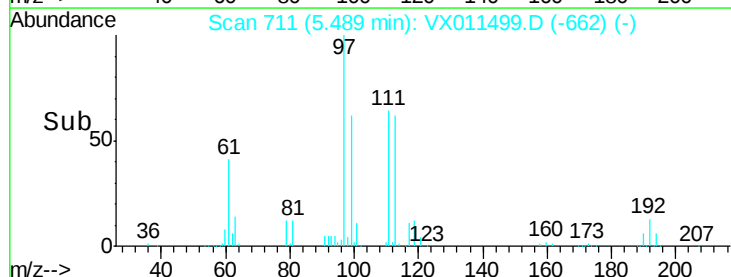
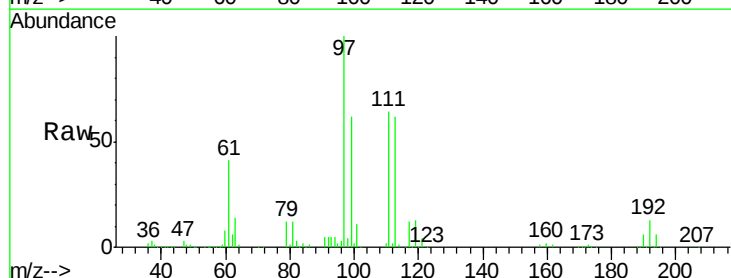
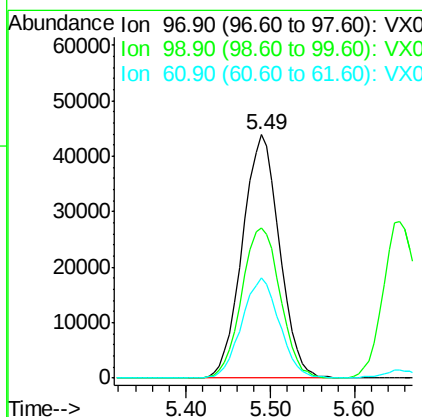
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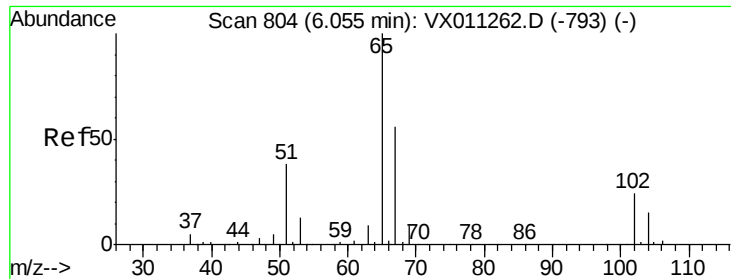
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#32
1,1,1-Trichloroethane
Concen: 58.091 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	41.8	32.3	48.5





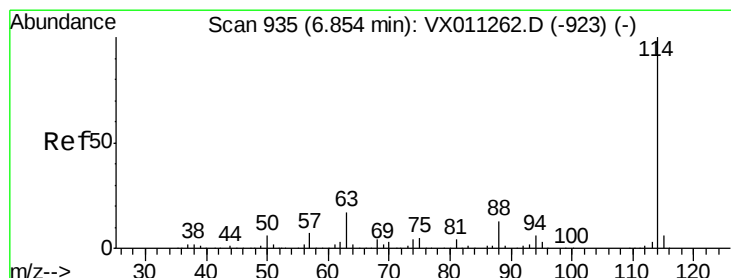
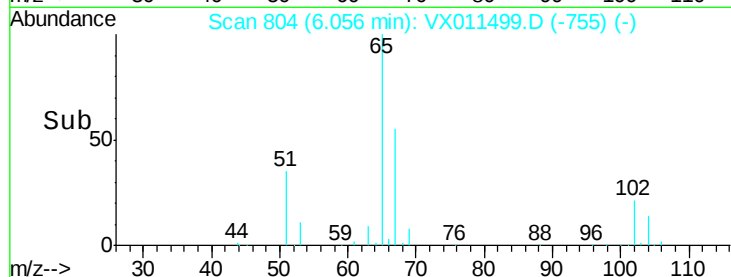
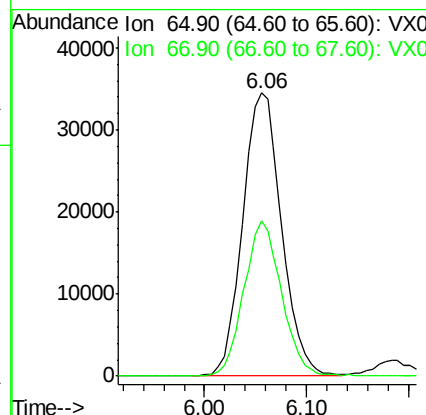
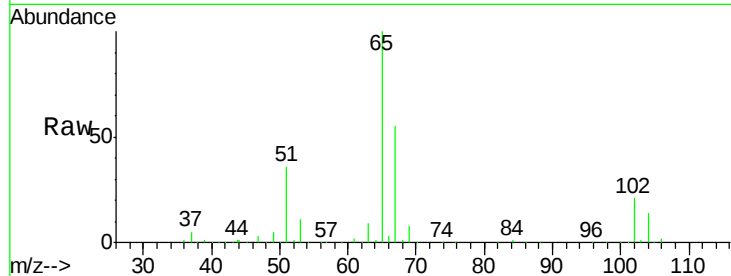
#33
 1,2-Dichloroethane-d4
 Concen: 58.739 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	110.6

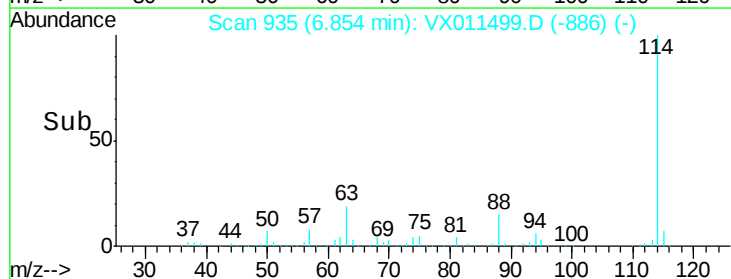
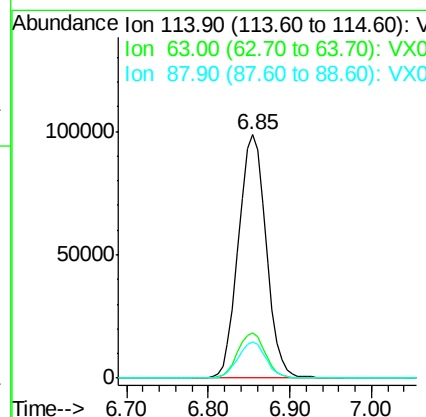
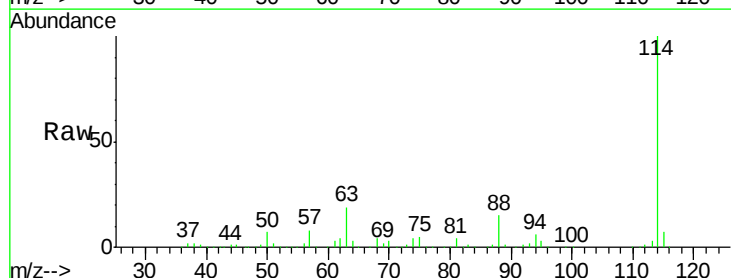
Manual Integrations
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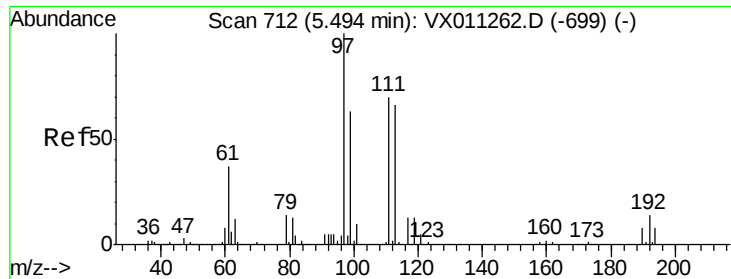
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	34.0
88	14.8	0.0	26.4





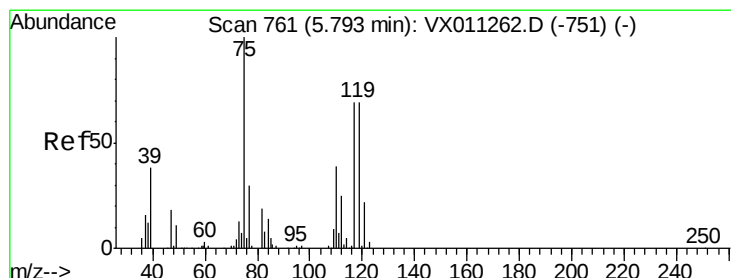
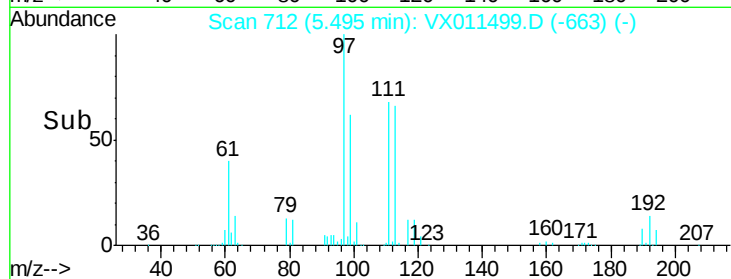
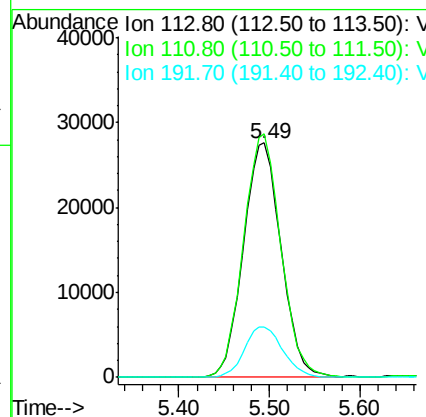
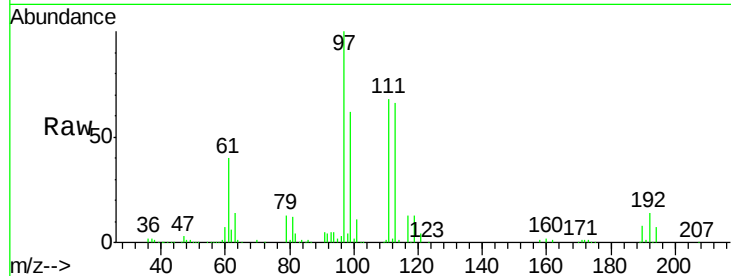
#35
 Dibromofluoromethane
 Concen: 52.662 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	79545		
111	103.1	81.9	122.9	
192	21.8	17.8	26.8	

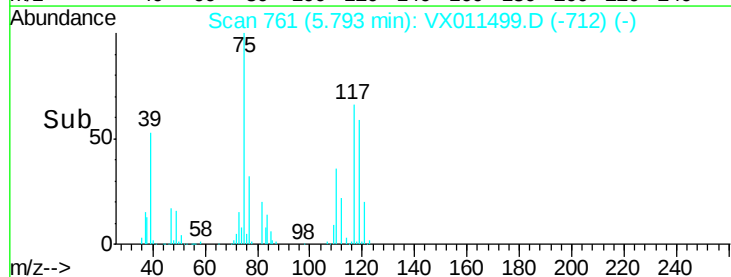
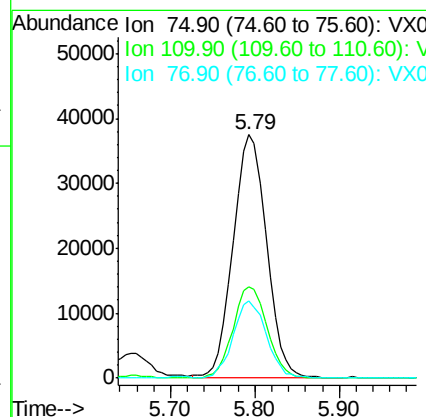
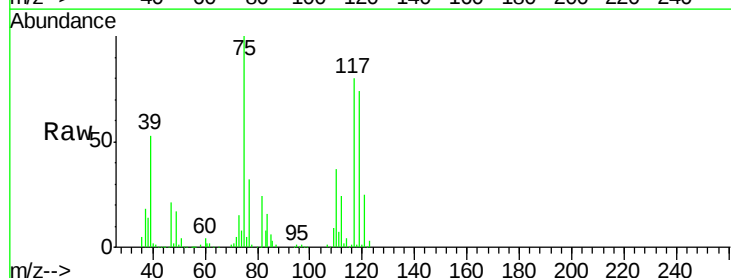
Manual Integrations
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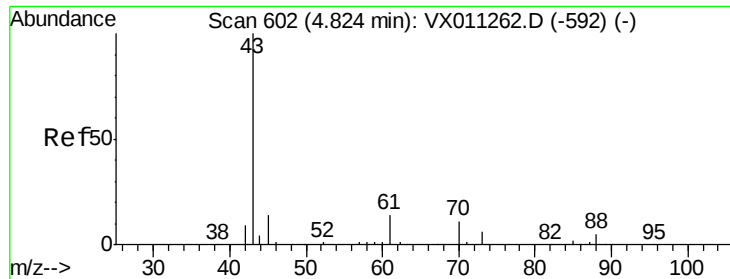
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 50.315 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101635		
110	38.2	20.0	59.9	
77	31.5	24.8	37.2	





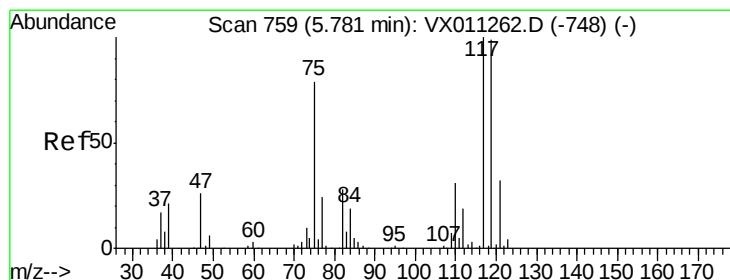
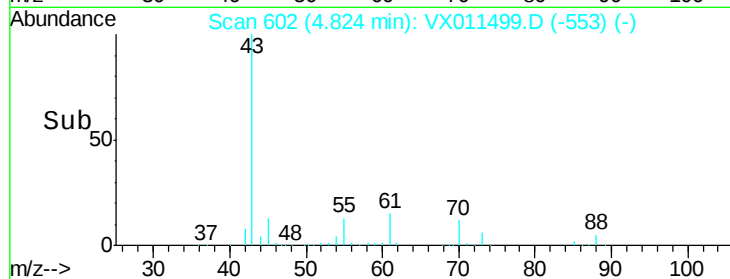
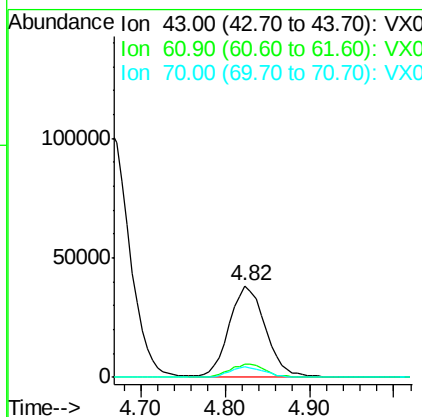
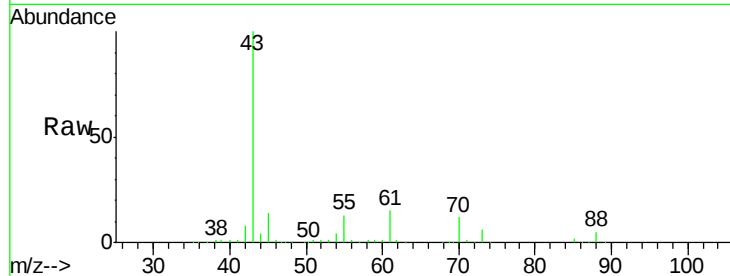
#37
Ethyl Acetate
Concen: 54.502 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.6	18.8
70	11.3	9.1	13.7

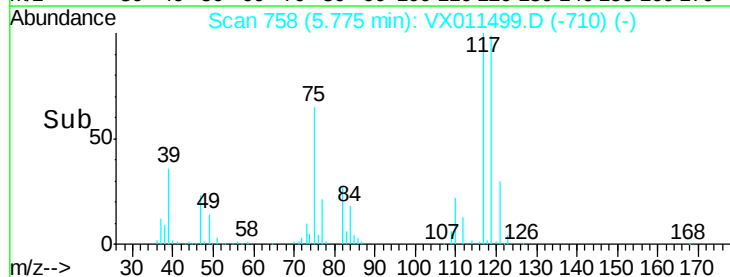
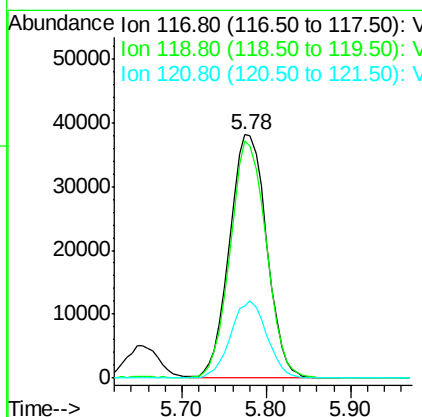
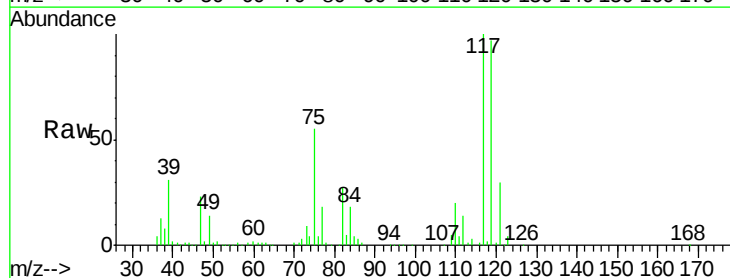
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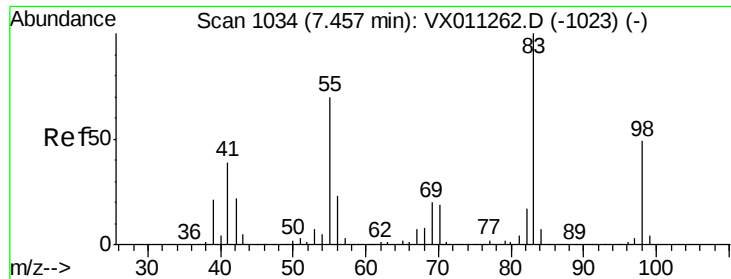
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#38
Carbon Tetrachloride
Concen: 56.177 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.0	118.4
121	29.8	25.9	38.9





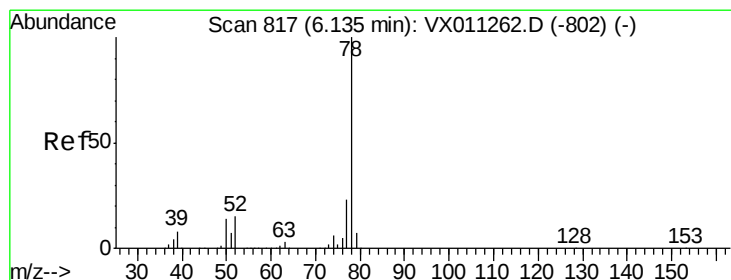
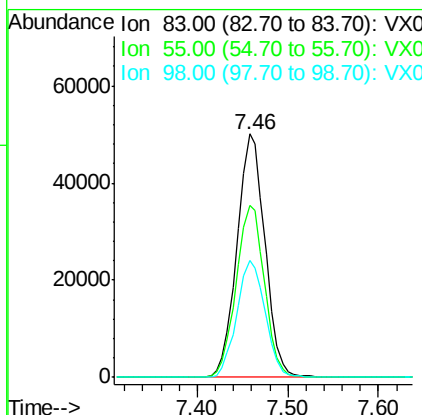
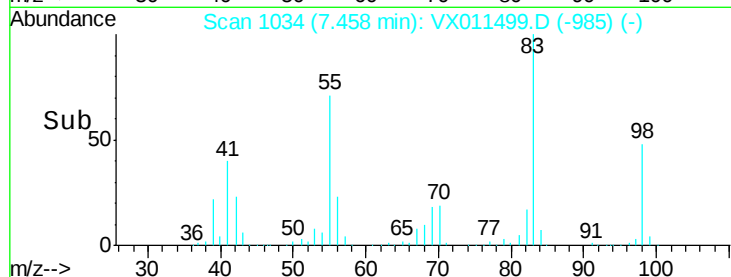
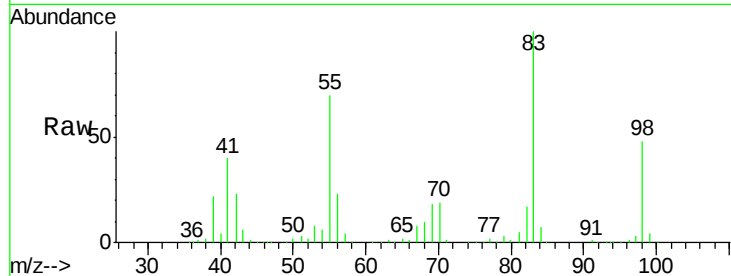
#39
Methvlcvclohexane
Concen: 44.773 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	70.2	56.1	84.1	
98	47.9	39.0	58.4	

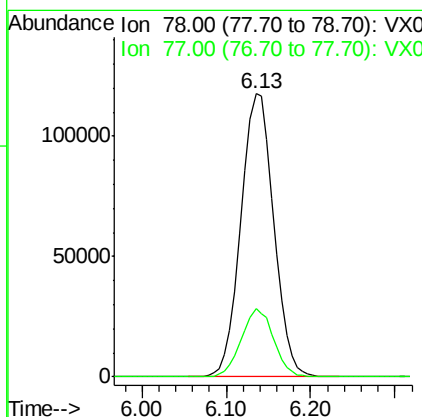
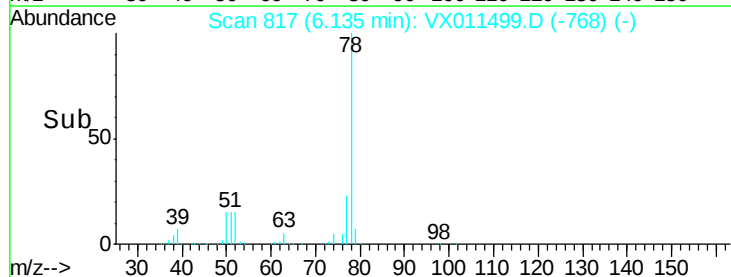
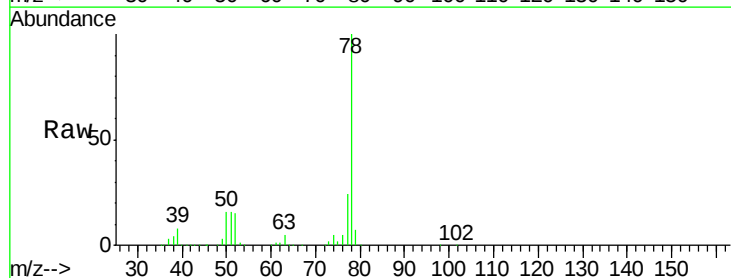
Manual Integrations
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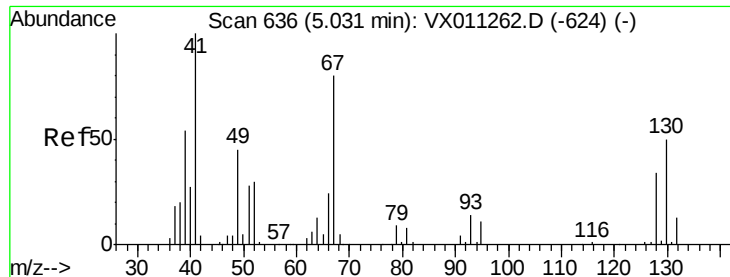
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#40
Benzene
Concen: 51.445 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	18.2	27.2	





#41

Methacrylonitrile

Concen: 56.185 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 62172

Ion Ratio Lower Upper

41 100

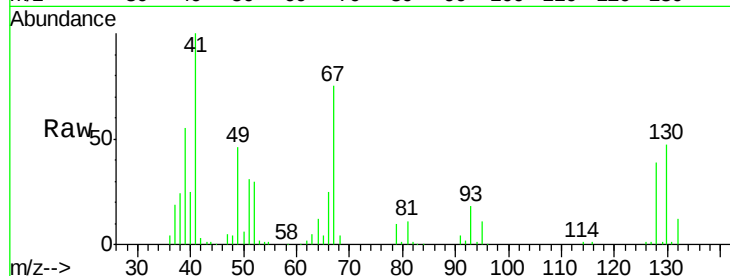
39 55.9 43.0 64.6

67 76.6 65.1 97.7

52 32.1 24.8 37.2

Manual Integrations
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MMDadoda
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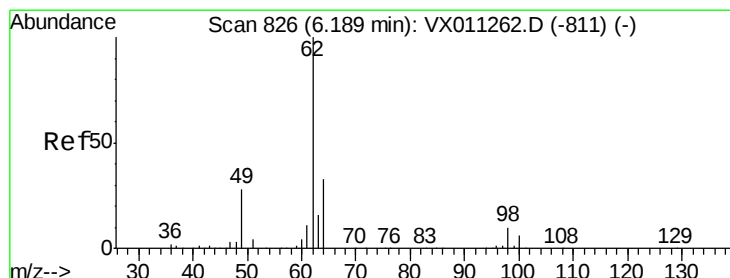
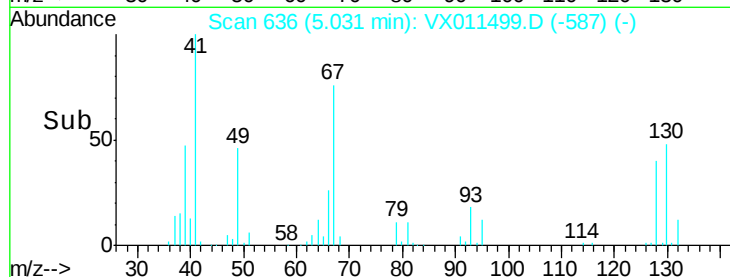
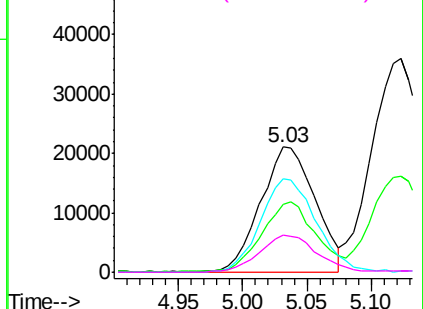


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 57.720 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX011499.D

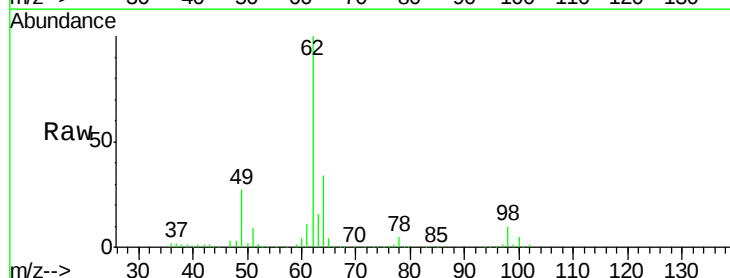
Acq: 12 Aug 2019 21:43

Tgt Ion: 62 Resp: 117649

Ion Ratio Lower Upper

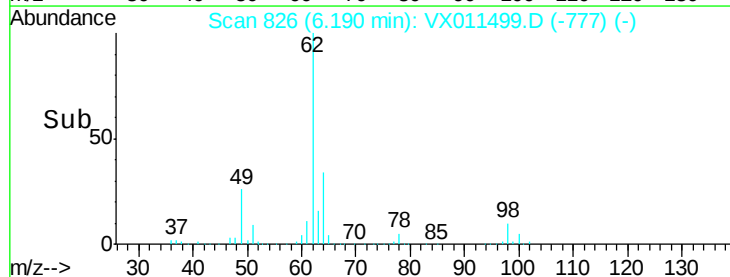
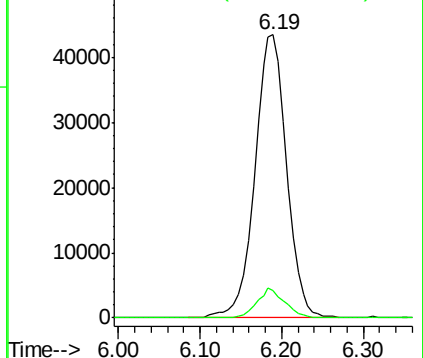
62 100

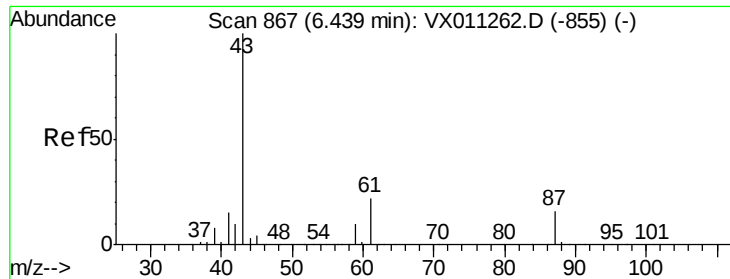
98 9.2 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





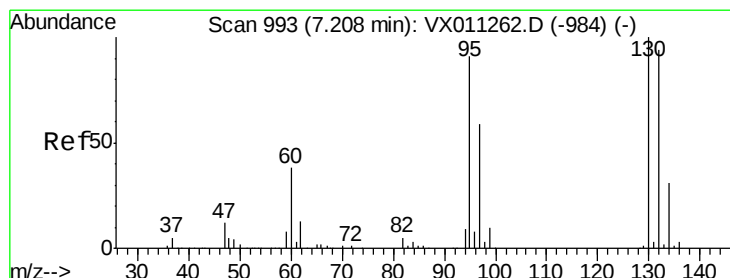
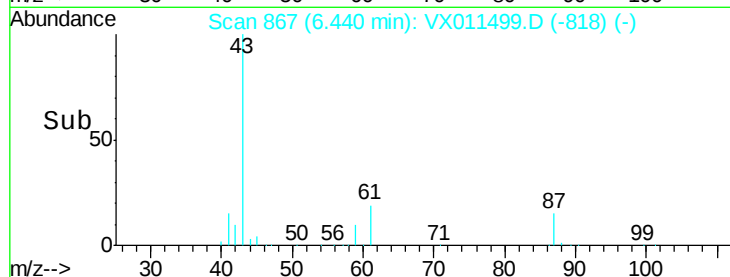
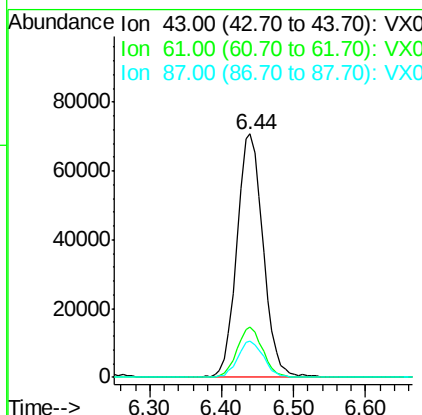
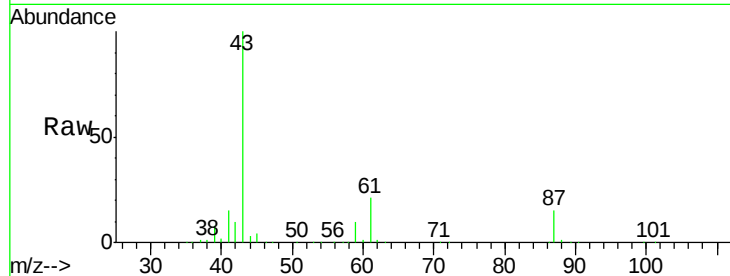
#43
Isopropyl Acetate
Concen: 55.180 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.5	24.7
87	14.8	12.1	18.1

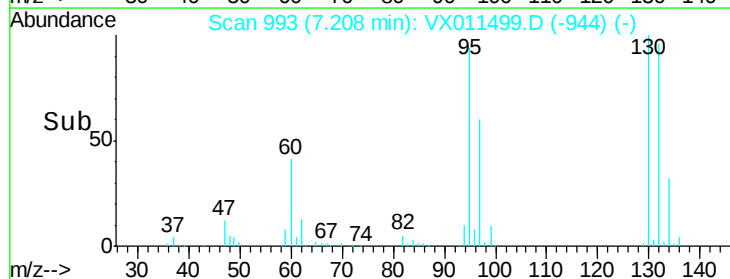
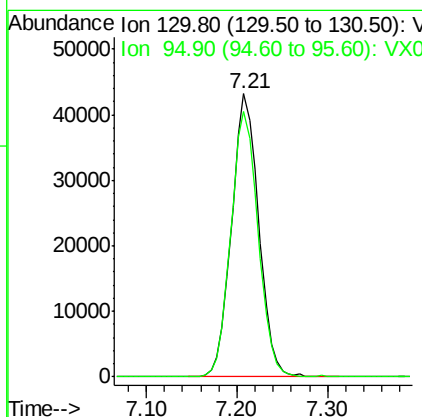
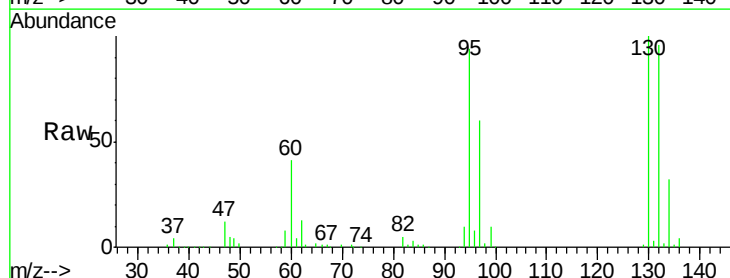
Manual Integrations
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#44
Trichloroethene
Concen: 49.268 ug/l
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	182.6





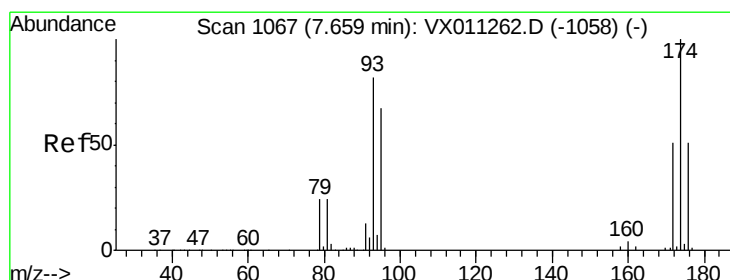
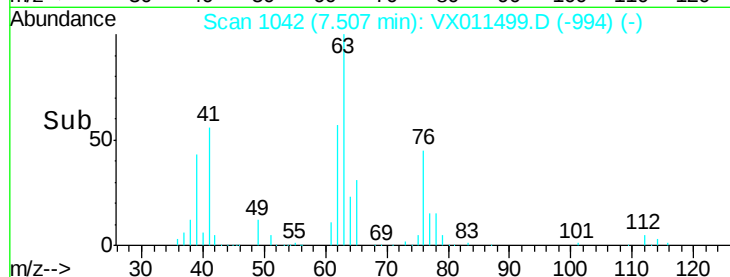
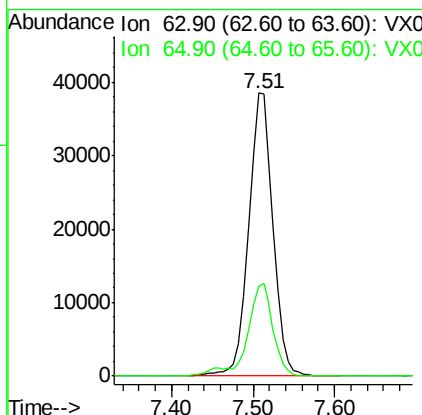
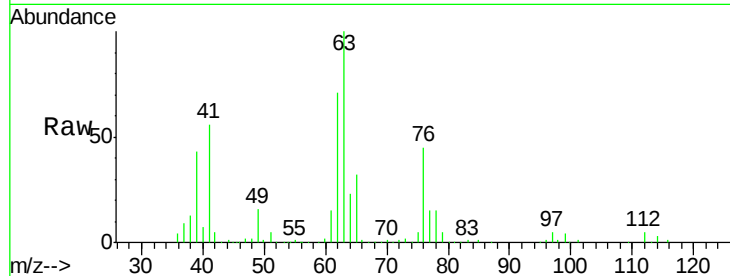
#45
 1,2-Dichloropropane
 Concen: 51.552 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 80476
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.3 34.9

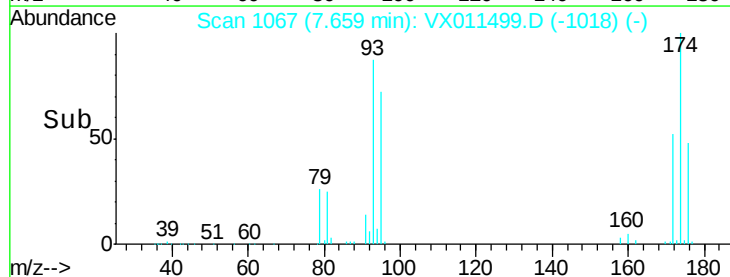
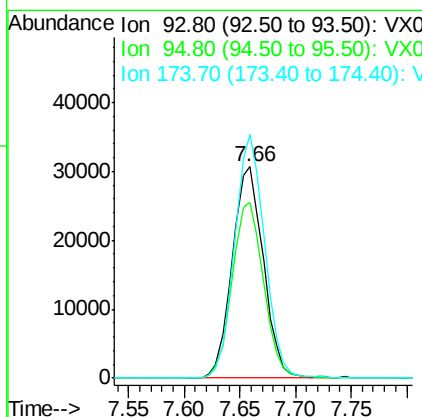
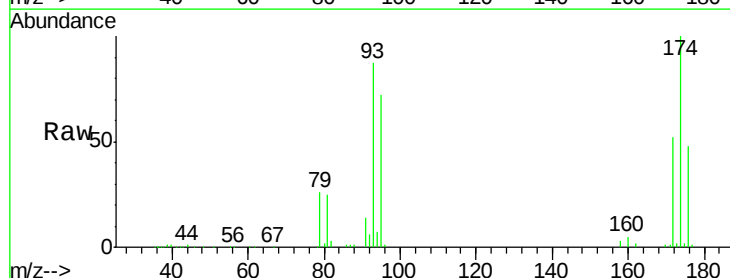
Manual Integrations
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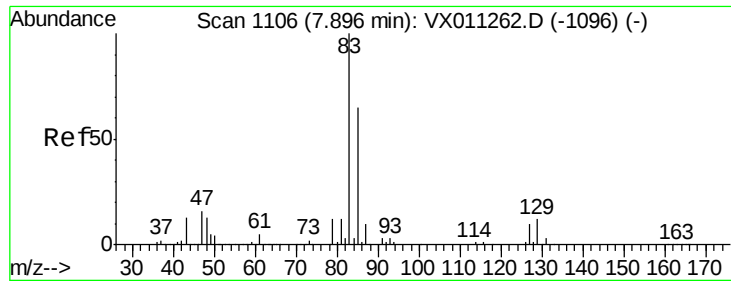
MMDadoda
 8/14/2019 9:12:36 AM



#46
 Dibromomethane
 Concen: 52.355 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 93 Resp: 59665
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 111.1 93.4 140.2





#47

Bromodichloromethane

Concen: 56.961 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

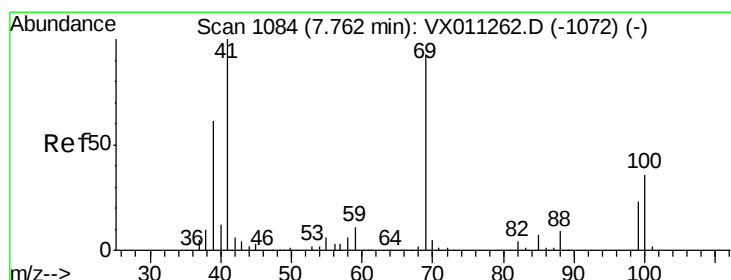
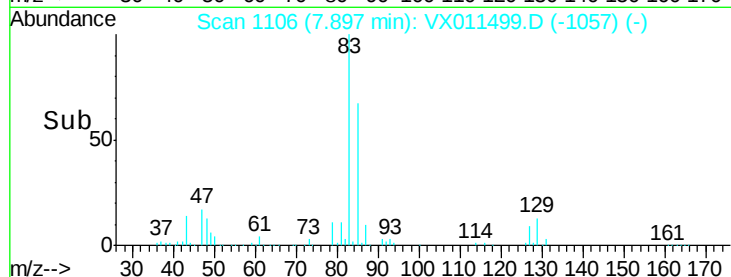
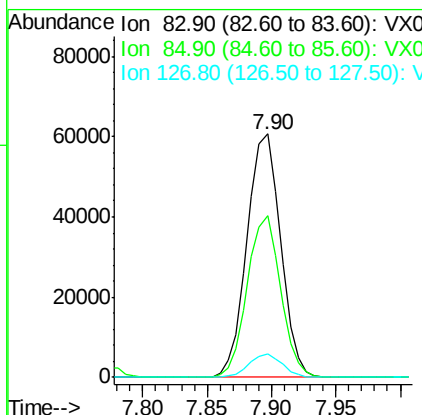
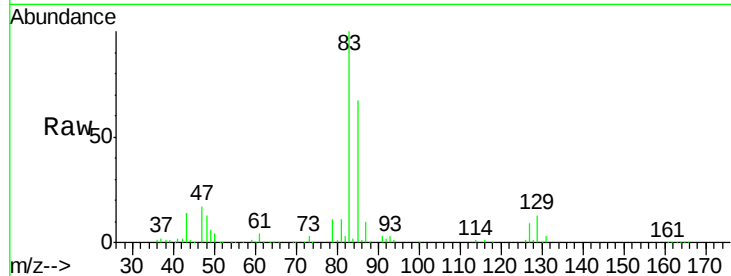
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	109904
Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.2	78.2
127	9.5	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.105 ug/l

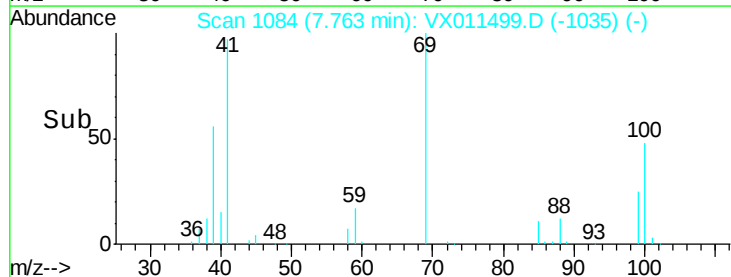
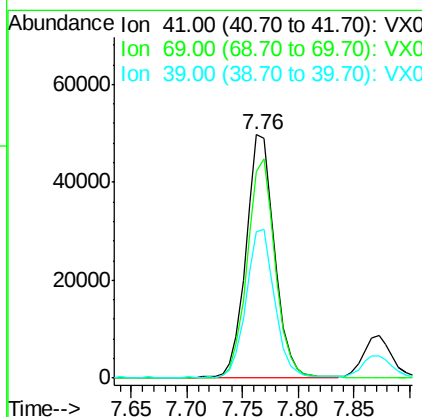
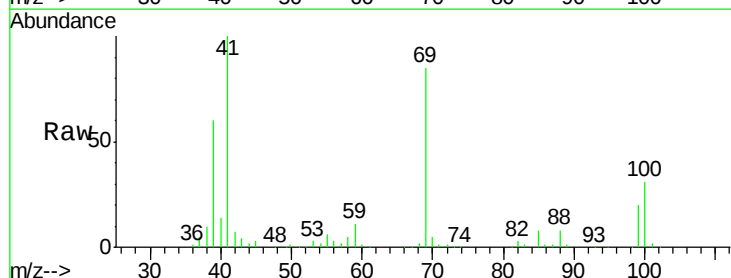
RT: 7.76 min Scan# 1084

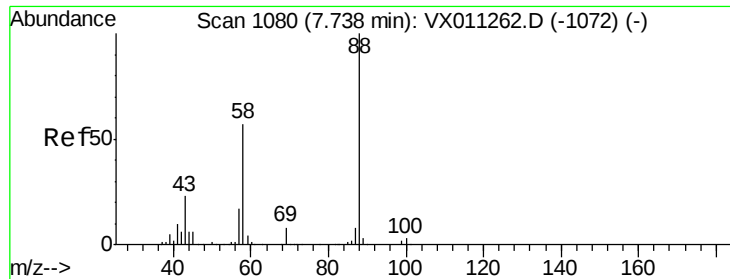
Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	41	Resp:	88581
Ion	Ratio	Lower	Upper
41	100		
69	88.9	74.5	111.7
39	60.8	48.6	72.8





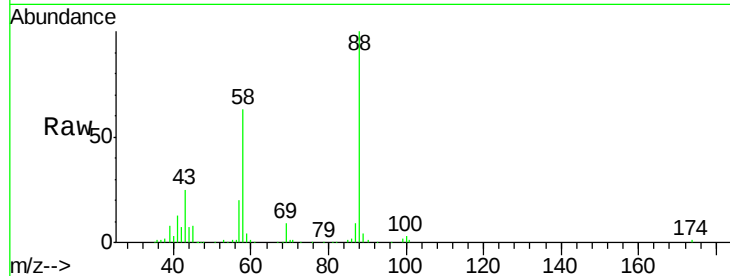
#49
1,4-Dioxane
Concen: 995.821 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	22.2	33.2
58	64.9	47.8	71.8

Manual Integrations
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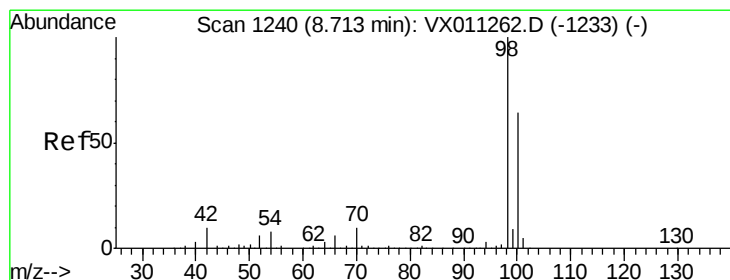
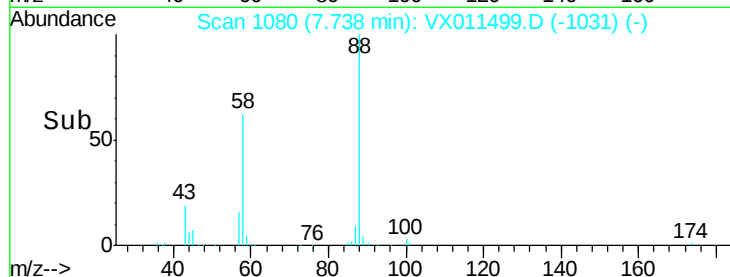
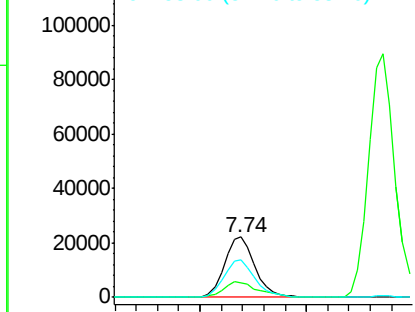


Abundance

Ion 88.00 (87.70 to 88.70): VX0

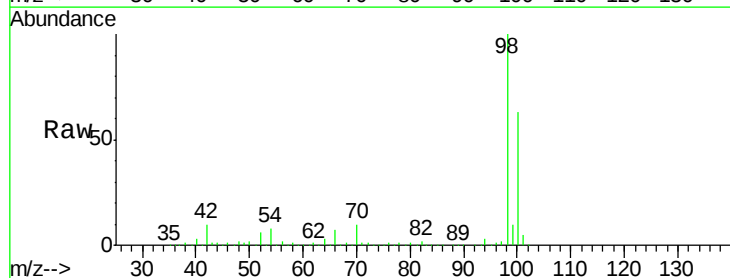
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.857 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

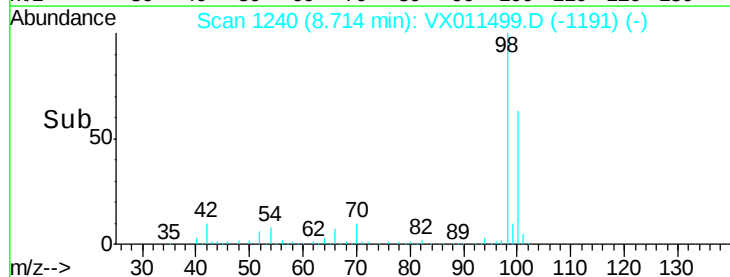
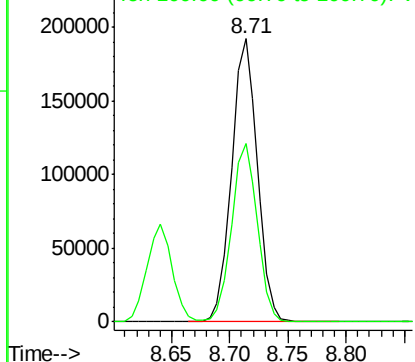
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.7	77.5



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





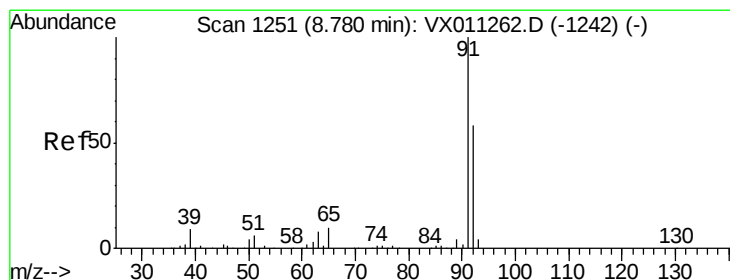
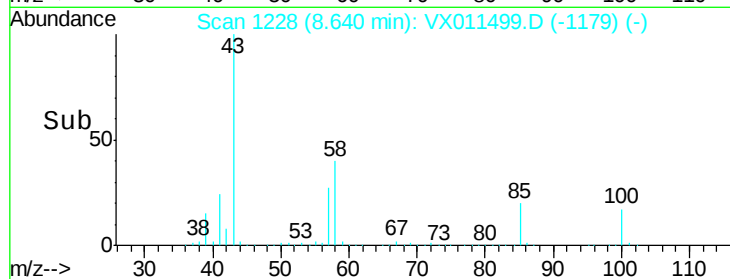
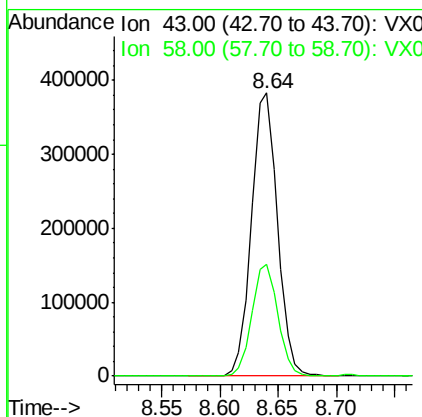
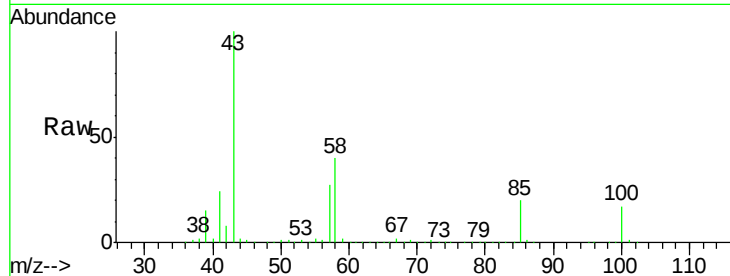
#51
 4-Methyl-2-Pentanone
 Concen: 286.291 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.7	32.3	48.5

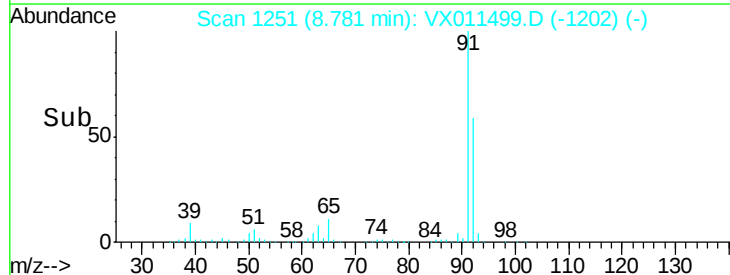
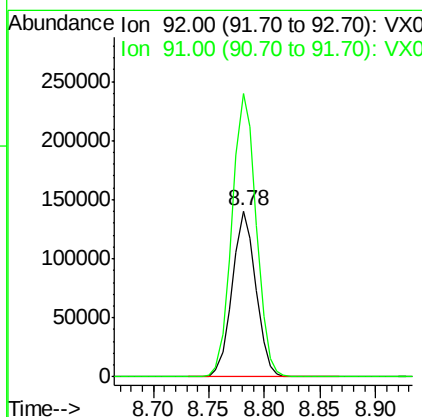
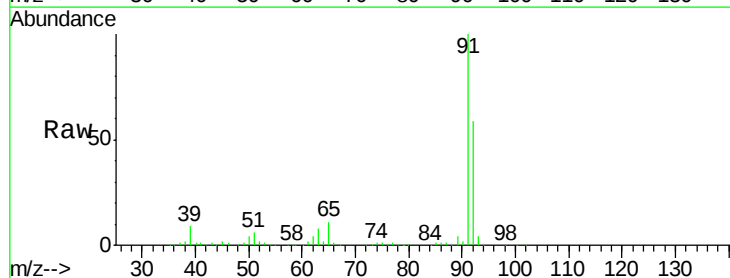
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#52
 Toluene
 Concen: 51.730 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.4	139.4	209.0





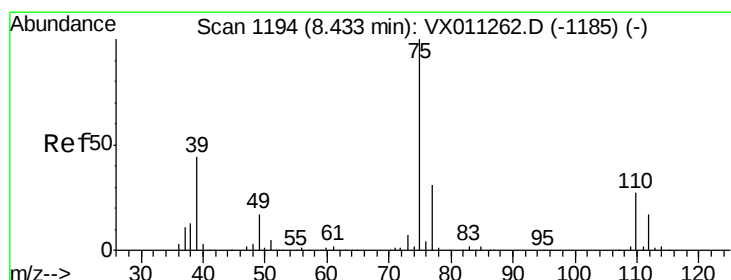
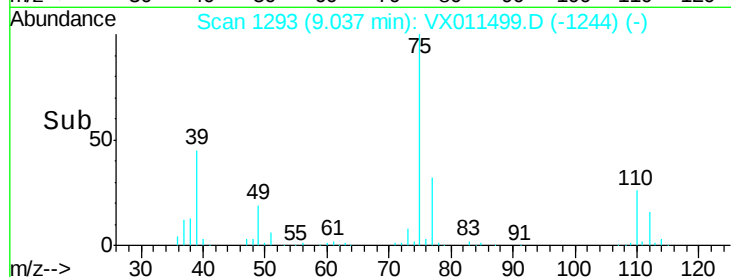
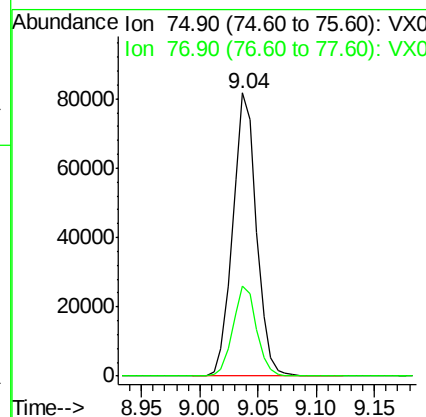
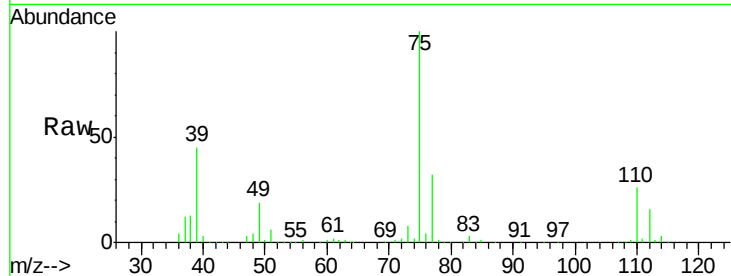
#53
t-1,3-Dichloropropene
Concen: 51.350 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 115568
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

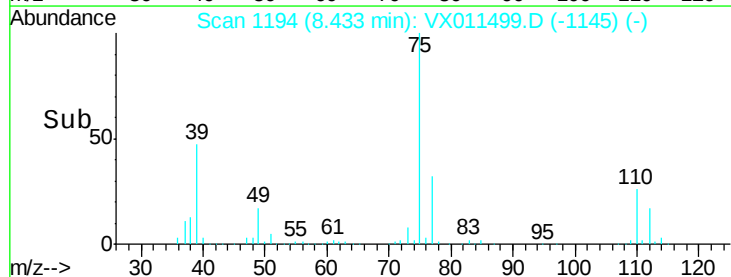
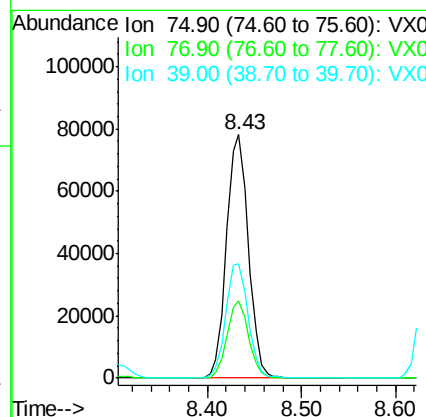
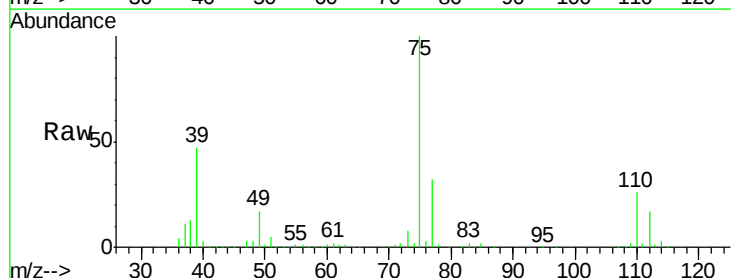
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 55.900 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 75 Resp: 125990
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 46.9 35.3 52.9





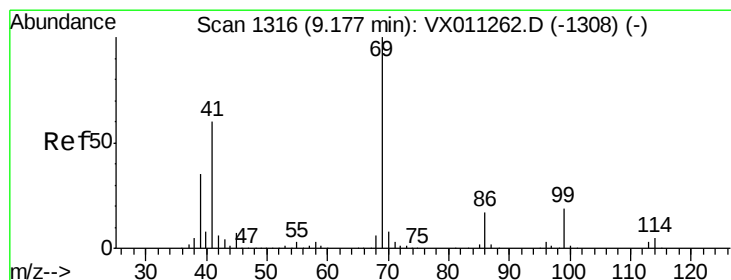
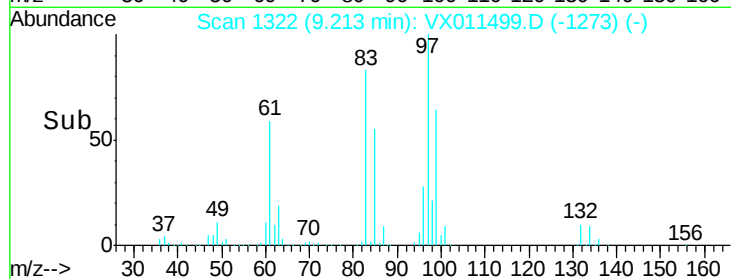
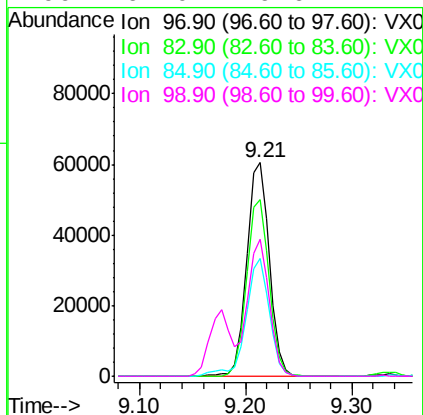
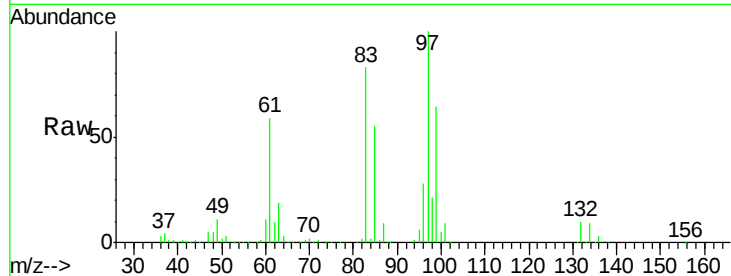
#55
 1,1,2-Trichloroethane
 Concen: 55.081 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.6	101.4
85	55.2	43.4	65.0
99	64.0	49.6	74.4

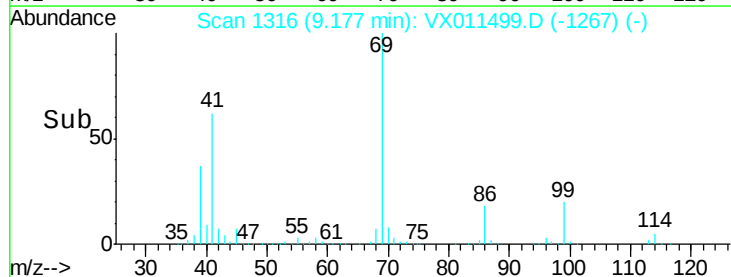
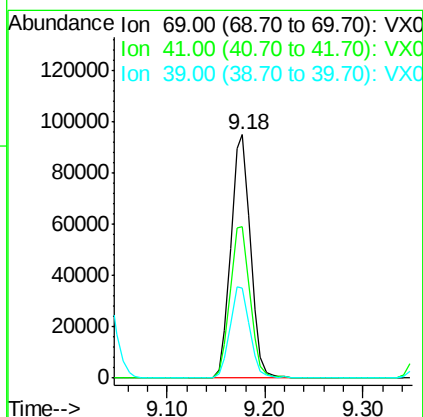
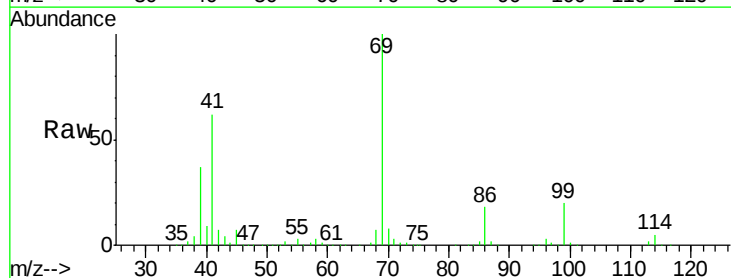
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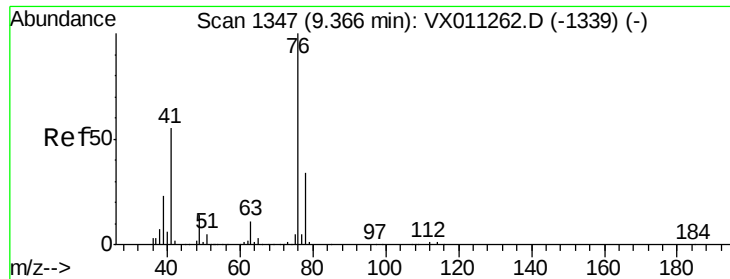
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#56
 Ethyl methacrylate
 Concen: 56.674 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.1	48.6	73.0
39	37.5	29.4	44.2





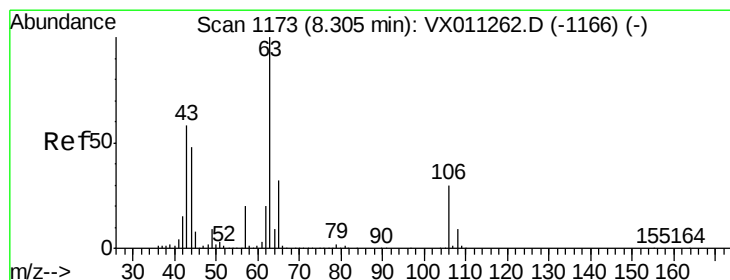
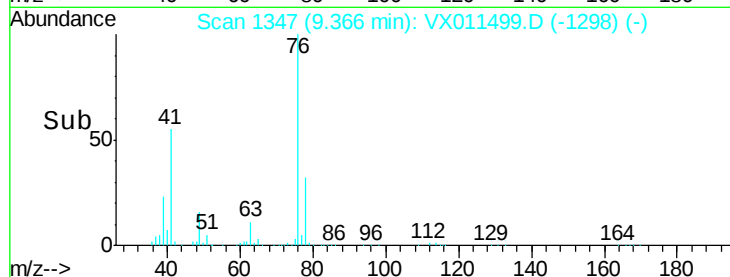
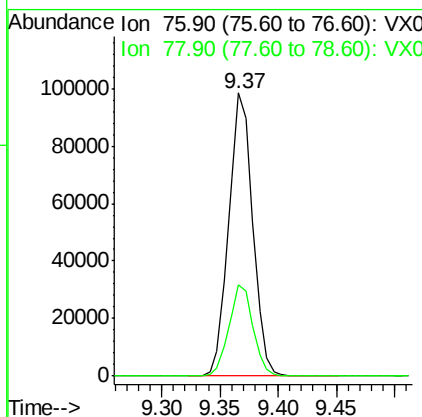
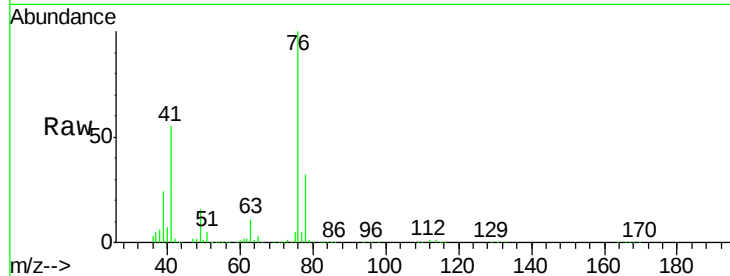
#57
 1,3-Dichloropropane
 Concen: 54.597 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 141486
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0

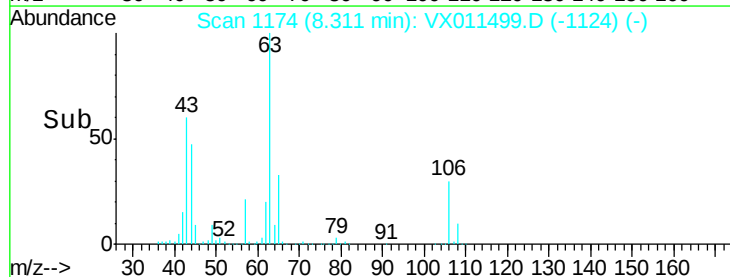
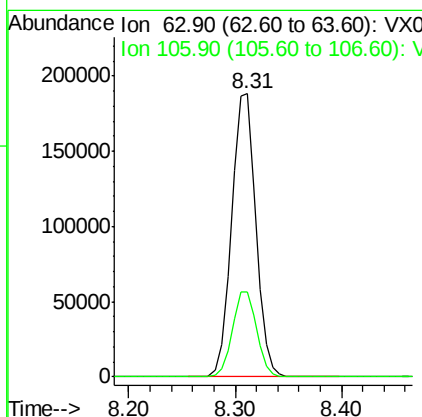
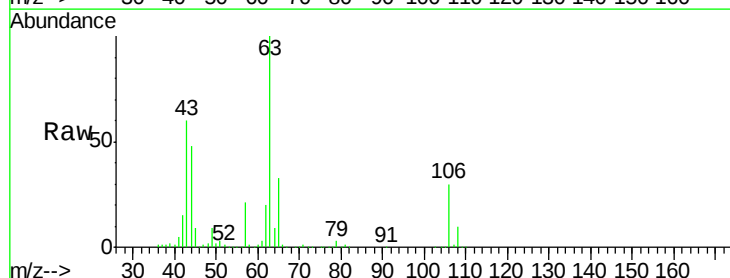
Manual Integrations
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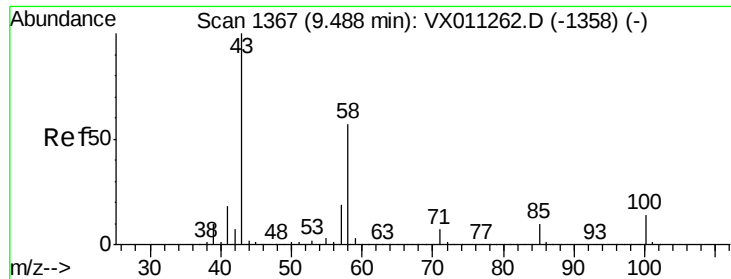
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.379 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 63 Resp: 301251
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.4 36.6





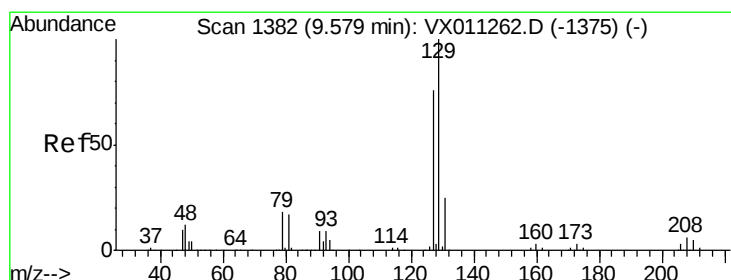
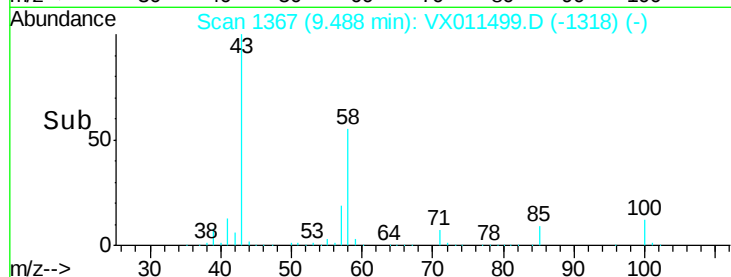
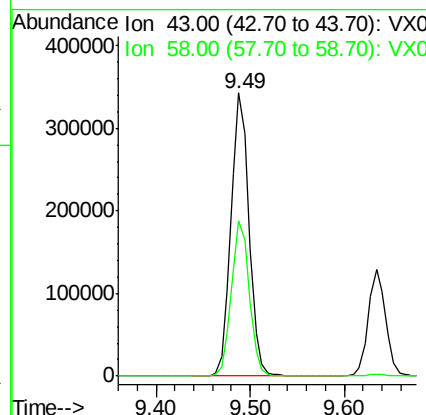
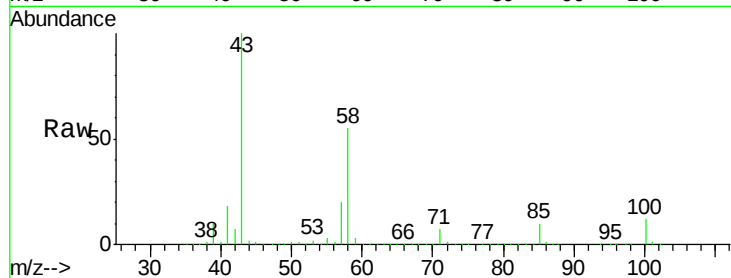
#59
2-Hexanone
Concen: 281.103 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 455188
Ion Ratio Lower Upper
43 100
58 54.9 28.2 84.6

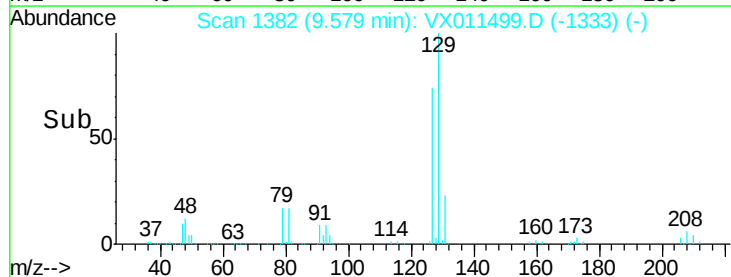
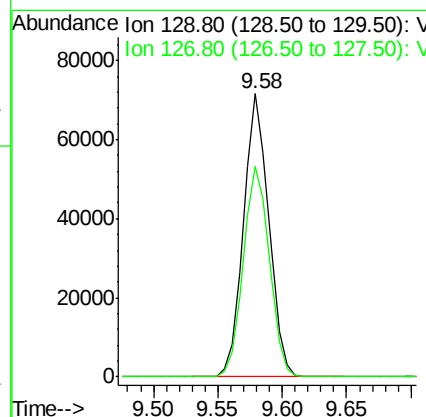
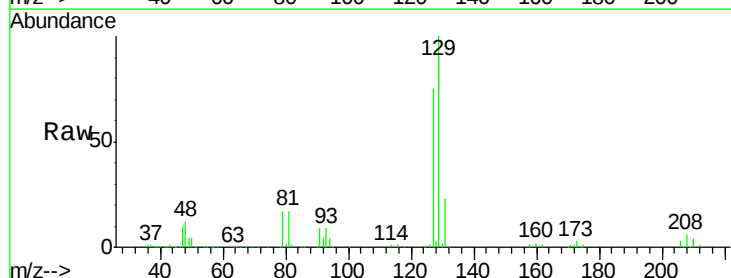
Manual Integrations
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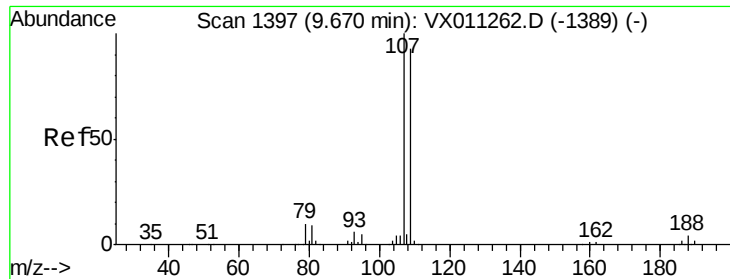
MMDadoda
8/14/2019 9:12:36 AM



#60
Dibromochloromethane
Concen: 57.828 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 129 Resp: 97014
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6





#61

1,2-Dibromoethane

Concen: 54.589 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 96642

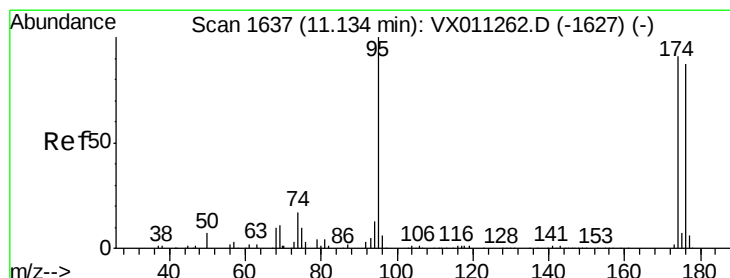
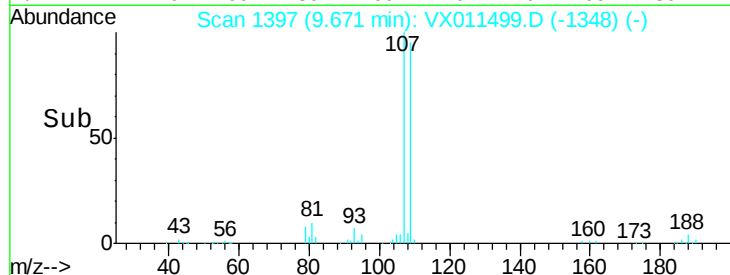
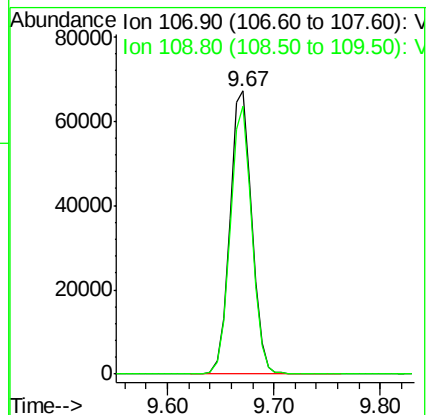
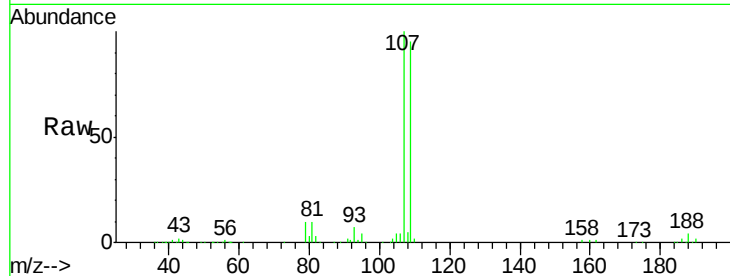
Ion Ratio Lower Upper

107 100

109 93.7 76.6 114.8

Manual Integrations
APPROVED

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8/14/2019 9:12:36 AM



#62

4-Bromofluorobenzene

Concen: 53.619 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

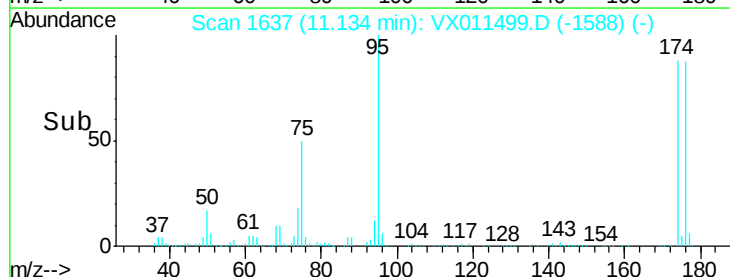
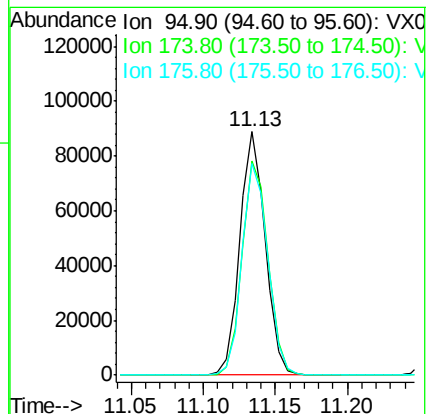
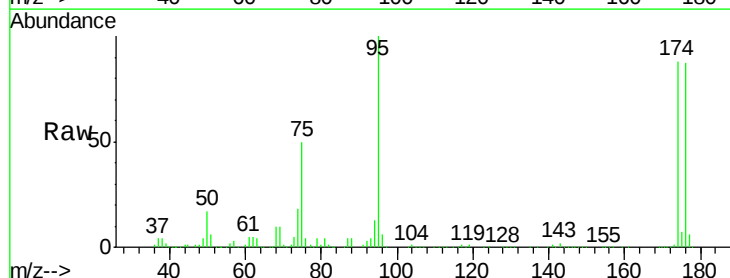
Tgt Ion: 95 Resp: 109148

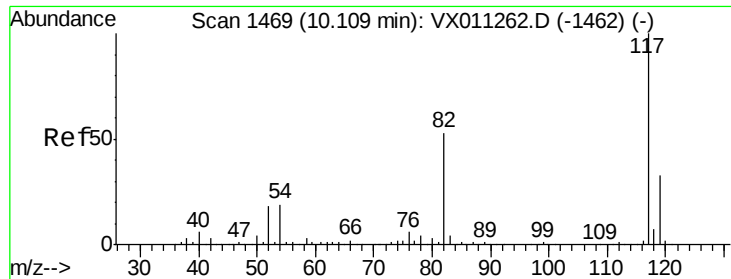
Ion Ratio Lower Upper

95 100

174 89.3 0.0 191.2

176 87.8 0.0 184.8





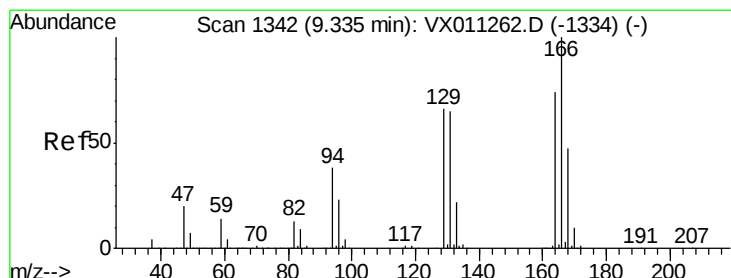
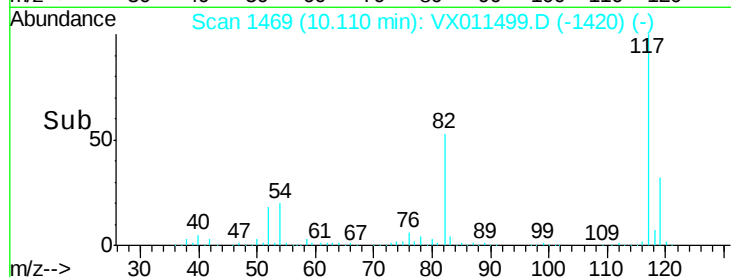
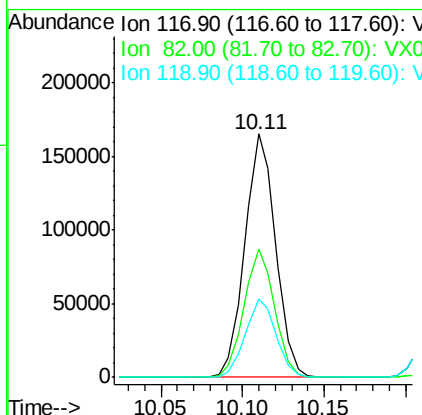
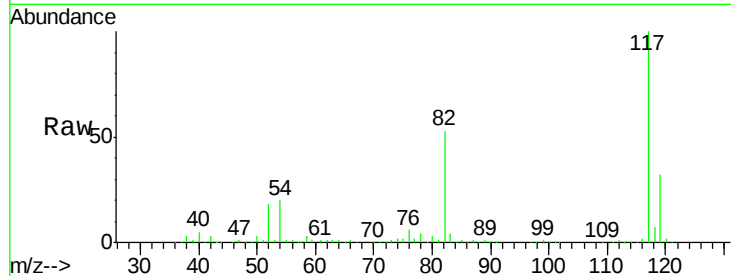
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	217576		
82	52.5		42.2	63.2
119	32.2		26.6	39.8

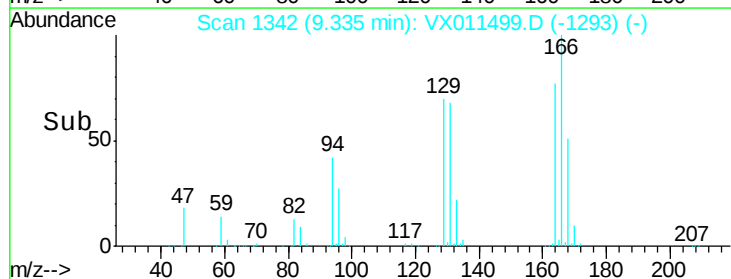
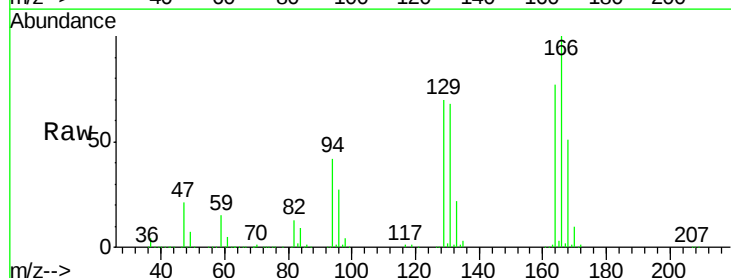
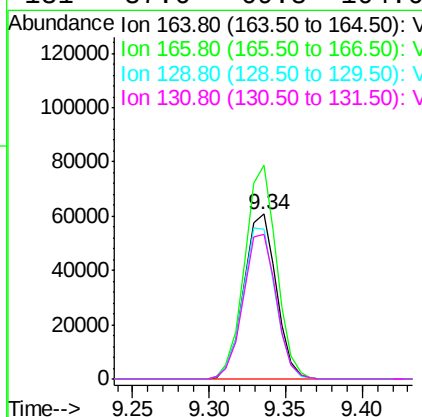
Manual Integrations
APPROVED

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8/14/2019 9:12:36 AM



#64
Tetrachloroethene
Concen: 48.435 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89496		
166	129.7		107.5	161.3
129	91.2		71.0	106.4
131	87.6		69.8	104.6





#65

Chlorobenzene

Concen: 50.366 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 234966

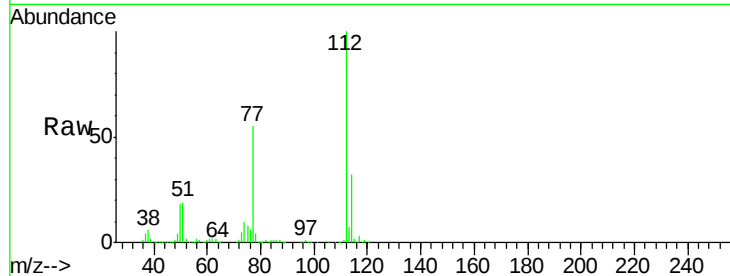
Ion Ratio Lower Upper

112 100

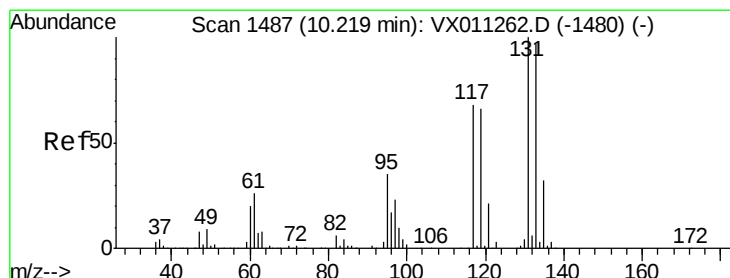
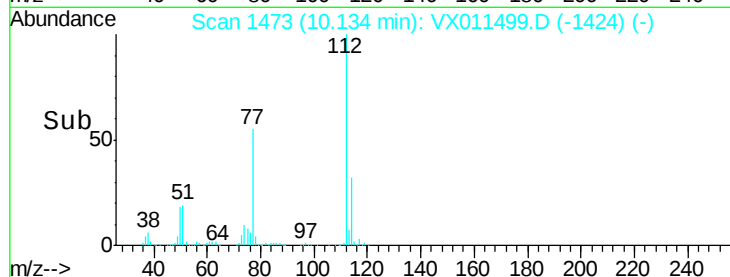
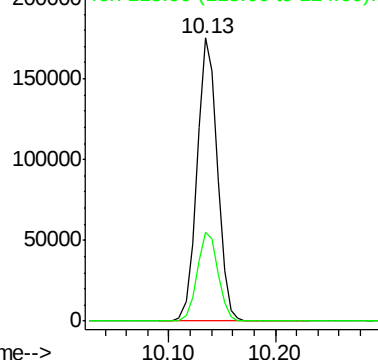
114 31.6 25.9 38.9

Manual Integrations
APPROVED

MMDadoda
8/14/2019 9:12:36 AM



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.279 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

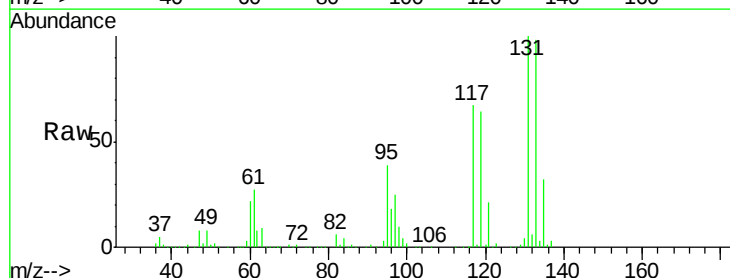
Tgt Ion:131 Resp: 89884

Ion Ratio Lower Upper

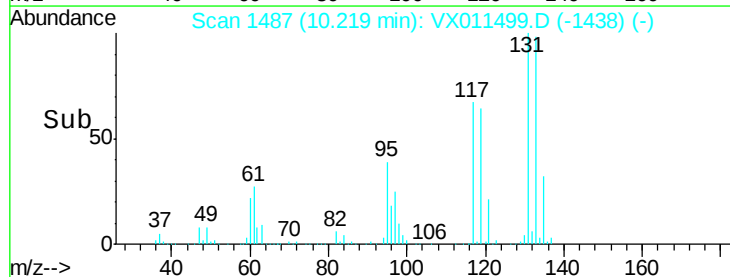
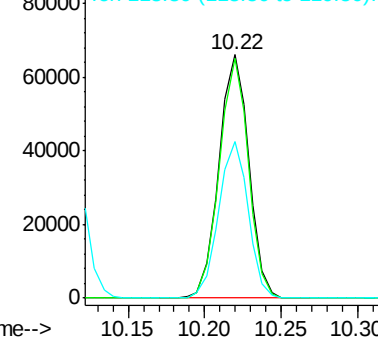
131 100

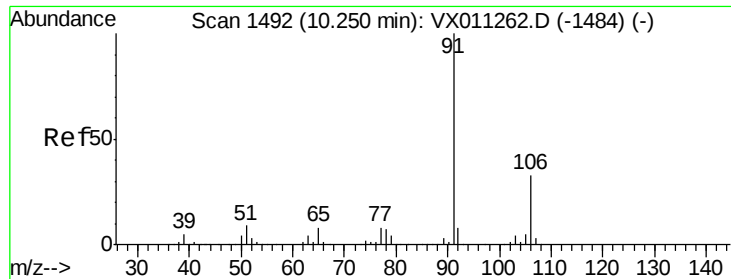
133 95.8 47.7 143.1

119 63.8 32.8 98.3



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





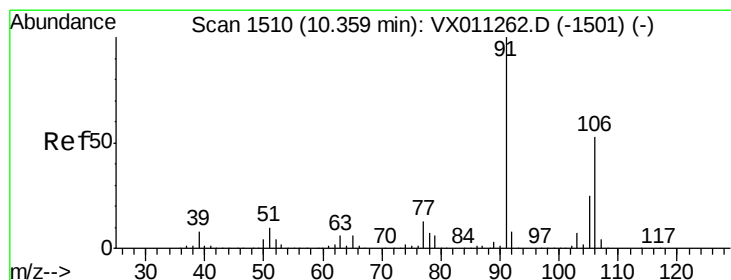
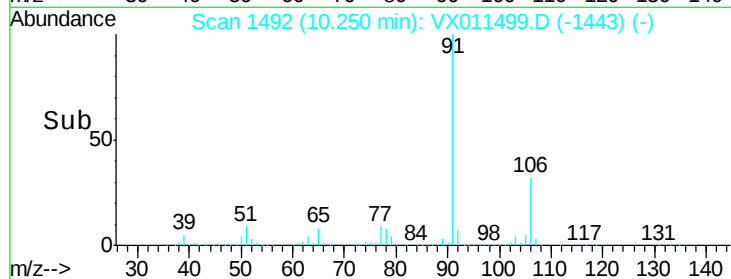
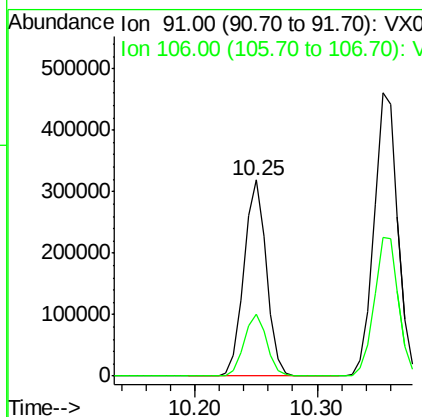
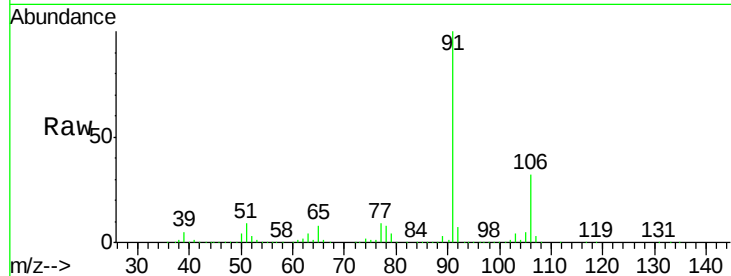
#67
Ethyl Benzene
Concen: 51.936 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 405771
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.4

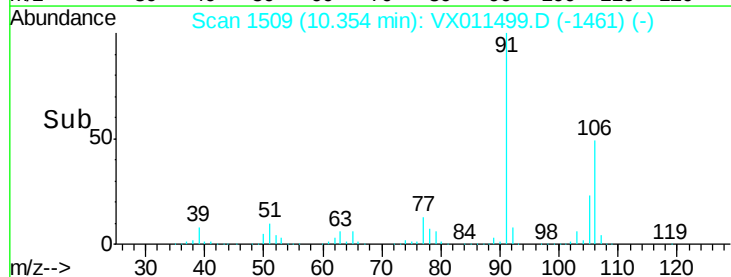
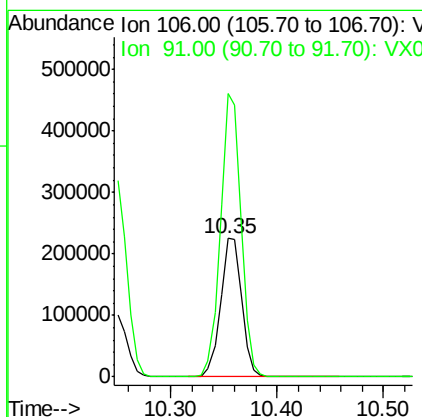
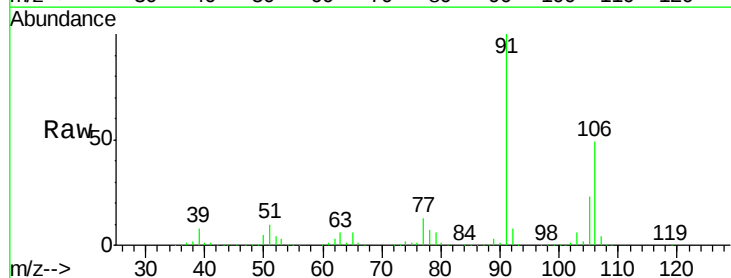
Manual Integrations
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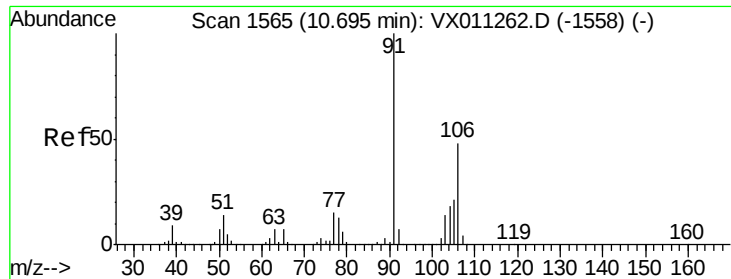
MMDadoda
8/14/2019 9:12:36 AM



#68
m/p-Xylenes
Concen: 102.948 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 106 Resp: 311111
Ion Ratio Lower Upper
106 100
91 199.7 155.9 233.9





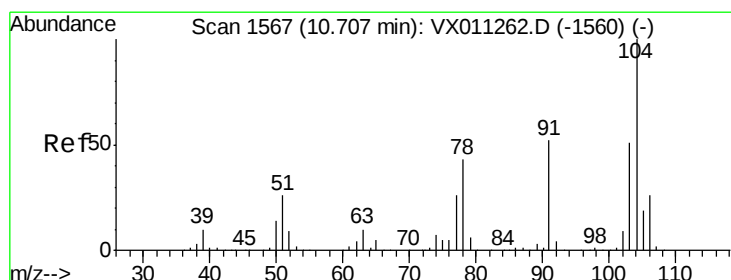
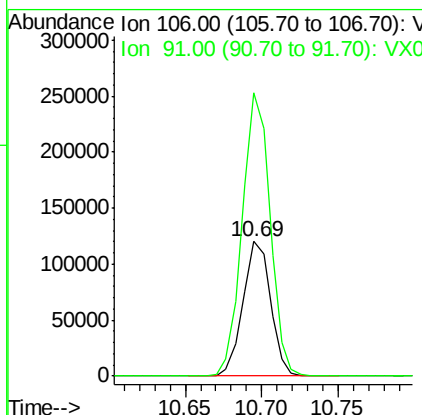
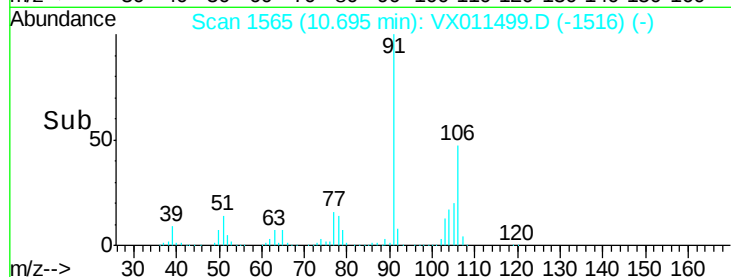
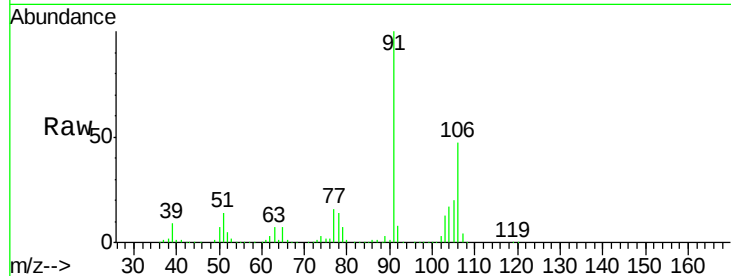
#69
o-Xylene
Concen: 51.157 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	211.0	103.8	151897	311.3	

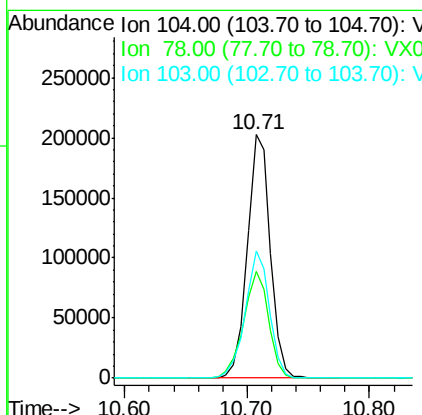
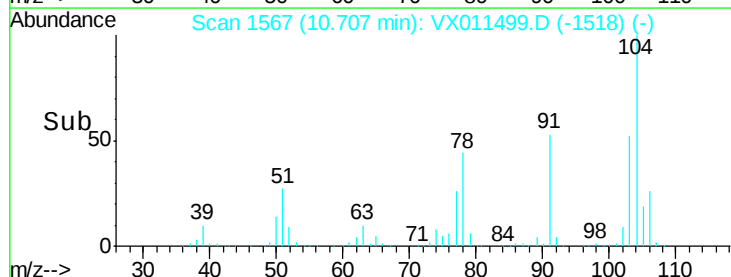
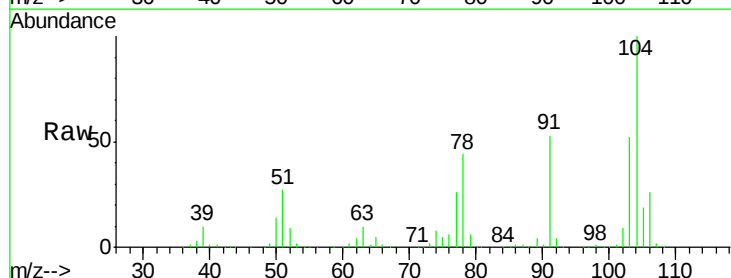
Manual Integrations
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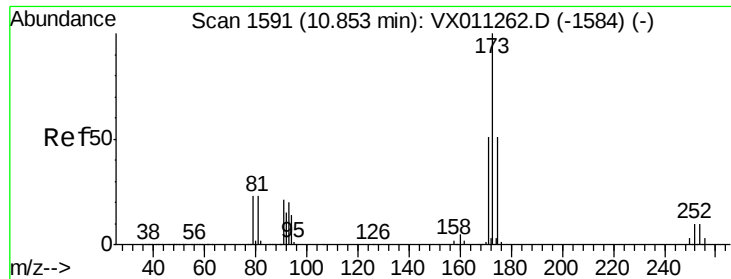
MMDadoda
8/14/2019 9:12:36 AM



#70
Styrene
Concen: 53.770 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.0	36.9	264176	55.3	
103	55.2	44.4		66.6	





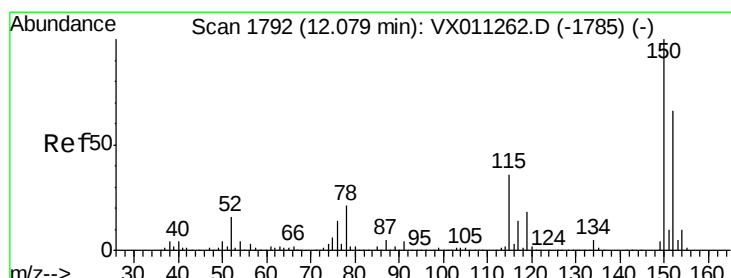
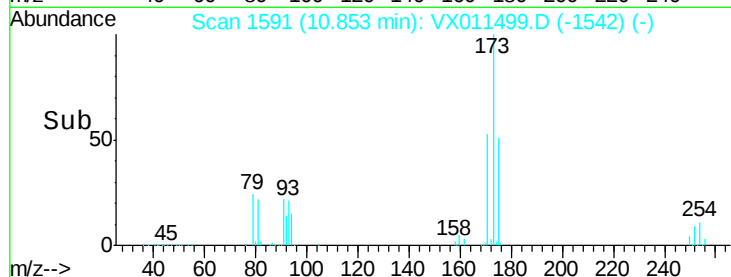
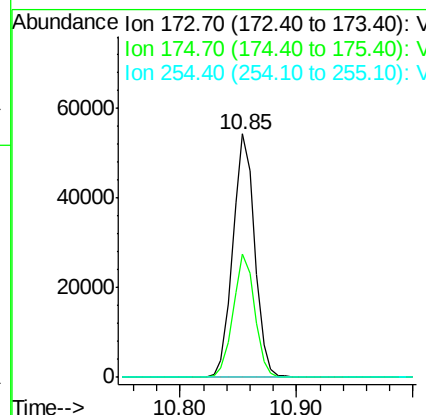
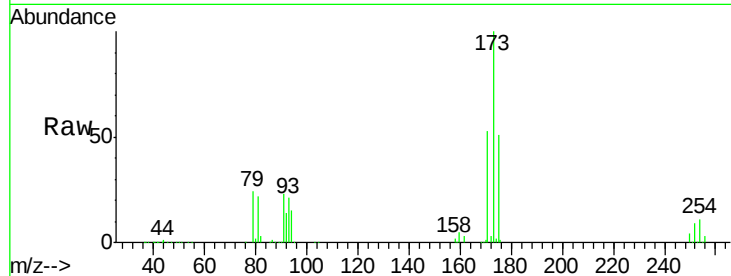
#71
Bromoform
Concen: 49.682 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.4	73.4
254	0.1	0.2	0.2

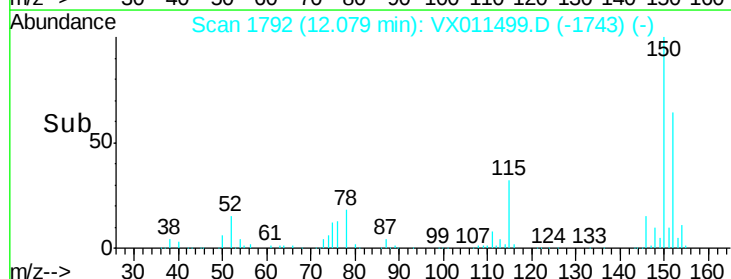
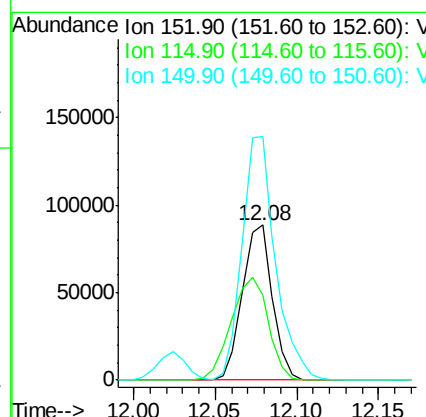
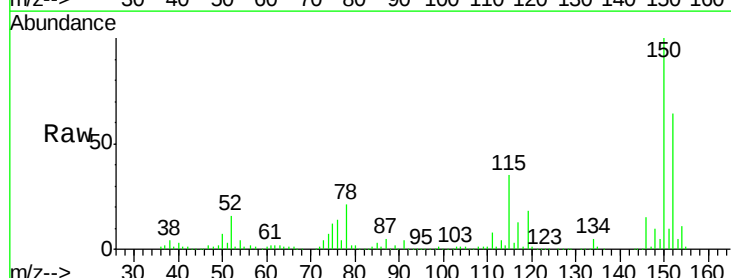
Manual Integrations
APPROVED

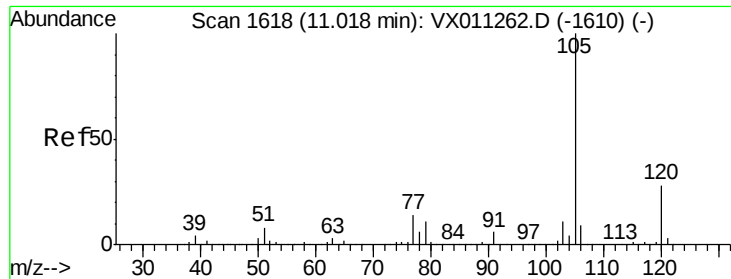
MMDadoda
8/14/2019 9:12:36 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.9	40.0	119.9
150	174.9	0.0	350.4





#73

Isopropylbenzene

Concen: 53.644 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 417079

Ion Ratio Lower Upper

105 100

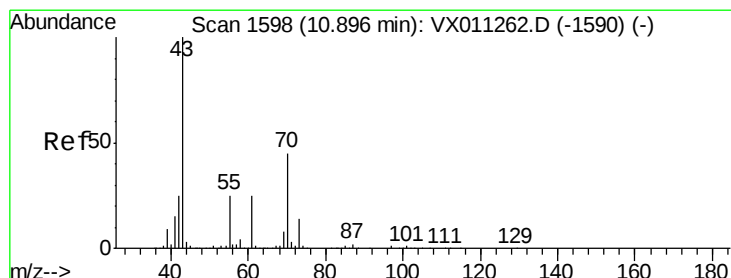
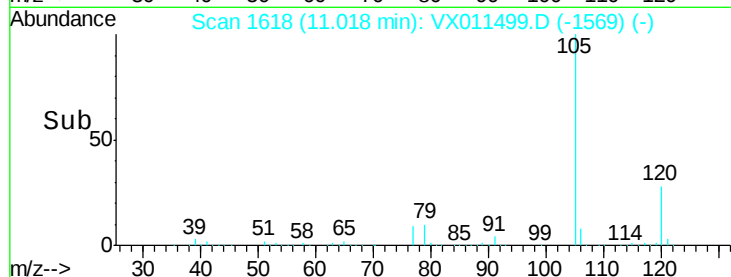
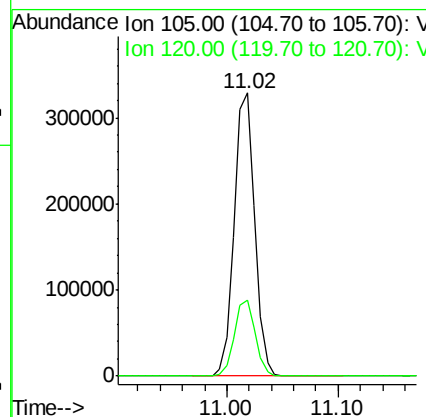
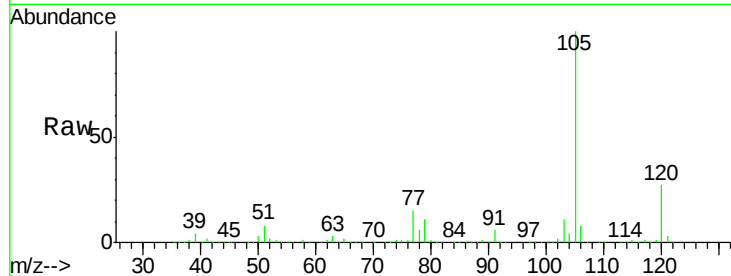
120 27.1 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 57.424 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Tgt Ion: 43 Resp: 161323

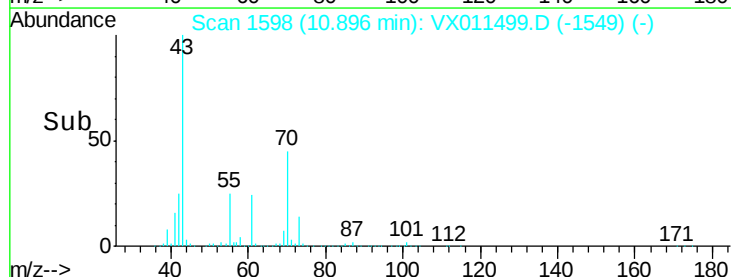
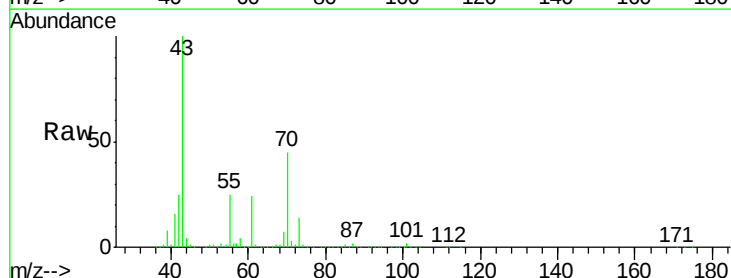
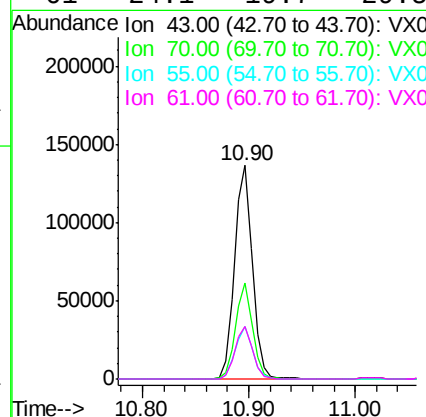
Ion Ratio Lower Upper

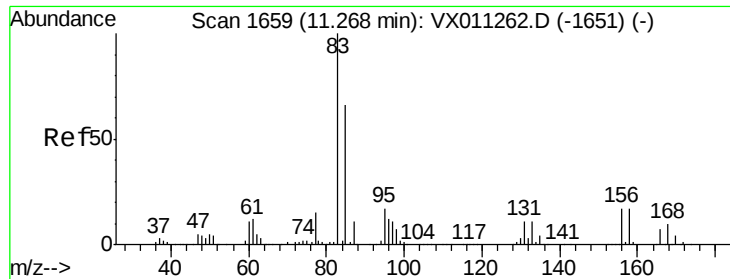
43 100

70 43.1 35.9 53.9

55 24.7 19.8 29.6

61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.974 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

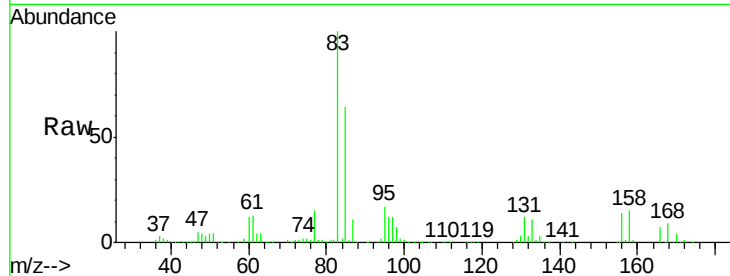
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	137256
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.6	16.8
85	64.7	32.1	96.5

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

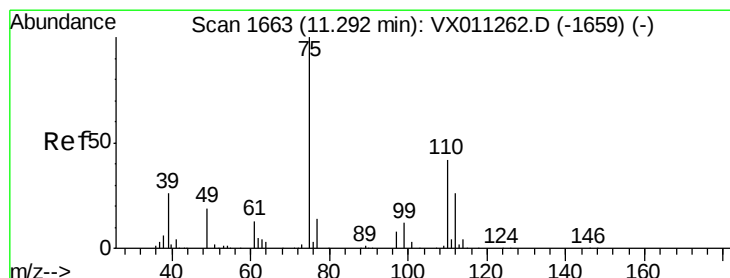
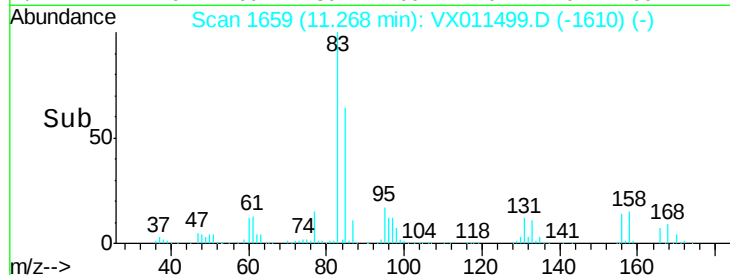
11.27

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 56.712 ug/l m

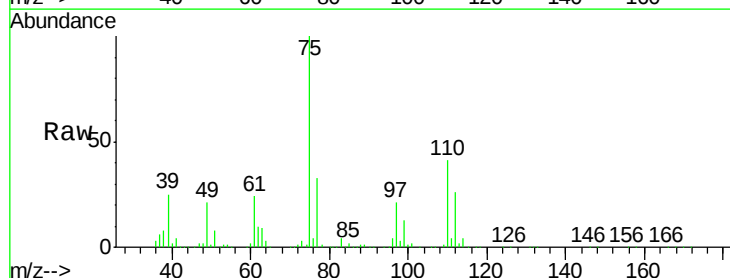
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	75	Resp:	117408
Ion Ratio	Lower	Upper	
75	100		
77	40.9	21.1	63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

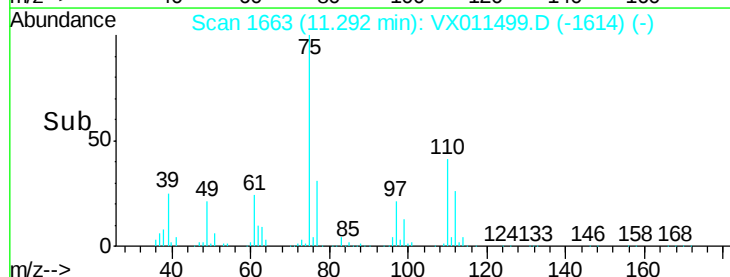
11.29

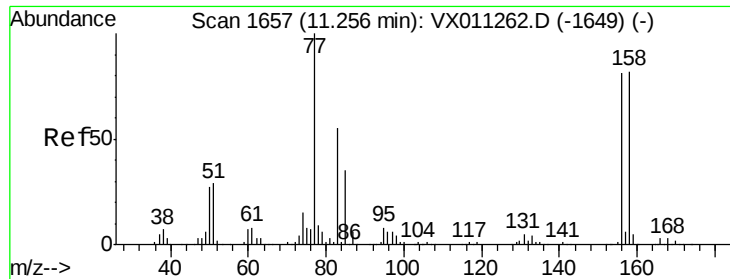
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 51.742 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

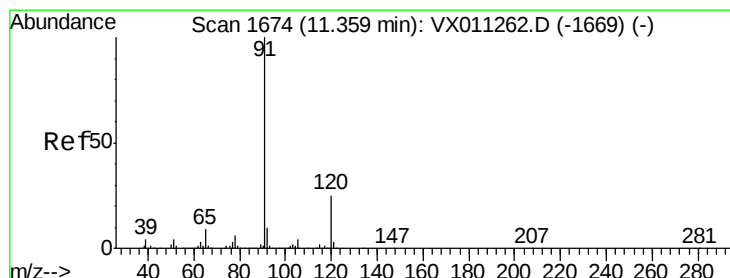
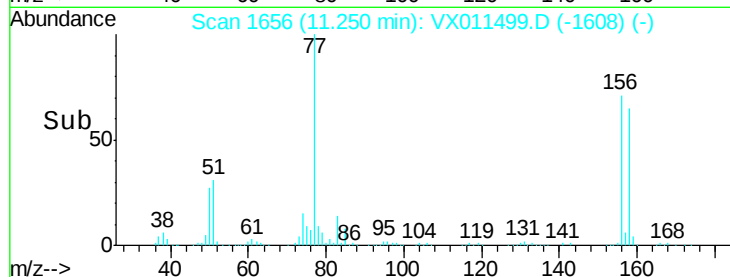
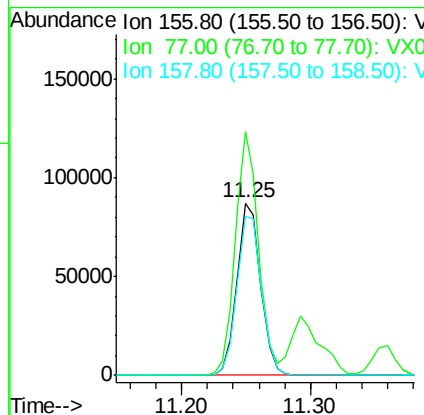
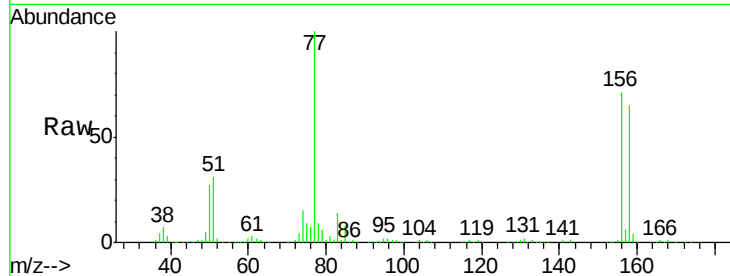
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	111552
Ion Ratio	Lower	Upper	
156	100		
77	139.0	66.2	198.6
158	96.4	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 53.246 ug/l

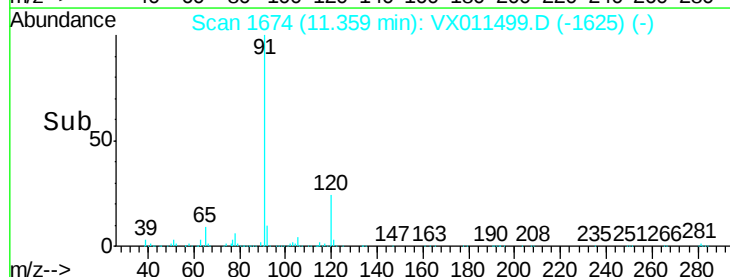
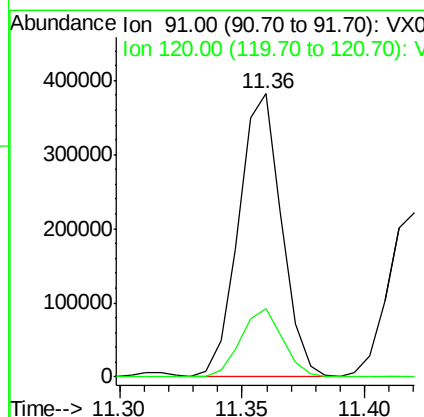
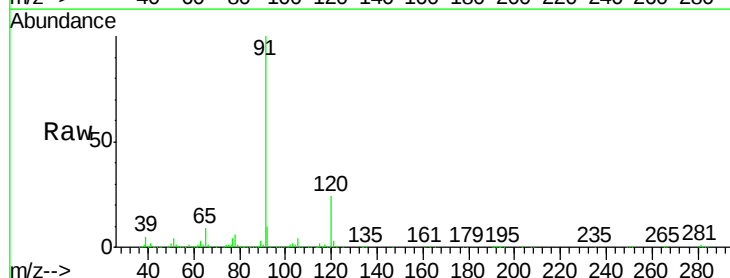
RT: 11.36 min Scan# 1674

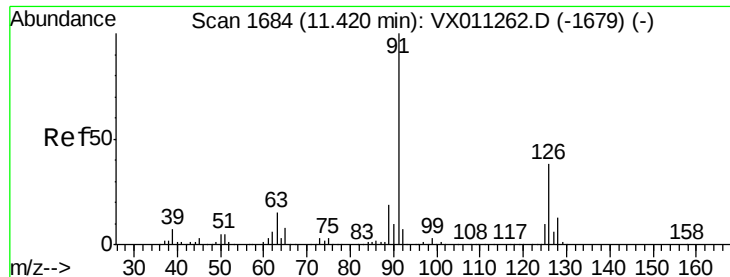
Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	91	Resp:	460377
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.4	37.0





#79

2-Chlorotoluene

Concen: 52.893 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 272577

Ion Ratio Lower Upper

91 100

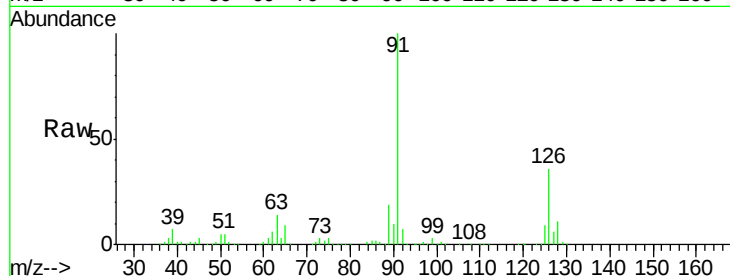
126 36.1 18.5 55.5

Manual Integrations

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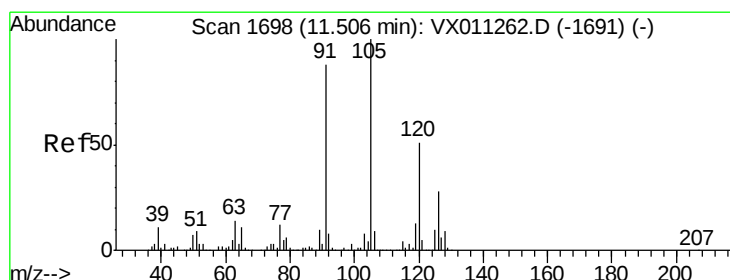
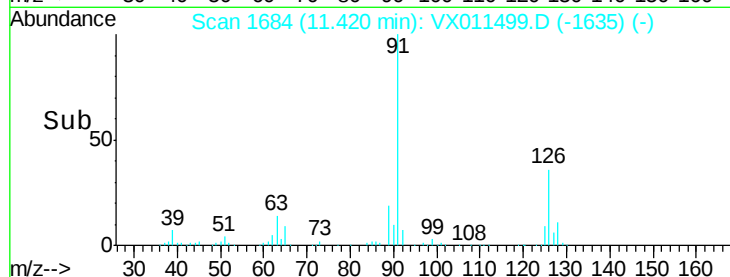
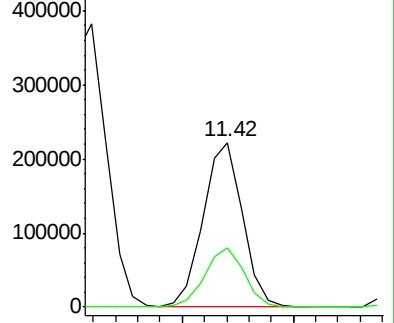
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.190 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011499.D

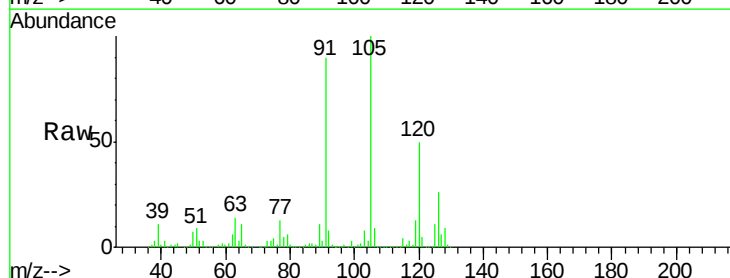
Acq: 12 Aug 2019 21:43

Tgt Ion:105 Resp: 346180

Ion Ratio Lower Upper

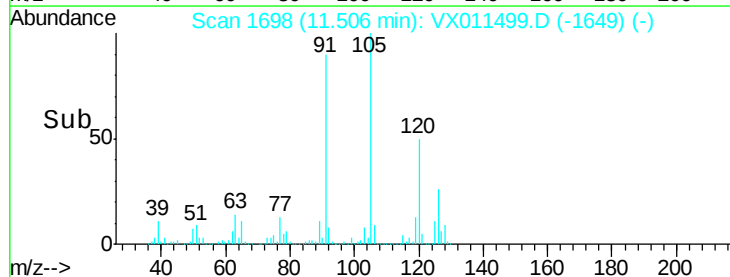
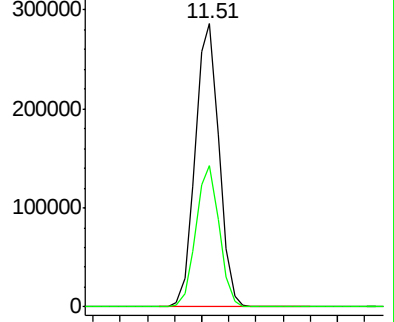
105 100

120 49.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





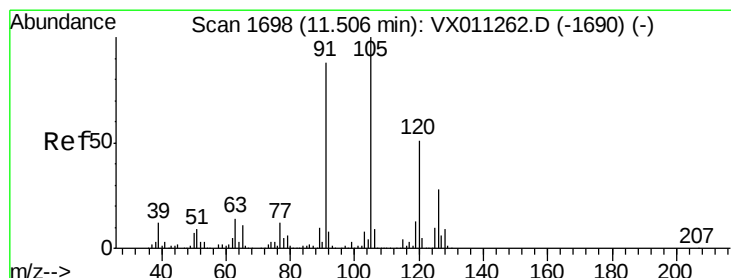
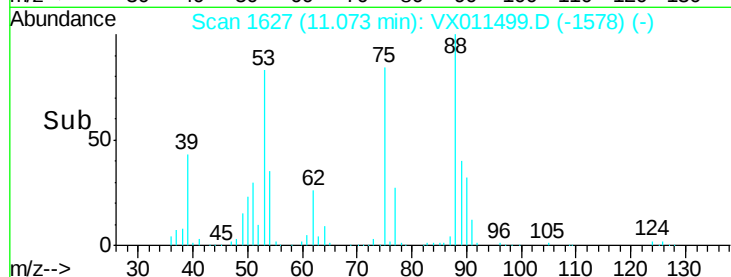
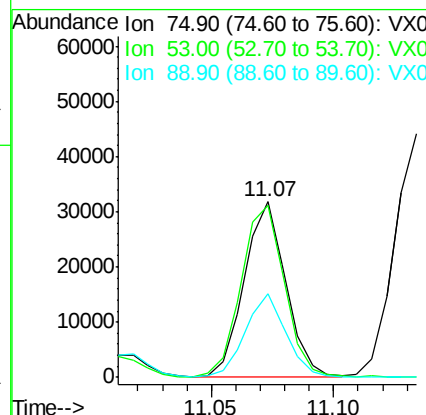
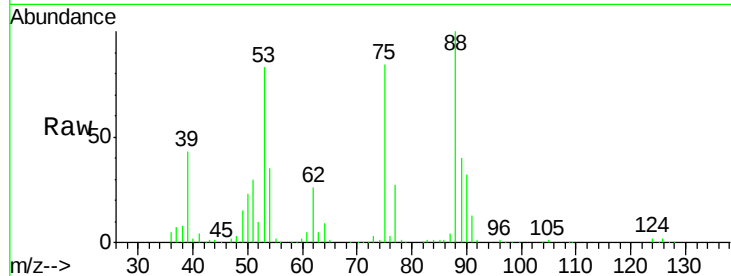
#81
trans-1,4-Dichloro-2-butene
Concen: 48.072 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.5	78.2	117.4
89	47.0	37.9	56.9

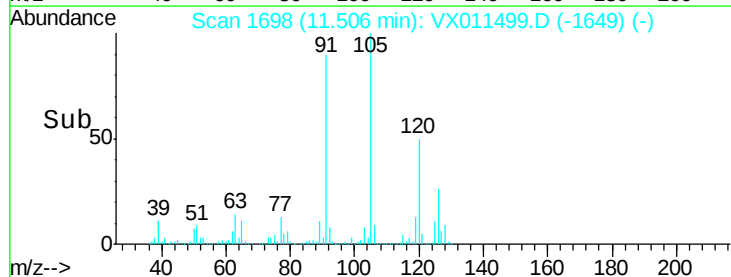
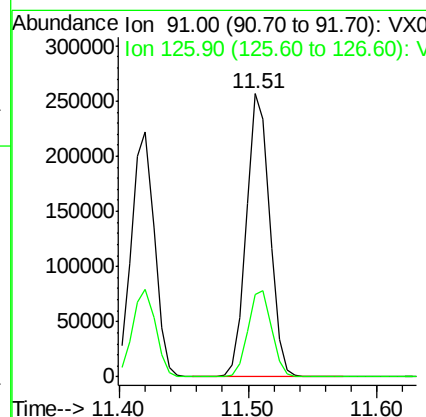
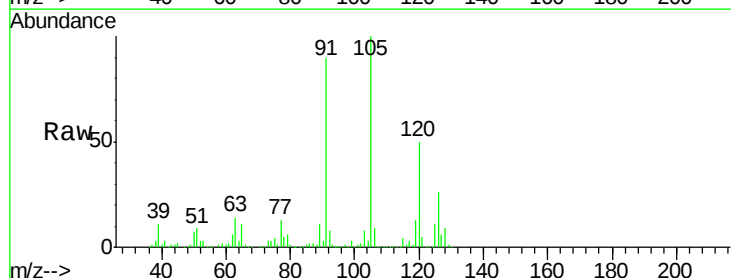
Manual Integrations
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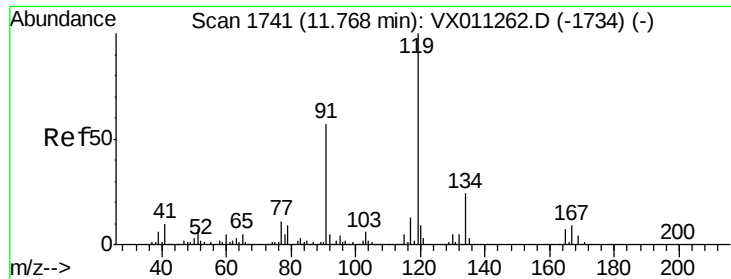
MMDadoda
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#82
4-Chlorotoluene
Concen: 53.197 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	16.4	49.2





#83

tert-Butylbenzene

Concen: 53.512 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

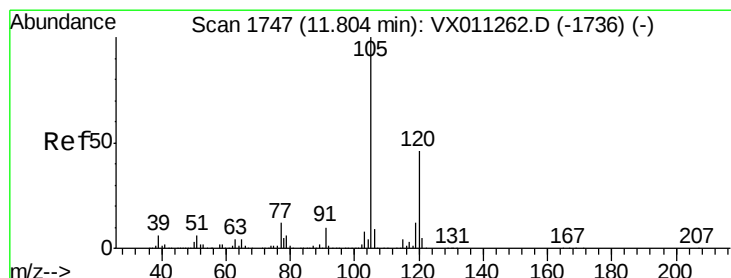
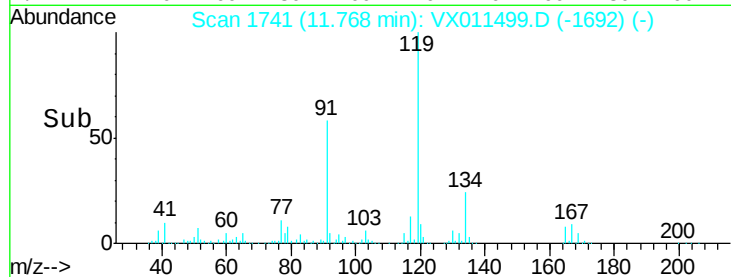
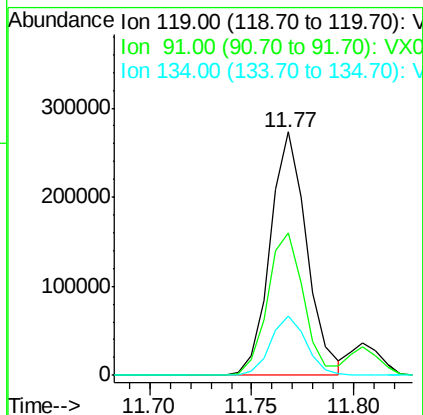
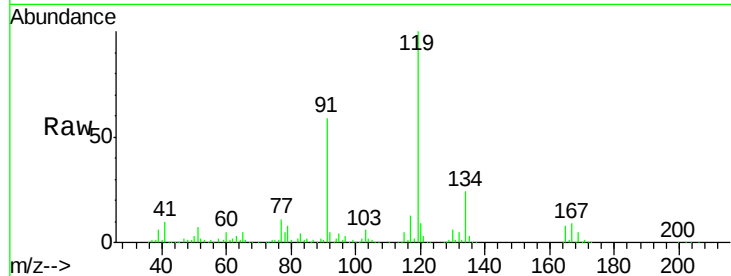
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	341584
Ion Ratio	Lower	Upper	
119	100		
91	58.4	28.0	84.0
134	23.7	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 53.893 ug/l

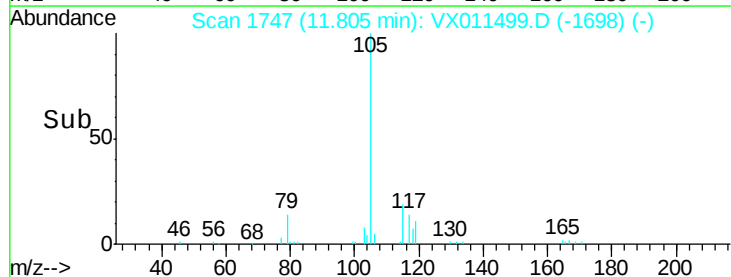
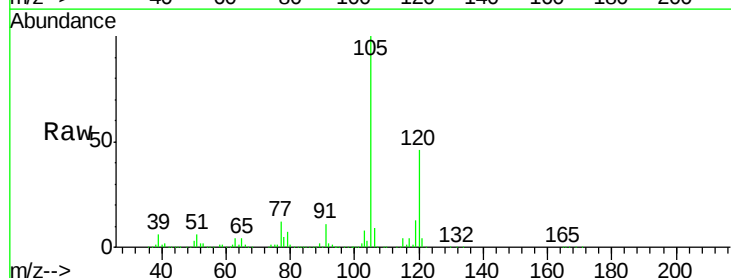
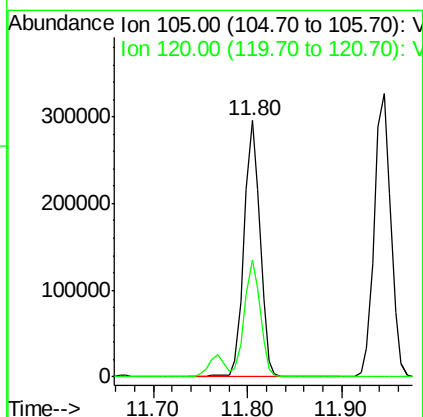
RT: 11.80 min Scan# 1747

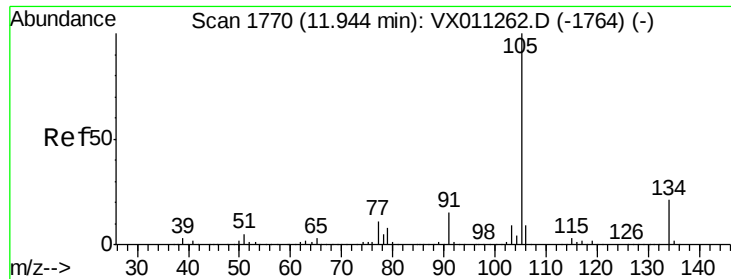
Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	105	Resp:	349226
Ion Ratio	Lower	Upper	
105	100		
120	45.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 51.879 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 397873

Ion Ratio Lower Upper

105 100

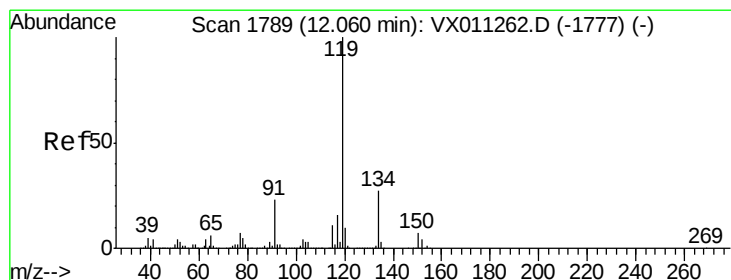
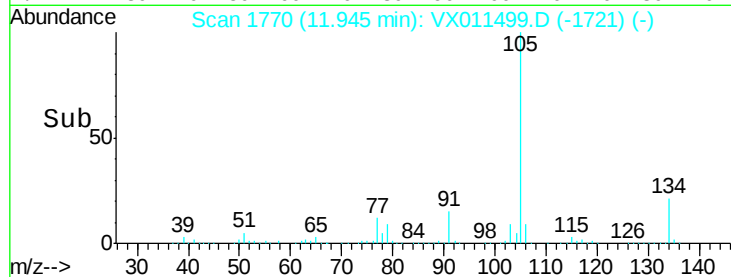
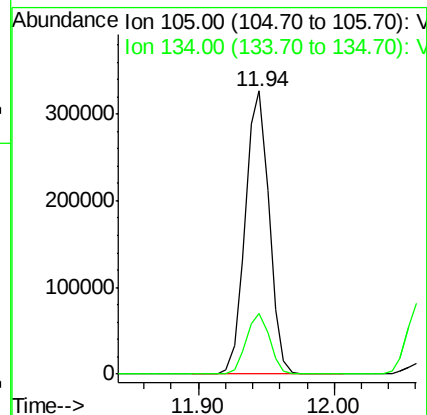
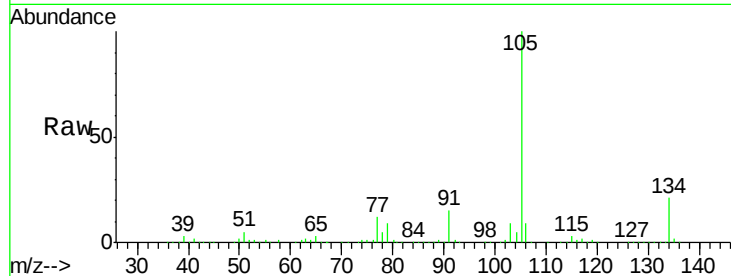
134 21.2 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.448 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

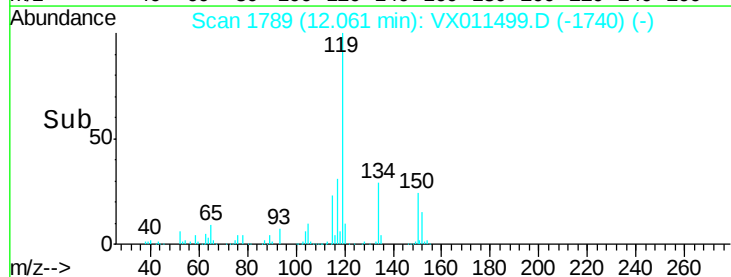
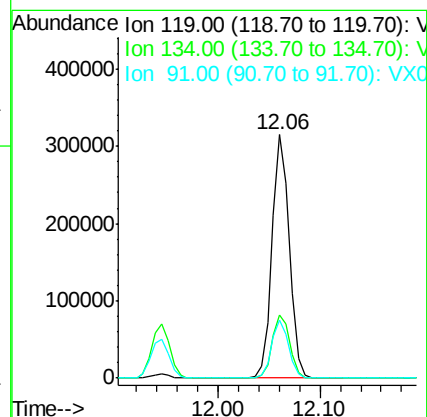
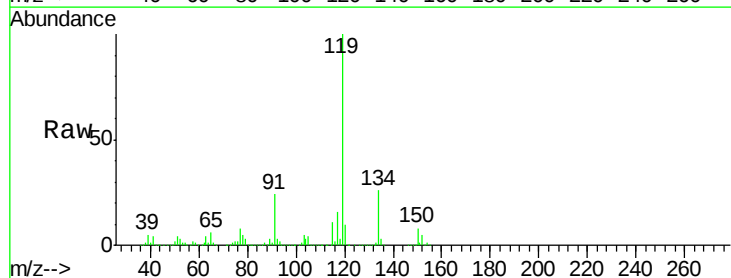
Tgt Ion:119 Resp: 370044

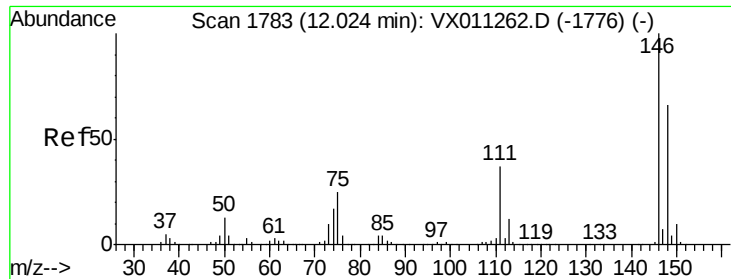
Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.0

91 23.7 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 51.787 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_X

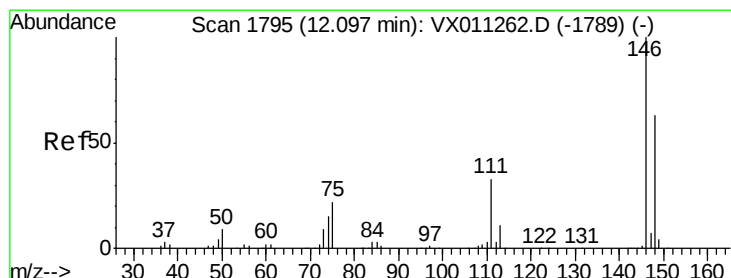
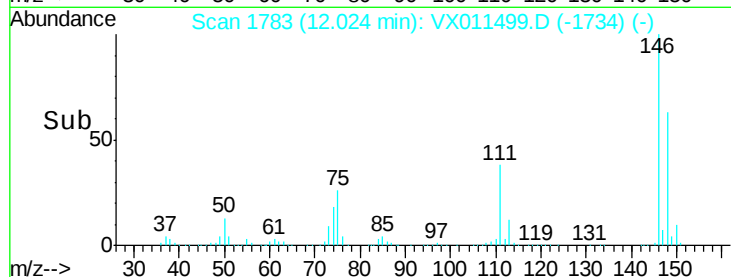
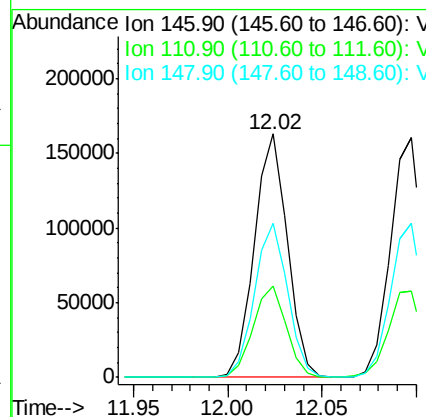
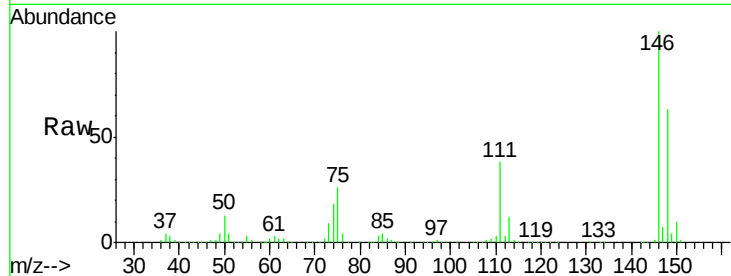
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	197276
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.6	55.8
148	63.6	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.061 ug/l

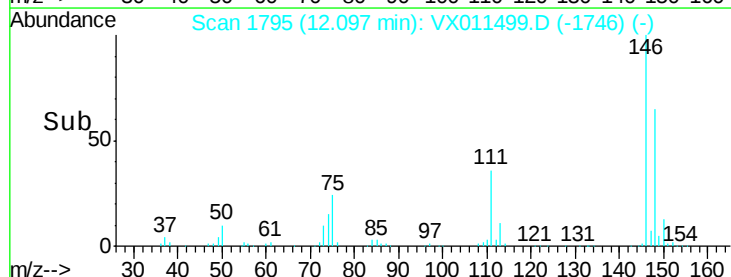
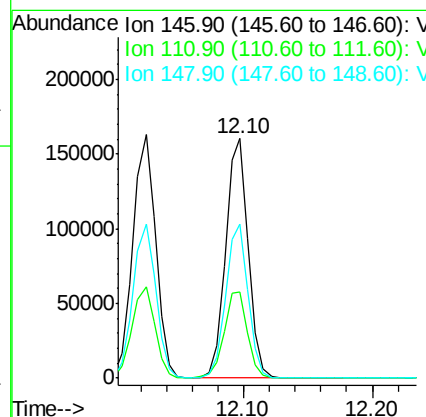
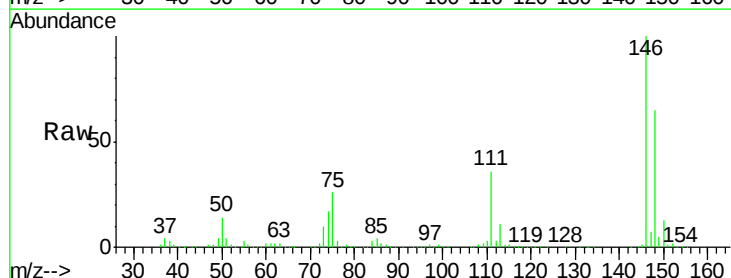
RT: 12.10 min Scan# 1795

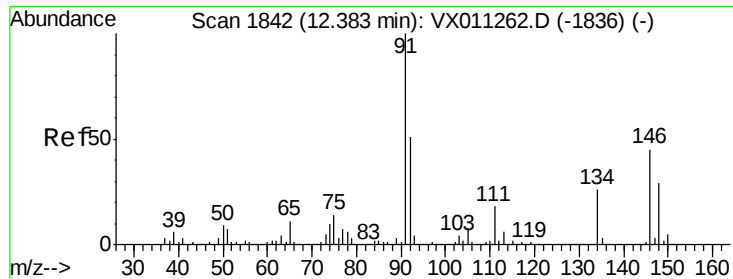
Delta R.T. 0.00 min

Lab File: VX011499.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	146	Resp:	196644
Ion Ratio	Lower	Upper	
146	100		
111	37.5	17.8	53.4
148	64.4	31.8	95.3





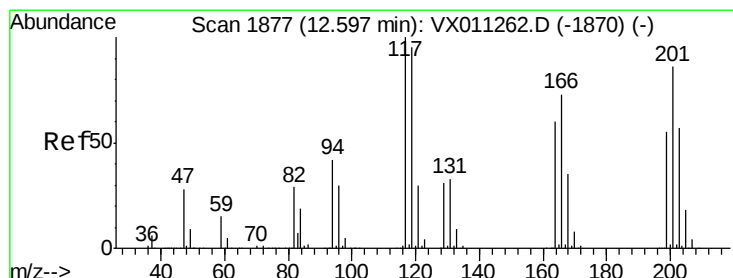
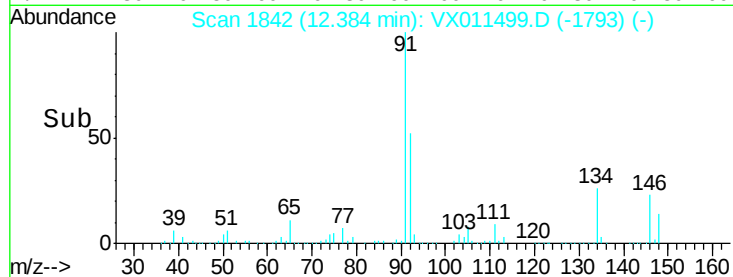
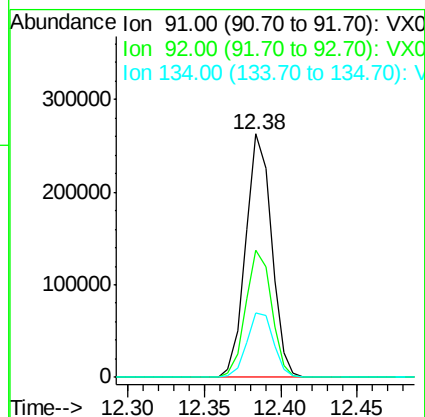
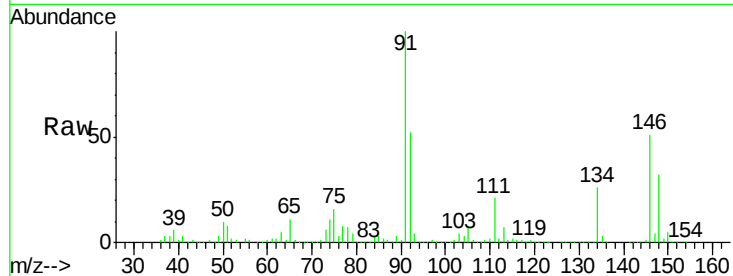
#89
n-Butylbenzene
Concen: 50.886 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	309313		
92	52.3		25.8	77.3
134	27.3		13.7	41.0

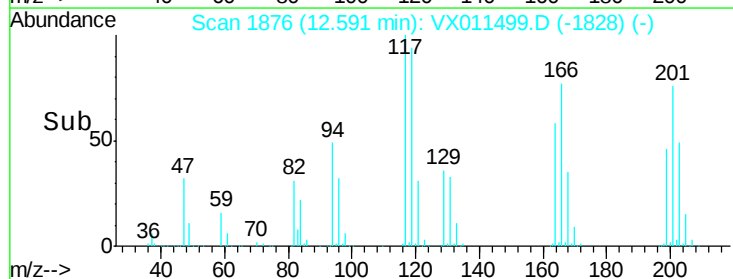
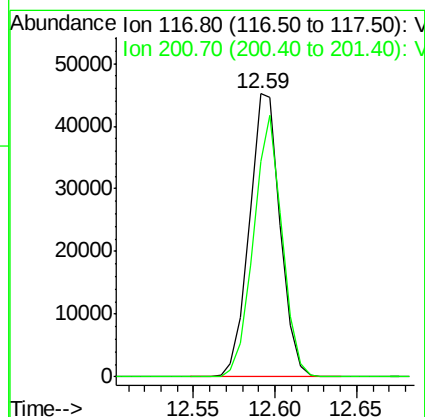
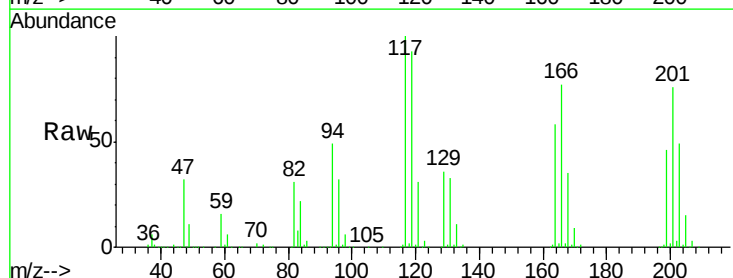
Manual Integrations
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#90
Hexachloroethane
Concen: 57.004 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59461		
201	85.3		41.8	125.4





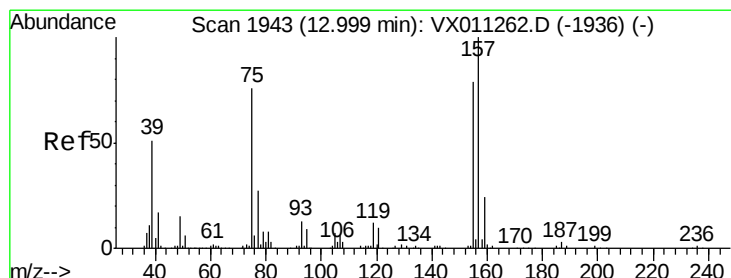
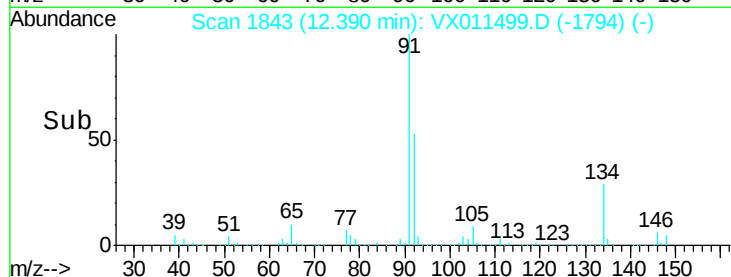
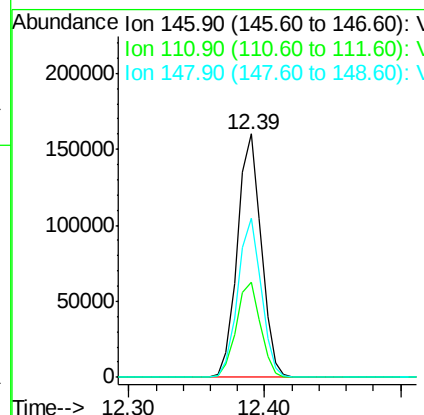
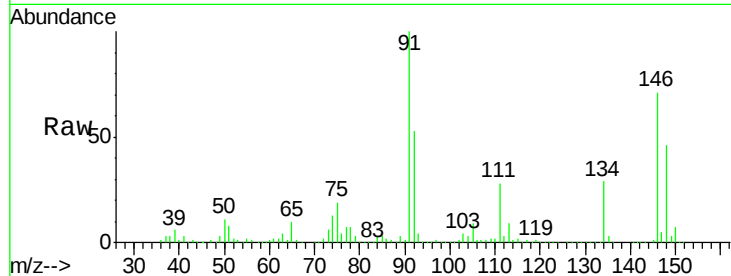
#91
 1,2-Dichlorobenzene
 Concen: 50.873 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.1
148	64.5	32.3	96.8

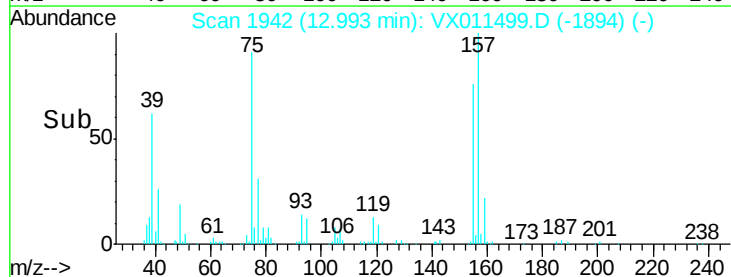
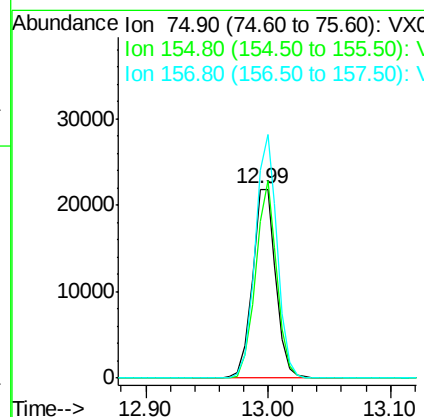
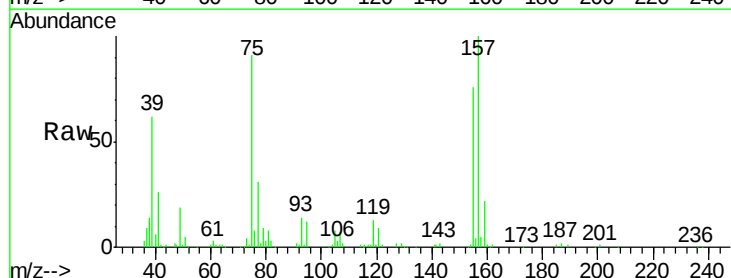
Manual Integrations
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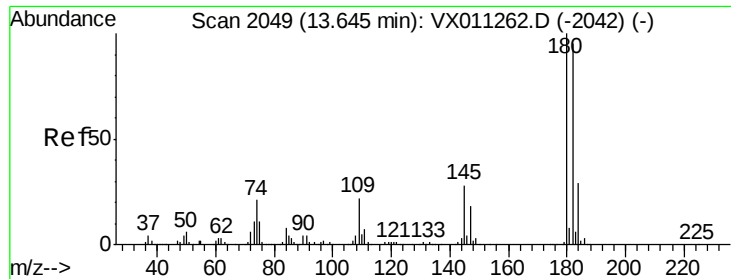
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.454 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	51.9	155.8
157	122.0	64.3	192.7





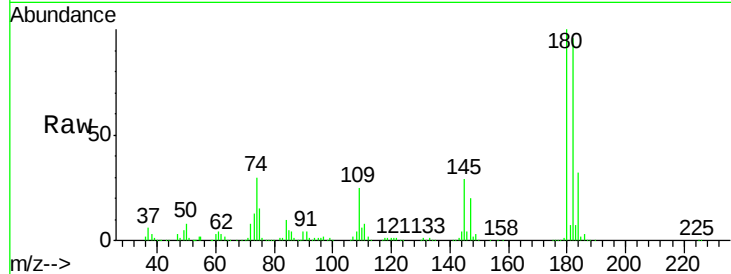
#93
 1,2,4-Trichlorobenzene
 Concen: 50.719 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

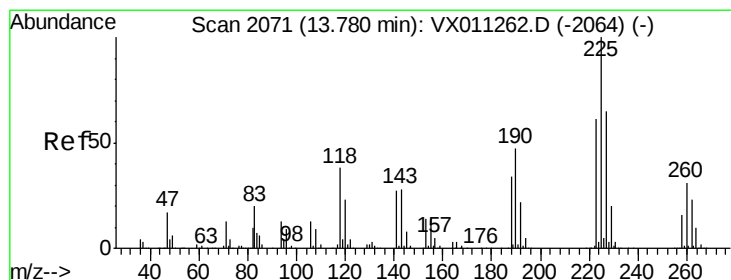
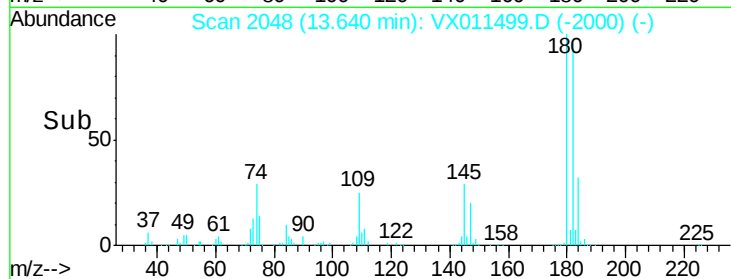
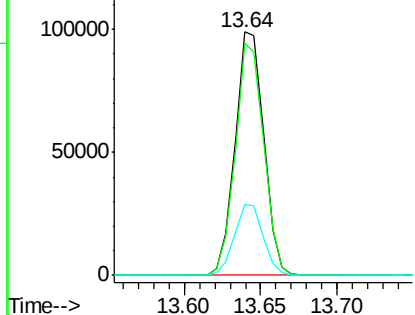
Tot Ion	Ratio	Resp	Lower	Upper
180	100	128743		
182	94.5	47.8	143.4	
145	29.2	14.8	44.3	

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 9:12:36 AM

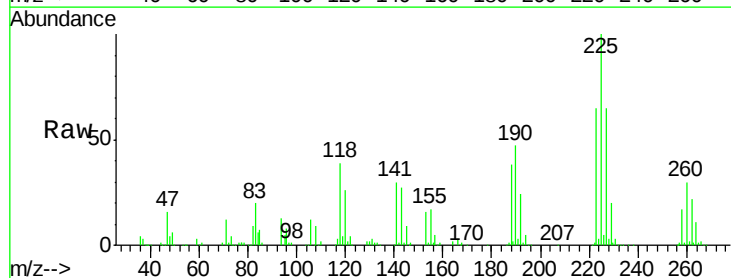


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

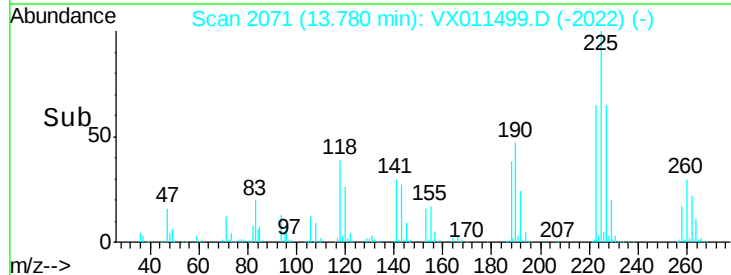
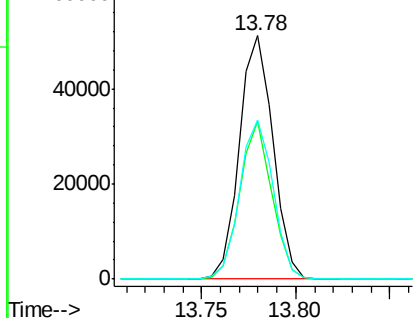


#94
 Hexachlorobutadiene
 Concen: 49.105 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011499.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63240		
223	61.7	31.0	93.0	
227	65.1	32.2	96.6	



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





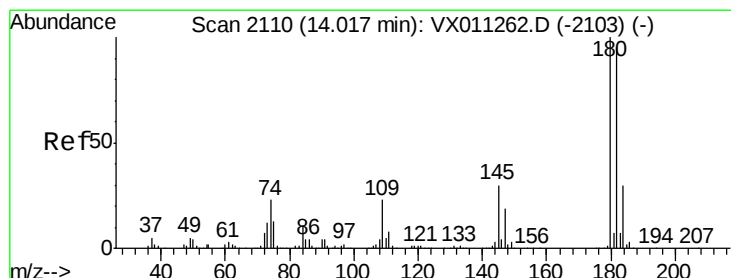
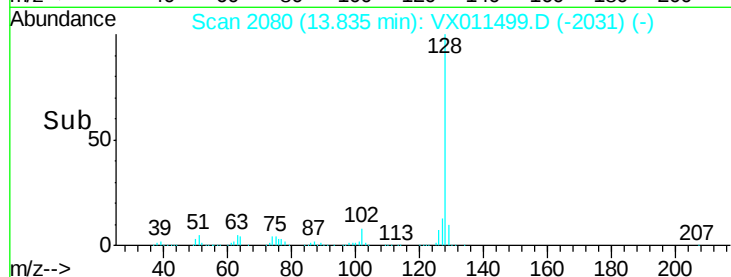
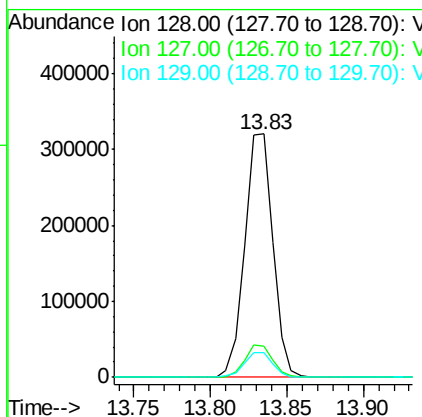
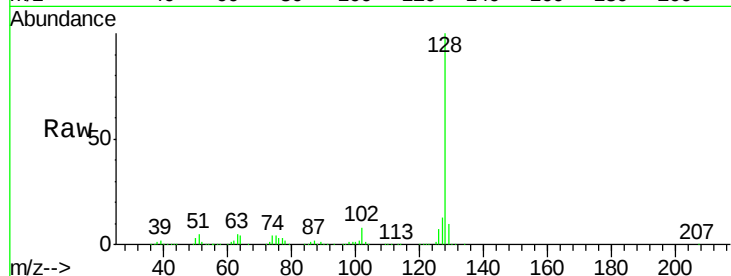
#95
Naphthalene
Concen: 55.121 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.5	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/14/2019 9:12:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.708 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011499.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.3
145	31.7	15.2	45.6

