

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009444.D
 Acq On : 09 May 2019 22:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:12:30 PM

Quant Time: May 10 08:21:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	156291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	250288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107183	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.50	113	81116	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.71	98	323274	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.13	95	119577	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71369	49.553	ug/l	100
3) Chloromethane	1.32	50	101788	51.766	ug/l	100
4) Vinyl Chloride	1.41	62	105042	54.784	ug/l	98
5) Bromomethane	1.64	94	57407	49.883	ug/l	100
6) Chloroethane	1.71	64	69597	56.535	ug/l	99
7) Trichlorofluoromethane	1.92	101	131363	56.362	ug/l	97
8) Diethyl Ether	2.19	74	59478	53.875	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80760	55.179	ug/l	99
10) Methyl Iodide	2.51	142	81847	48.302	ug/l	100
11) Tert butyl alcohol	3.05	59	138229	279.891	ug/l	100
12) 1,1-Dichloroethene	2.37	96	82439	56.216	ug/l	95
13) Acrolein	2.29	56	107977	241.418	ug/l	100
14) Allyl chloride	2.73	41	193028	54.012	ug/l	100
15) Acrylonitrile	3.14	53	327748	271.418	ug/l	100
16) Acetone	2.45	43	288900	252.174	ug/l	99
17) Carbon Disulfide	2.57	76	236095	57.344	ug/l	100
18) Methyl Acetate	2.78	43	138535	50.847	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	313058	54.974	ug/l	98
20) Methylene Chloride	2.85	84	98783	53.254	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	89826	56.481	ug/l	97
22) Diisopropyl ether	3.85	45	378540	55.078	ug/l	99
23) Vinyl Acetate	3.81	43	1691366	287.391	ug/l	99
24) 1,1-Dichloroethane	3.70	63	184518	54.423	ug/l	99
25) 2-Butanone	4.67	43	486136	273.066	ug/l	100
26) 2,2-Dichloropropane	4.58	77	122666	48.607	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	103919	54.743	ug/l	99
28) Bromochloromethane	5.01	49	65744	48.065	ug/l	100
29) Tetrahydrofuran	5.13	42	323239	282.155	ug/l	100
30) Chloroform	5.21	83	170692	55.665	ug/l	100
31) Cyclohexane	5.58	56	179324	56.850	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	141308	55.357	ug/l	99
36) 1,1-Dichloropropene	5.80	75	131661	56.605	ug/l	99
37) Ethyl Acetate	4.83	43	183436	56.603	ug/l	99
38) Carbon Tetrachloride	5.79	117	119150	56.381	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161169	56.422	ug/l	99
40) Benzene	6.14	78	404320	56.168	ug/l	99
41) Methacrylonitrile	5.04	41	105067	54.464	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144534	55.973	ug/l	99
43) Isopropyl Acetate	6.45	43	289360	55.821	ug/l	100
44) Trichloroethene	7.21	130	96234	55.299	ug/l	99
45) 1,2-Dichloropropane	7.51	63	113184	55.528	ug/l	98
46) Dibromomethane	7.66	93	65572	55.398	ug/l	98
47) Bromodichloromethane	7.90	83	131890	55.860	ug/l	99
48) Methyl methacrylate	7.77	41	147068	57.185	ug/l	100
49) 1,4-Dioxane	7.74	88	59182	1134.722	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	960117	283.370	ug/l	100
52) Toluene	8.79	92	247222	56.498	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	147804	55.447	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	166619	56.471	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	99152	55.542	ug/l	95
56) Ethyl methacrylate	9.18	69	181208	56.865	ug/l	100
57) 1,3-Dichloropropane	9.37	76	175750	55.945	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	435331	257.515	ug/l	100
59) 2-Hexanone	9.49	43	748868	281.417	ug/l	100
60) Dibromochloromethane	9.58	129	99302	56.954	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102011	56.609	ug/l	99
64) Tetrachloroethene	9.34	164	88684	57.372	ug/l	99
65) Chlorobenzene	10.14	112	255499	56.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92638	56.683	ug/l	99
67) Ethyl Benzene	10.25	91	474560	57.202	ug/l	99
68) m/p-Xylenes	10.36	106	349006	115.118	ug/l	98
69) o-Xylene	10.69	106	170892	57.131	ug/l	99
70) Styrene	10.71	104	300846	57.866	ug/l	99
71) Bromoform	10.85	173	75935	57.175	ug/l #	100
73) Isopropylbenzene	11.02	105	453865	54.033	ug/l	99
74) N-amyl acetate	10.90	43	271881	55.518	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	166843	53.282	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	145424m	54.275	ug/l	
77) Bromobenzene	11.26	156	111926	53.685	ug/l	99
78) n-propylbenzene	11.36	91	522137	54.429	ug/l	99
79) 2-Chlorotoluene	11.42	91	311135	52.571	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	389015	55.003	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55189	52.701	ug/l	98
82) 4-Chlorotoluene	11.51	91	361168	54.018	ug/l	99
83) tert-Butylbenzene	11.77	119	372051	54.076	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	388760	54.762	ug/l	100
85) sec-Butylbenzene	11.94	105	435967	53.447	ug/l	99
86) p-Isopropyltoluene	12.06	119	401165	54.706	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	200042	53.823	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	201074	53.662	ug/l	99
89) n-Butylbenzene	12.38	91	361932	54.607	ug/l	100
90) Hexachloroethane	12.59	117	67184	53.777	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	206849	54.642	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38569	54.907	ug/l	99

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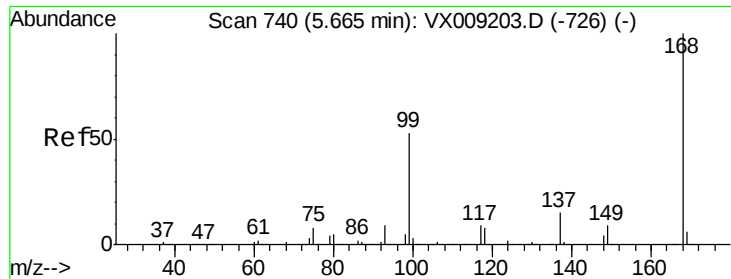
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143852	55.569	ug/l	99
94) Hexachlorobutadiene	13.78	225	71926	54.409	ug/l	99
95) Naphthalene	13.83	128	469383	55.732	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145282	55.365	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 156291

Ion Ratio Lower Upper

168 100

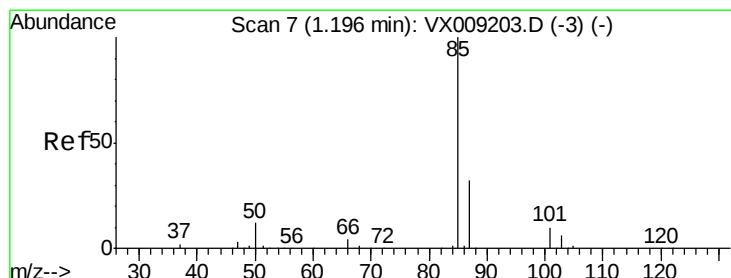
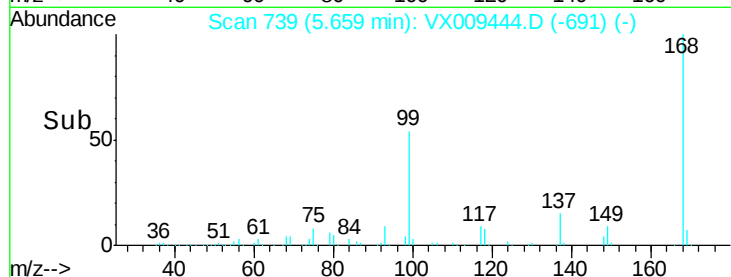
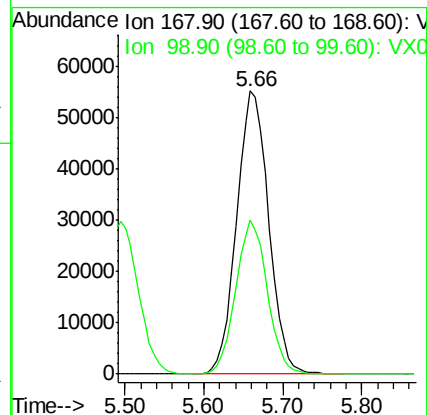
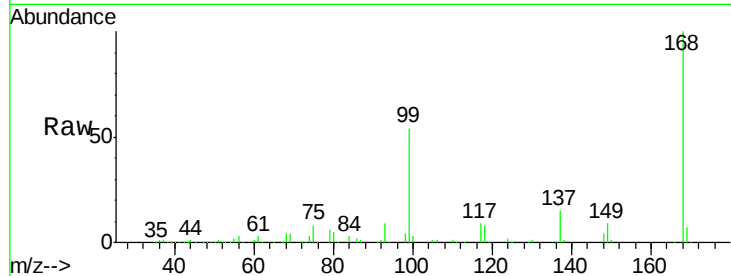
99 54.2 42.3 63.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.553 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009444.D

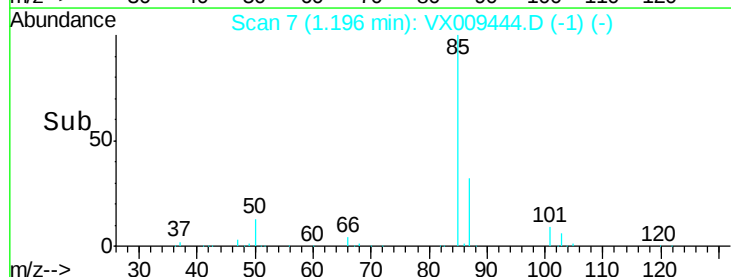
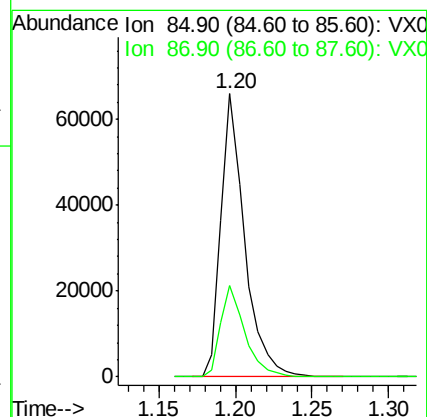
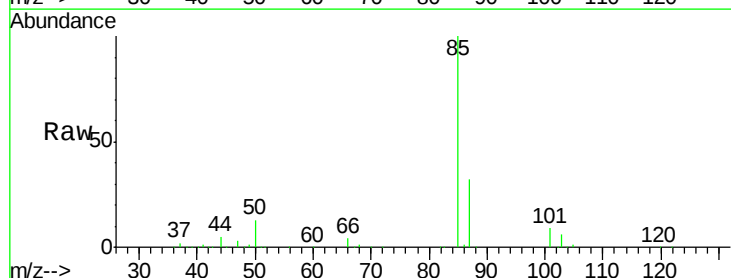
Acq: 09 May 2019 22:01

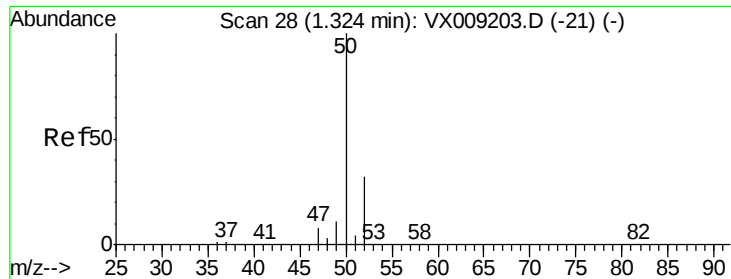
Tgt Ion: 85 Resp: 71369

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3





#3

Chloromethane

Concen: 51.766 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 101788

Ion Ratio Lower Upper

50 100

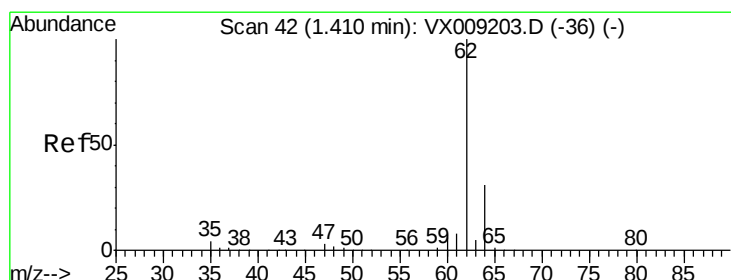
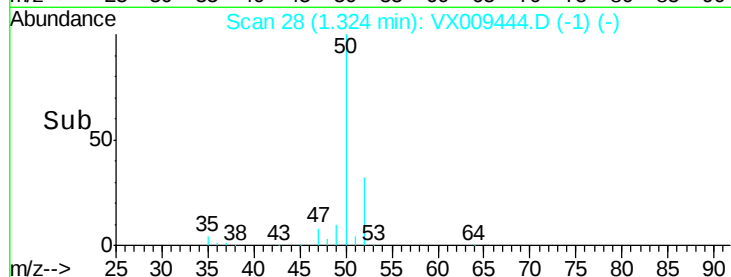
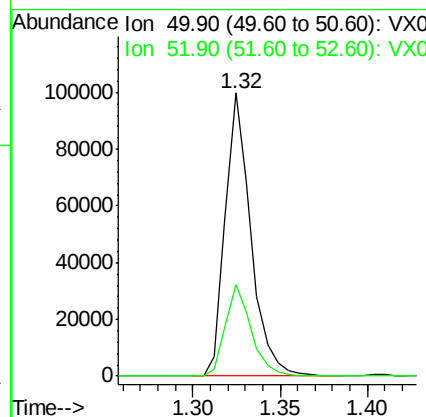
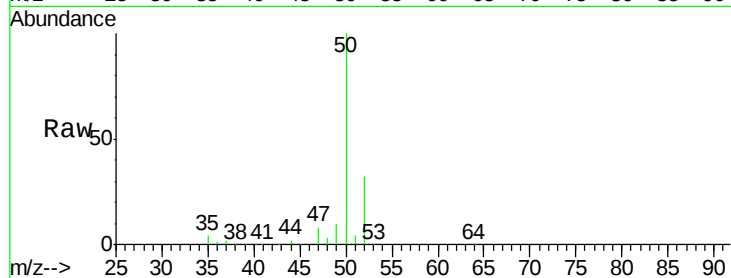
52 32.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.784 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009444.D

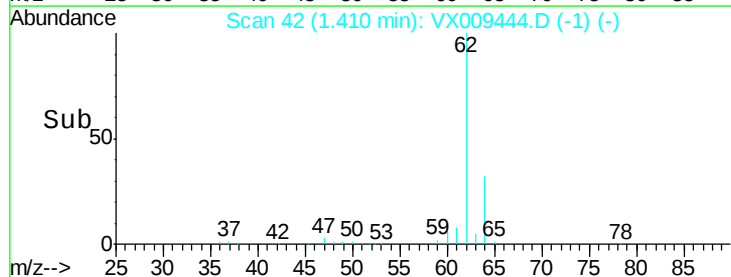
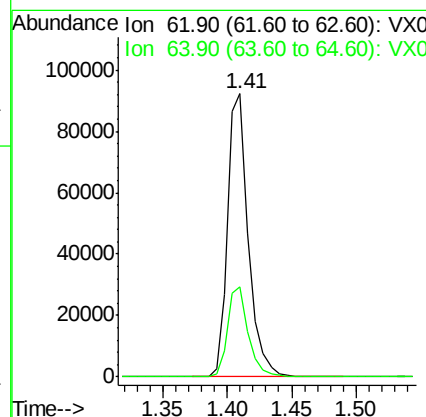
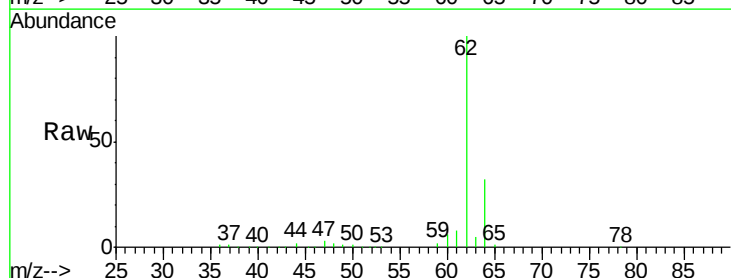
Acq: 09 May 2019 22:01

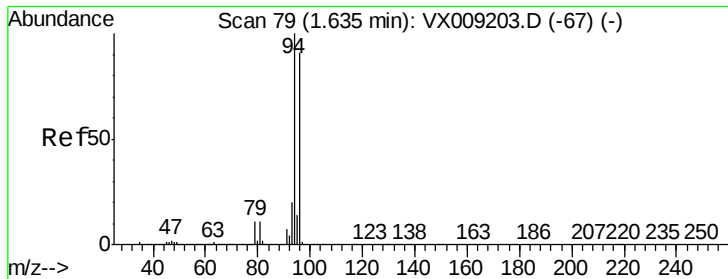
Tgt Ion: 62 Resp: 105042

Ion Ratio Lower Upper

62 100

64 31.8 24.6 36.8





#5

Bromomethane

Concen: 49.883 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 57407

Ion Ratio Lower Upper

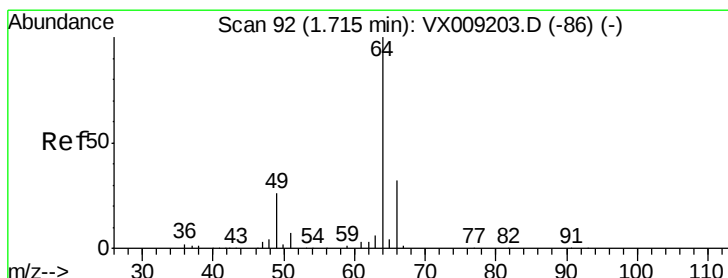
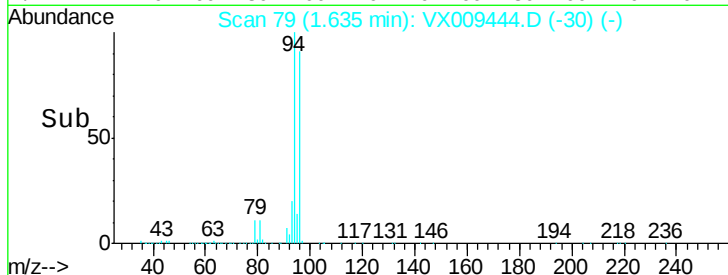
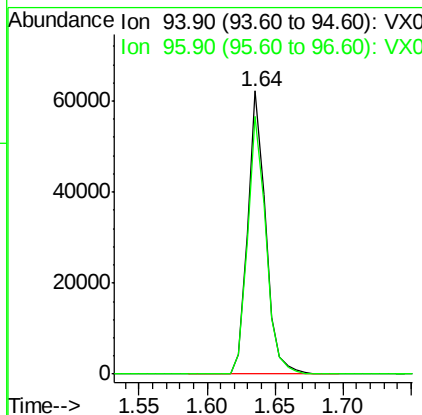
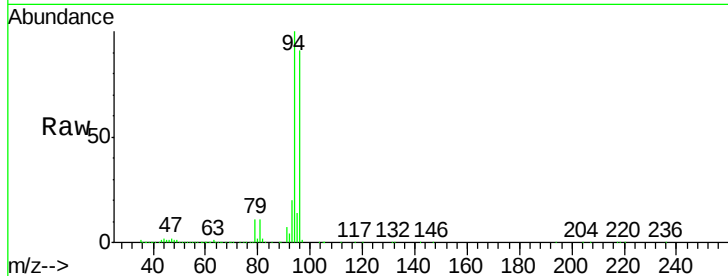
94 100

96 91.2 73.0 109.6

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#6

Chloroethane

Concen: 56.535 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009444.D

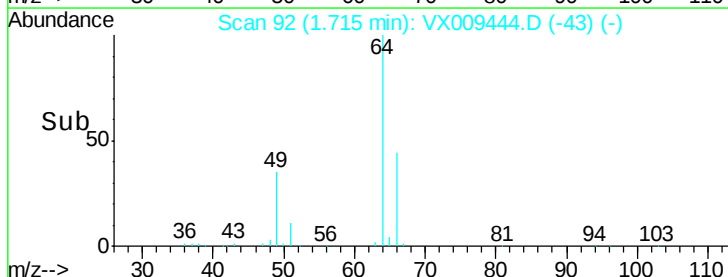
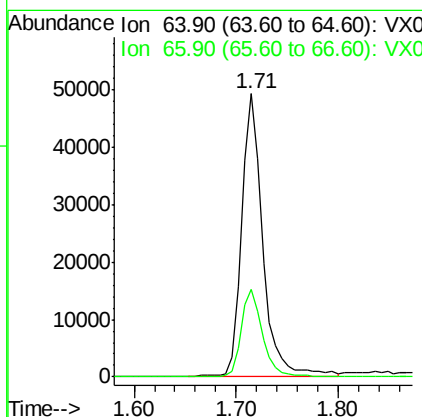
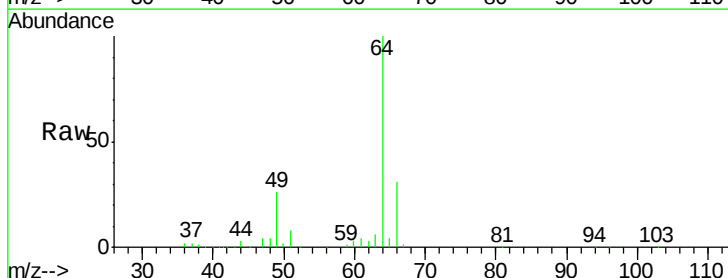
Acq: 09 May 2019 22:01

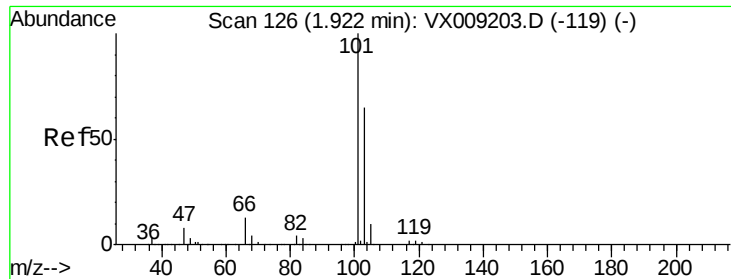
Tgt Ion: 64 Resp: 69597

Ion Ratio Lower Upper

64 100

66 31.0 25.3 37.9





#7

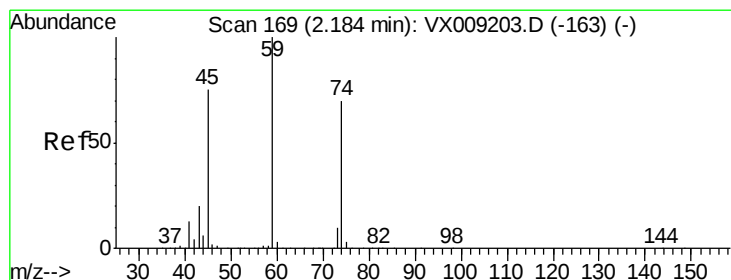
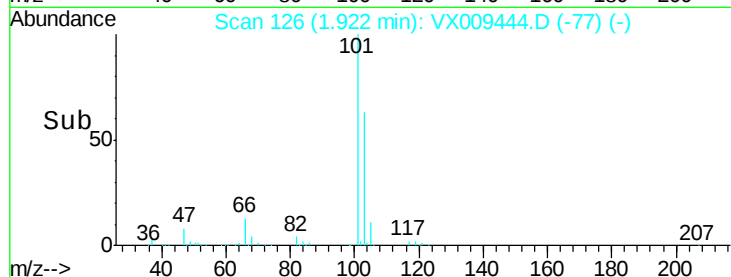
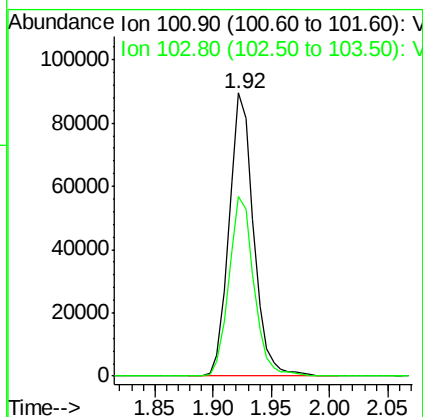
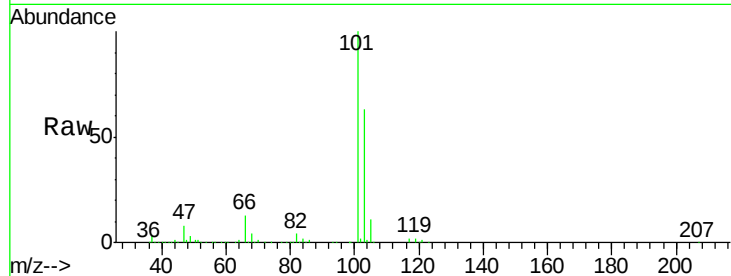
Trichlorofluoromethane
Concen: 56.362 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	52.4	78.6

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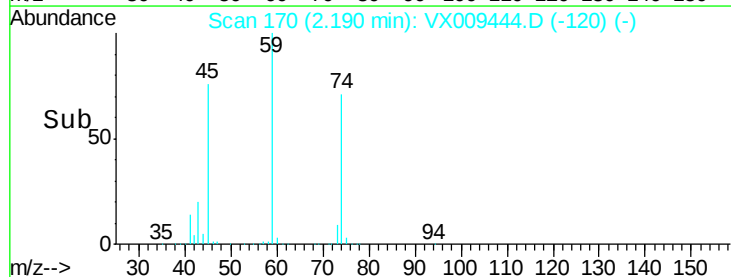
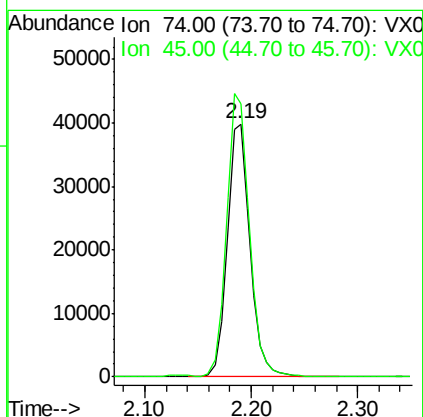
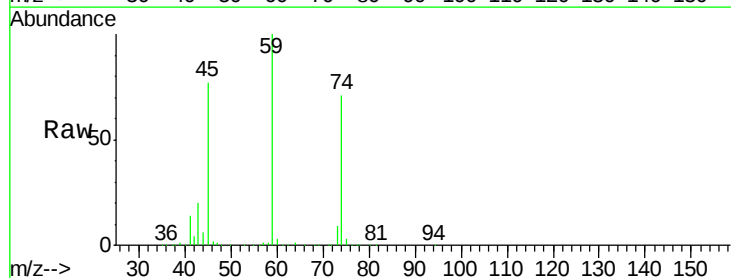
MMDadoda
5/10/2019 1:12:30 PM

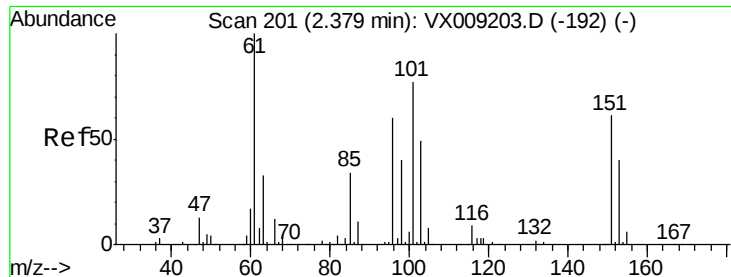


#8

Diethyl Ether
Concen: 53.875 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.5	53.3	159.9





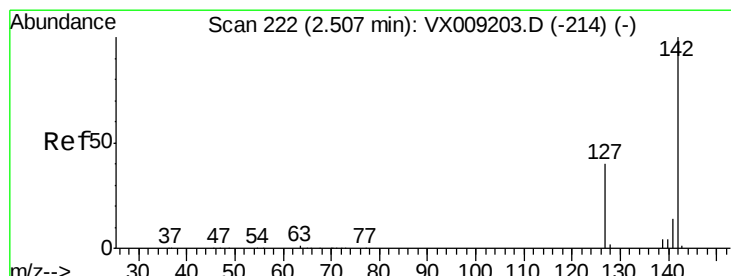
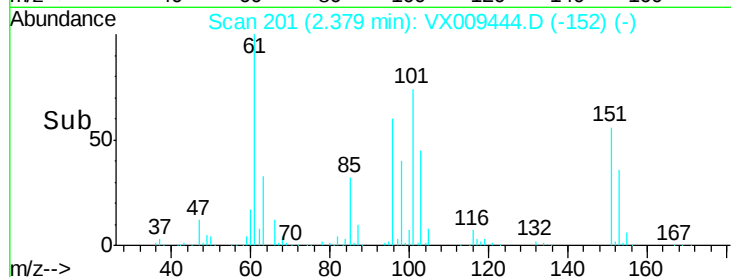
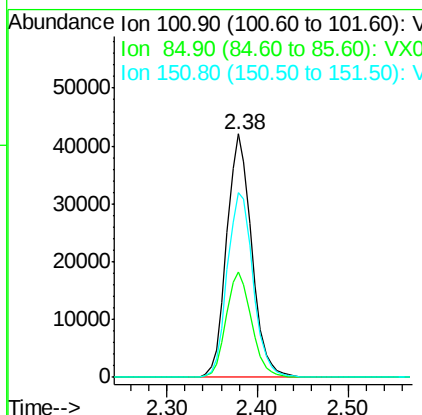
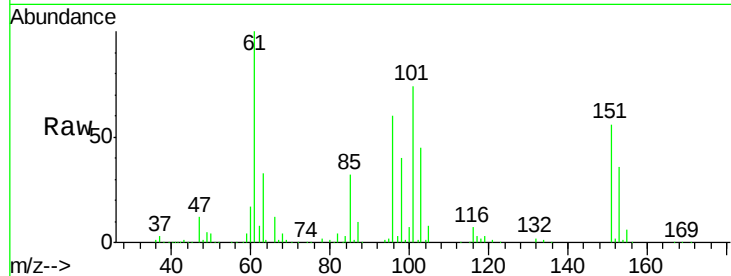
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.179 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	80760		
85	43.7		35.7	53.5
151	78.3		62.2	93.2

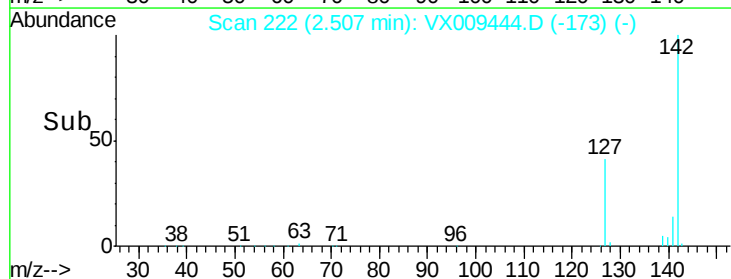
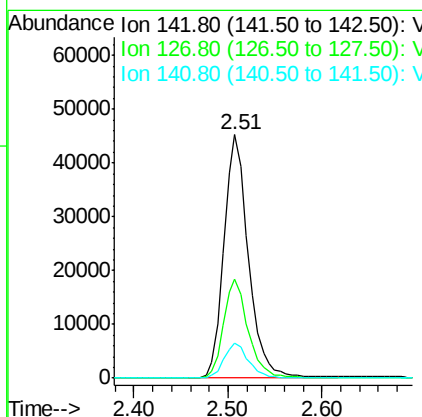
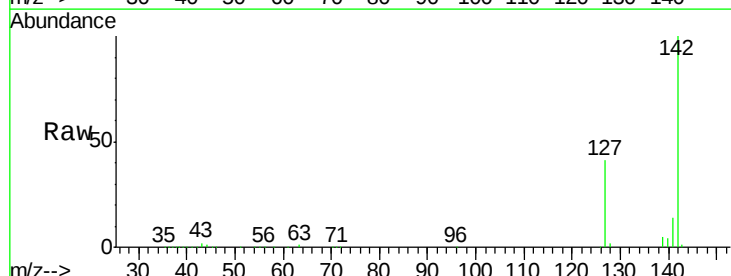
Manual Integrations
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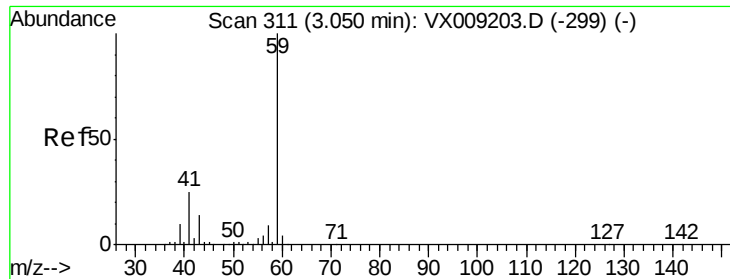
MMDadoda
5/10/2019 1:12:30 PM



#10
Methyl Iodide
Concen: 48.302 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	81847		
127	40.6		32.7	49.1
141	14.5		11.5	17.3





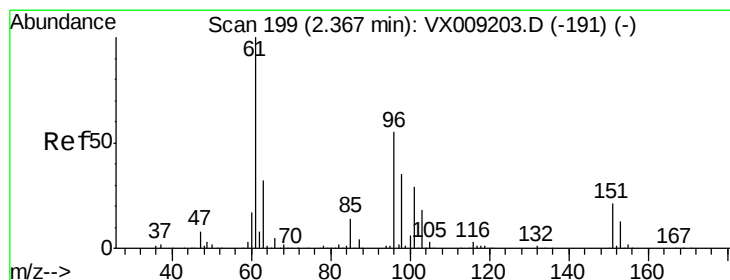
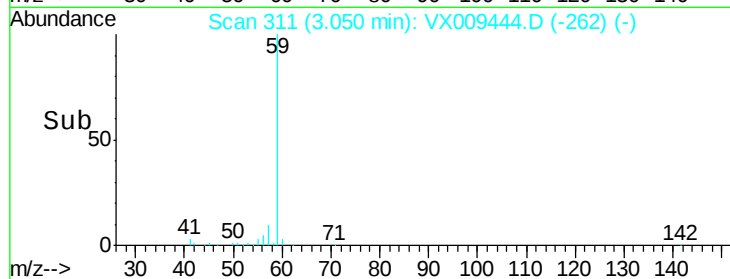
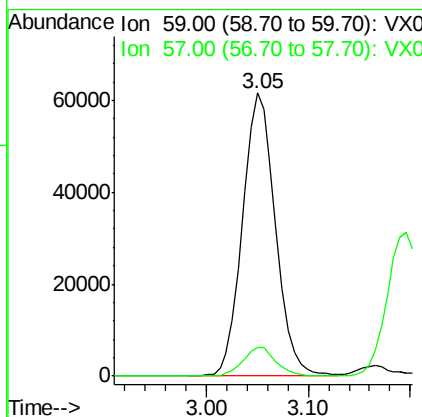
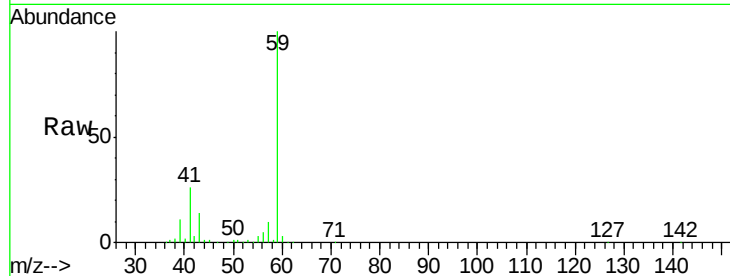
#11
Tert butyl alcohol
Concen: 279.891 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

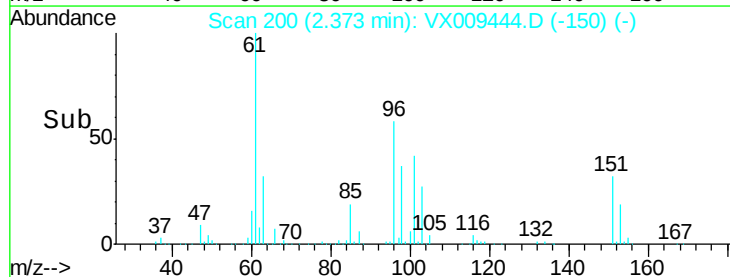
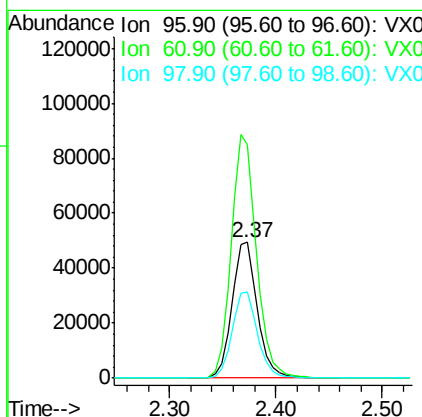
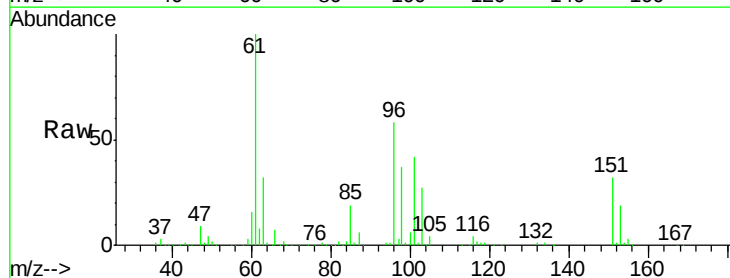
Manual Integrations
APPROVED

MMDadoda
5/10/2019 1:12:30 PM



#12
1,1-Dichloroethene
Concen: 56.216 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.0	144.3	216.5
98	63.6	50.3	75.5





#13

Acrolein

Concen: 241.418 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 107977

Ion Ratio Lower Upper

56 100

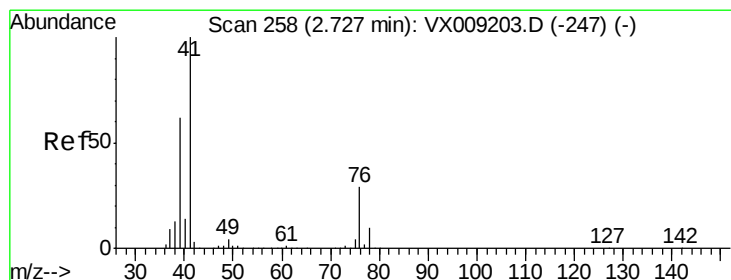
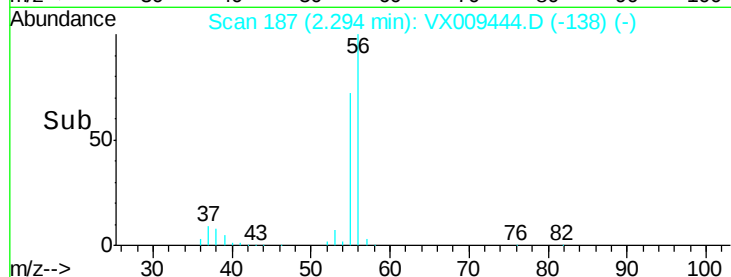
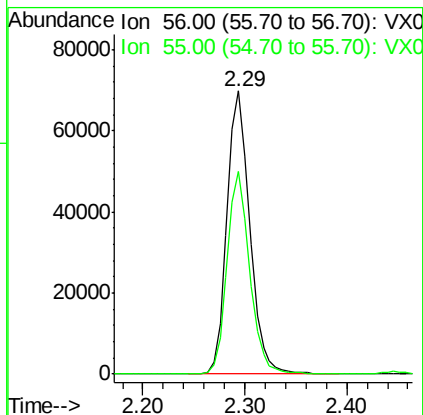
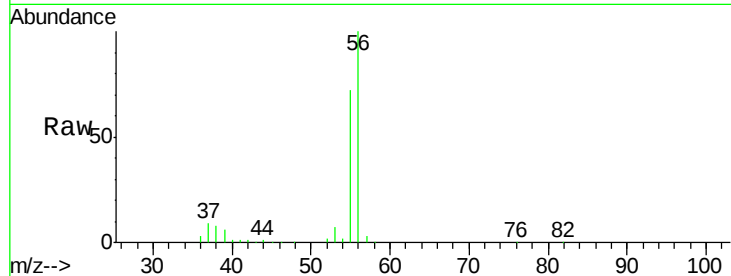
55 70.5 56.6 85.0

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 54.012 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

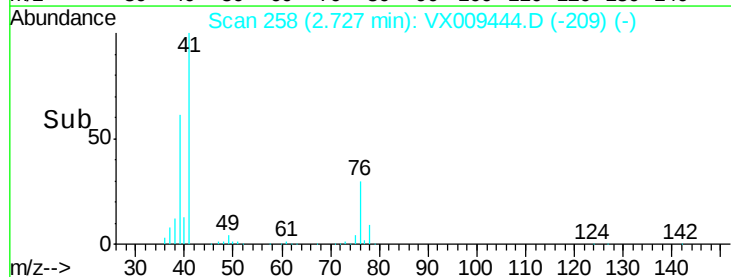
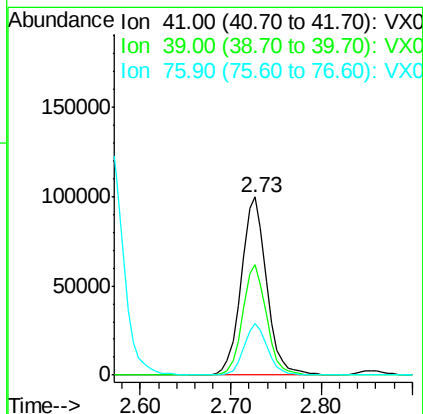
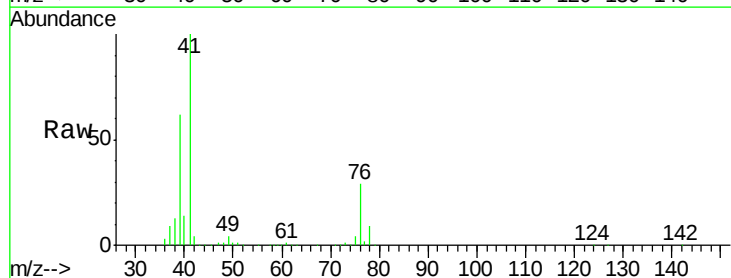
Tgt Ion: 41 Resp: 193028

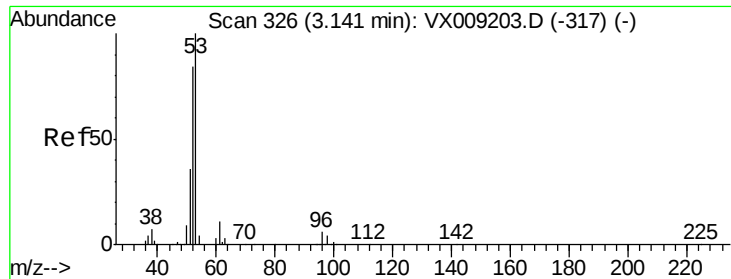
Ion Ratio Lower Upper

41 100

39 58.6 46.7 70.1

76 26.8 21.8 32.8





#15

Acrylonitrile

Concen: 271.418 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

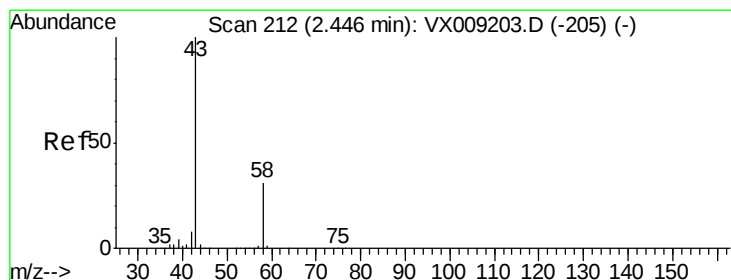
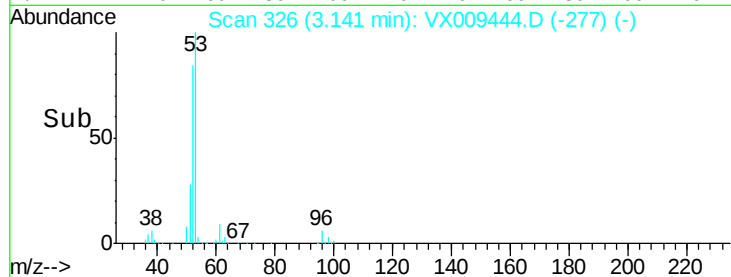
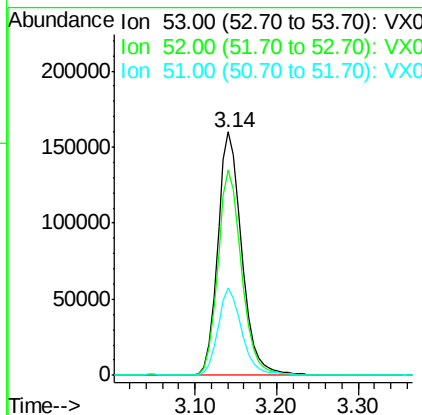
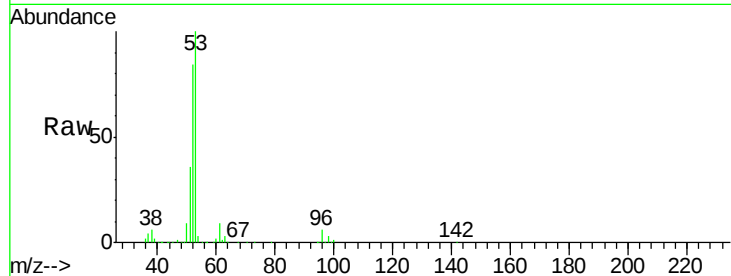
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	327748
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.9	100.3
51	35.7	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 252.174 ug/l

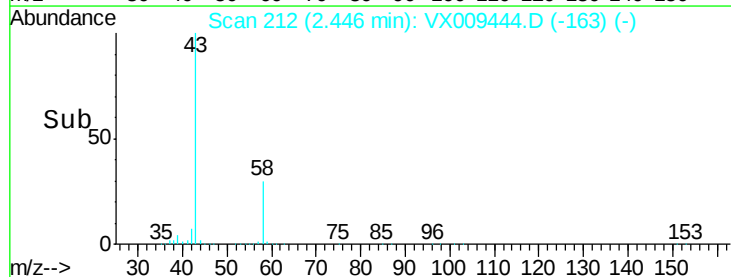
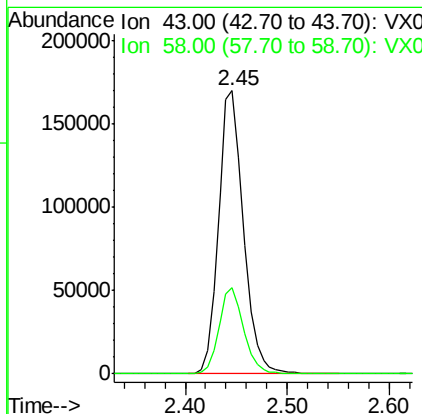
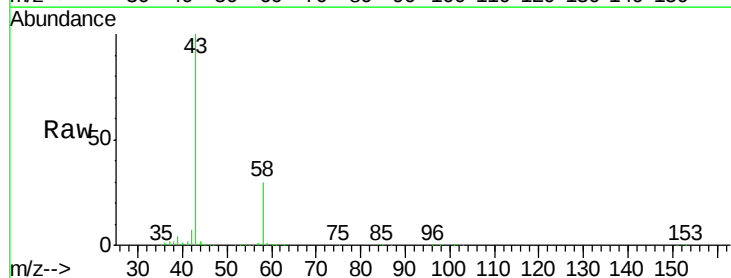
RT: 2.45 min Scan# 212

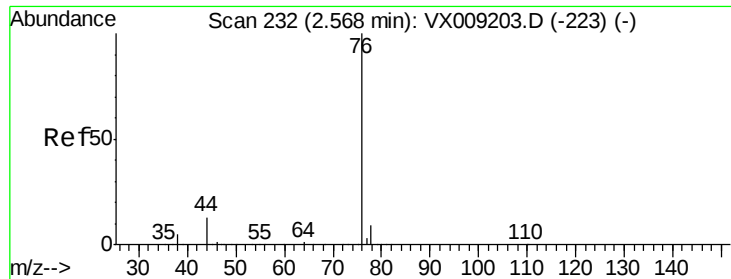
Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Tgt Ion:	43	Resp:	288900
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.9	37.3





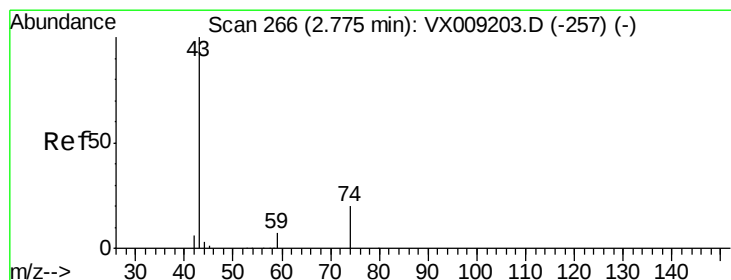
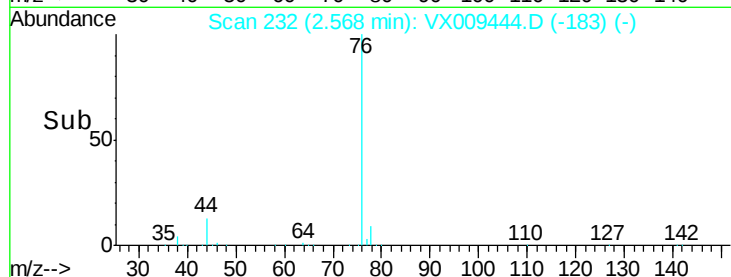
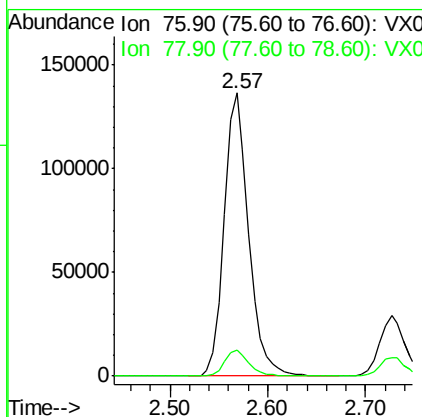
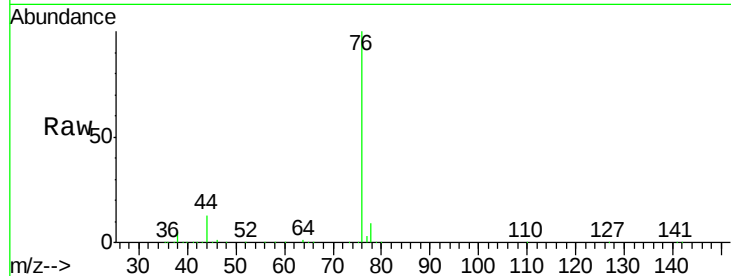
#17
Carbon Disulfide
Concen: 57.344 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

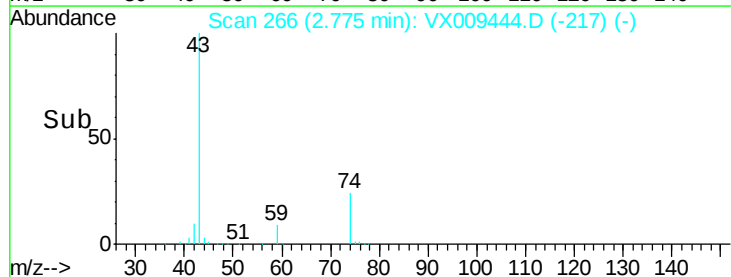
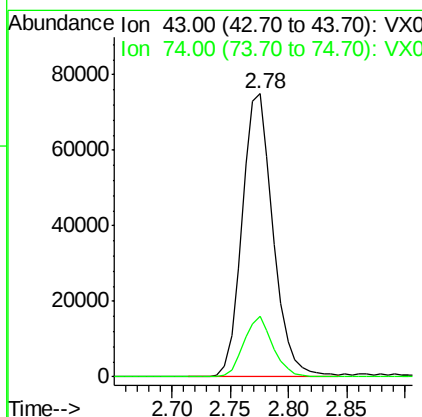
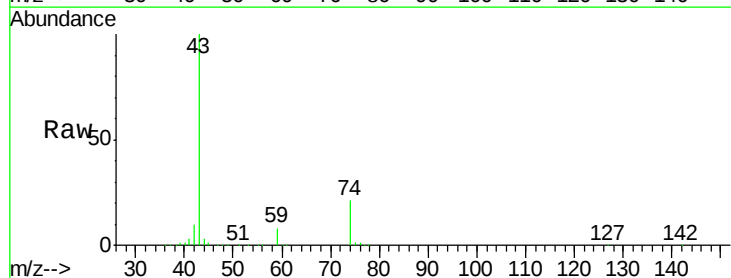
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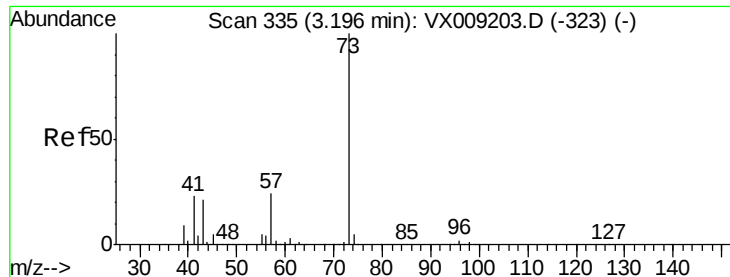
MMDadoda
5/10/2019 1:12:30 PM



#18
Methyl Acetate
Concen: 50.847 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.2	24.4





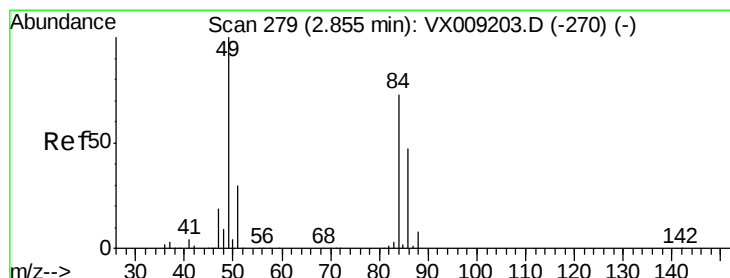
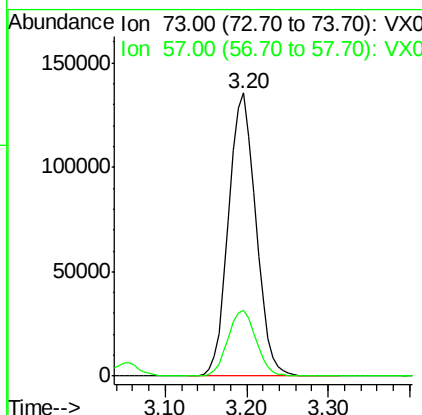
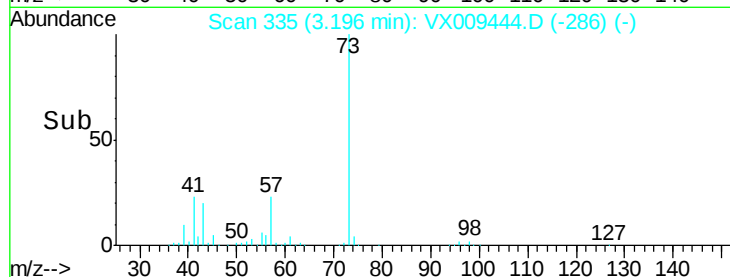
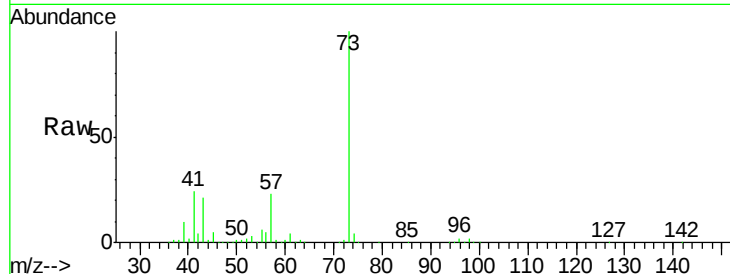
#19
Methyl tert-butyl Ether
Concen: 54.974 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	19.3	28.9

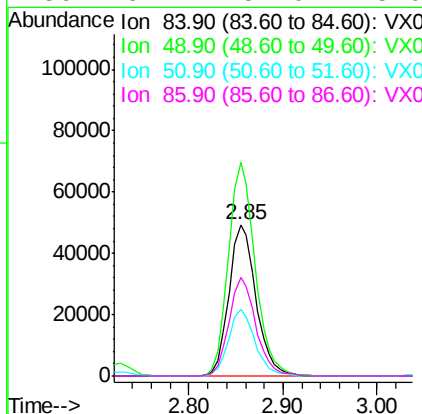
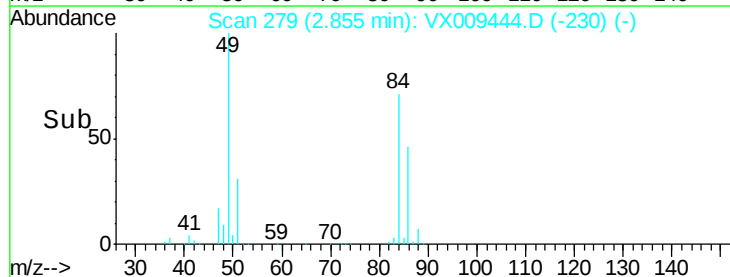
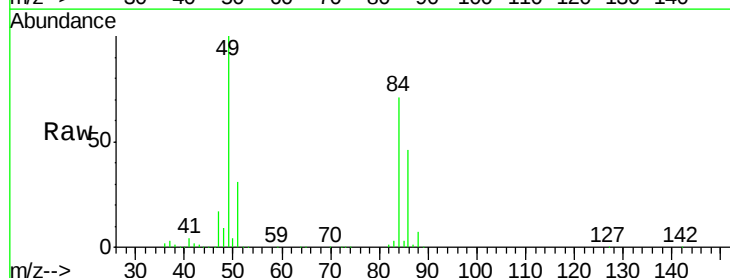
Manual Integrations
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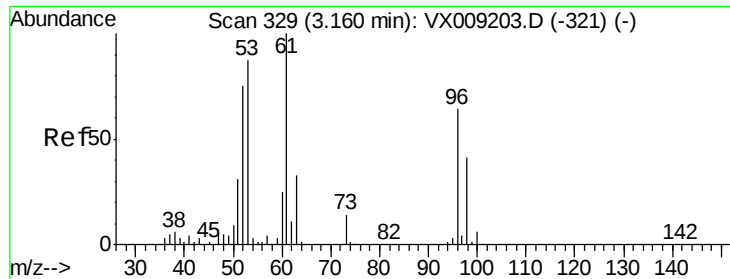
MMDadoda
5/10/2019 1:12:30 PM



#20
Methylene Chloride
Concen: 53.254 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.9	109.9	164.9
51	43.8	32.7	49.1
86	64.7	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 56.481 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 89826

Ion Ratio Lower Upper

96 100

61 151.0 124.5 186.7

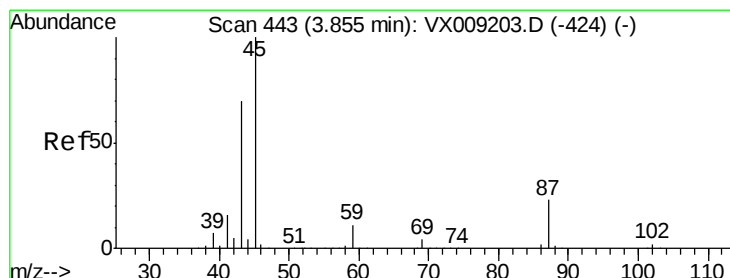
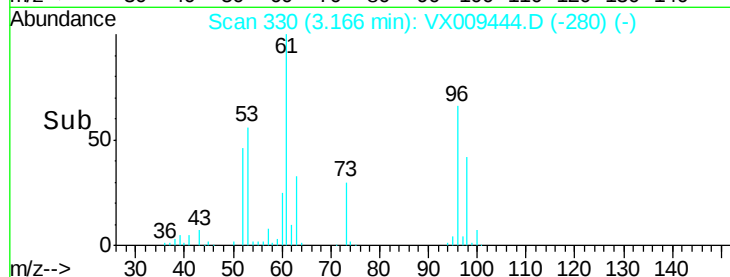
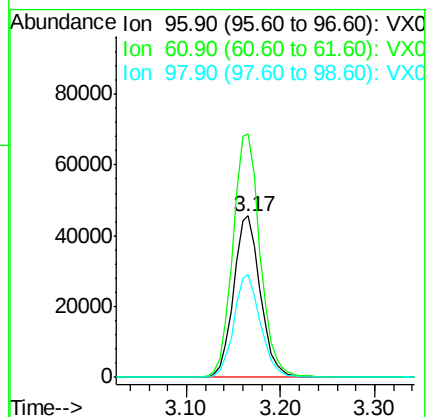
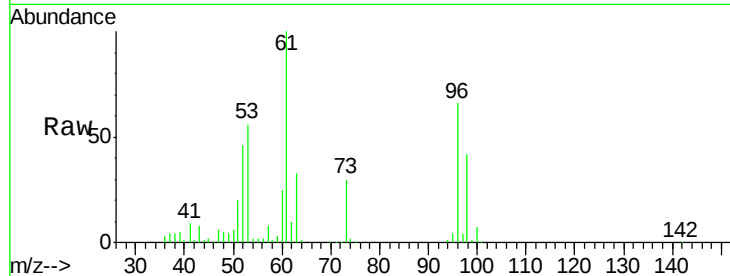
98 63.5 50.4 75.6

Manual Integrations

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5/10/2019 1:12:30 PM



#22

Diisopropyl ether

Concen: 55.078 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Tgt Ion: 45 Resp: 378540

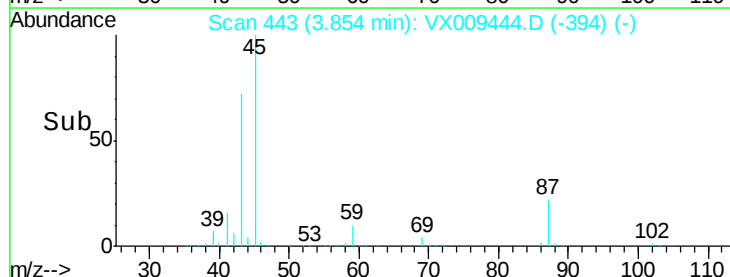
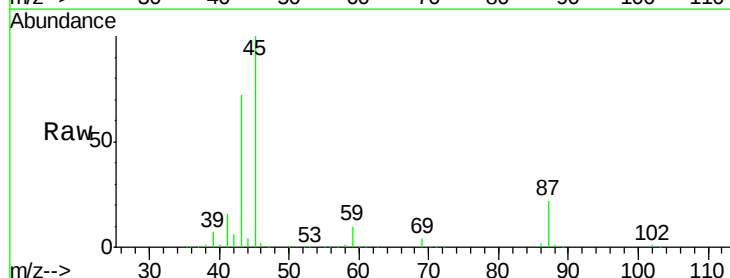
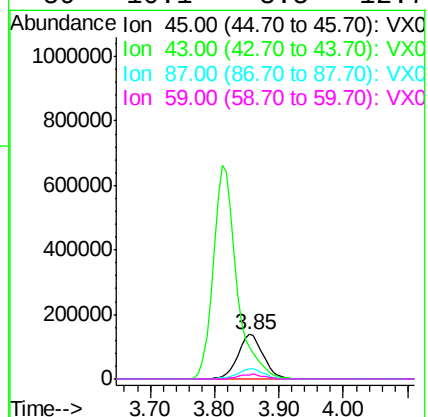
Ion Ratio Lower Upper

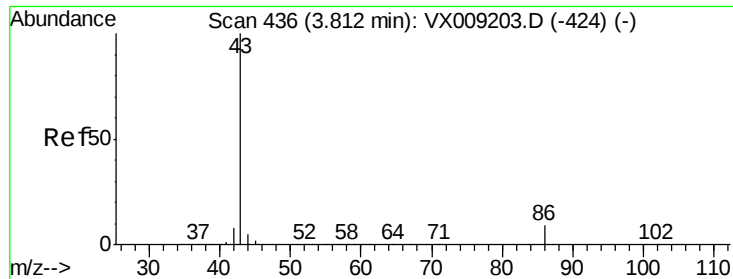
45 100

43 71.5 56.1 84.1

87 22.3 18.1 27.1

59 10.1 8.5 12.7





#23

Vinyl Acetate

Concen: 287.391 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1691366

Ion Ratio Lower Upper

43 100

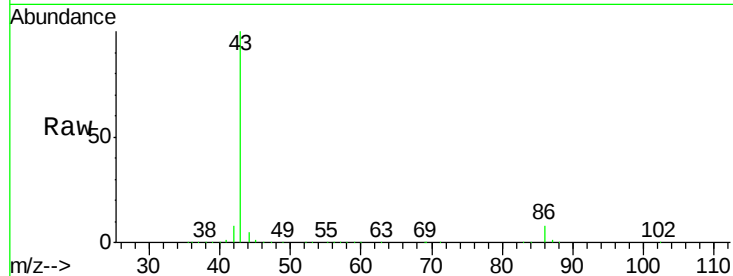
86 8.4 6.9 10.3

Manual Integrations

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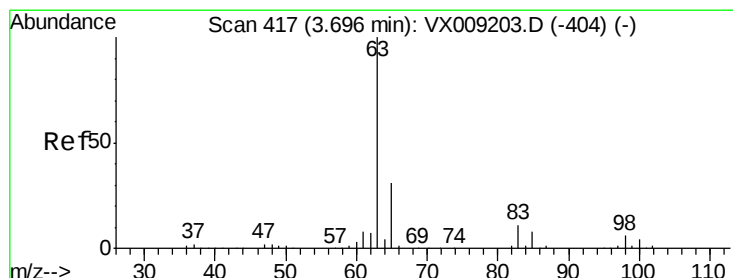
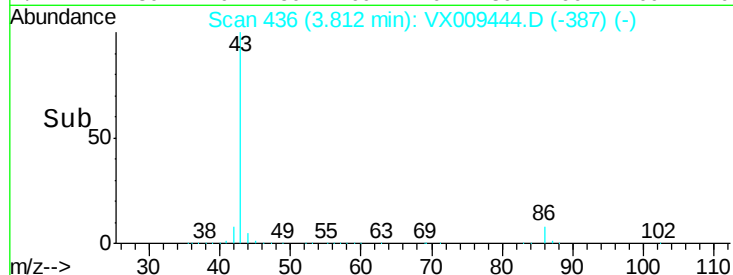
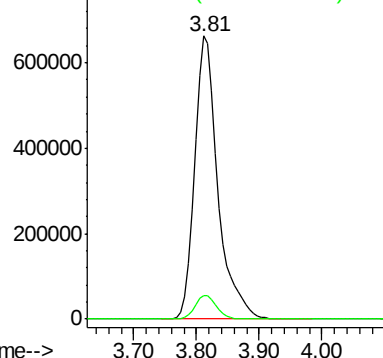
MMDadoda

5/10/2019 1:12:30 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.423 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

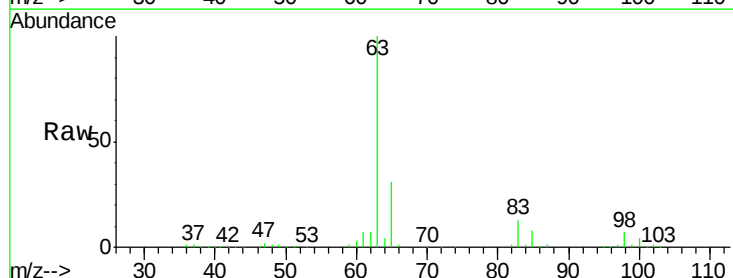
Tgt Ion: 63 Resp: 184518

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

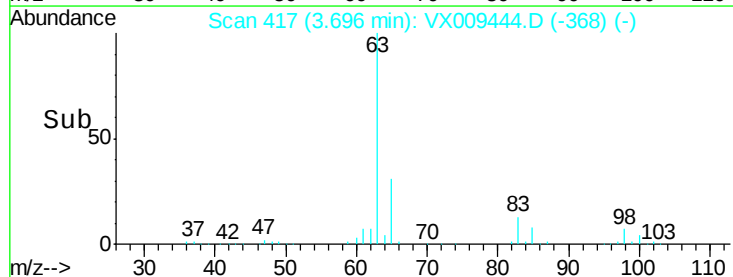
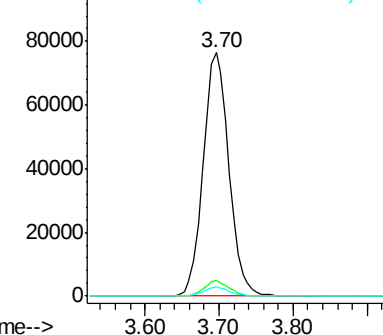
100 3.8 2.0 6.0

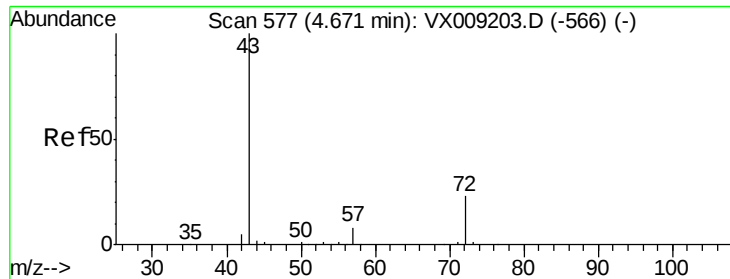


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 273.066 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 486136

Ion Ratio Lower Upper

43 100

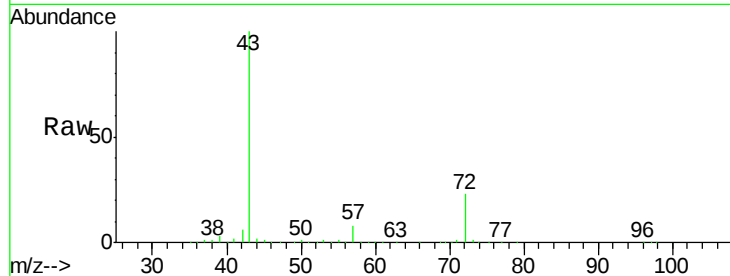
72 22.6 18.2 27.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

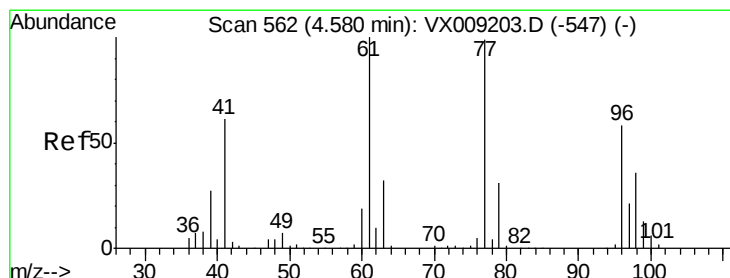
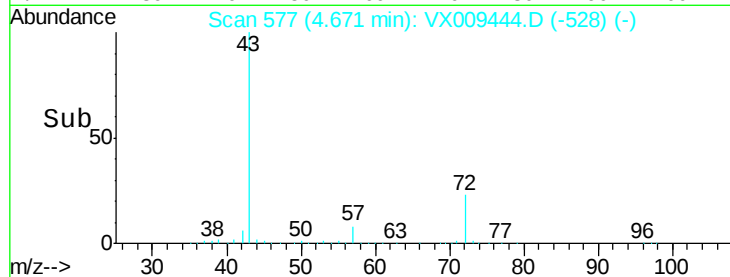
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.607 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009444.D

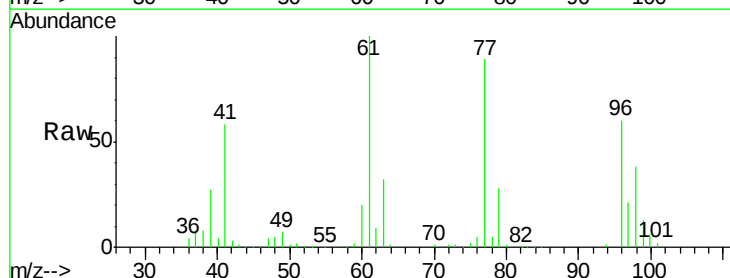
Acq: 09 May 2019 22:01

Tgt Ion: 77 Resp: 122666

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

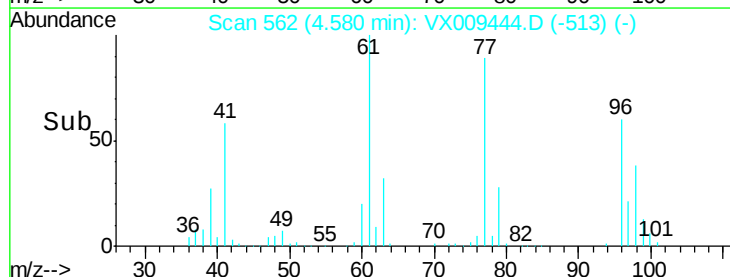
20000

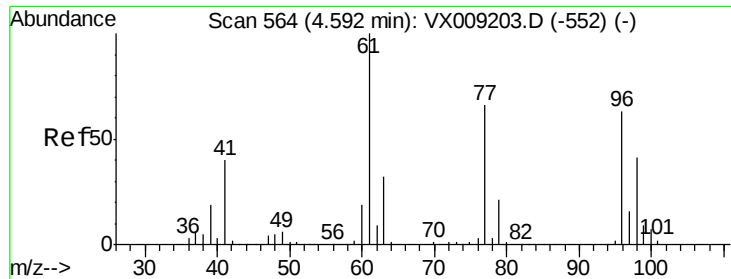
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

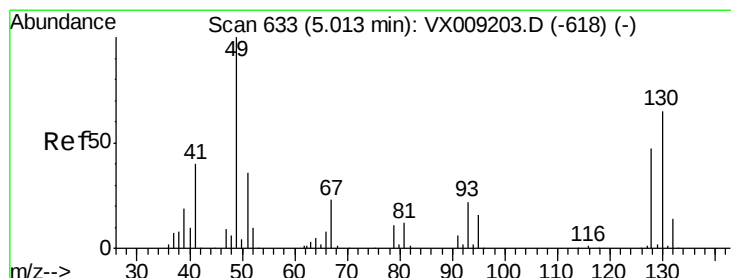
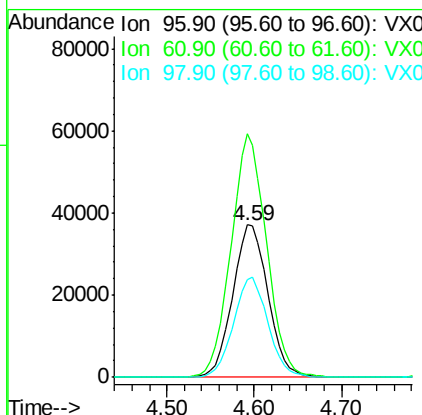
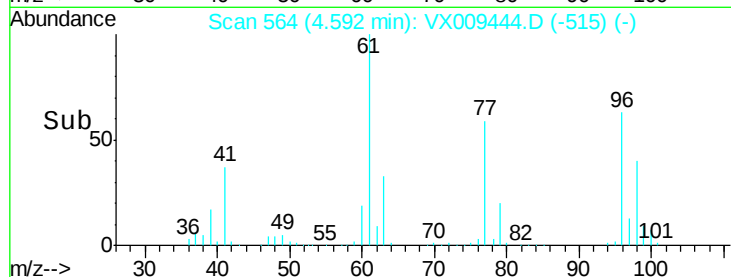
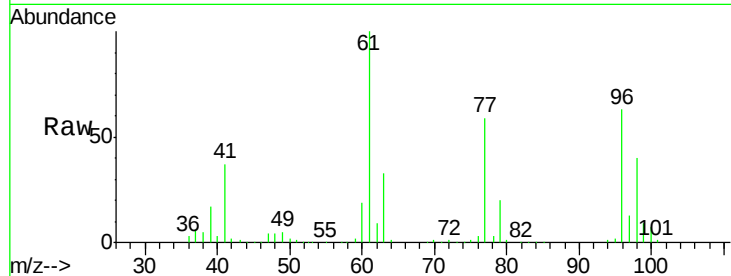
cis-1,2-Dichloroethene
Concen: 54.743 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	103919		
61	161.0	0.0	324.0	
98	64.4	0.0	130.4	

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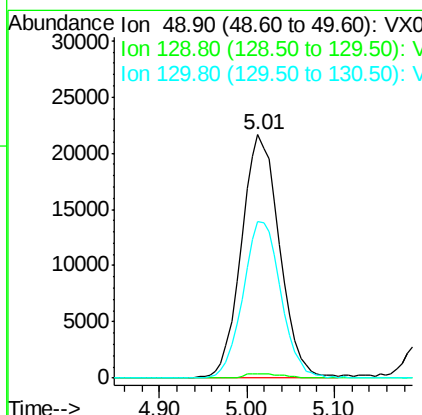
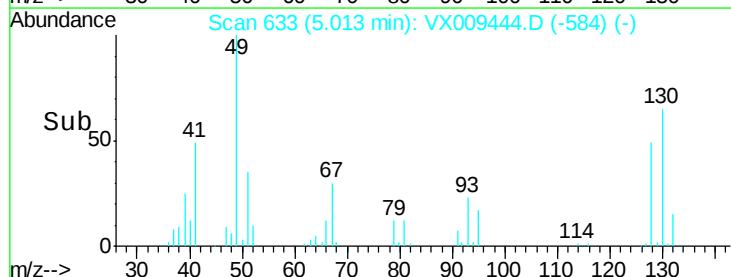
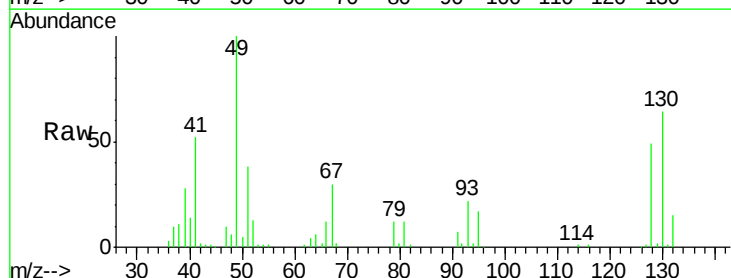
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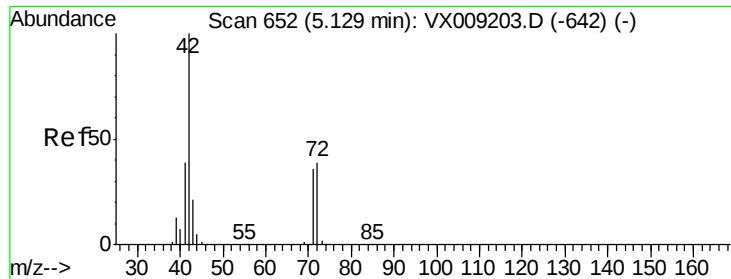


#28

Bromochloromethane
Concen: 48.065 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	65744		
129	1.8	0.0	3.8	
130	64.1	51.2	76.8	





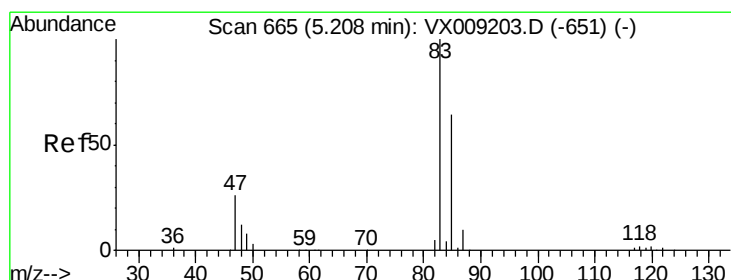
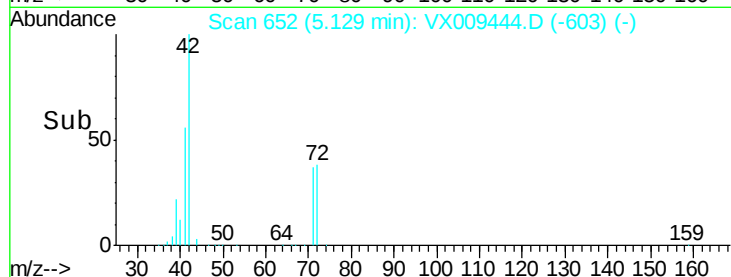
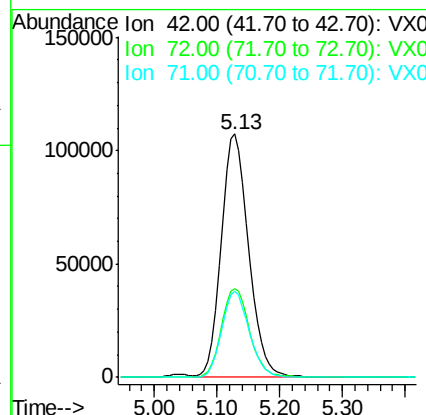
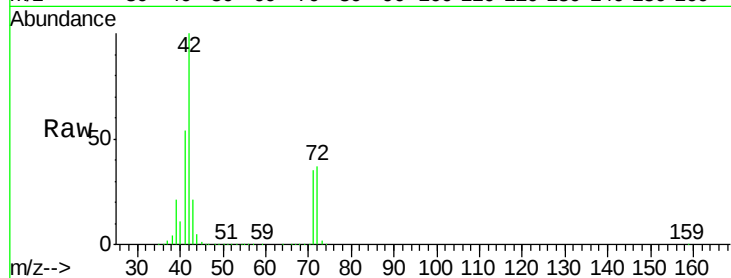
#29
Tetrahydrofuran
Concen: 282.155 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	323239
Ion	Ratio	Lower	Upper
42	100		
72	38.0	30.4	45.6
71	35.7	28.6	43.0

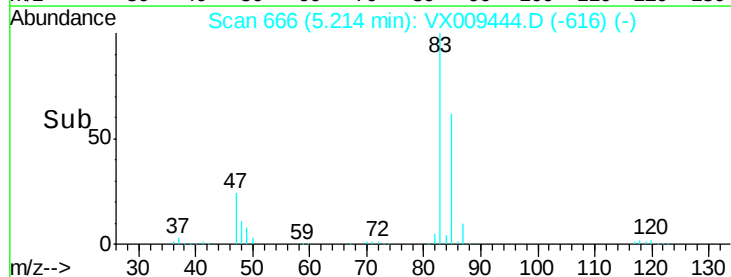
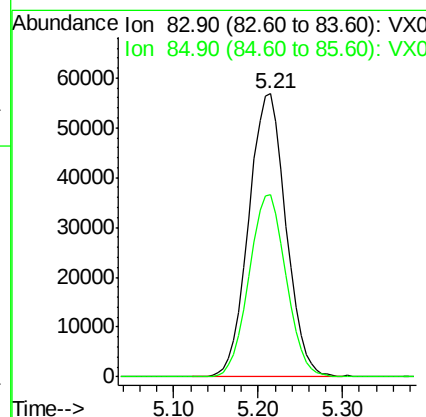
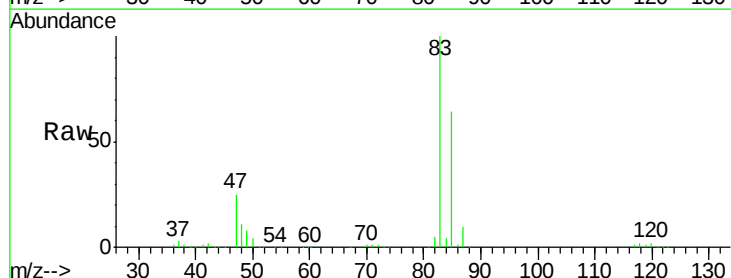
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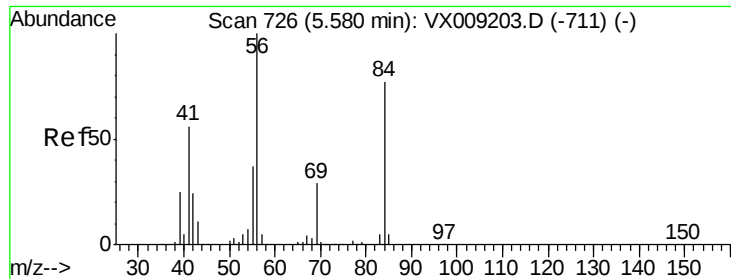
MMDadoda
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#30
Chloroform
Concen: 55.665 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion:	83	Resp:	170692
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3





#31

Cyclohexane

Concen: 56.850 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

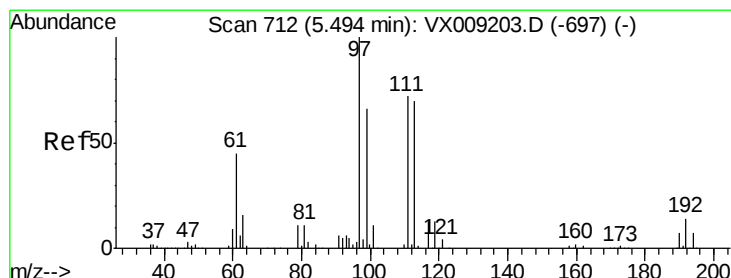
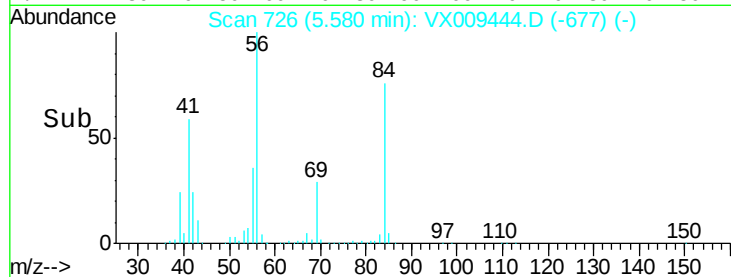
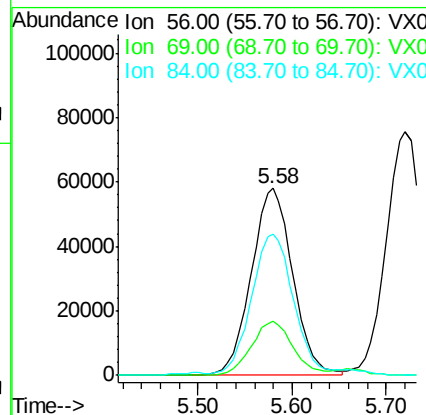
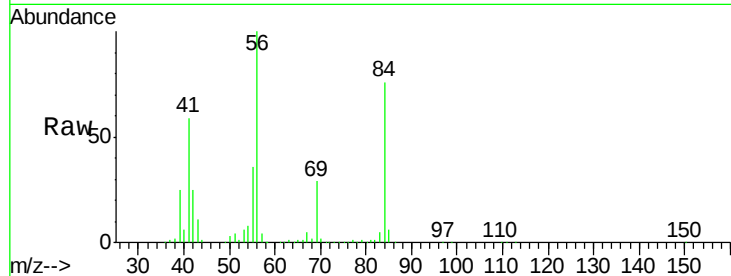
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	179324
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.4	35.0
84	74.4	61.9	92.9

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#32

1,1,1-Trichloroethane

Concen: 55.357 ug/l

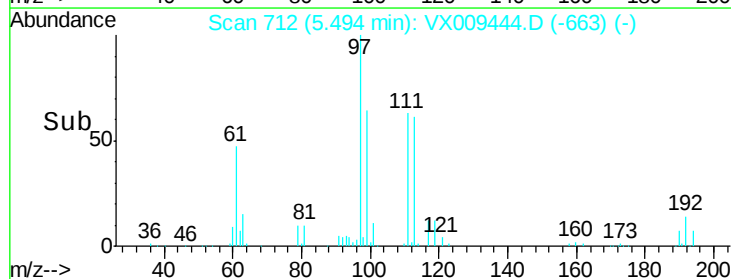
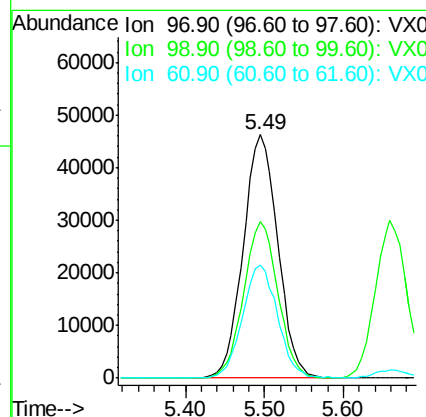
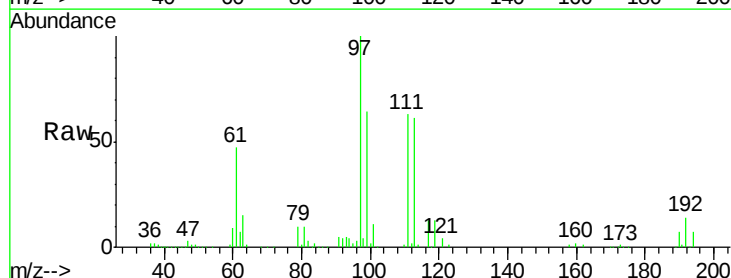
RT: 5.49 min Scan# 712

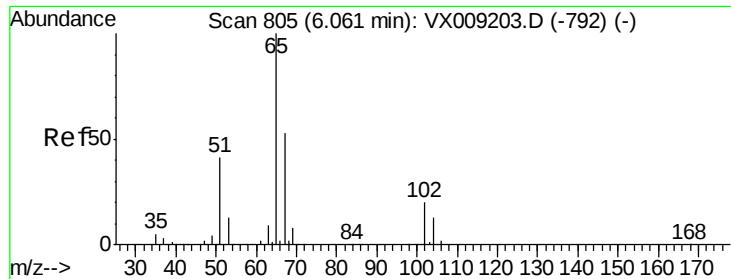
Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Tgt Ion:	97	Resp:	141308
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.8
61	47.1	37.8	56.8





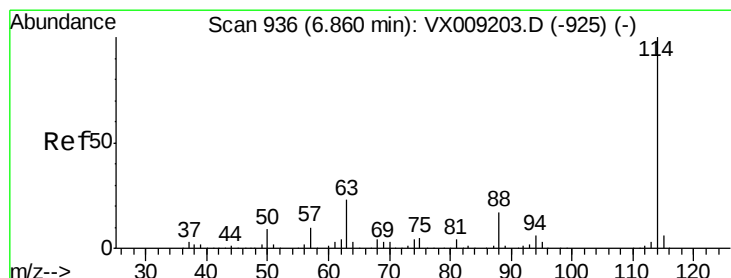
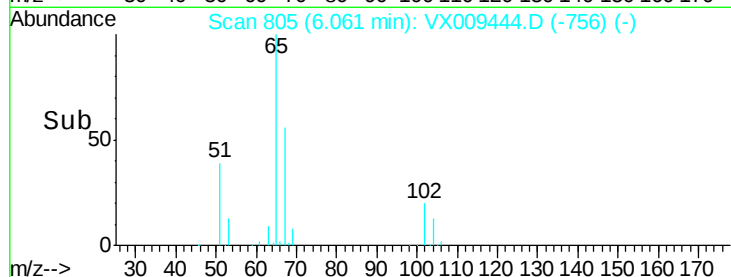
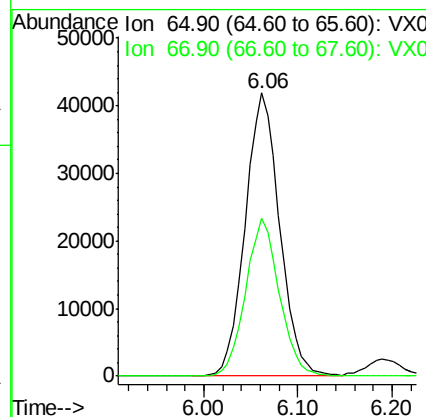
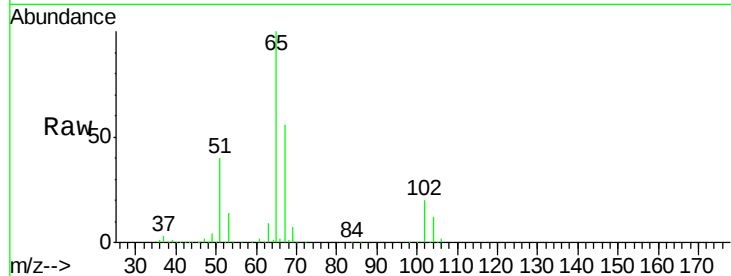
#33
 1,2-Dichloroethane-d4
 Concen: 50.237 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009444.D
 Acq: 09 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	106.6

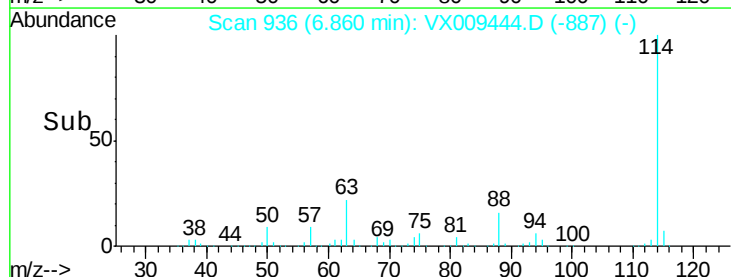
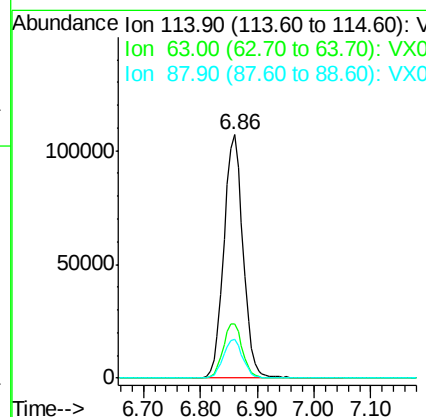
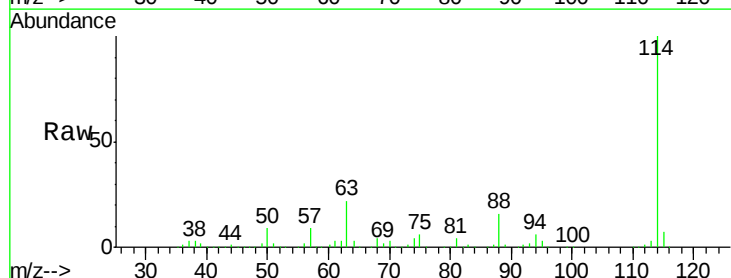
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009444.D
 Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.6
88	16.0	0.0	33.2





#35

Dibromofluoromethane

Concen: 51.554 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

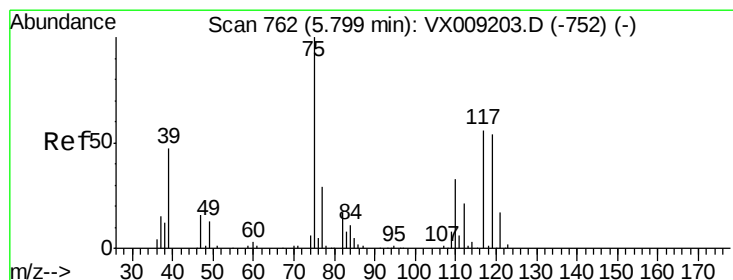
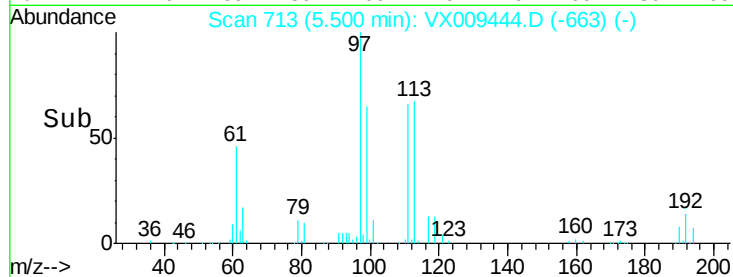
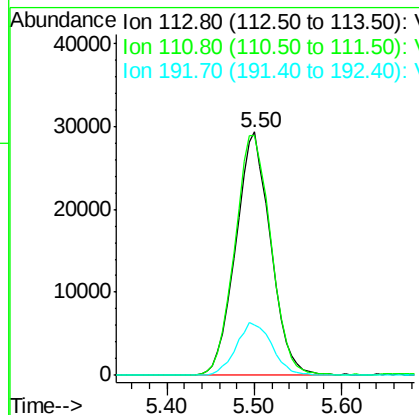
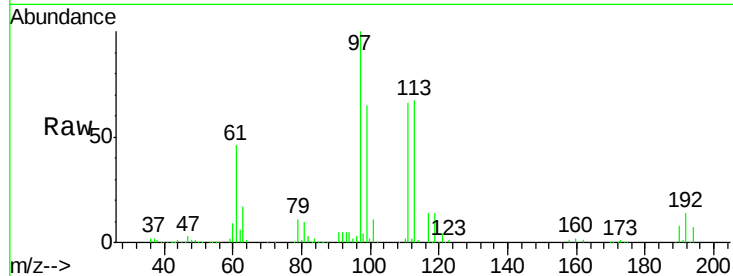
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	81116
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	22.3	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 56.605 ug/l

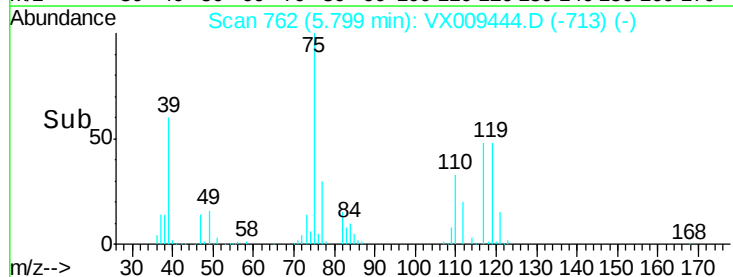
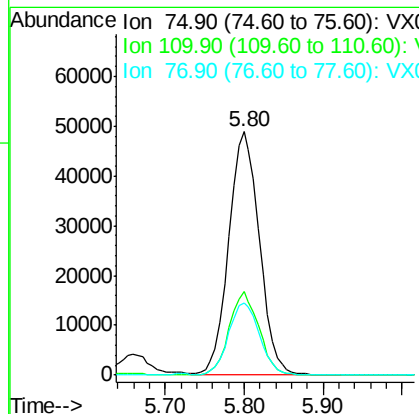
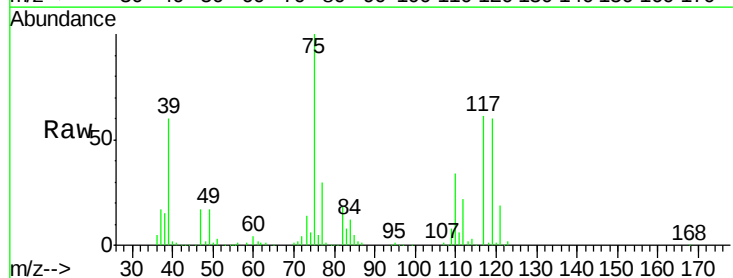
RT: 5.80 min Scan# 762

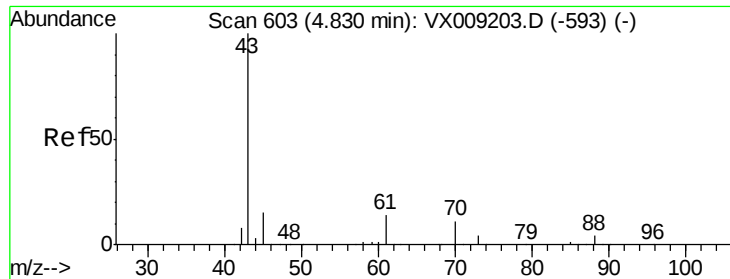
Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Tgt Ion:	75	Resp:	131661
Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.9	50.6
77	30.5	24.8	37.2





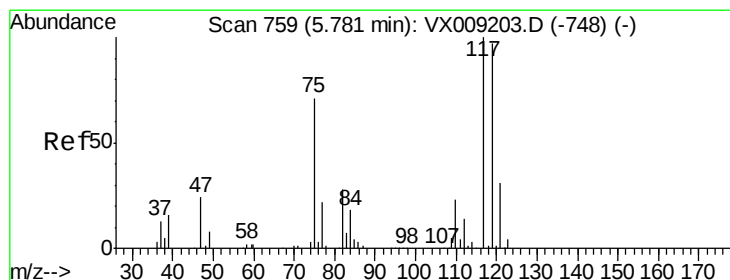
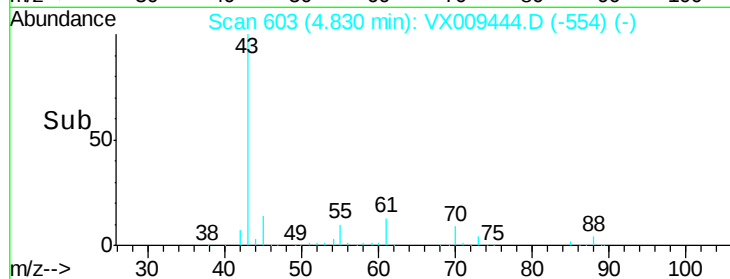
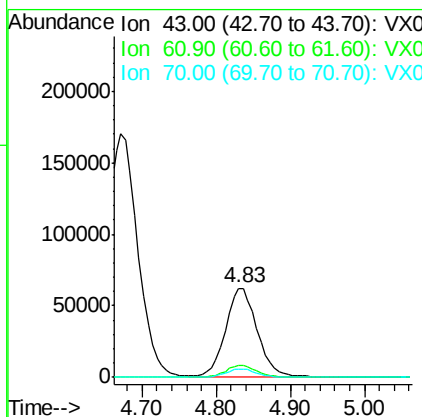
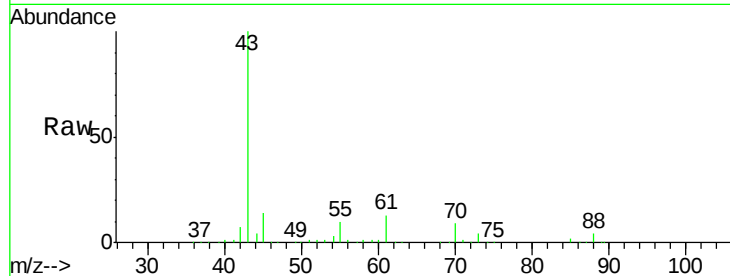
#37
Ethyl Acetate
Concen: 56.603 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.5	15.7
70	9.4	7.9	11.9

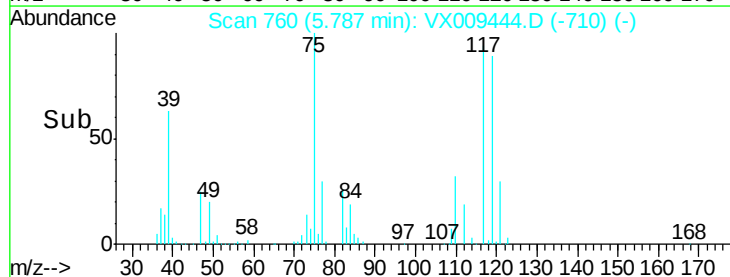
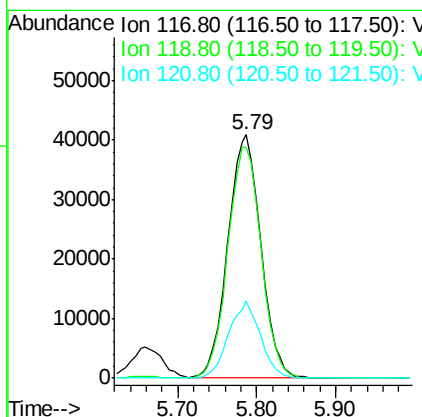
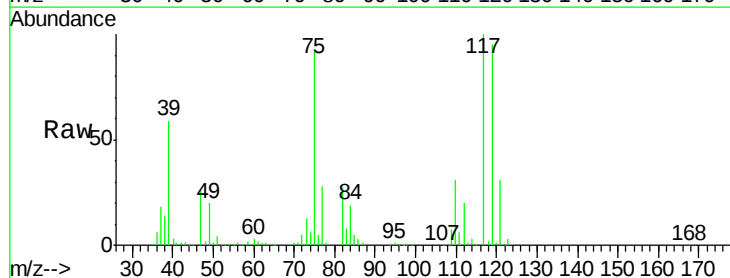
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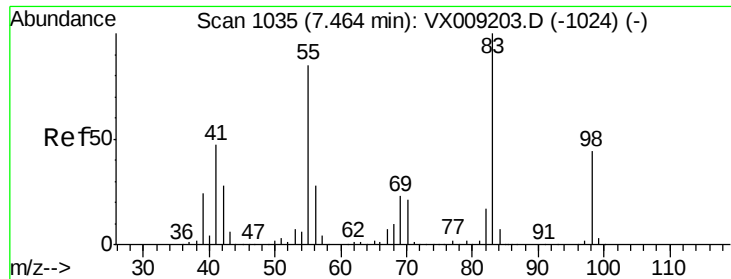
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#38
Carbon Tetrachloride
Concen: 56.381 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.5	116.3
121	31.5	24.7	37.1





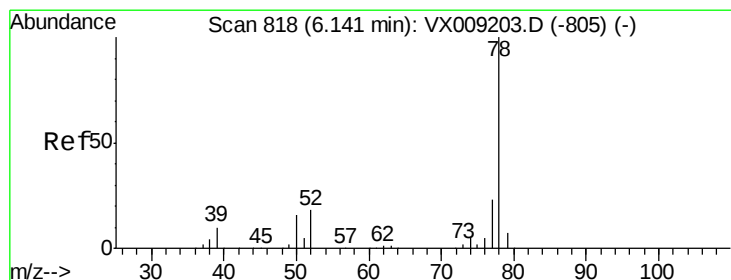
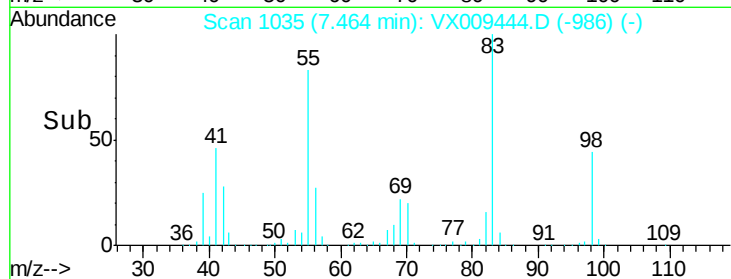
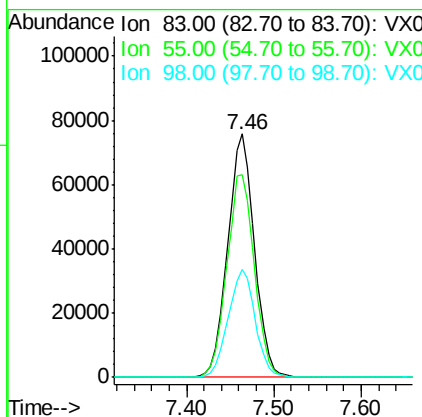
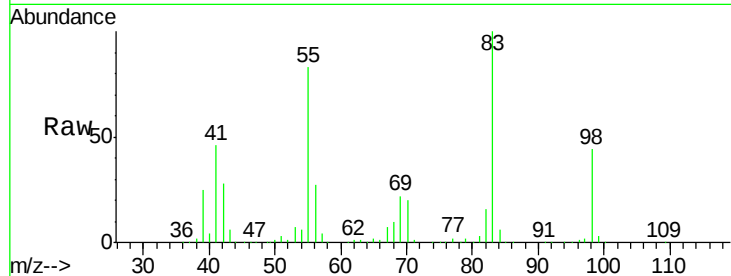
#39
Methvlcvclohexane
Concen: 56.422 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.3	67.7	101.5
98	44.2	35.5	53.3

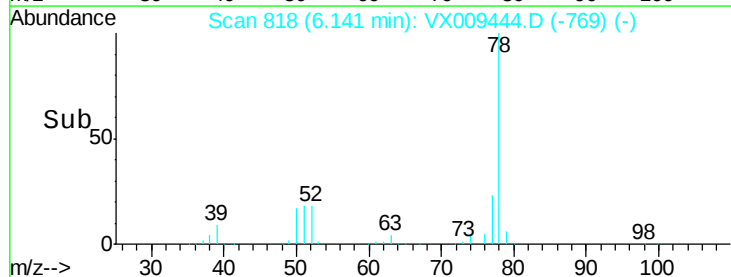
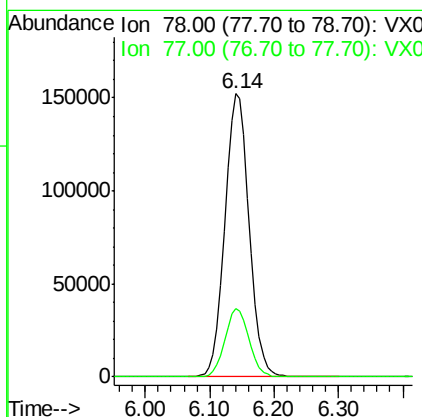
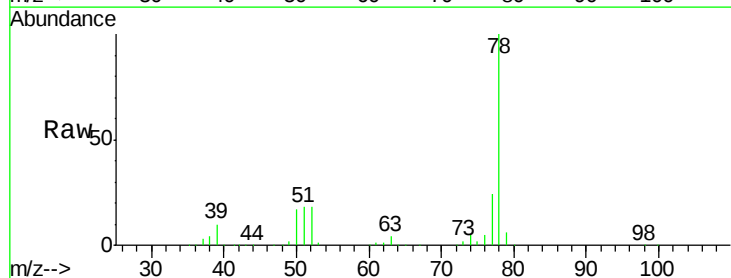
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#40
Benzene
Concen: 56.168 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





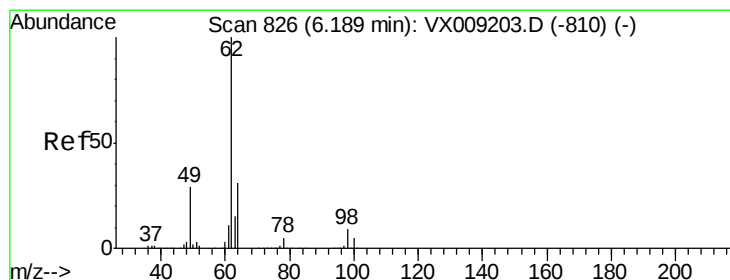
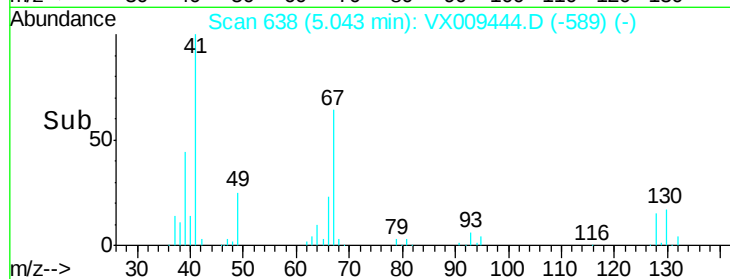
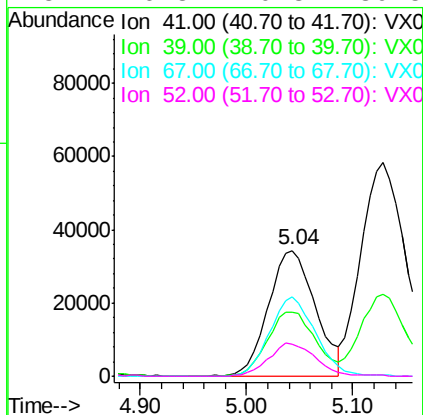
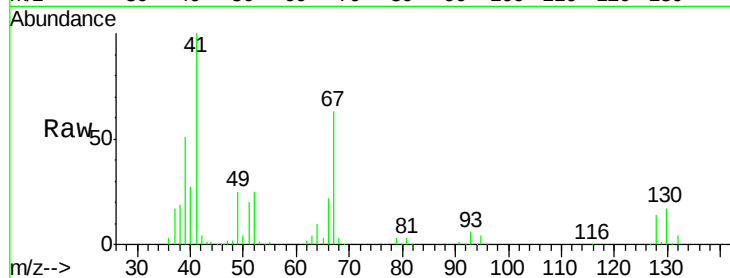
#41
Methacrylonitrile
Concen: 54.464 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.1	42.0	63.0	
67	62.0	49.8	74.8	
52	26.8	20.3	30.5	

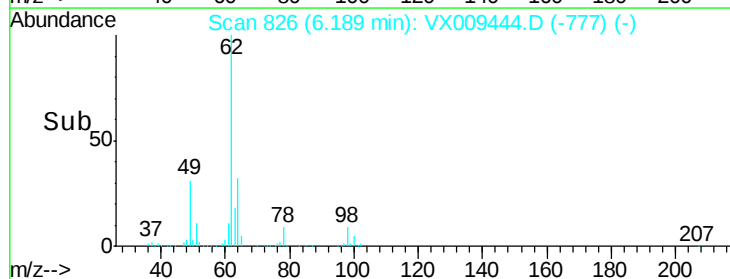
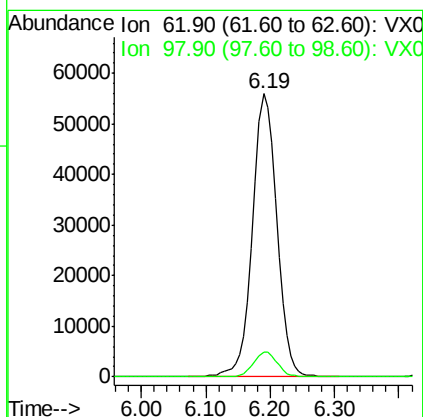
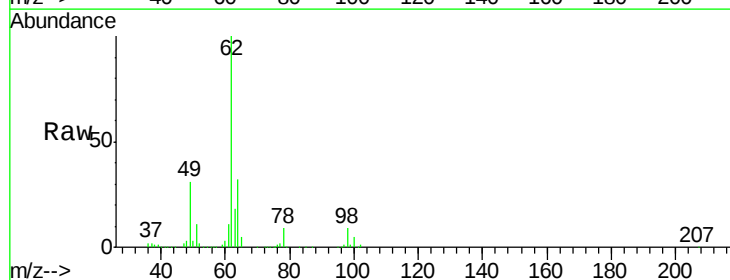
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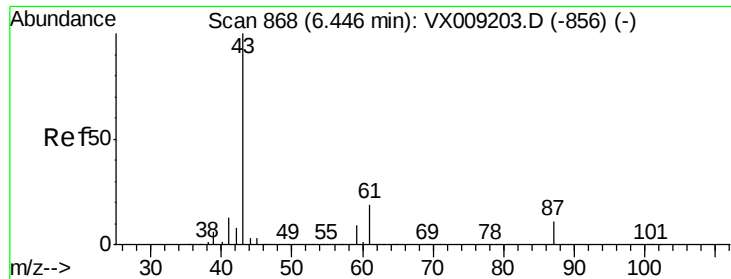
MMDadoda
5/10/2019 1:12:30 PM



#42
1,2-Dichloroethane
Concen: 55.973 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	18.2	





#43

Isopropyl Acetate

Concen: 55.821 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

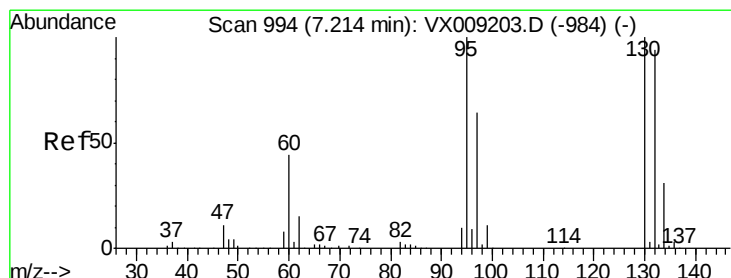
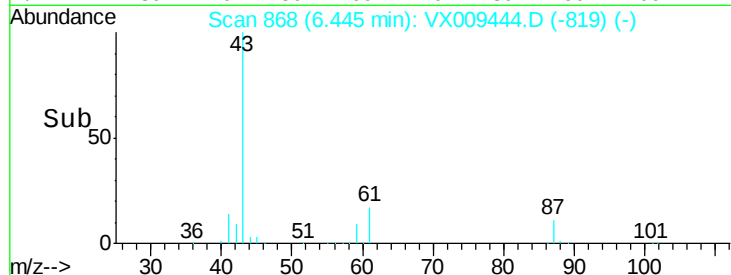
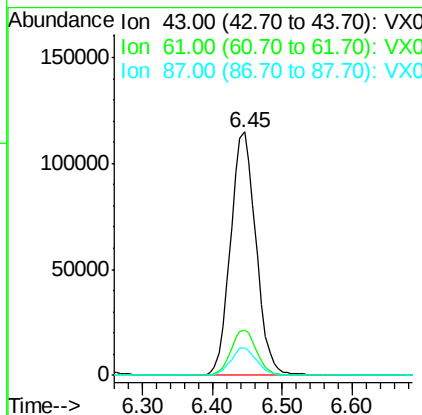
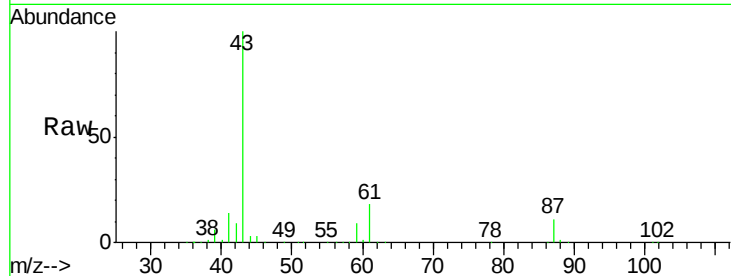
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	289360
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.1	22.7
87	11.5	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 55.299 ug/l

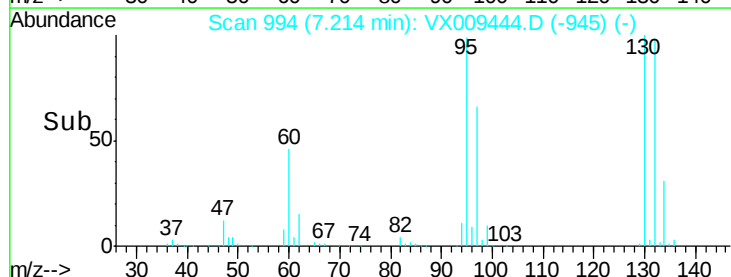
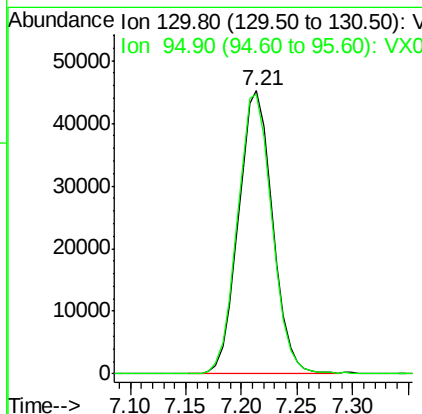
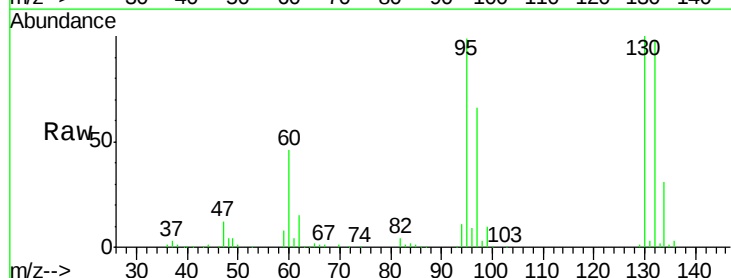
RT: 7.21 min Scan# 994

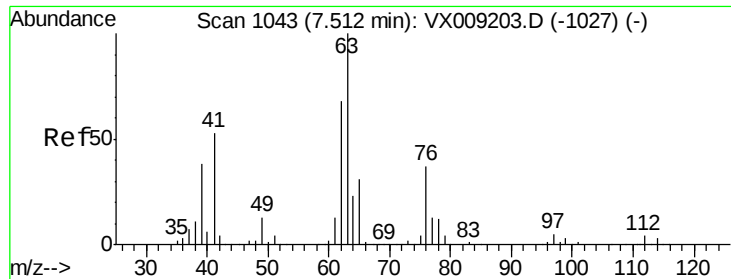
Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Tgt Ion:	130	Resp:	96234
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	199.2





#45

1,2-Dichloropropane

Concen: 55.528 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 113184

Ion Ratio Lower Upper

63 100

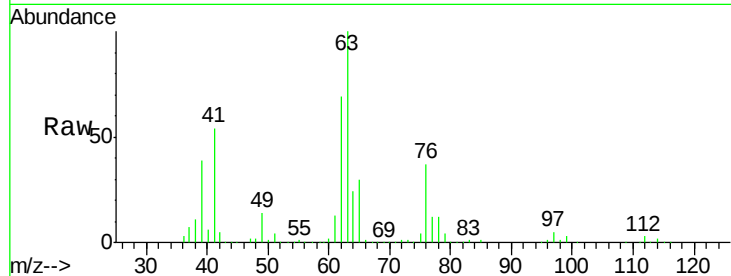
65 30.0 25.0 37.6

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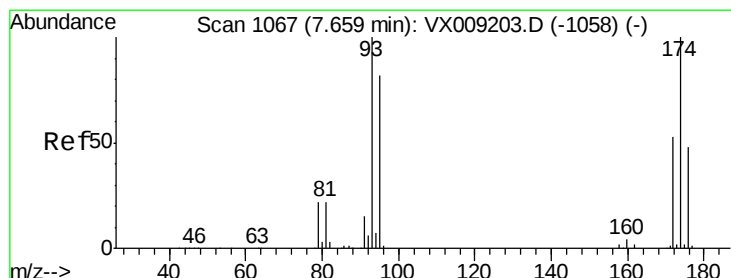
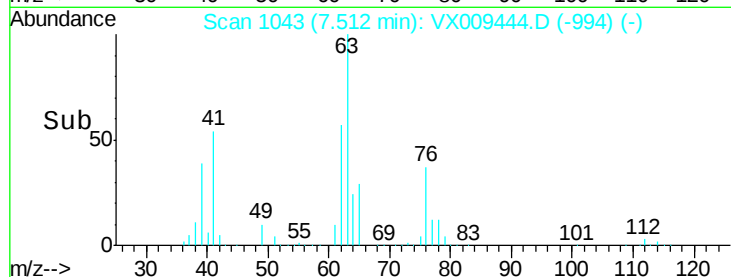
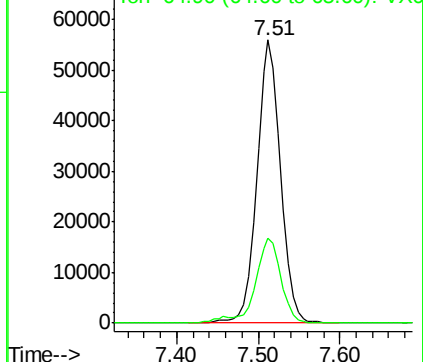
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 55.398 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

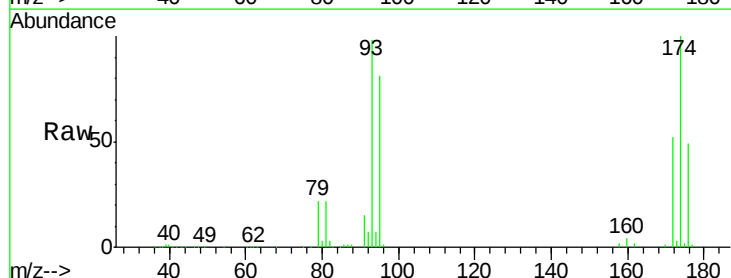
Tgt Ion: 93 Resp: 65572

Ion Ratio Lower Upper

93 100

95 82.4 66.5 99.7

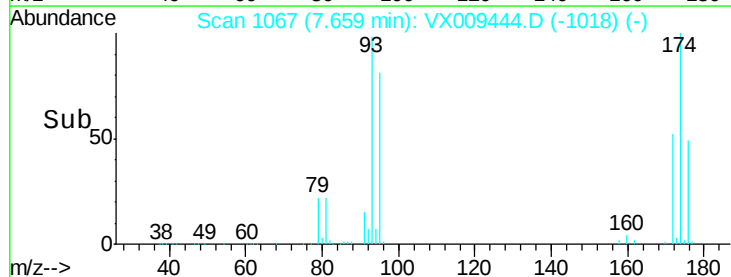
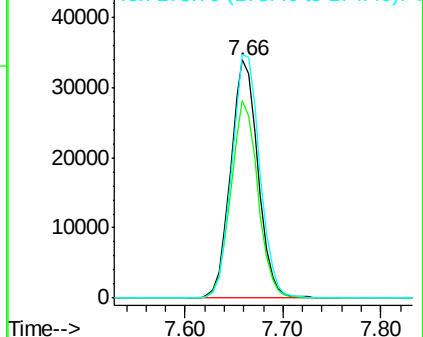
174 104.7 82.1 123.1

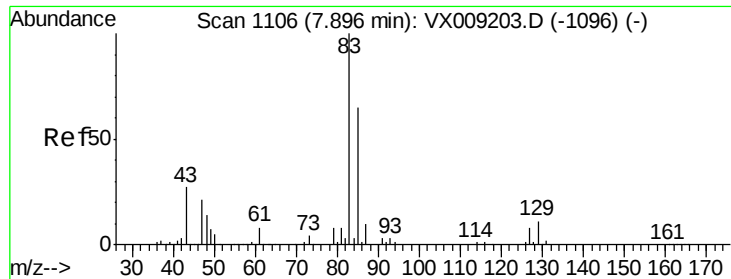


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.860 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

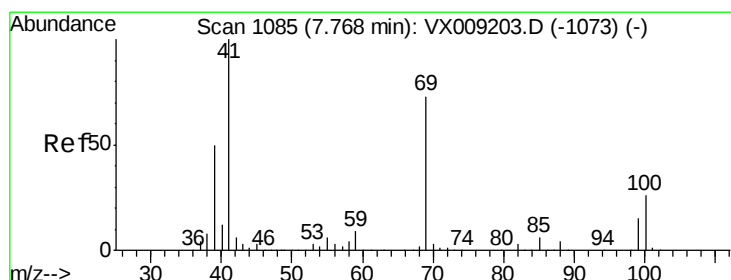
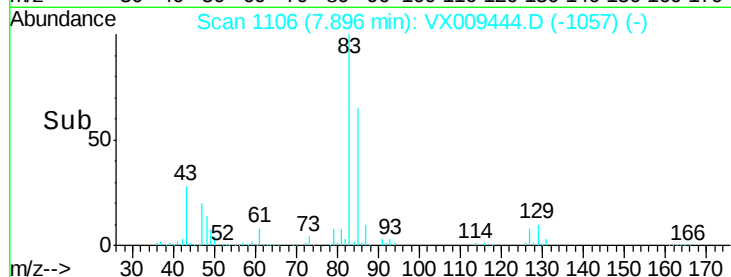
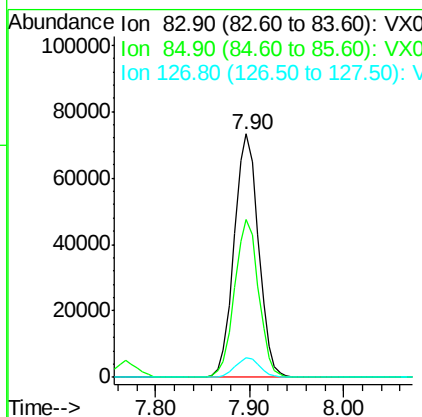
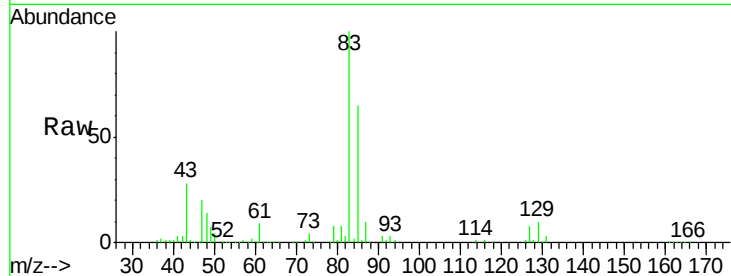
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	131890
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.4	78.6
127	8.3	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.185 ug/l

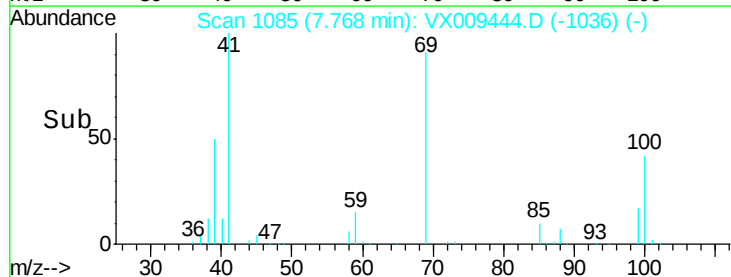
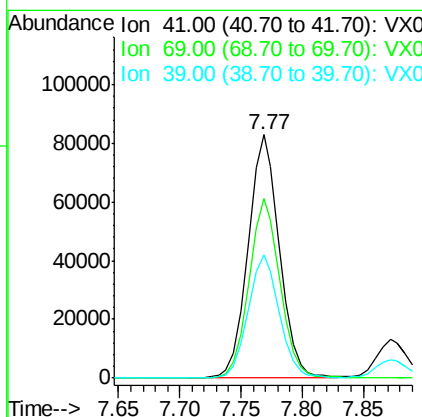
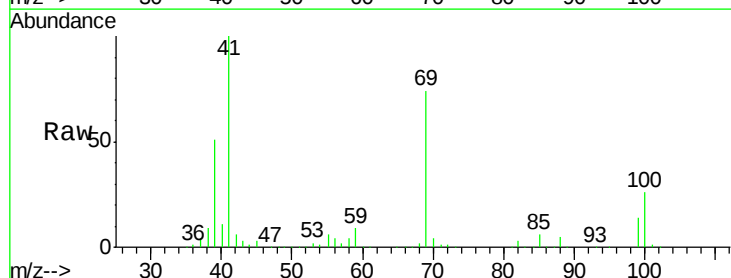
RT: 7.77 min Scan# 1085

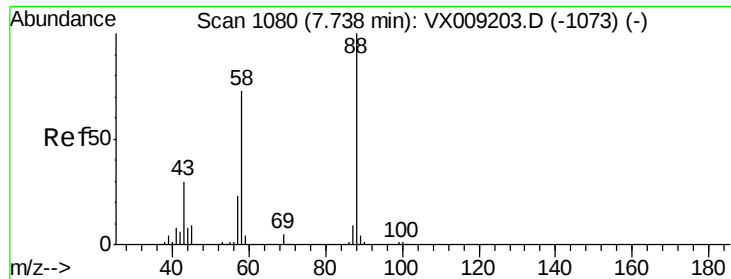
Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Tgt Ion:	41	Resp:	147068
Ion Ratio	Lower	Upper	
41	100		
69	73.9	59.1	88.7
39	50.6	40.4	60.6





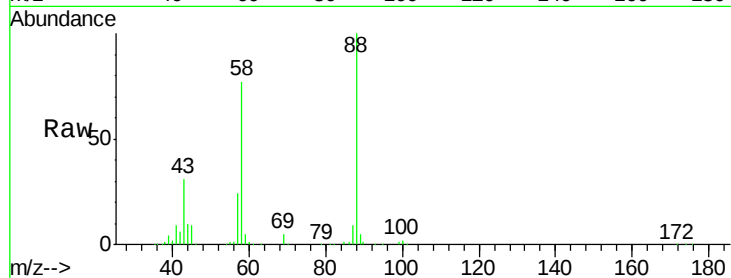
#49
1,4-Dioxane
Concen: 1134.722 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

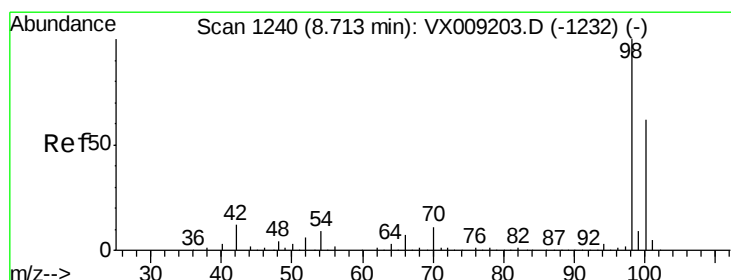
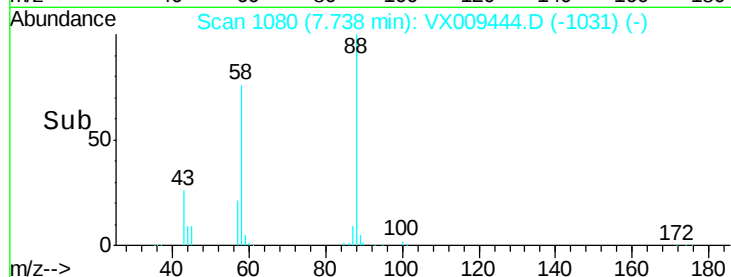
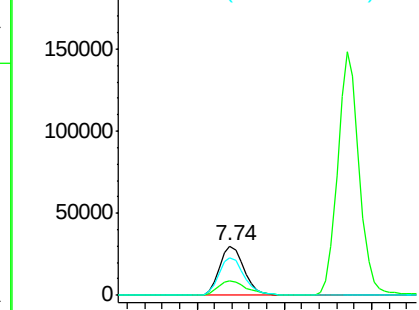
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	28.6	42.8
58	78.2	61.7	92.5

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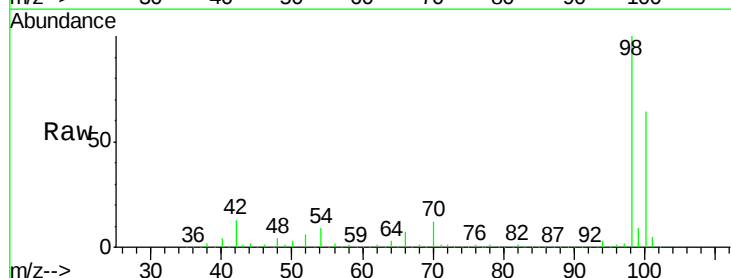


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

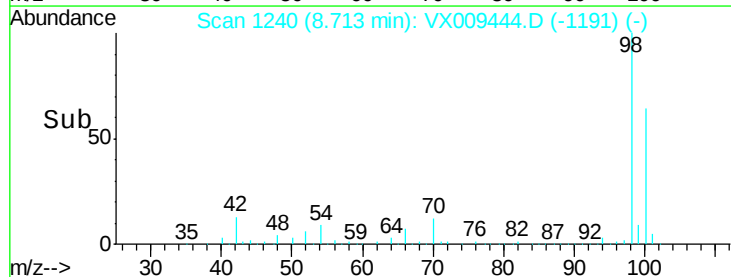
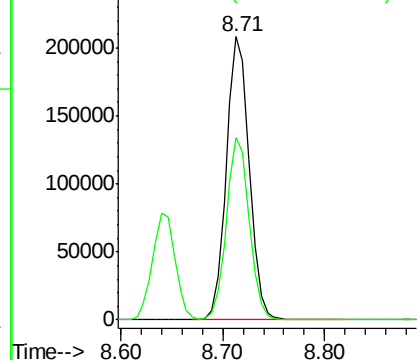


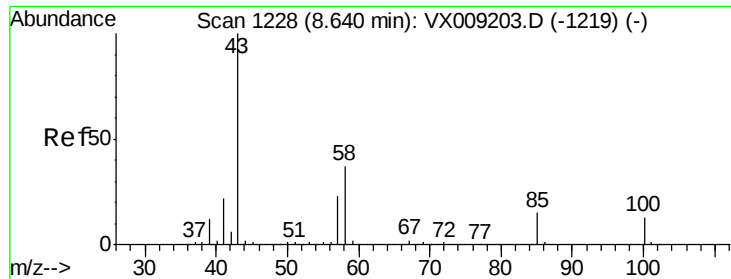
#50
Toluene-d8
Concen: 50.891 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





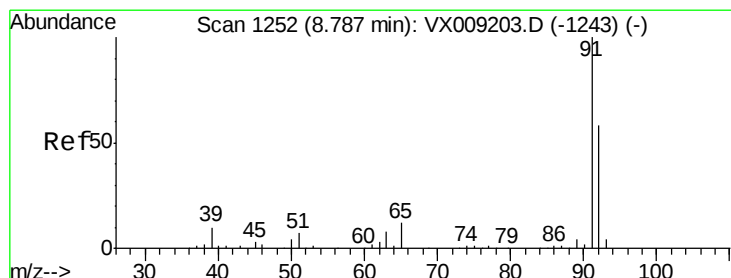
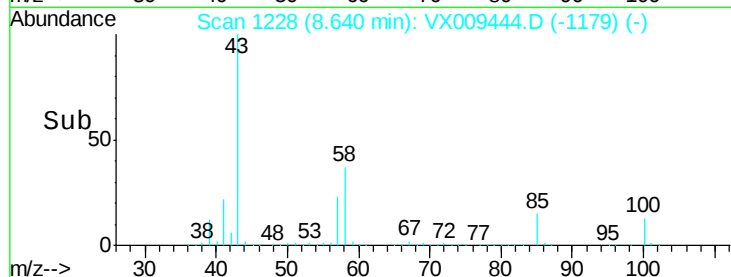
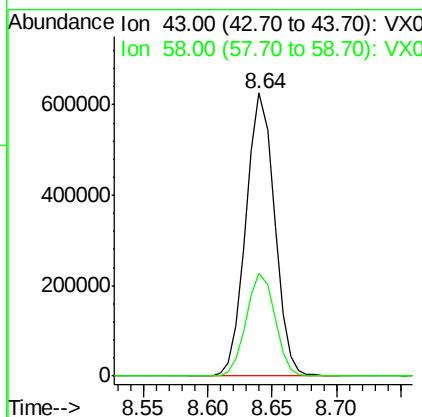
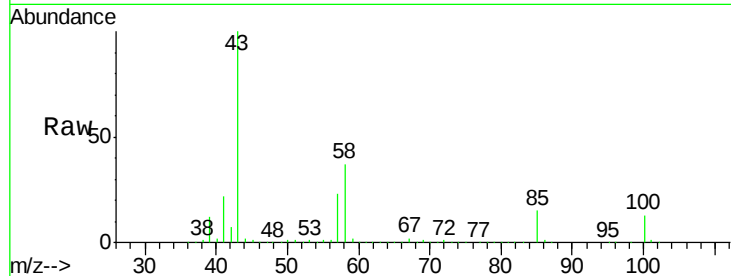
#51
4-Methyl-2-Pentanone
Concen: 283.370 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.5	44.3

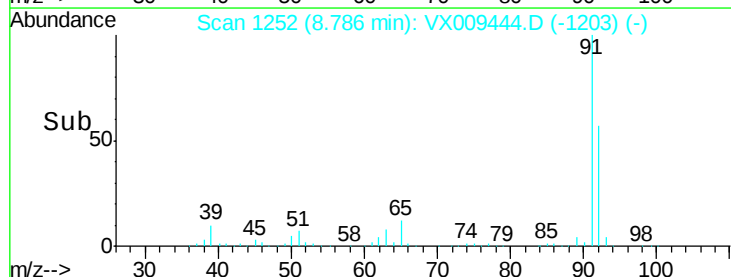
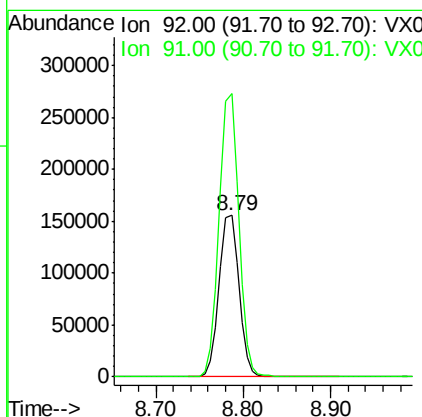
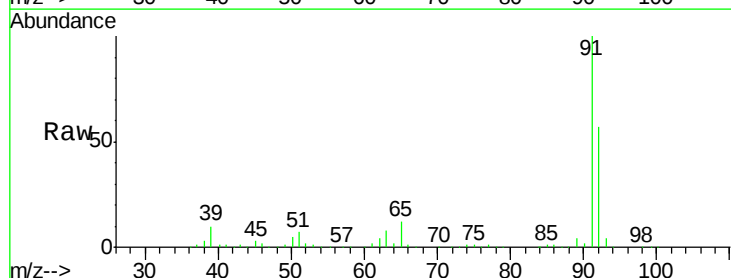
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#52
Toluene
Concen: 56.498 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	138.8	208.2





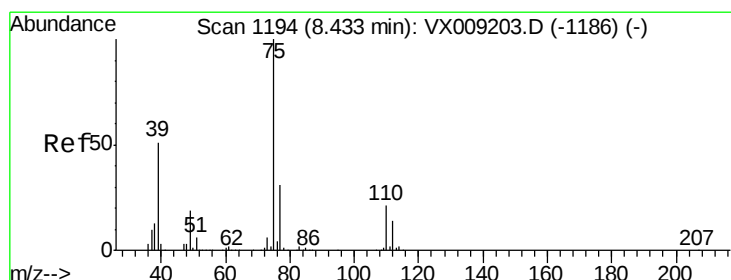
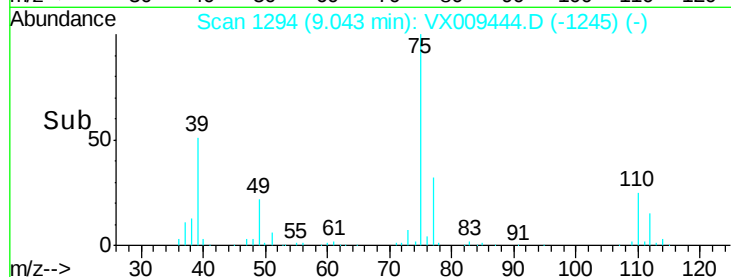
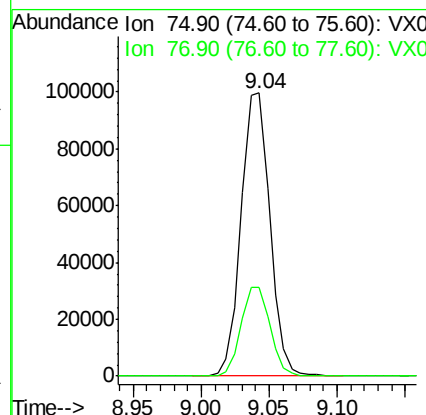
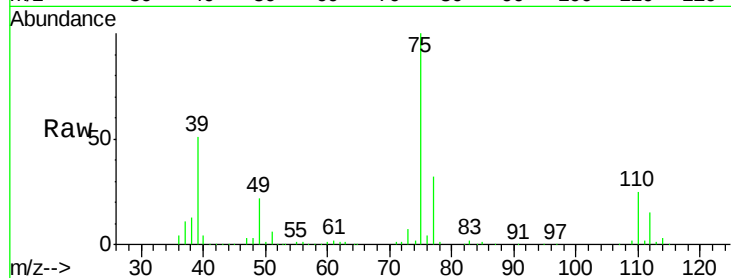
#53
t-1,3-Dichloropropene
Concen: 55.447 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	75	Resp	147804
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.0	37.6

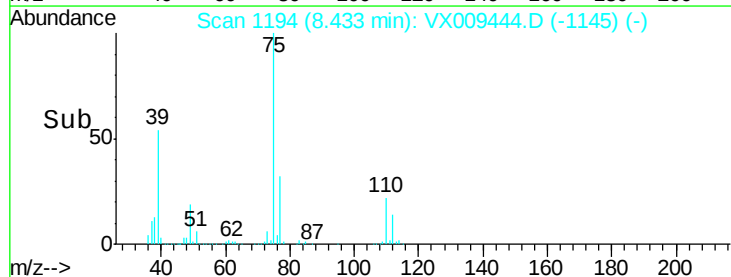
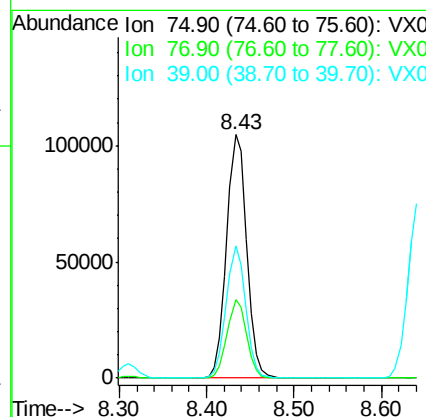
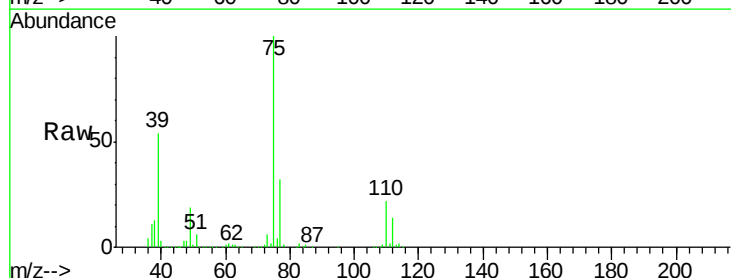
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 56.471 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	75	Resp	166619
Ion Ratio	Lower	Upper	
75	100		
77	32.3	24.6	36.8
39	54.4	40.6	60.8





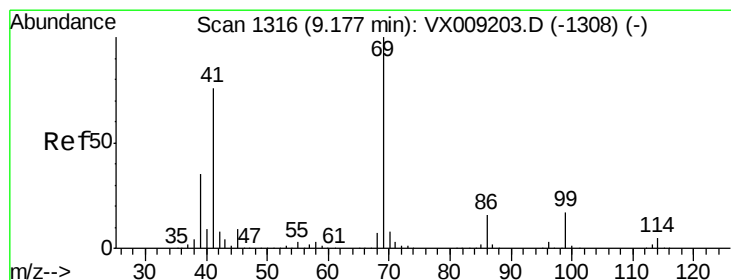
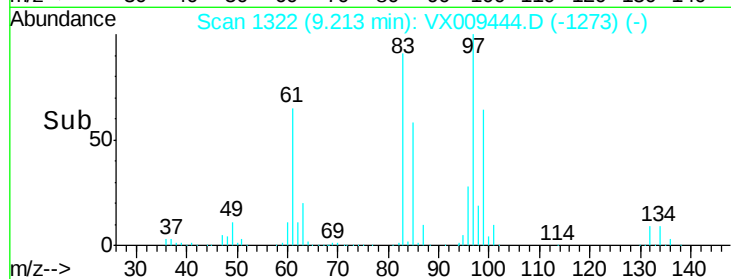
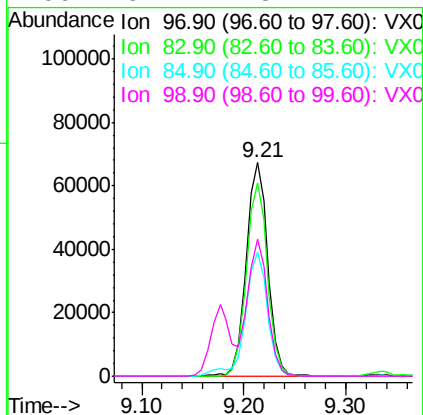
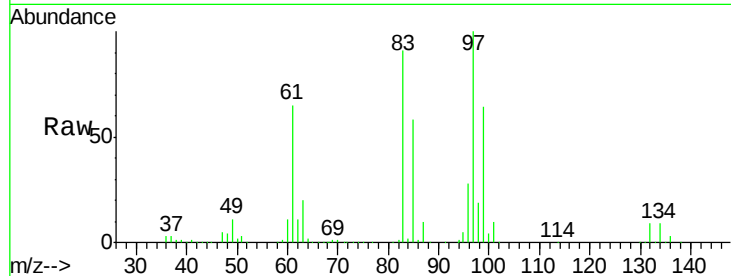
#55
 1,1,2-Trichloroethane
 Concen: 55.542 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009444.D
 Acq: 09 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	99152
Ion	Ratio	Lower	Upper
97	100		
83	90.6	68.9	103.3
85	58.2	43.8	65.6
99	64.2	48.2	72.2

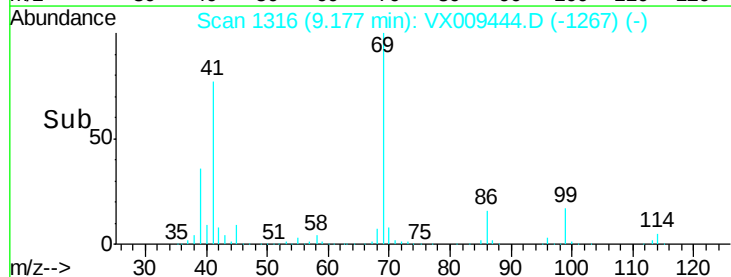
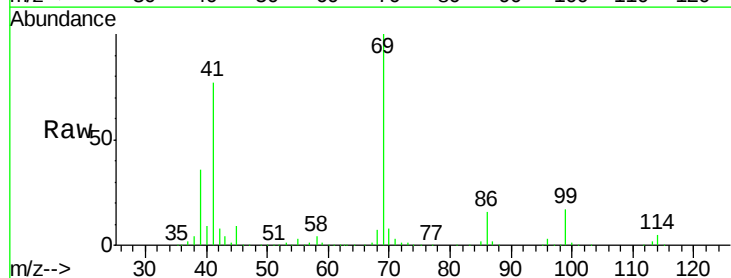
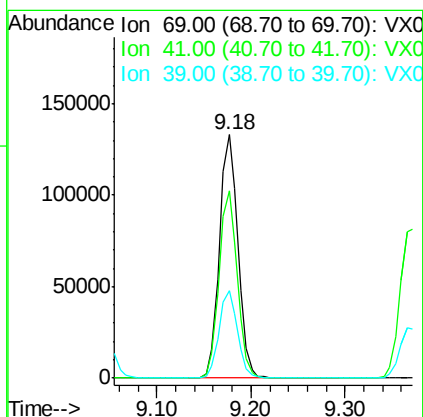
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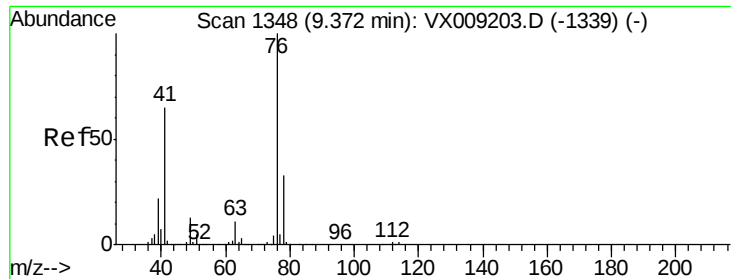
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#56
 Ethyl methacrylate
 Concen: 56.865 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009444.D
 Acq: 09 May 2019 22:01

Tgt Ion:	69	Resp:	181208
Ion	Ratio	Lower	Upper
69	100		
41	75.9	60.6	90.8
39	35.6	28.2	42.4





#57

1,3-Dichloropropane

Concen: 55.945 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 175750

Ion Ratio Lower Upper

76 100

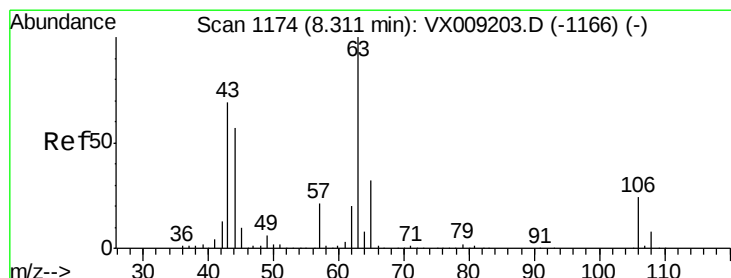
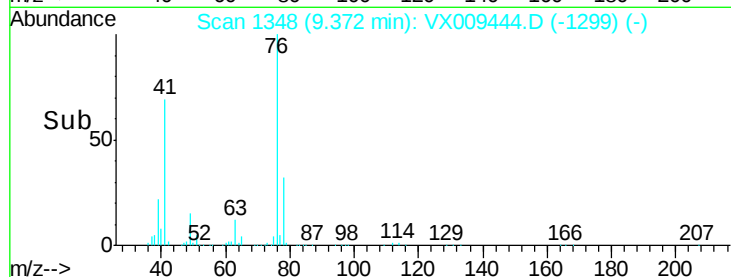
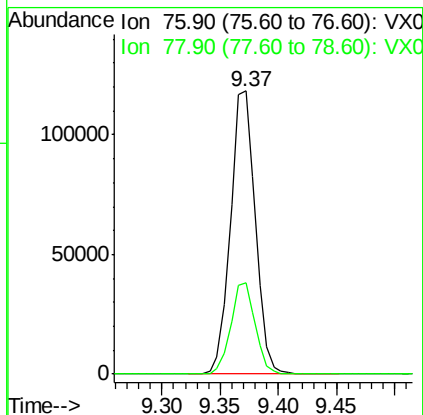
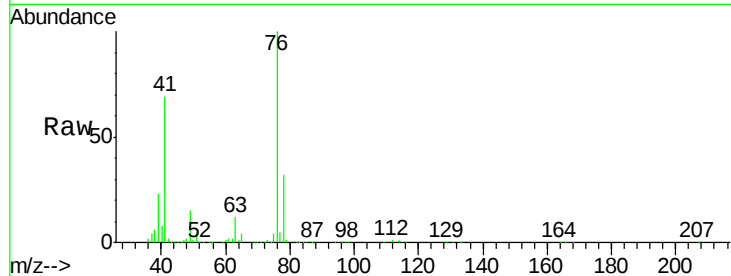
78 31.8 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 257.515 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009444.D

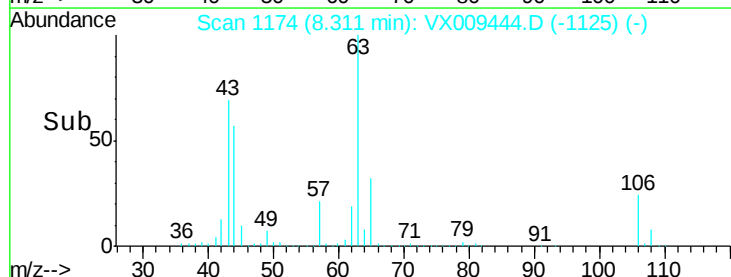
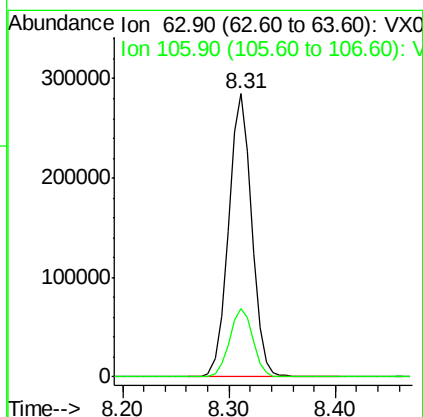
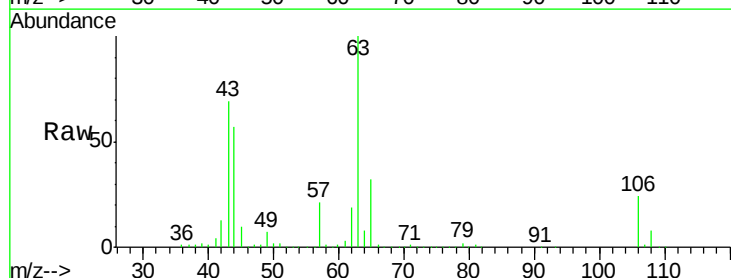
Acq: 09 May 2019 22:01

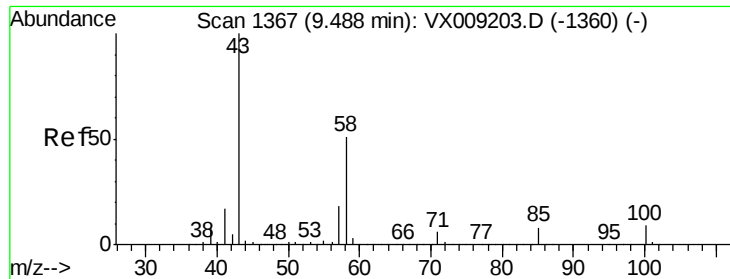
Tgt Ion: 63 Resp: 435331

Ion Ratio Lower Upper

63 100

106 24.5 19.7 29.5





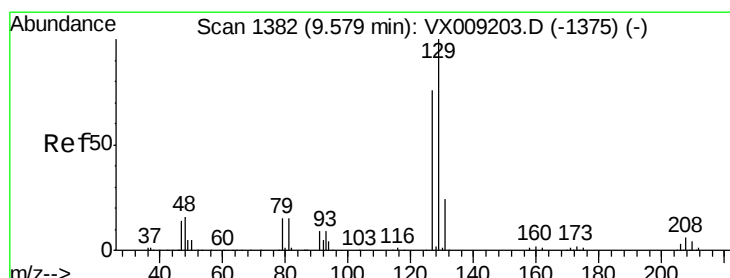
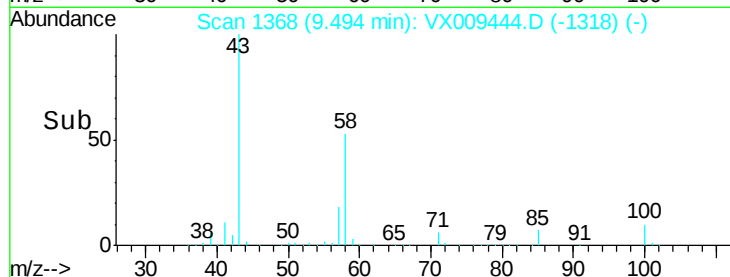
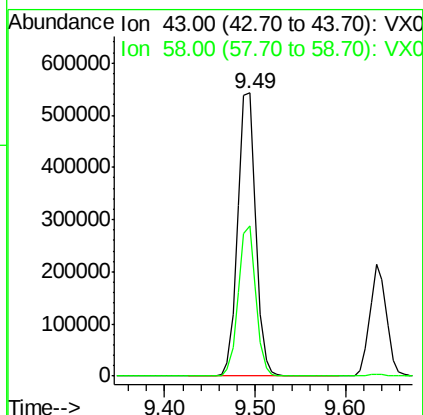
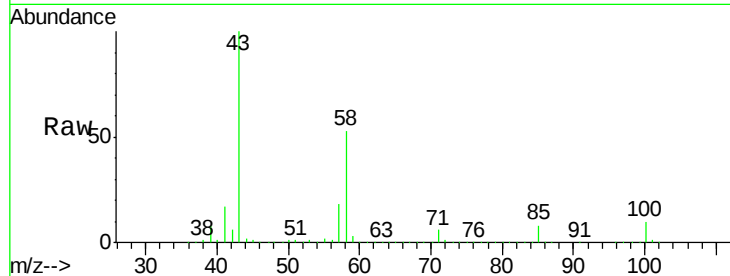
#59
2-Hexanone
Concen: 281.417 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 748868
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7

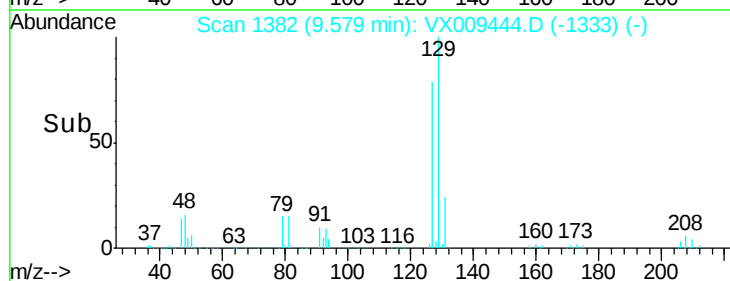
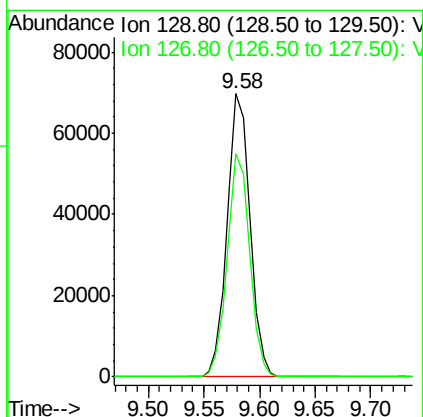
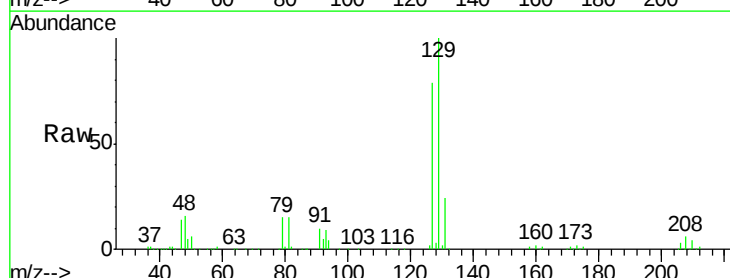
Manual Integrations
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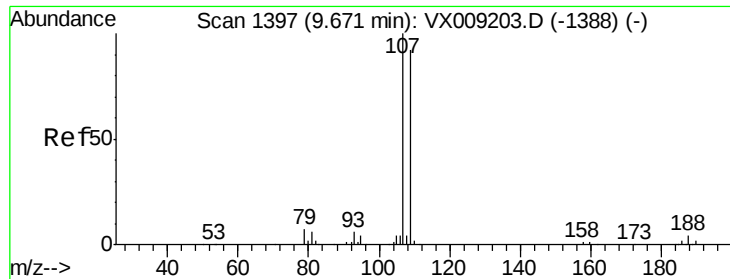
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5/10/2019 1:12:30 PM



#60
Dibromochloromethane
Concen: 56.954 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion:129 Resp: 99302
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 56.609 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 102011

Ion Ratio Lower Upper

107 100

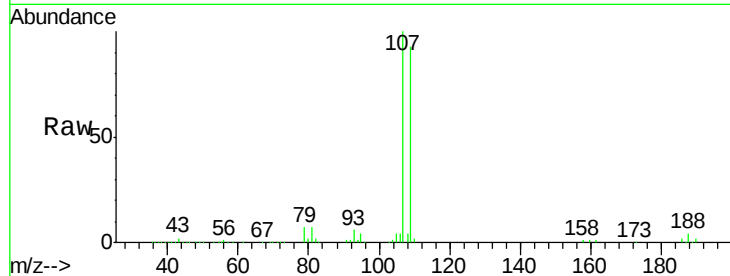
109 94.7 75.2 112.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

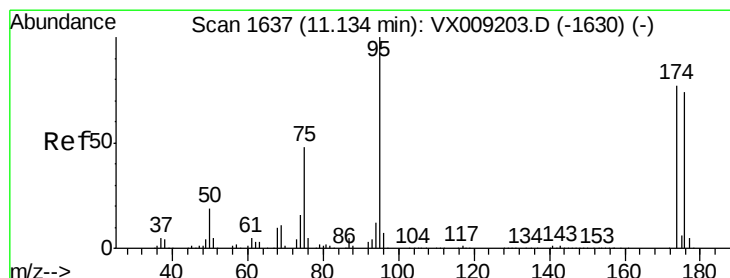
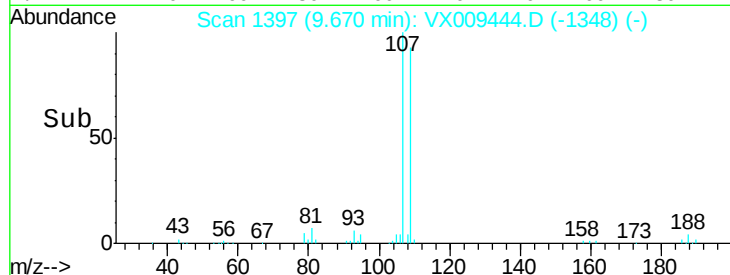
40000

20000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.806 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

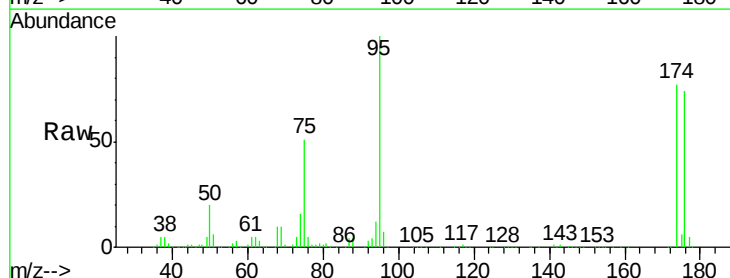
Tgt Ion: 95 Resp: 119577

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

176 80.1 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

60000

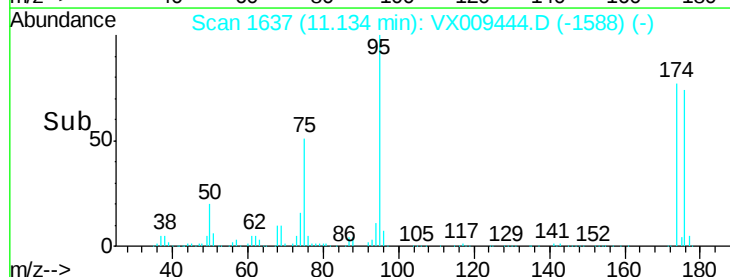
40000

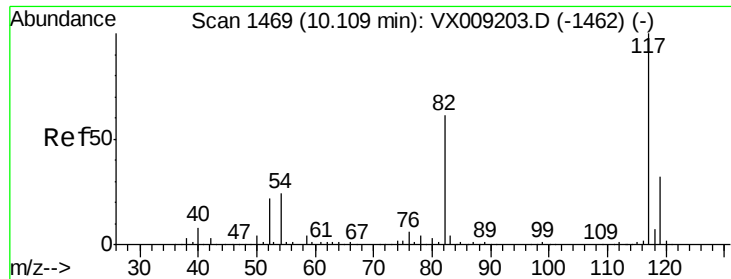
20000

0

11.10 11.20

Time-->





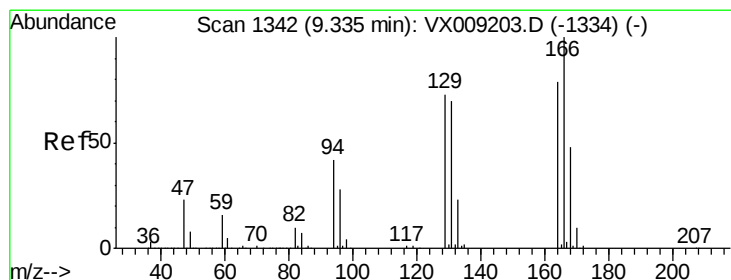
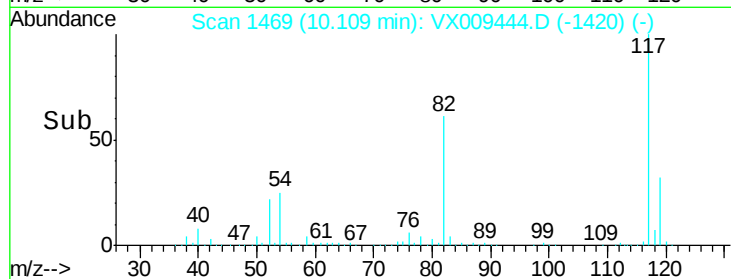
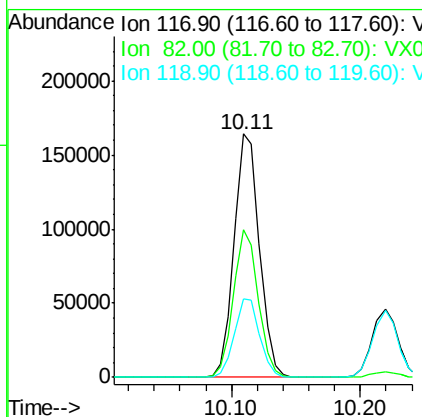
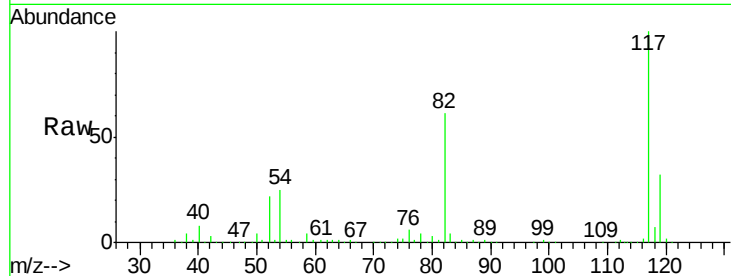
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	48.8	73.2
119	32.5	25.8	38.6

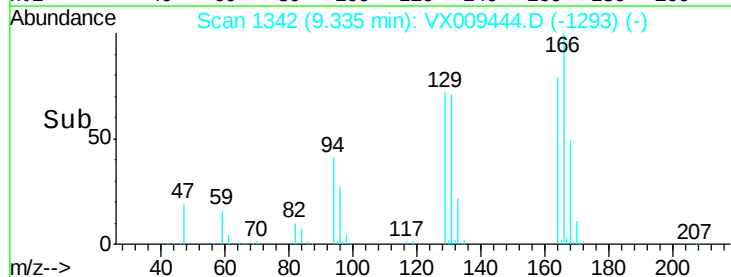
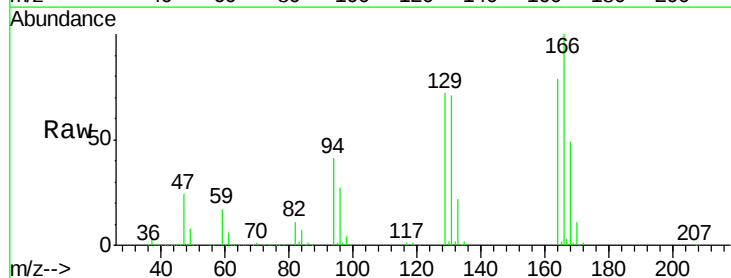
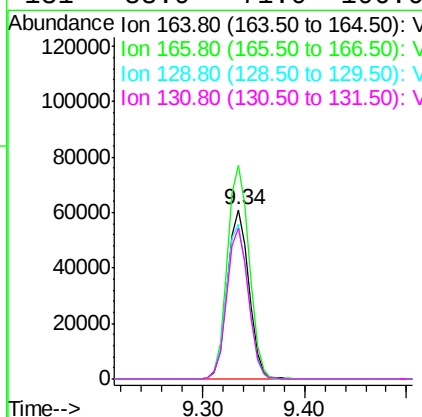
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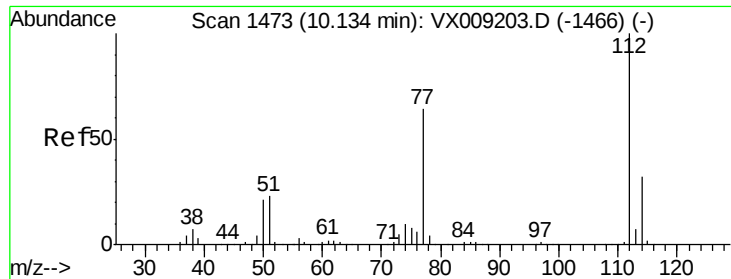
MMDadoda
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#64
Tetrachloroethene
Concen: 57.372 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	101.2	151.8
129	91.2	74.3	111.5
131	88.9	71.0	106.6





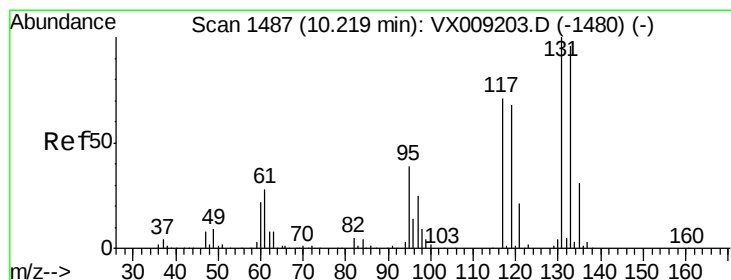
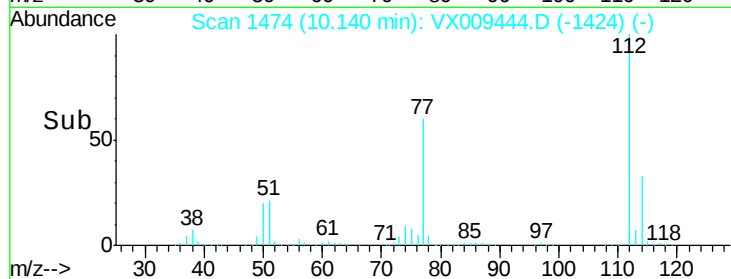
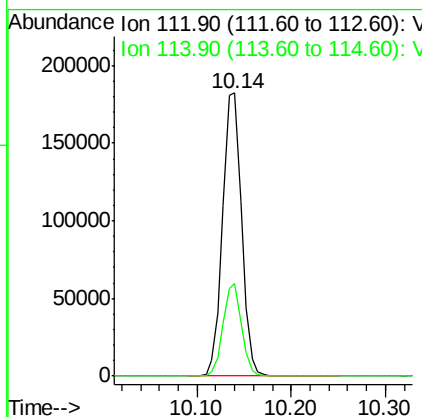
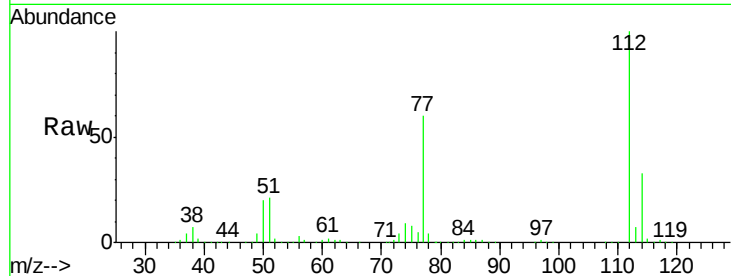
#65
Chlorobenzene
Concen: 56.678 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.5	38.3

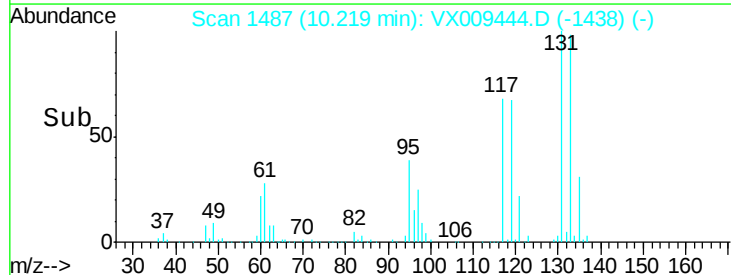
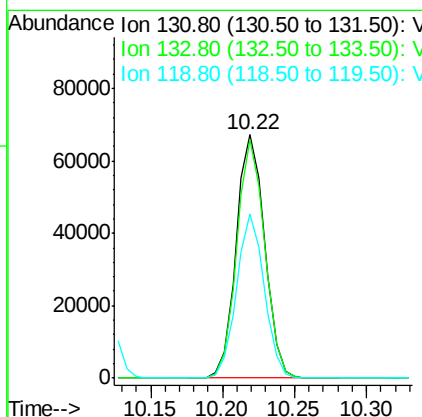
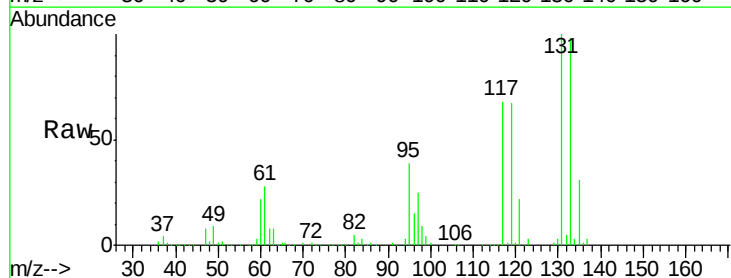
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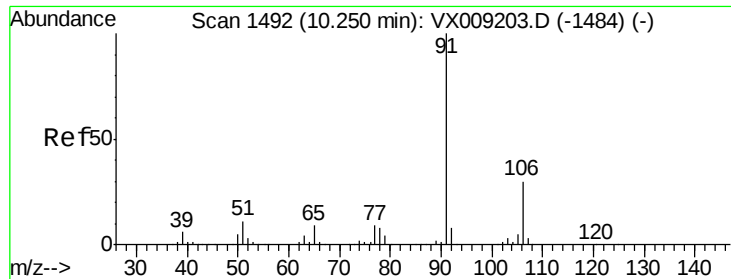
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.683 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.7	143.1
119	65.8	33.5	100.4





#67

Ethyl Benzene

Concen: 57.202 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 474560

Ion Ratio Lower Upper

91 100

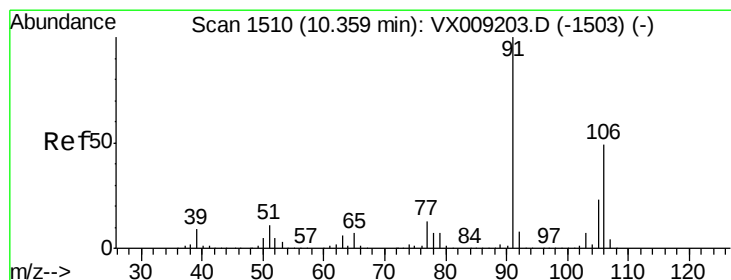
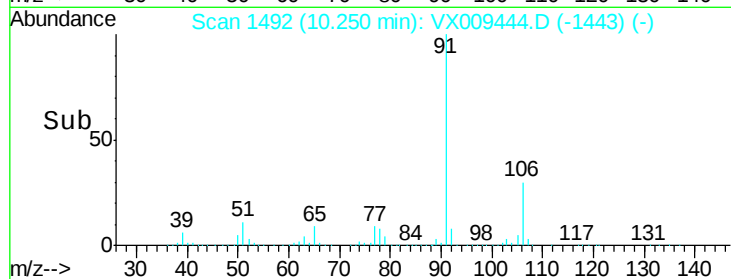
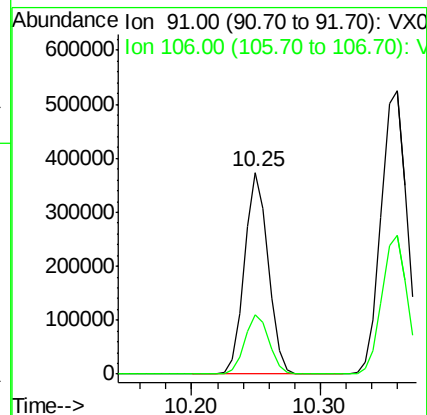
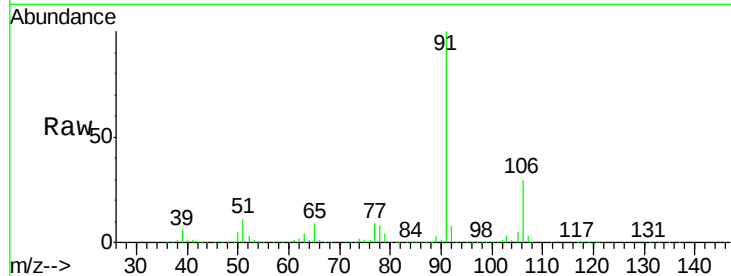
106 29.6 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 115.118 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009444.D

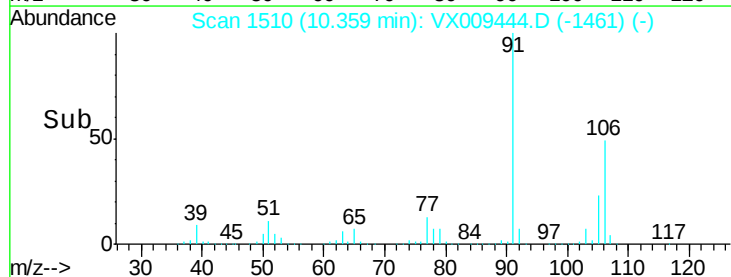
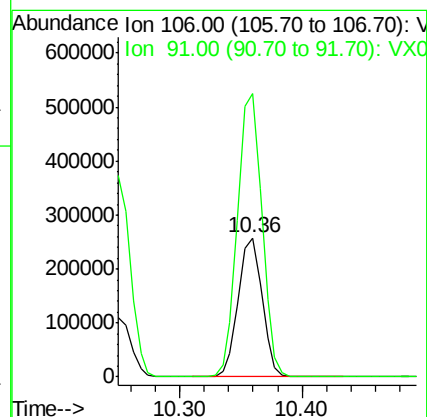
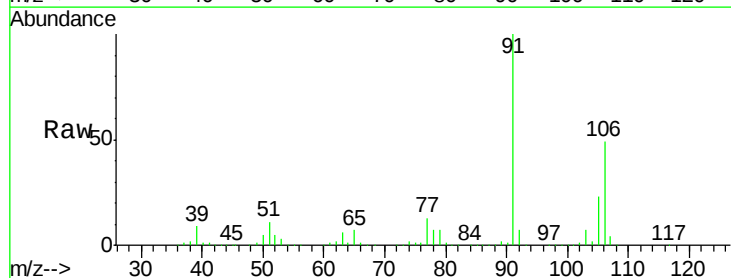
Acq: 09 May 2019 22:01

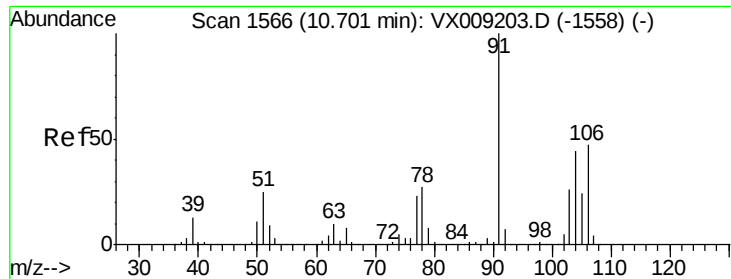
Tgt Ion: 106 Resp: 349006

Ion Ratio Lower Upper

106 100

91 207.7 164.0 246.0





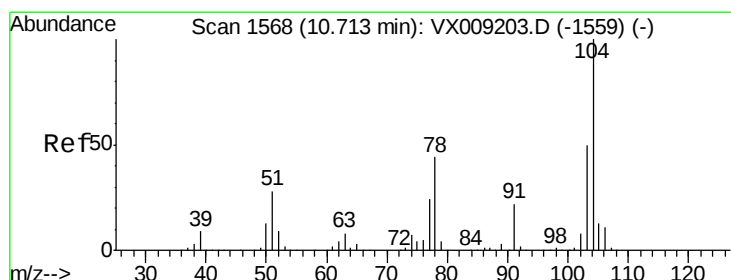
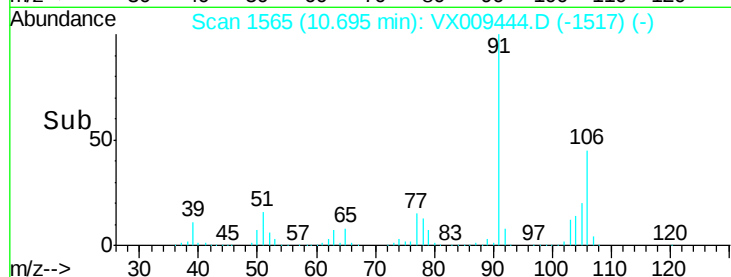
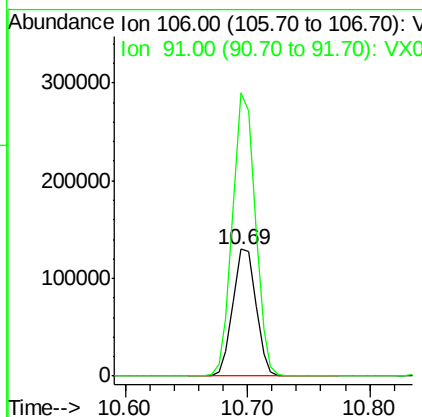
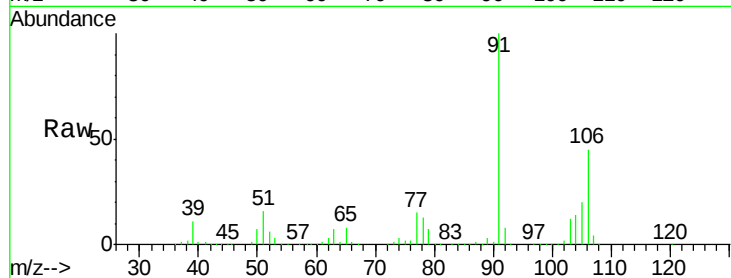
#69
o-Xylene
Concen: 57.131 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 170892
Ion Ratio Lower Upper
106 100
91 217.6 109.5 328.4

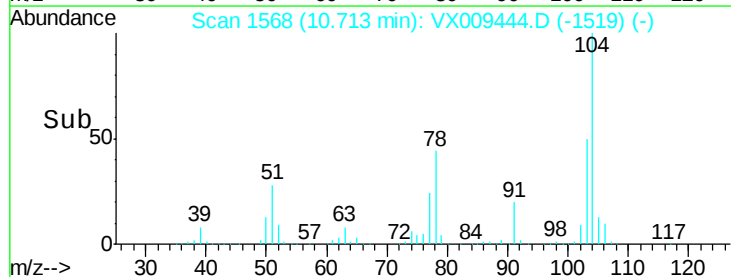
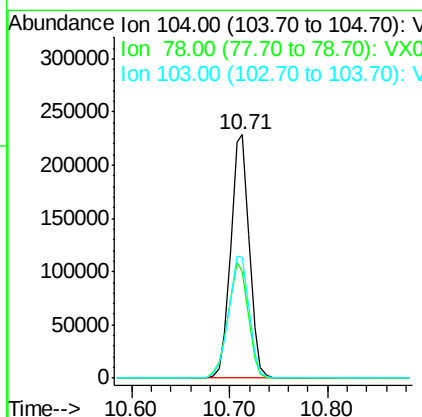
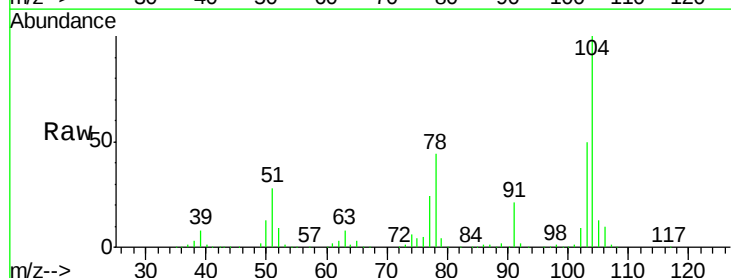
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#70
Styrene
Concen: 57.866 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion:104 Resp: 300846
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 55.2 43.8 65.6





#71

Bromoform

Concen: 57.175 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 75935

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

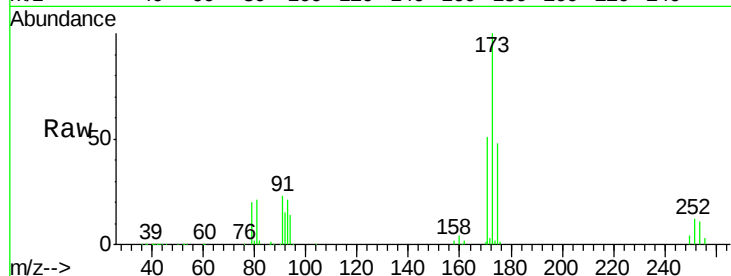
254 0.0 0.1 0.1#

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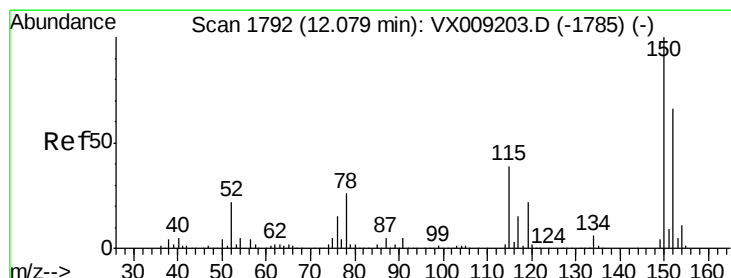
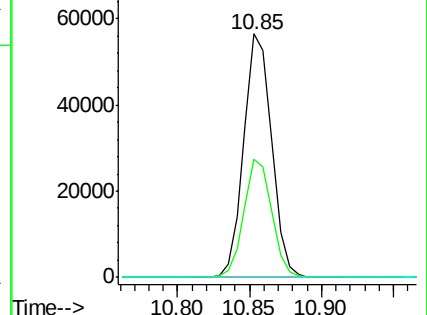
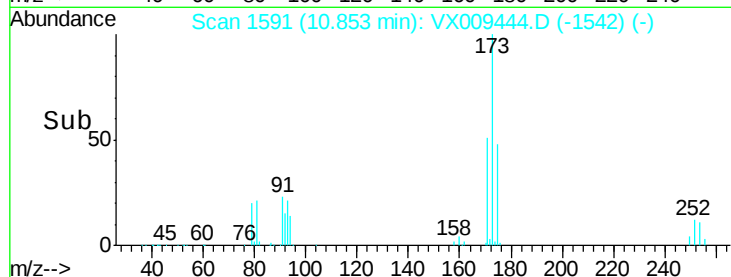
5/10/2019 1:12:30 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

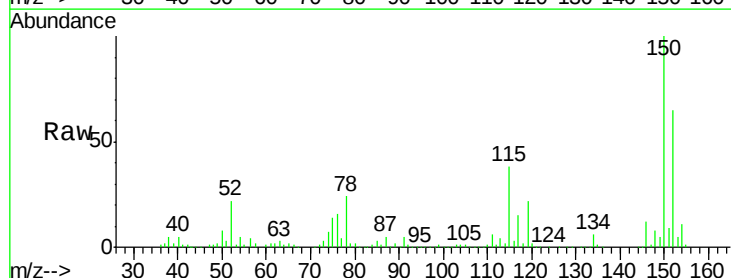
Tgt Ion:152 Resp: 115510

Ion Ratio Lower Upper

152 100

115 82.5 41.2 123.6

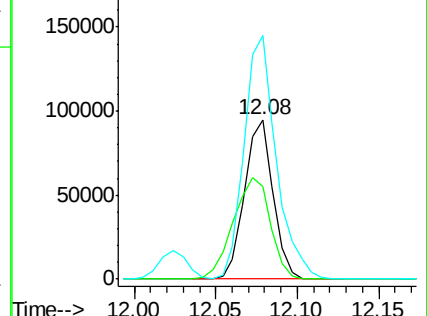
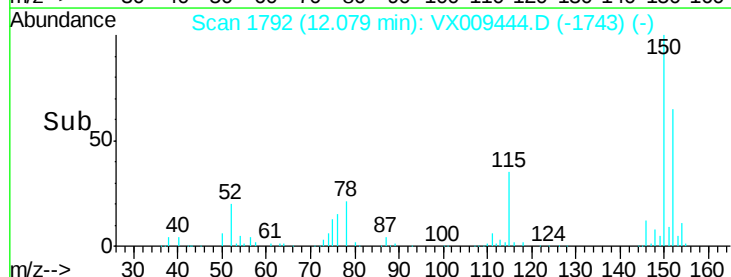
150 172.7 0.0 346.4

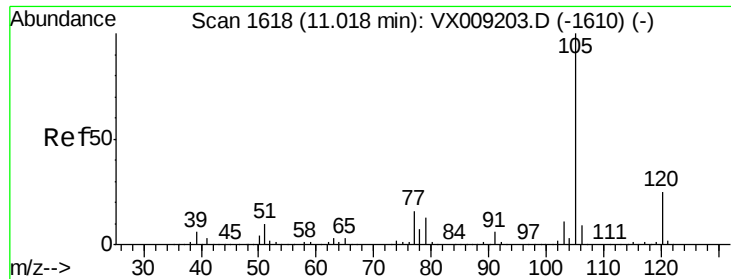


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.033 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 453865

Ion Ratio Lower Upper

105 100

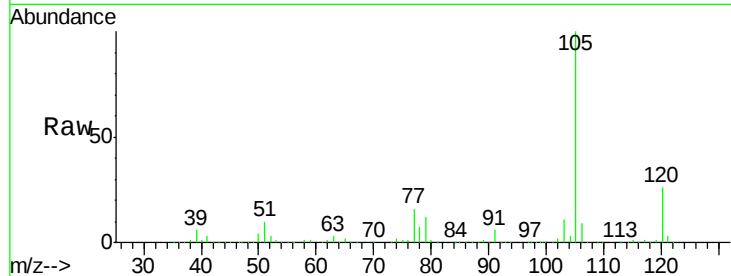
120 25.8 12.8 38.3

Manual Integrations

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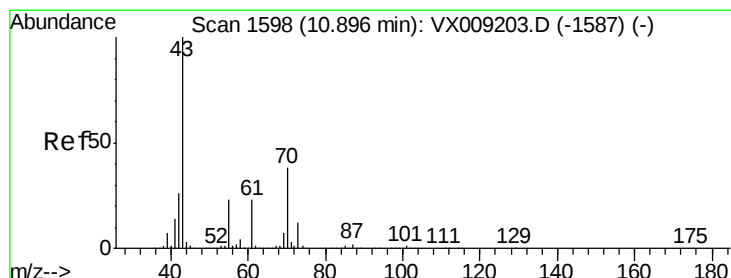
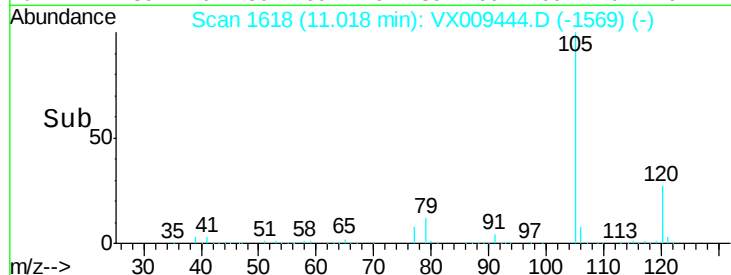
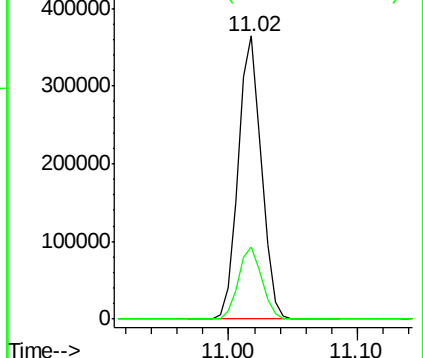
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.518 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Tgt Ion: 43 Resp: 271881

Ion Ratio Lower Upper

43 100

70 37.5 30.0 45.0

55 22.7 17.9 26.9

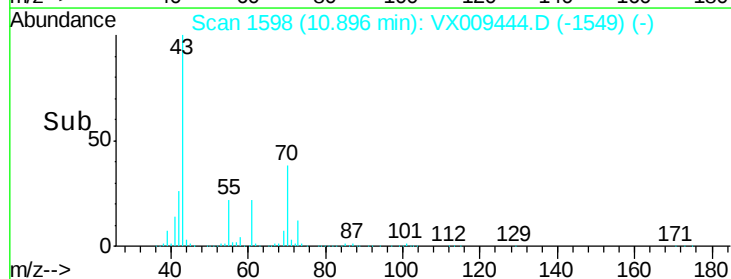
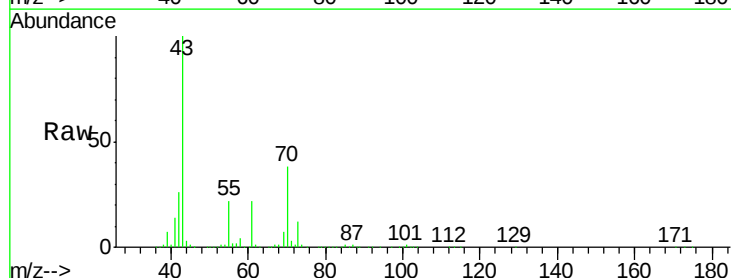
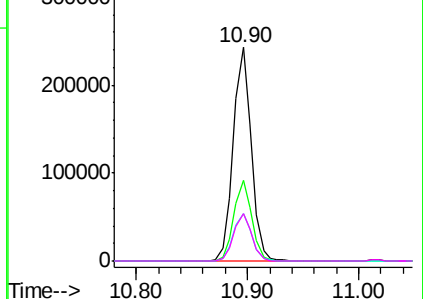
61 22.3 18.4 27.6

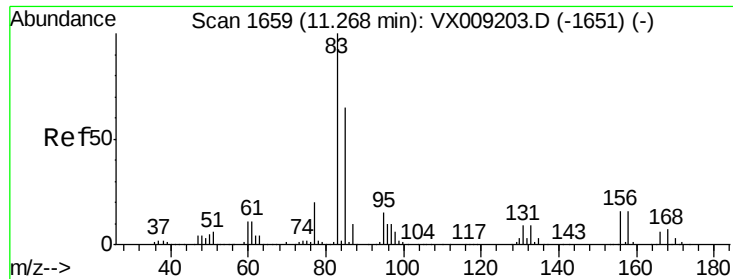
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.282 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

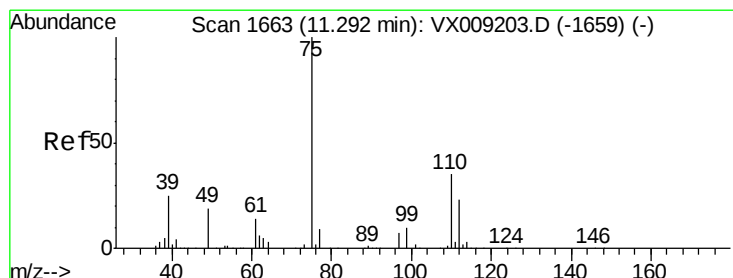
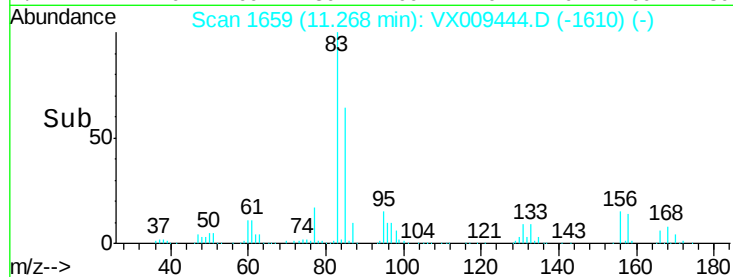
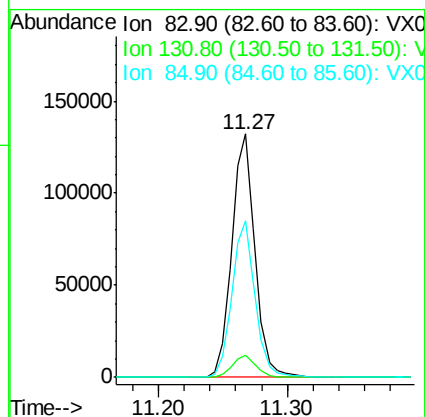
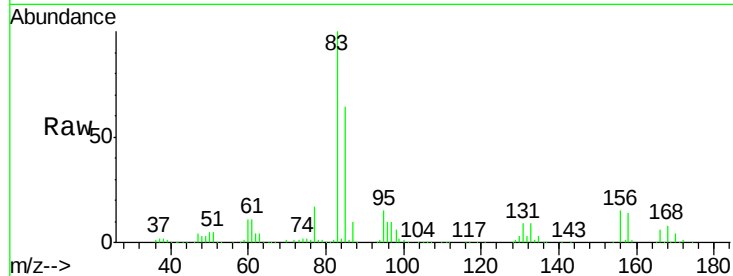
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	166843
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.6	13.8
85	64.4	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 54.275 ug/l m

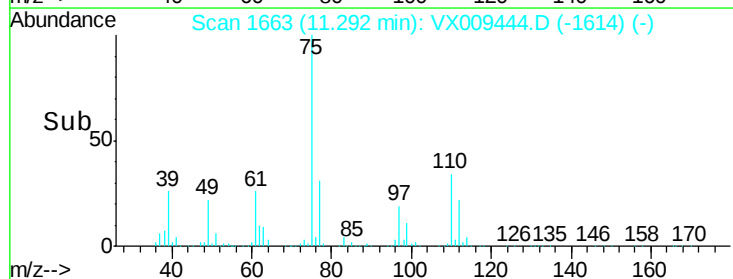
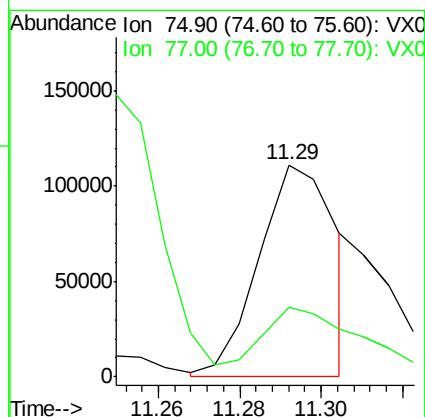
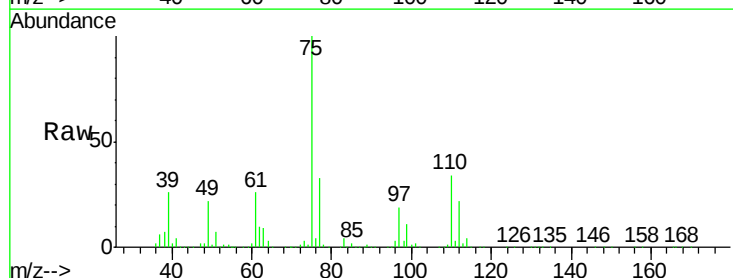
RT: 11.29 min Scan# 1663

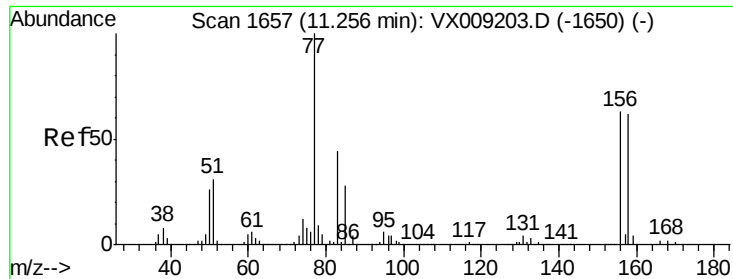
Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Tgt Ion:	75	Resp:	145424
Ion Ratio	Lower	Upper	
75	100		
77	43.1	22.1	66.1





#77

Bromobenzene

Concen: 53.685 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

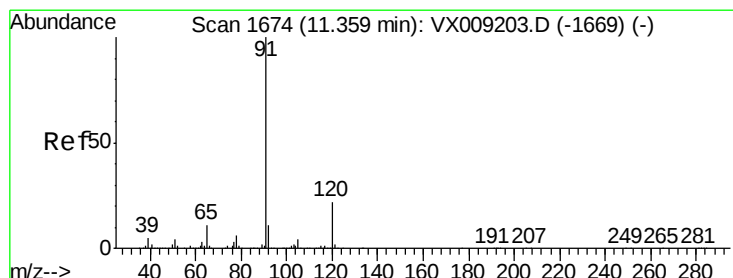
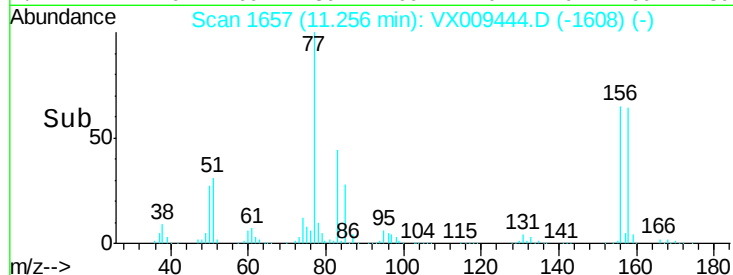
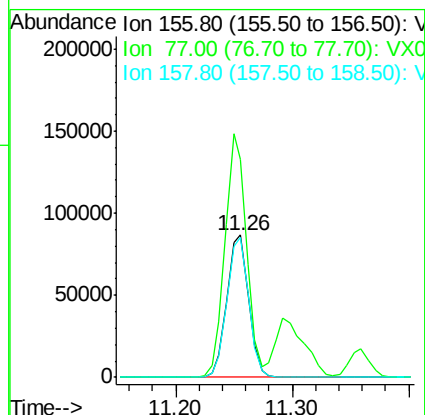
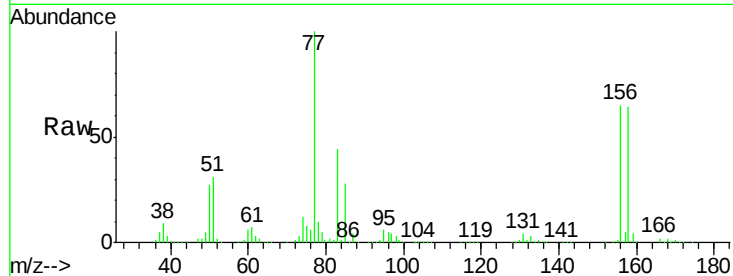
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	111926
Ion Ratio	Lower	Upper	
156	100		
77	168.3	84.8	254.3
158	98.0	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 54.429 ug/l

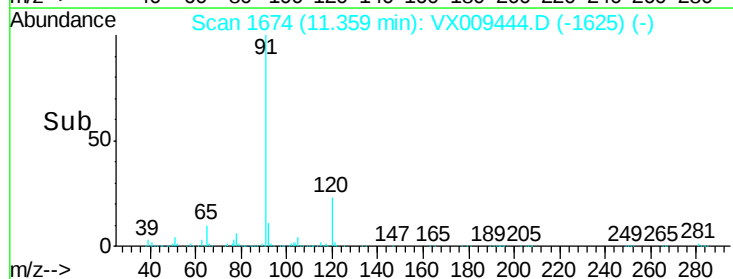
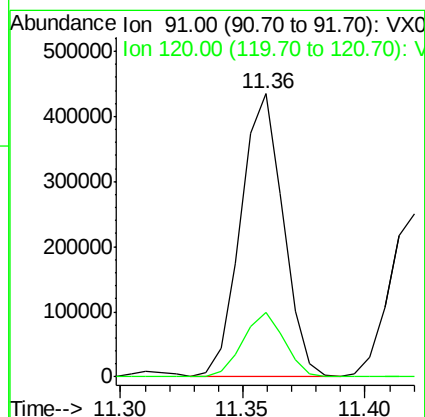
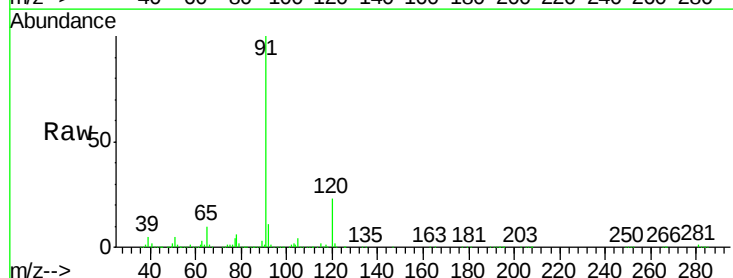
RT: 11.36 min Scan# 1674

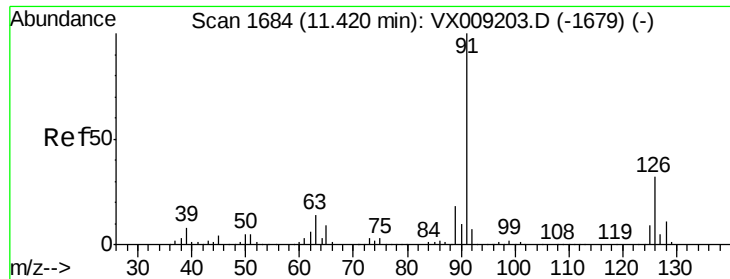
Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Tgt Ion:	91	Resp:	522137
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.0	33.0





#79

2-Chlorotoluene

Concen: 52.571 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 311135

Ion Ratio Lower Upper

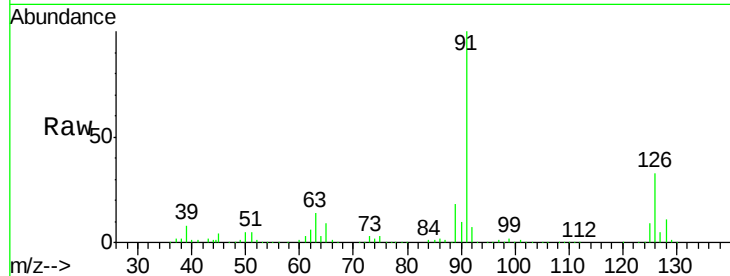
91 100

126 33.0 16.3 48.9

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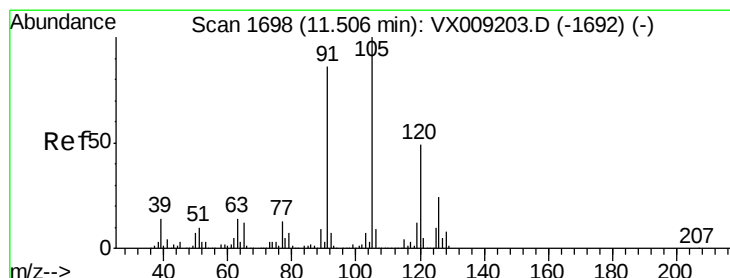
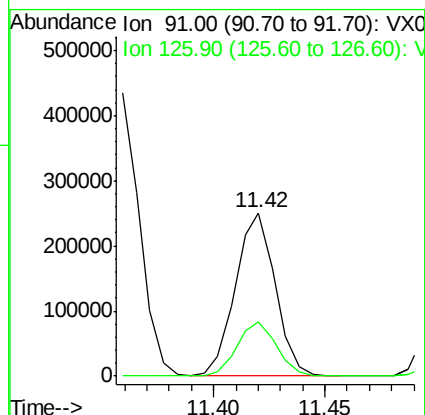
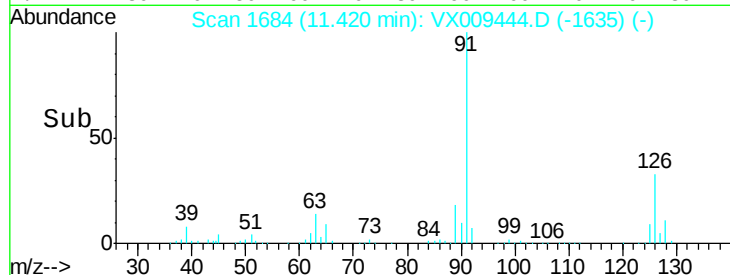
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Abundance Ion 91.00 (90.70 to 91.70): VX009444.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX009444.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.003 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009444.D

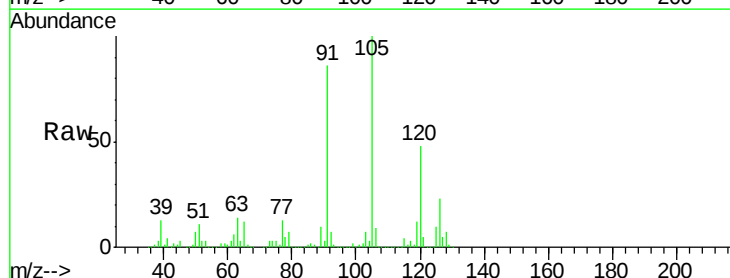
Acq: 09 May 2019 22:01

Tgt Ion: 105 Resp: 389015

Ion Ratio Lower Upper

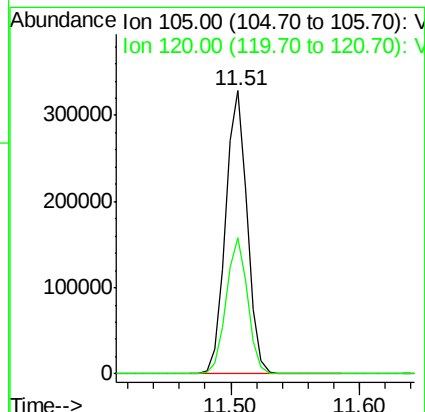
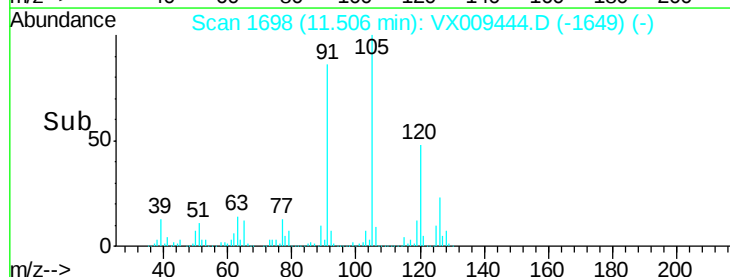
105 100

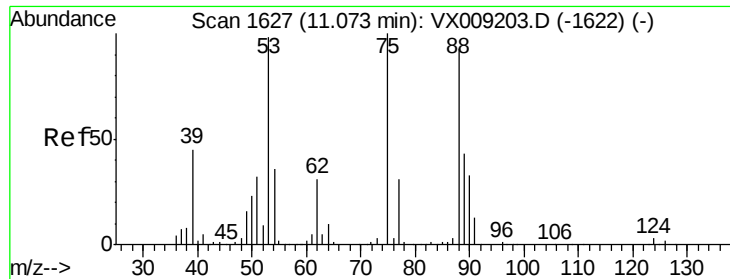
120 47.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009444.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX009444.D (-1649) (-)





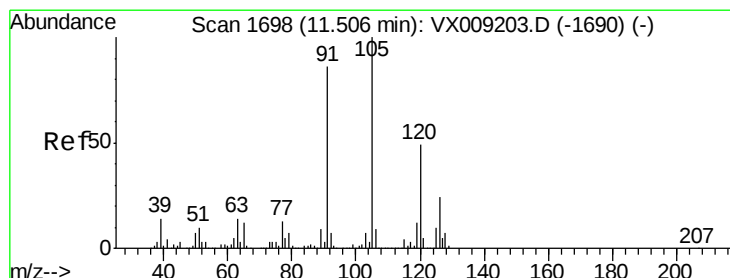
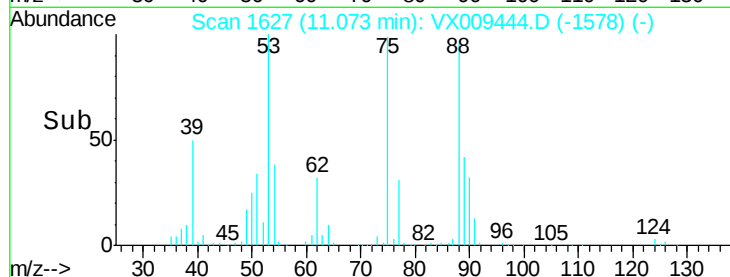
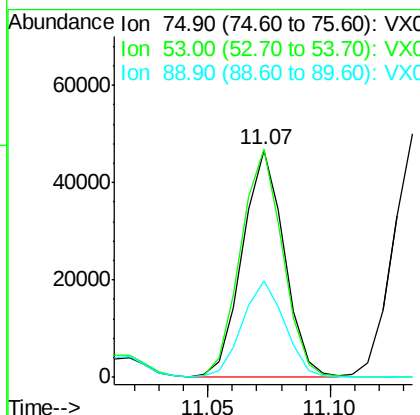
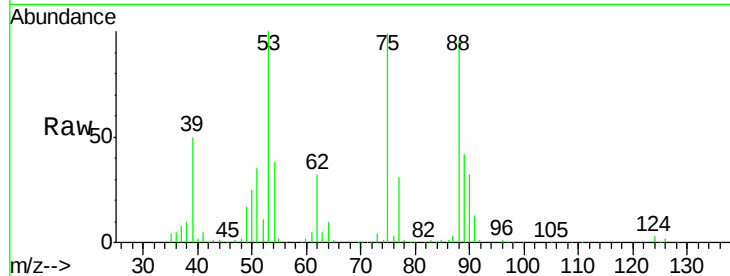
#81
trans-1,4-Dichloro-2-butene
Concen: 52.701 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.2	79.0	118.6
89	43.5	34.7	52.1

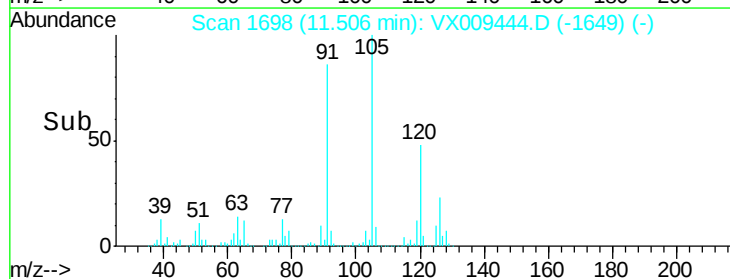
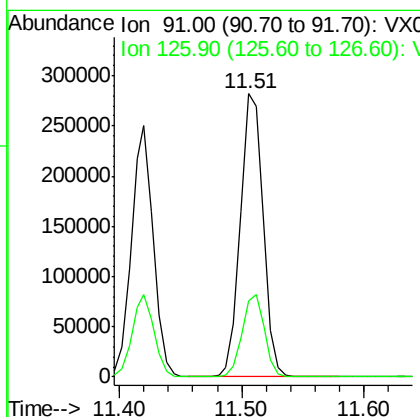
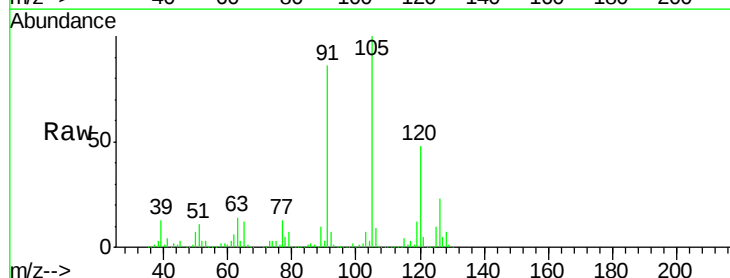
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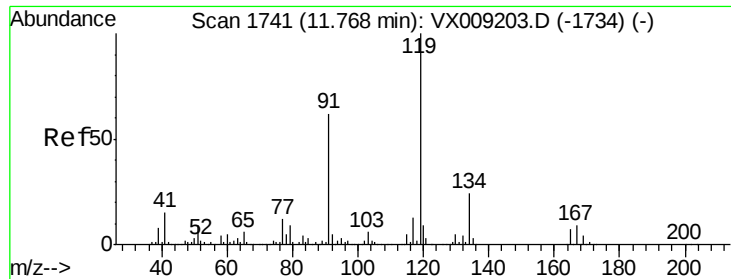
MMDadoda
5/10/2019 1:12:30 PM



#82
4-Chlorotoluene
Concen: 54.018 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.5	43.6





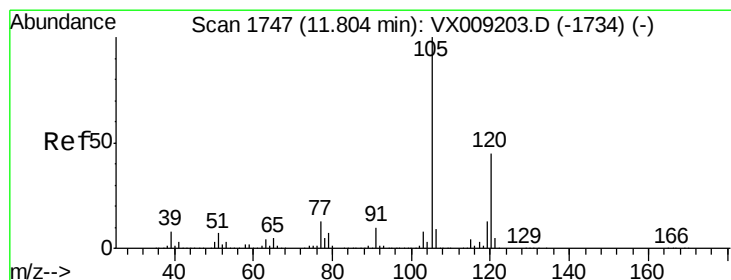
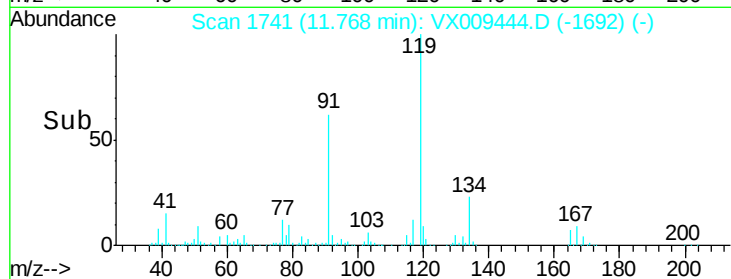
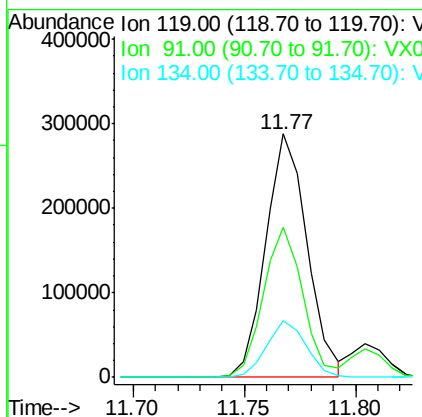
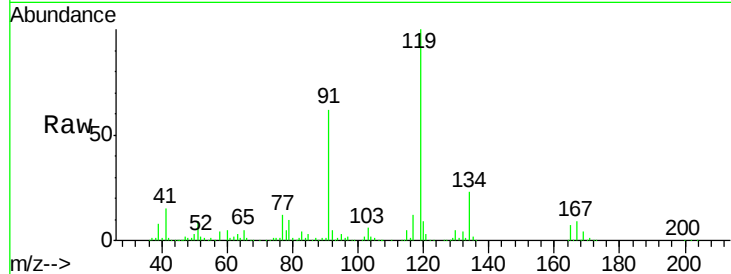
#83
tert-Butylbenzene
Concen: 54.076 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	372051		
91	59.0		29.5	88.5
134	22.2		11.4	34.1

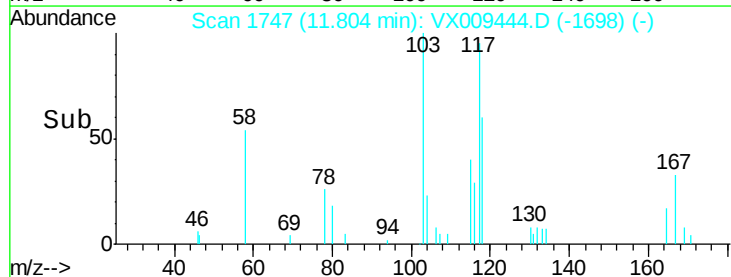
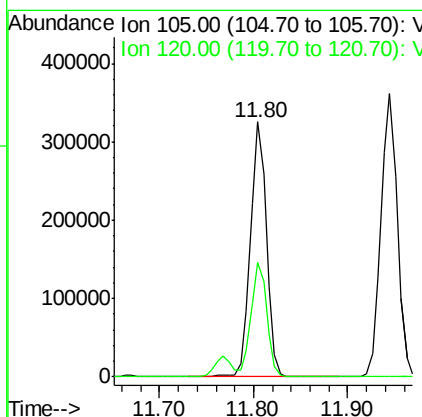
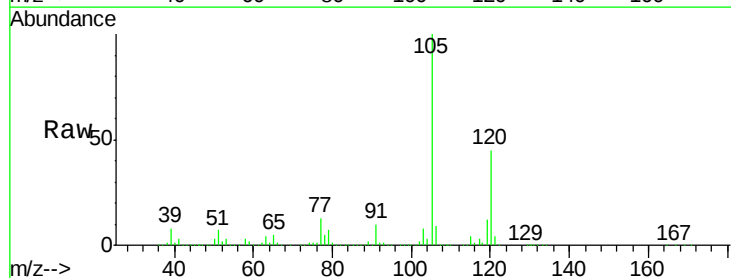
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#84
1,2,4-Trimethylbenzene
Concen: 54.762 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	388760		
120	43.9		22.0	66.0





#85

sec-Butylbenzene

Concen: 53.447 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 435967

Ion Ratio Lower Upper

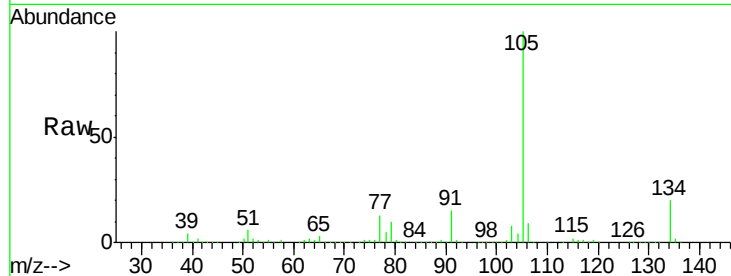
105 100

134 19.6 9.7 28.9

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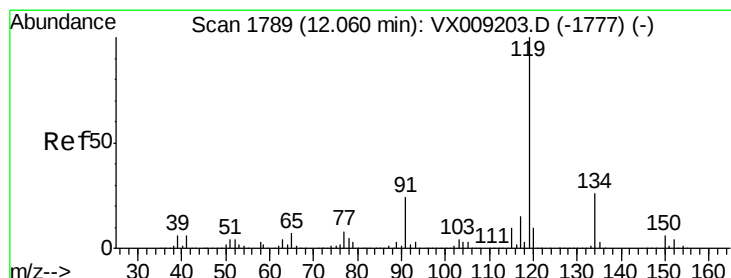
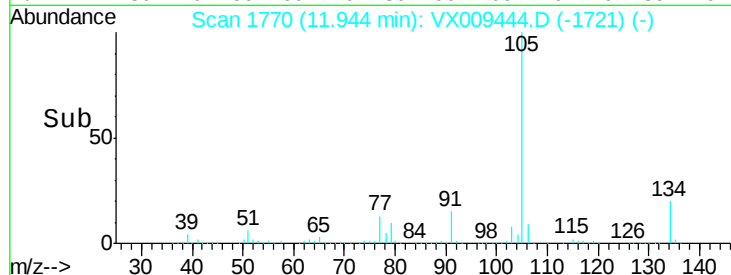
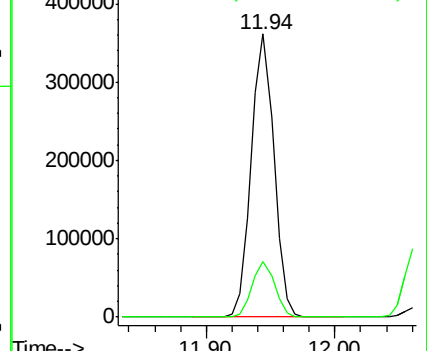
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.706 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

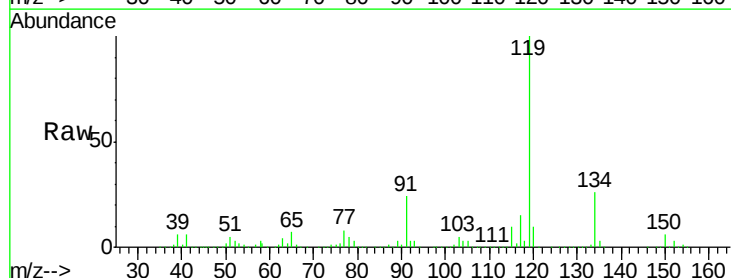
Tgt Ion:119 Resp: 401165

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

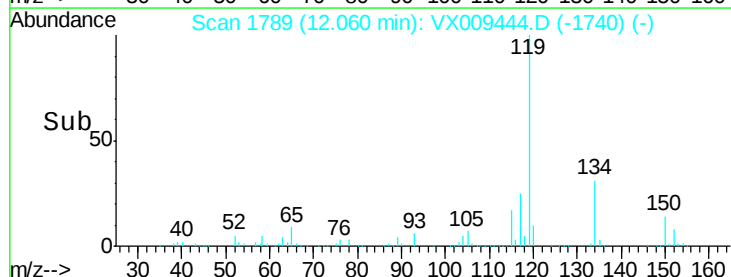
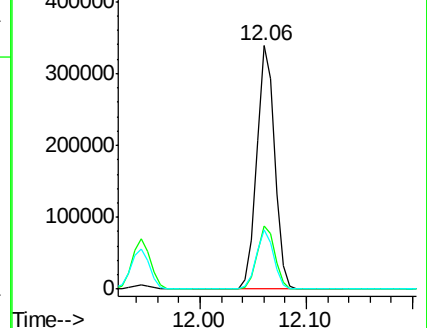
91 23.7 11.8 35.4

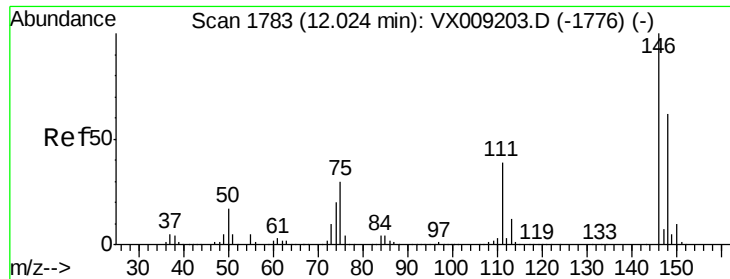


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





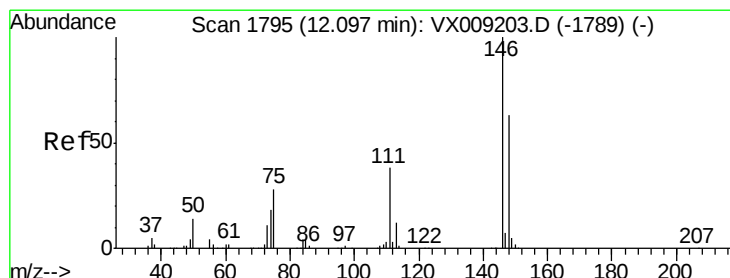
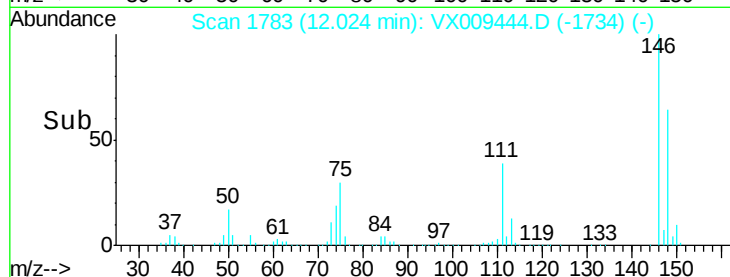
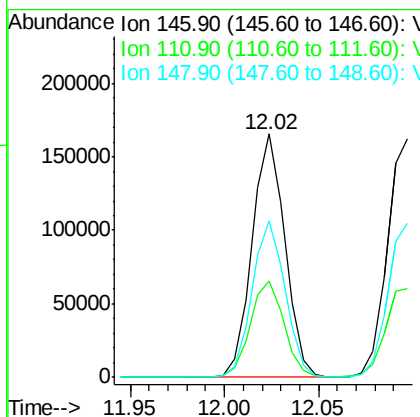
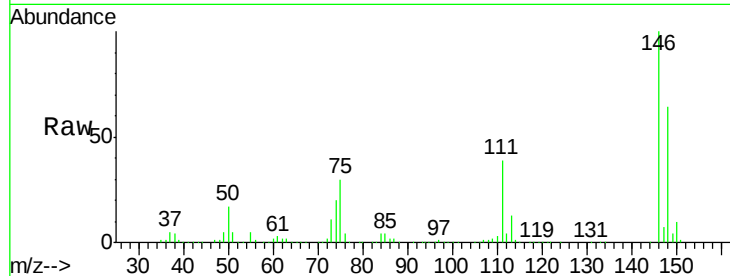
#87
 1,3-Dichlorobenzene
 Concen: 53.823 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009444.D
 Acq: 09 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	64.5	31.8	95.3

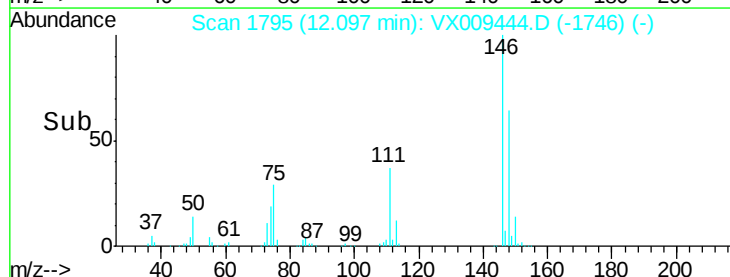
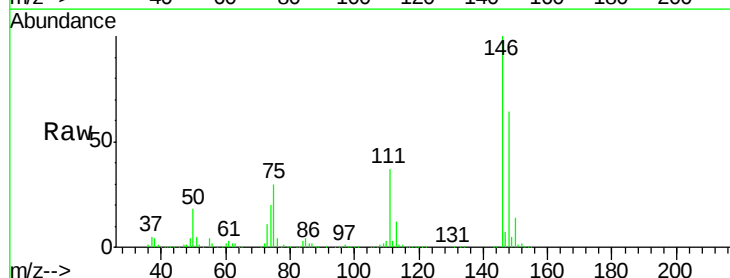
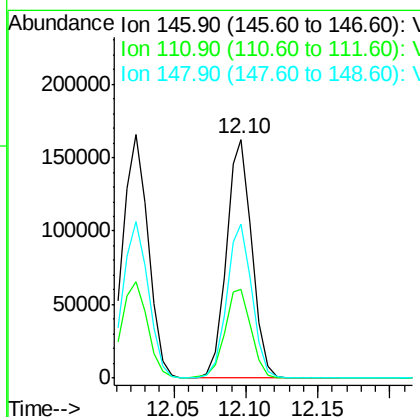
Manual Integrations
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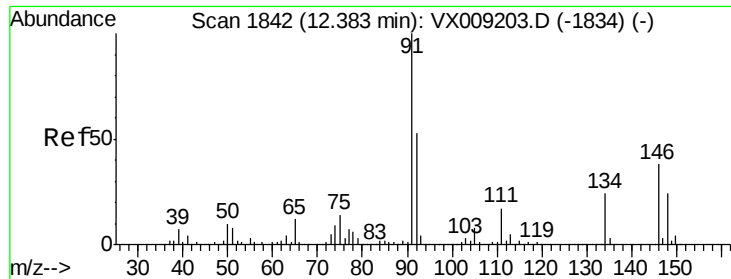
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#88
 1,4-Dichlorobenzene
 Concen: 53.662 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009444.D
 Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.8
148	64.1	31.8	95.3





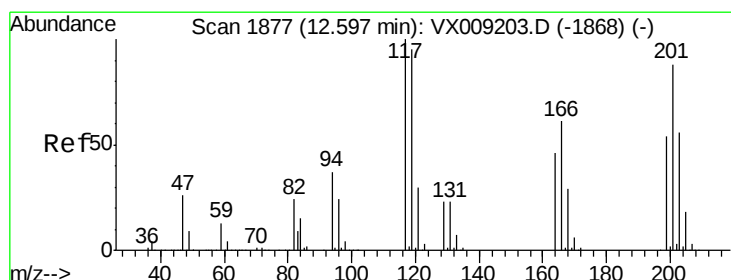
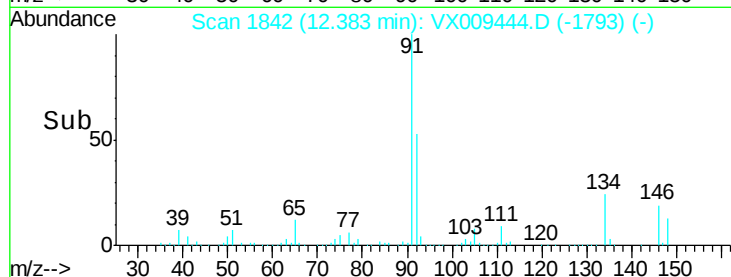
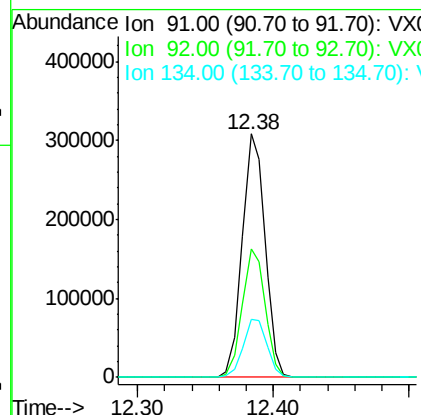
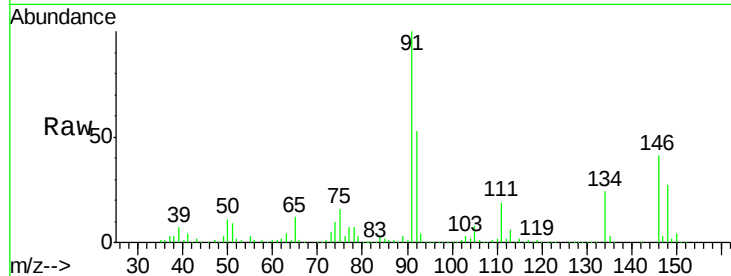
#89
n-Butylbenzene
Concen: 54.607 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	24.6	12.4	37.2

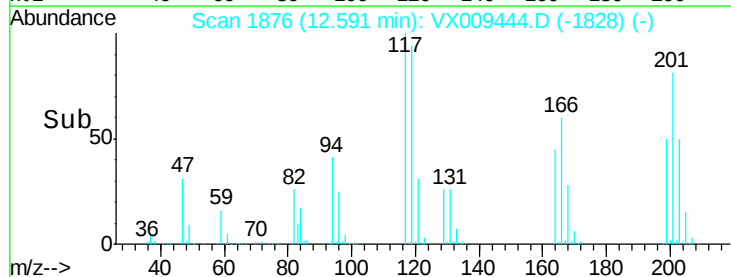
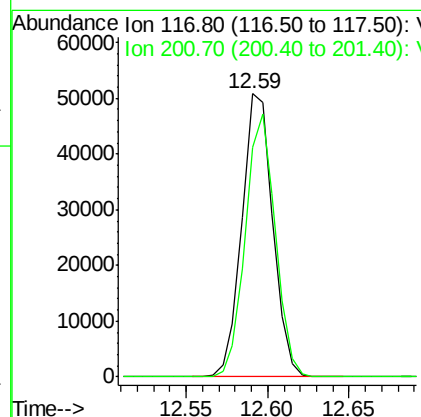
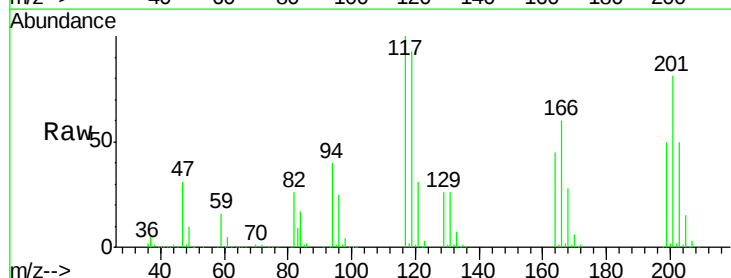
Manual Integrations
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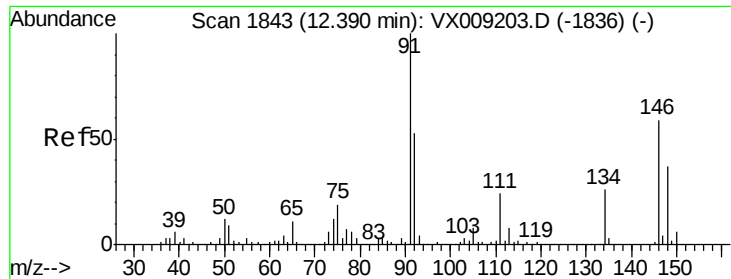
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#90
Hexachloroethane
Concen: 53.777 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.9	42.3	126.9





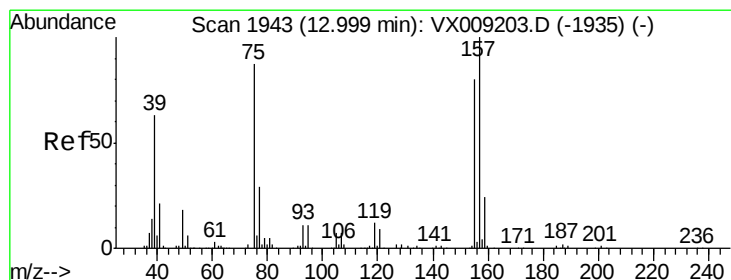
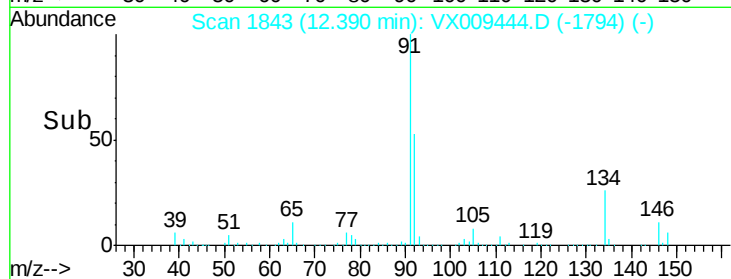
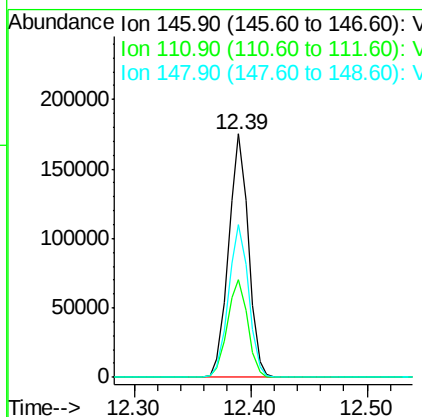
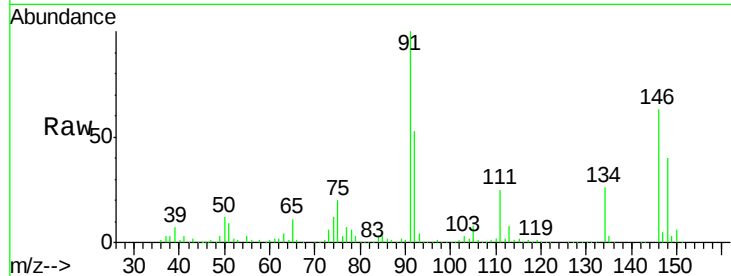
#91
 1,2-Dichlorobenzene
 Concen: 54.642 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009444.D
 Acq: 09 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.4
148	64.0	31.9	95.9

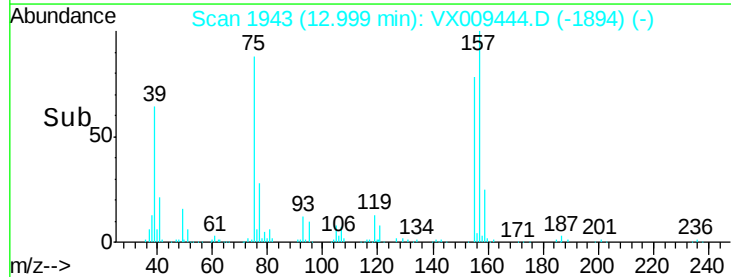
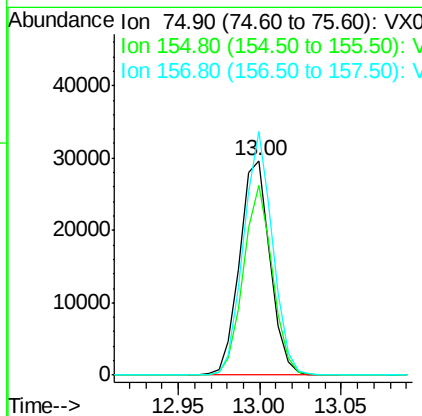
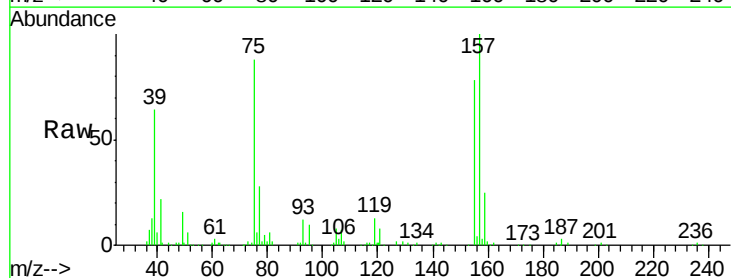
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.907 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009444.D
 Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	42.0	126.0
157	108.4	53.2	159.6





#93

1,2,4-Trichlorobenzene

Concen: 55.569 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009444.D

Acq: 09 May 2019 22:01

Instrument :

MSVOA_X

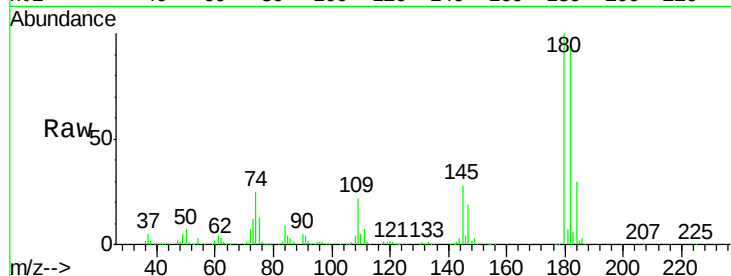
ClientSampleId :

VSTDCCC050

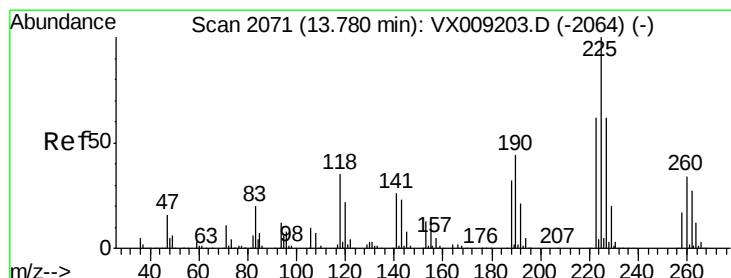
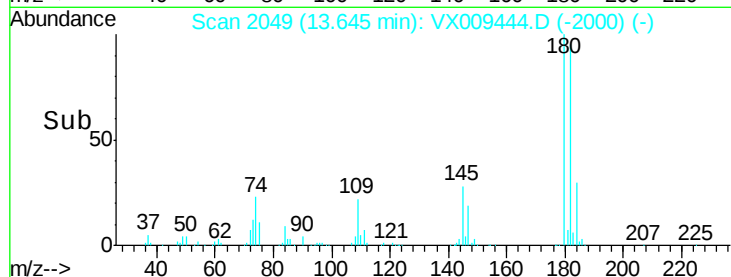
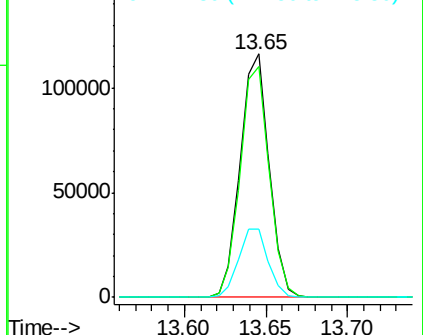
Tot Ion:	180	Resp:	143852
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.4	145.2
145	29.1	14.6	43.8

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



#94

Hexachlorobutadiene

Concen: 54.409 ug/l

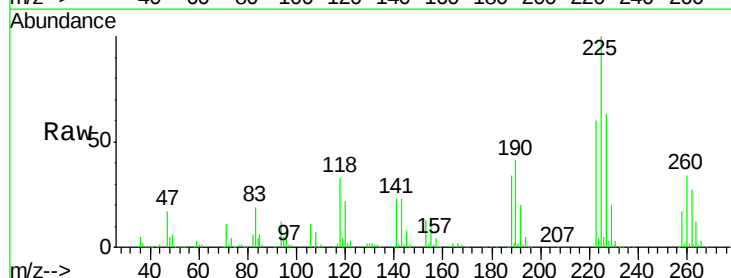
RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

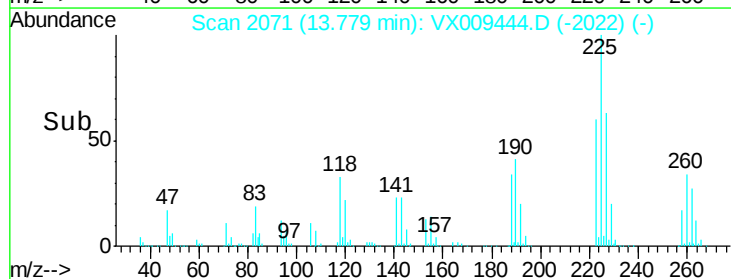
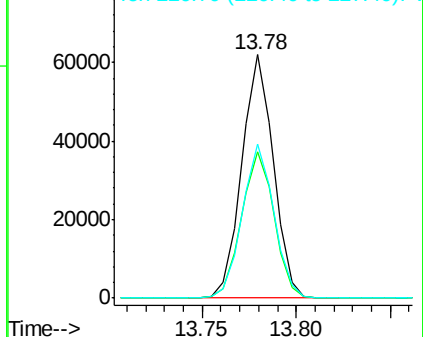
Lab File: VX009444.D

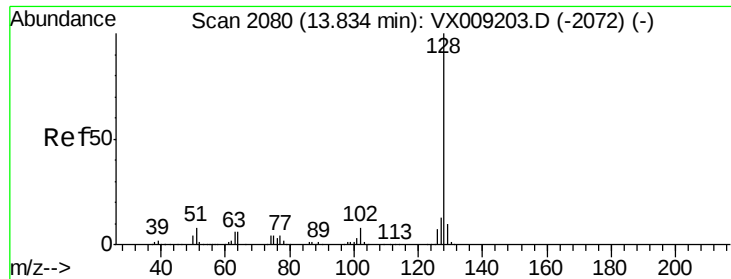
Acq: 09 May 2019 22:01

Tgt Ion:	225	Resp:	71926
Ion Ratio	Lower	Upper	
225	100		
223	61.7	31.3	93.8
227	63.4	31.8	95.3



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





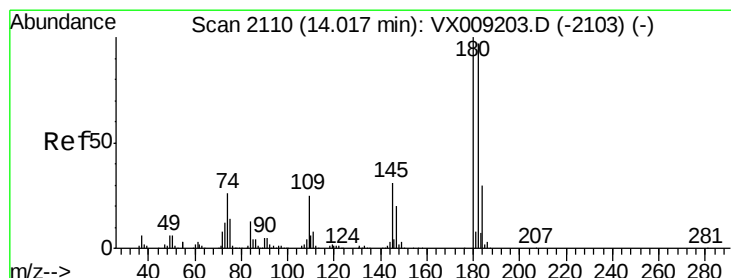
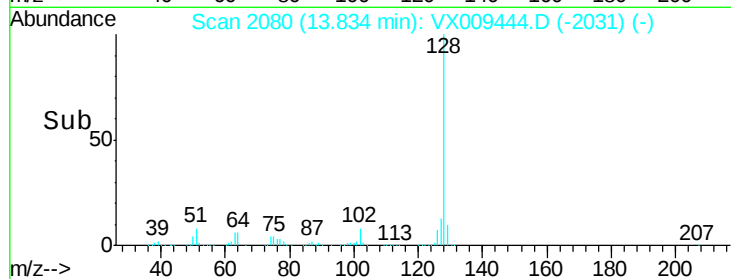
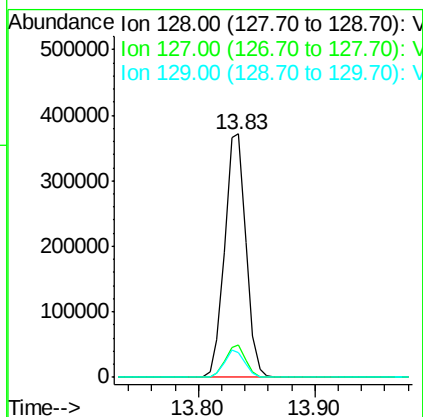
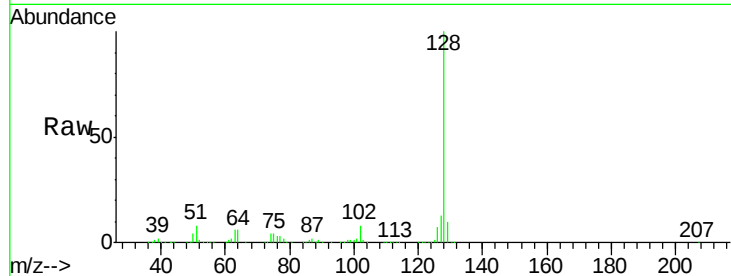
#95
Naphthalene
Concen: 55.732 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/10/2019 1:12:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.365 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009444.D
Acq: 09 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	30.3	15.4	46.4

