

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008904.D
 Acq On : 12 Apr 2019 22:55
 Operator : JC/SP
 Sample : VX0412WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:12:03 PM

Quant Time: Apr 13 06:23:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	152754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	256512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	225216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114331	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	5.50	113	82963	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.71	98	331174	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	116677	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40808	23.208	ug/l	98
3) Chloromethane	1.32	50	50016	22.274	ug/l	98
4) Vinyl Chloride	1.40	62	48082	20.229	ug/l	99
5) Bromomethane	1.64	94	27027	24.097	ug/l	96
6) Chloroethane	1.72	64	29330	20.828	ug/l	100
7) Trichlorofluoromethane	1.93	101	53008	20.174	ug/l	99
8) Diethyl Ether	2.19	74	25160	20.192	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33376	19.730	ug/l	99
10) Methyl Iodide	2.51	142	29471	21.600	ug/l	99
11) Tert butyl alcohol	3.05	59	59423	113.924	ug/l	100
12) 1,1-Dichloroethene	2.37	96	35711	20.222	ug/l	97
13) Acrolein	2.29	56	24784	95.825	ug/l	99
14) Allyl chloride	2.73	41	83092	20.553	ug/l	97
15) Acrylonitrile	3.14	53	148042	107.136	ug/l	100
16) Acetone	2.45	43	127763	99.561	ug/l	100
17) Carbon Disulfide	2.57	76	104025	19.954	ug/l	100
18) Methyl Acetate	2.78	43	65731	21.120	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	135866	21.543	ug/l	99
20) Methylene Chloride	2.85	84	42611	19.837	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	37918	19.850	ug/l	97
22) Diisopropyl ether	3.85	45	165827	21.282	ug/l #	87
23) Vinyl Acetate	3.82	43	737037	108.731	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79915	20.715	ug/l	99
25) 2-Butanone	4.68	43	220226	108.580	ug/l	99
26) 2,2-Dichloropropane	4.59	77	43412	15.977	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	44174	20.114	ug/l	97
28) Bromochloromethane	5.02	49	36282	20.743	ug/l	99
29) Tetrahydrofuran	5.13	42	147727	109.737	ug/l	99
30) Chloroform	5.21	83	72350	20.997	ug/l	96
31) Cyclohexane	5.58	56	75938	19.727	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	57773	20.748	ug/l	100
36) 1,1-Dichloropropene	5.80	75	53898	19.222	ug/l	100
37) Ethyl Acetate	4.84	43	82454	22.031	ug/l	99
38) Carbon Tetrachloride	5.79	117	47178	20.329	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65246	18.837	ug/l	99
40) Benzene	6.14	78	170983	20.469	ug/l	98
41) Methacrylonitrile	5.04	41	45930	21.350	ug/l	99
42) 1,2-Dichloroethane	6.20	62	61719	20.610	ug/l	99
43) Isopropyl Acetate	6.45	43	126972	21.657	ug/l	100
44) Trichloroethene	7.21	130	40199	20.662	ug/l	96
45) 1,2-Dichloropropane	7.51	63	48508	20.345	ug/l	99
46) Dibromomethane	7.66	93	27475	19.869	ug/l	96
47) Bromodichloromethane	7.90	83	53666	20.583	ug/l	99
48) Methyl methacrylate	7.77	41	64418	21.721	ug/l	98
49) 1,4-Dioxane	7.74	88	24568	442.214	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	425492	112.738	ug/l	100
52) Toluene	8.79	92	102730	20.860	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57759	19.776	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	65548	19.642	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42015	21.254	ug/l	98
56) Ethyl methacrylate	9.18	69	75497	21.108	ug/l	98
57) 1,3-Dichloropropane	9.37	76	73371	20.670	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	189062	103.521	ug/l	100
59) 2-Hexanone	9.49	43	324396	110.599	ug/l	100
60) Dibromochloromethane	9.59	129	38600	20.722	ug/l	100
61) 1,2-Dibromoethane	9.67	107	42214	20.513	ug/l	99
64) Tetrachloroethene	9.34	164	37009	22.179	ug/l	98
65) Chlorobenzene	10.14	112	103295	20.691	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	36717	20.964	ug/l	99
67) Ethyl Benzene	10.25	91	189399	20.346	ug/l	98
68) m/p-Xylenes	10.36	106	135830	40.581	ug/l	99
69) o-Xylene	10.70	106	67394	20.777	ug/l	99
70) Styrene	10.71	104	115773	20.706	ug/l	99
71) Bromoform	10.85	173	28289	21.149	ug/l #	98
73) Isopropylbenzene	11.02	105	176956	20.623	ug/l	100
74) N-amyl acetate	10.90	43	107302	21.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68395	20.959	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	58433m	20.544	ug/l	
77) Bromobenzene	11.26	156	43149	20.918	ug/l	98
78) n-propylbenzene	11.36	91	200792	20.098	ug/l	100
79) 2-Chlorotoluene	11.42	91	121611	20.114	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	148465	20.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19821	19.210	ug/l	94
82) 4-Chlorotoluene	11.51	91	138460	19.784	ug/l	98
83) tert-Butylbenzene	11.77	119	138116	19.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	150280	20.606	ug/l	100
85) sec-Butylbenzene	11.94	105	166498	20.228	ug/l	100
86) p-Isopropyltoluene	12.06	119	150885	20.424	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74226	20.100	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	74586	19.946	ug/l	100
89) n-Butylbenzene	12.38	91	135862	19.610	ug/l	99
90) Hexachloroethane	12.60	117	24353	19.875	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	75106	20.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14481	20.172	ug/l	98

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51320	20.131	ug/l	99
94) Hexachlorobutadiene	13.78	225	26054	21.310	ug/l	99
95) Naphthalene	13.83	128	175727	20.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52341	20.549	ug/l	99

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

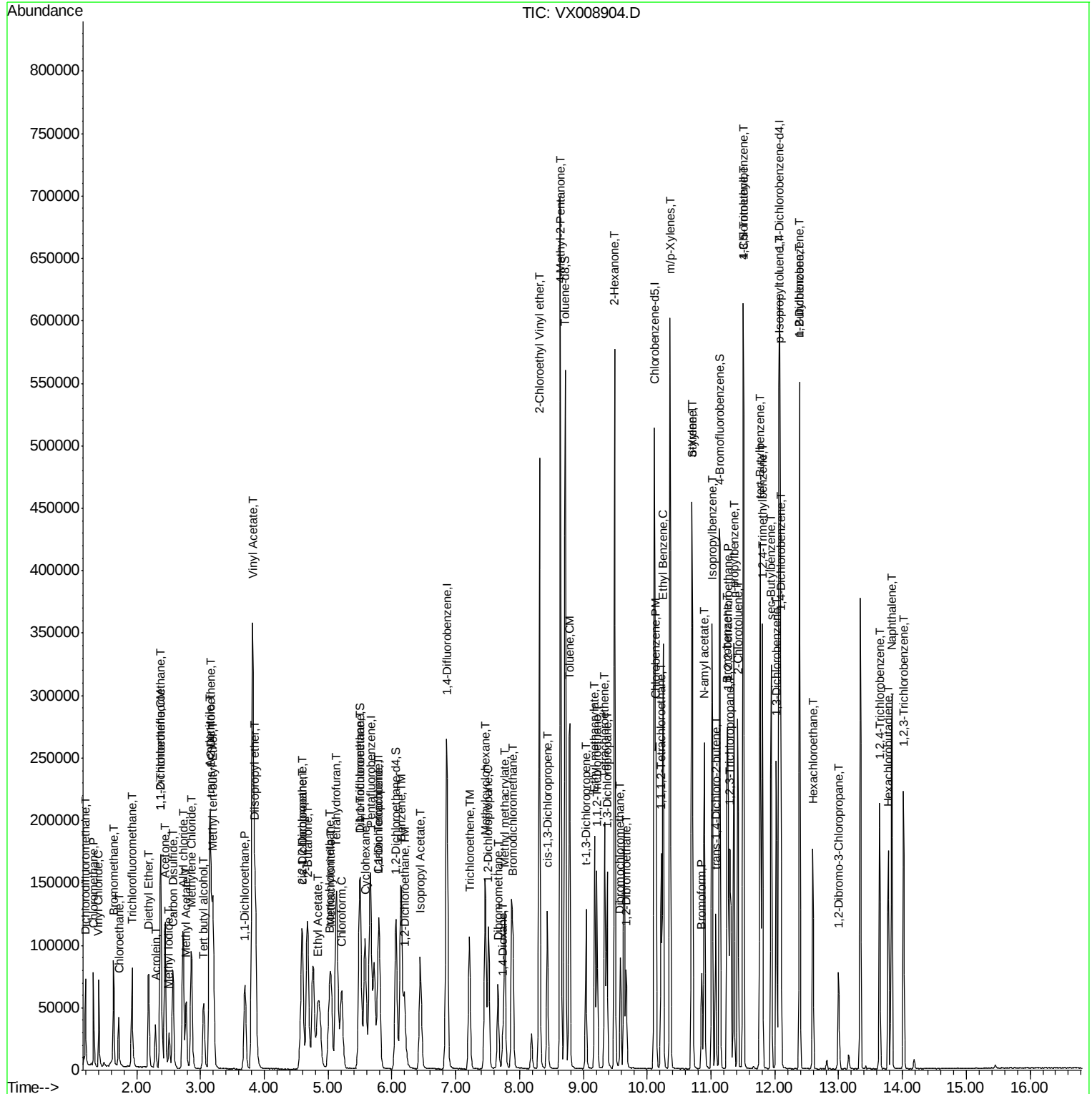
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 Data File : VX008904.D
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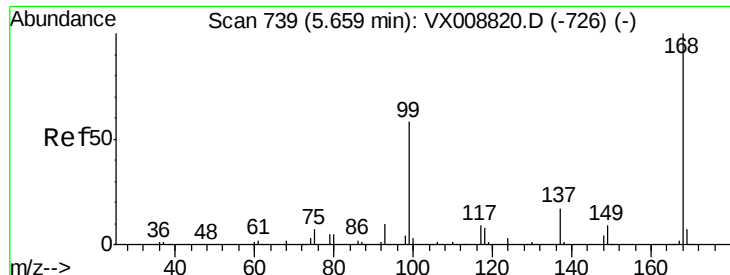
Instrument :
 MSVOA_X
 Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion:168 Resp: 152754

Ion Ratio Lower Upper

168 100

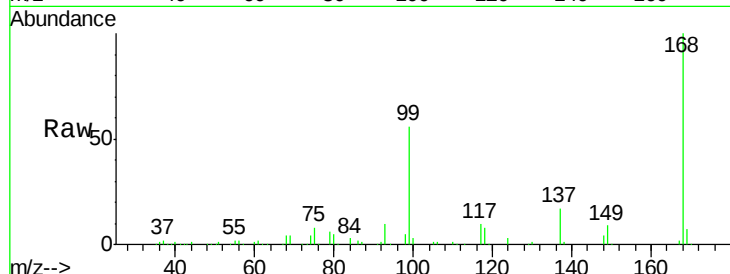
99 55.6 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

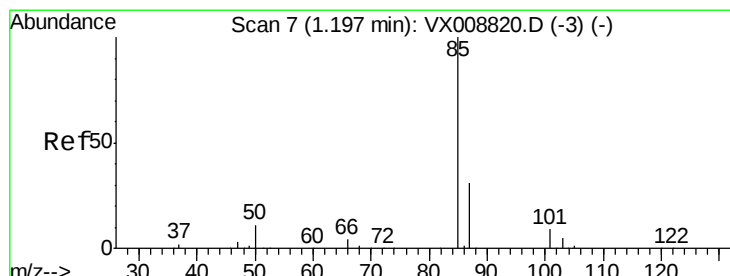
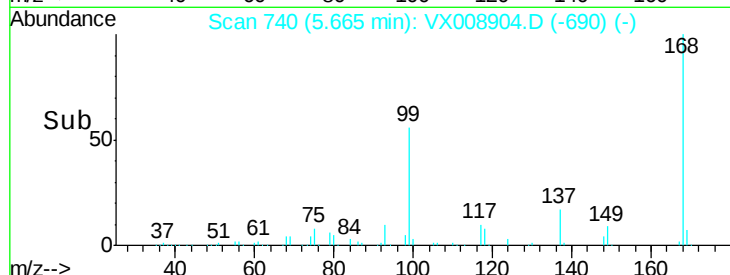
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 23.208 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008904.D

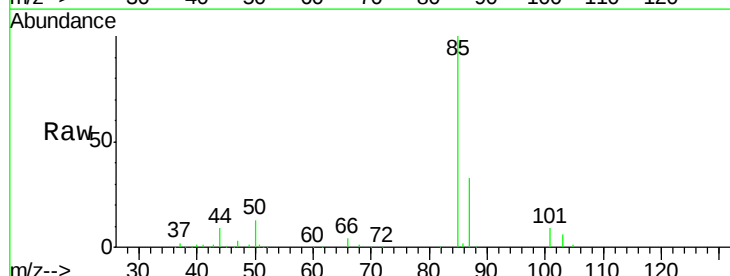
Acq: 12 Apr 2019 22:55

Tgt Ion: 85 Resp: 40808

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

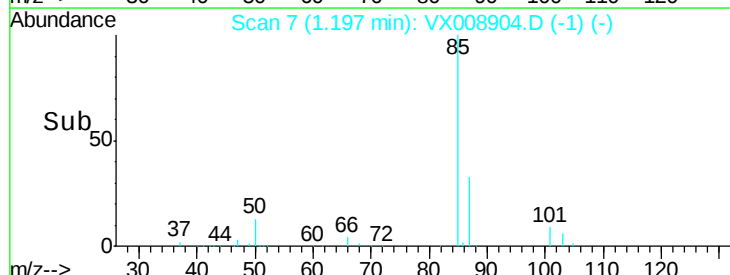
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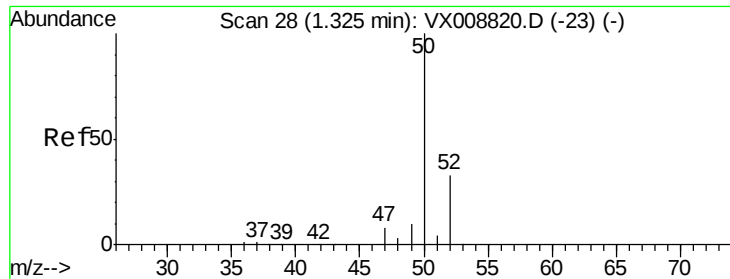
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 22.274 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion: 50 Resp: 50016

Ion Ratio Lower Upper

50 100

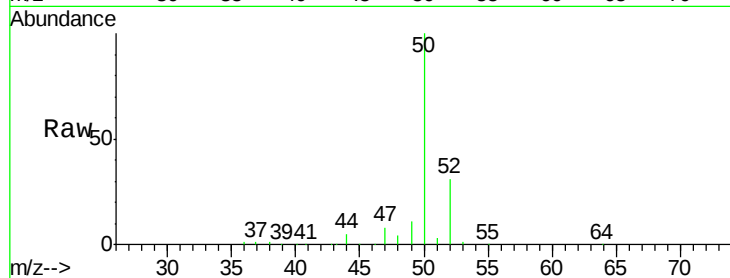
52 31.2 25.8 38.8

Manual Integrations

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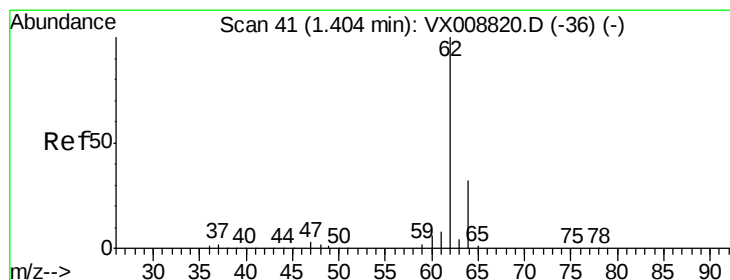
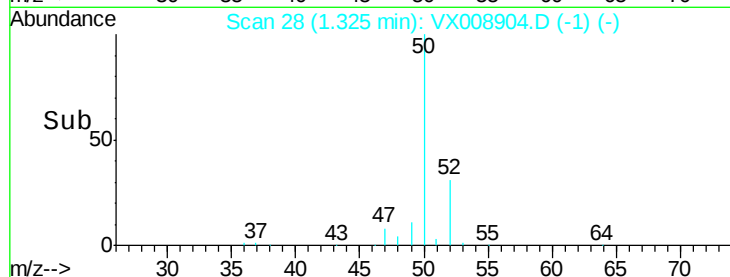
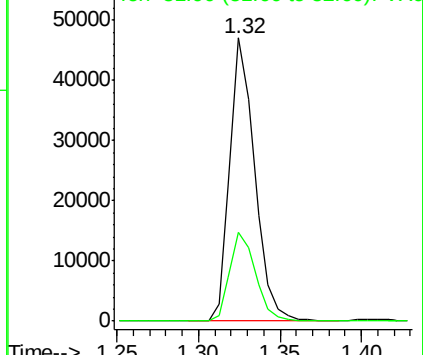
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.229 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008904.D

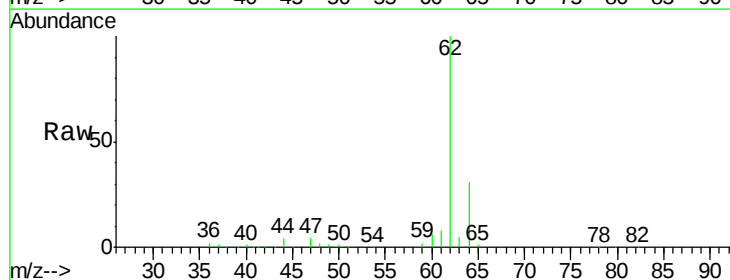
Acq: 12 Apr 2019 22:55

Tgt Ion: 62 Resp: 48082

Ion Ratio Lower Upper

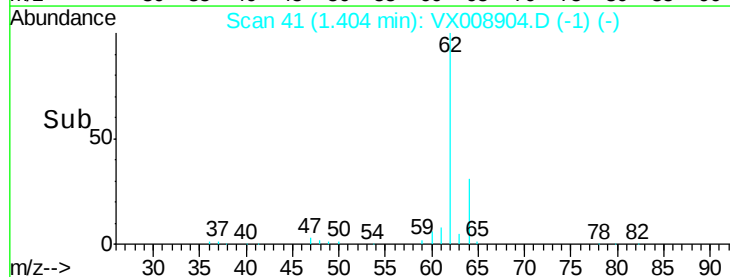
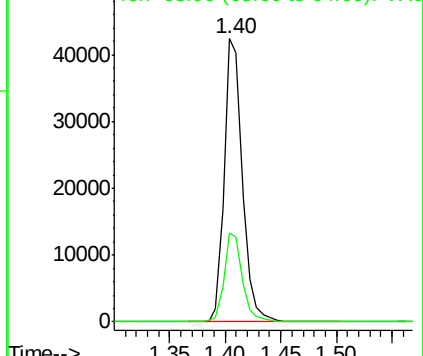
62 100

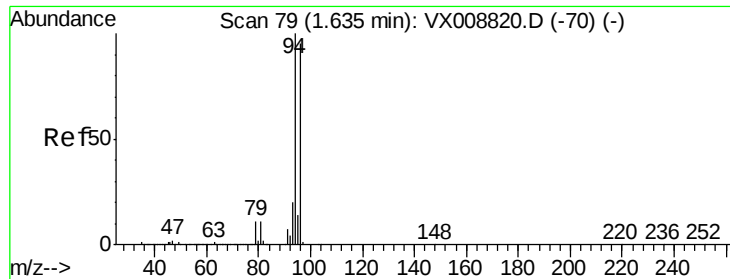
64 31.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.097 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion: 94 Resp: 27027

Ion Ratio Lower Upper

94 100

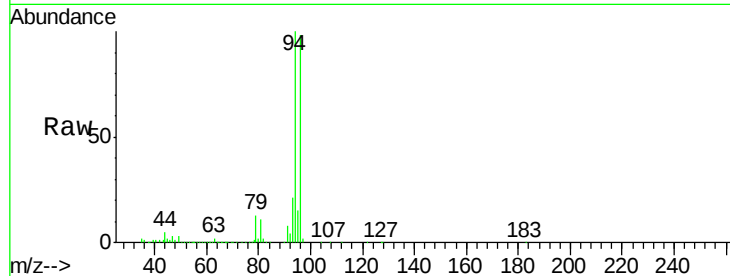
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Manual Integrations

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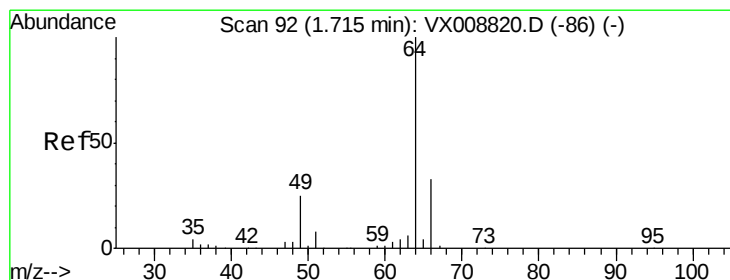
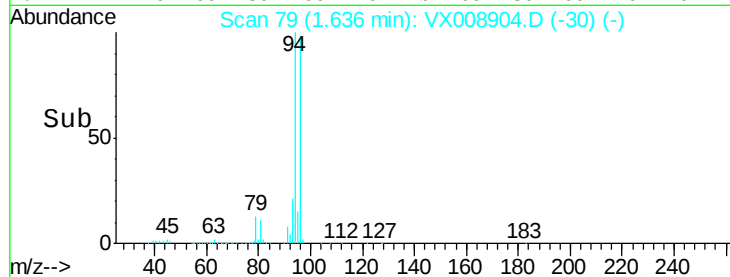
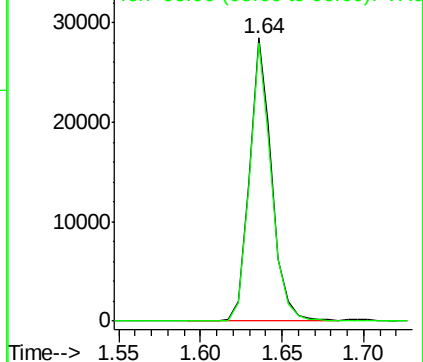
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.828 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008904.D

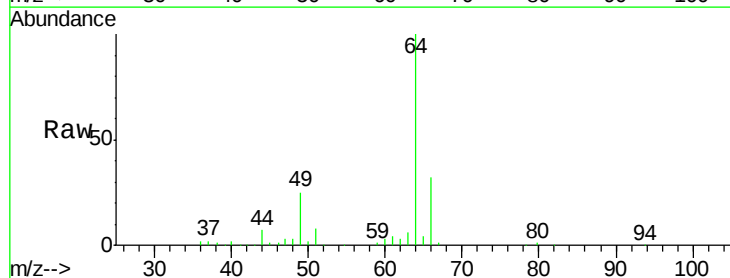
Acq: 12 Apr 2019 22:55

Tgt Ion: 64 Resp: 29330

Ion Ratio Lower Upper

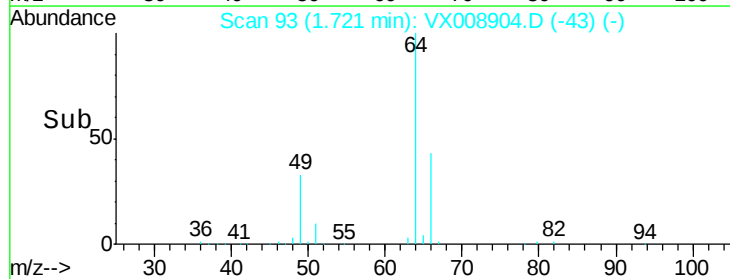
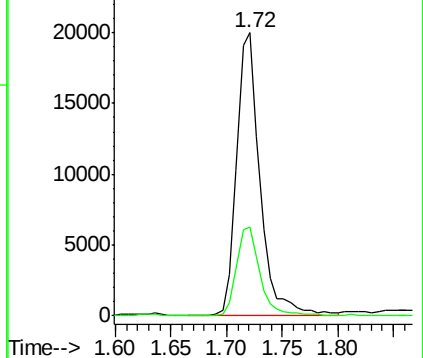
64 100

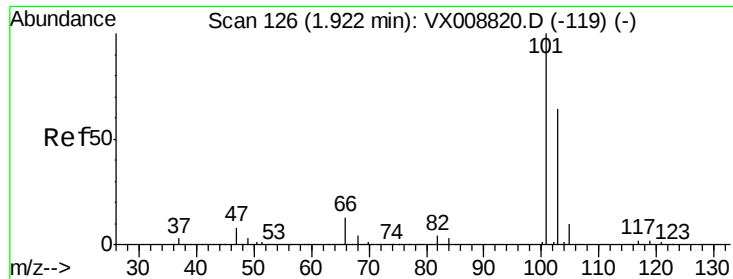
66 31.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

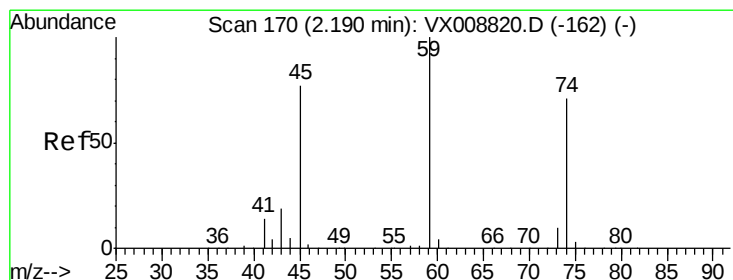
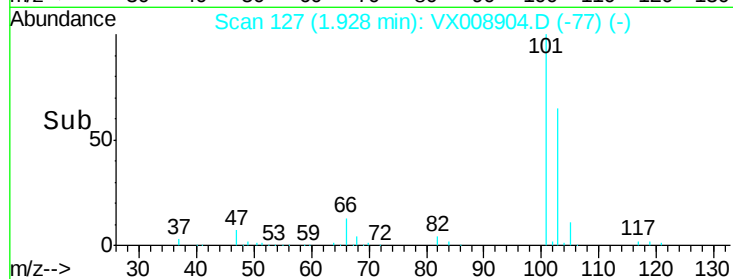
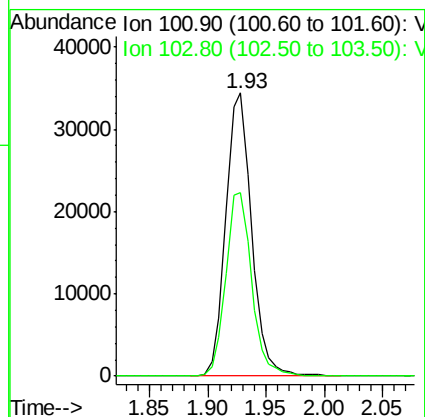
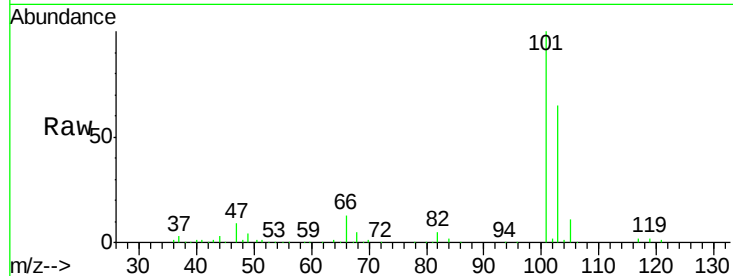
Trichlorofluoromethane
 Concen: 20.174 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
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 VX0412WBS02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

Manual Integrations
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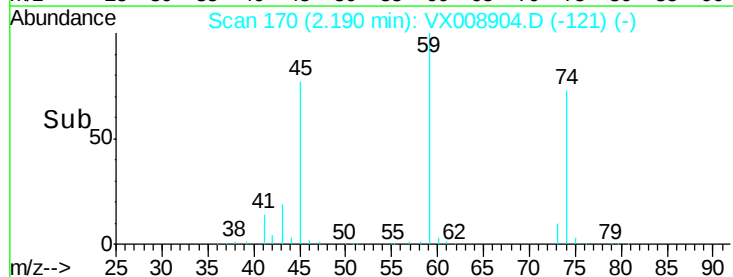
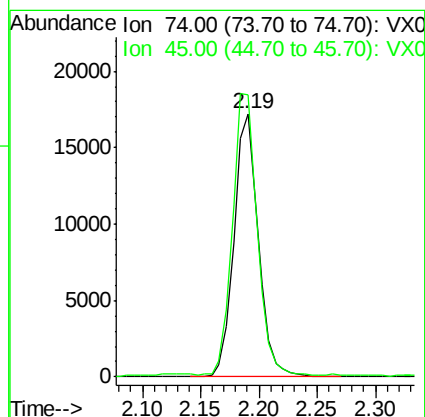
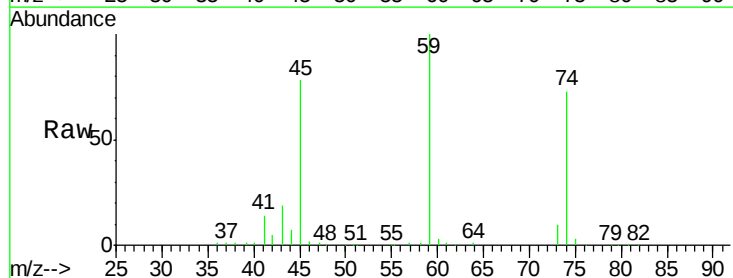
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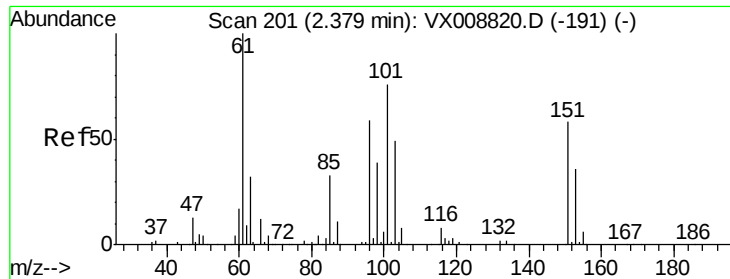


#8

Diethyl Ether
 Concen: 20.192 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.3	56.5	169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.730 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

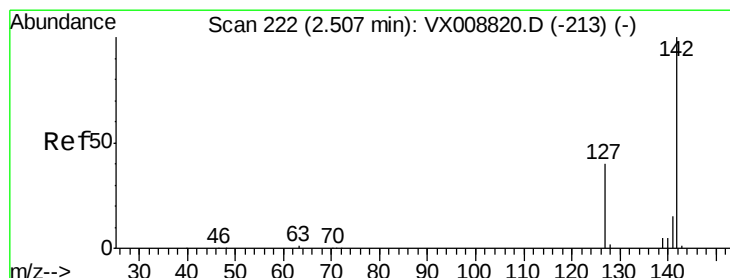
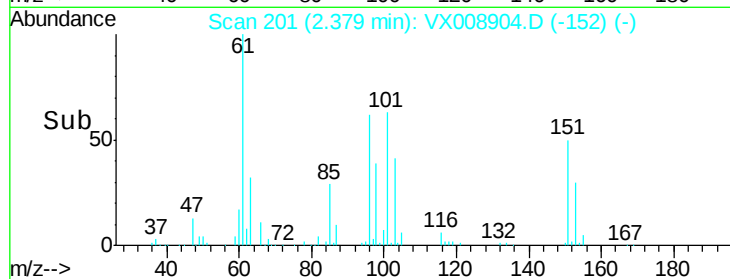
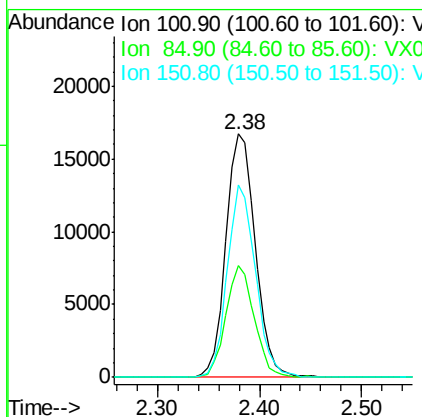
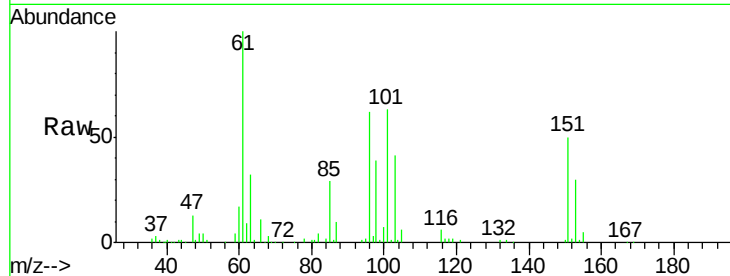
ClientSampleId :

VX0412WBS02

Tgt Ion:	101	Resp:	33376
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	75.7	59.9	89.9

Manual Integrations
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MMDadoda
4/13/2019 2:12:03 PM



#10

Methyl Iodide

Concen: 21.600 ug/l

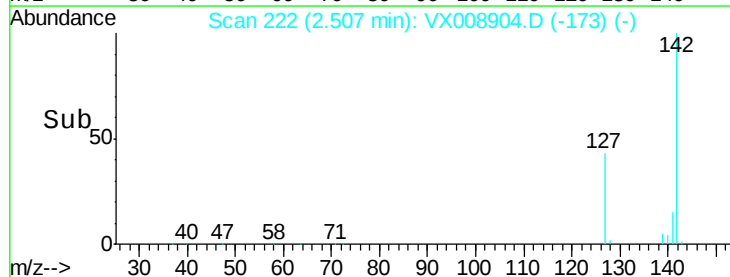
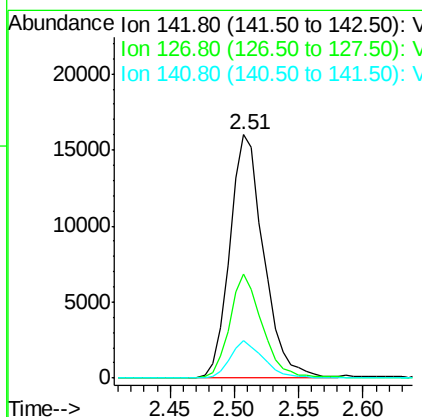
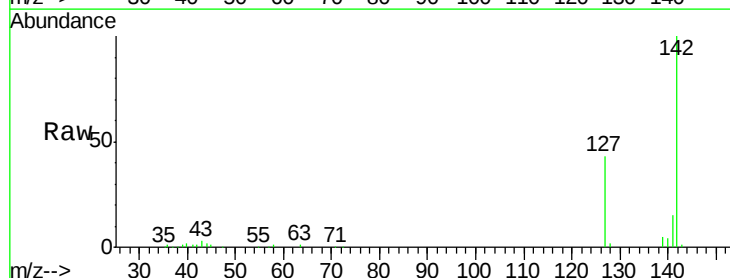
RT: 2.51 min Scan# 222

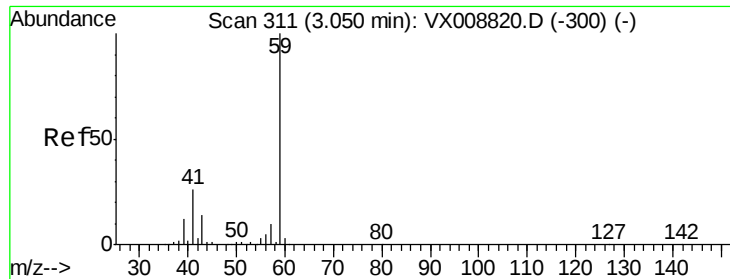
Delta R.T. 0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Tgt Ion:	142	Resp:	29471
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.0	49.6
141	14.9	11.4	17.2





#11

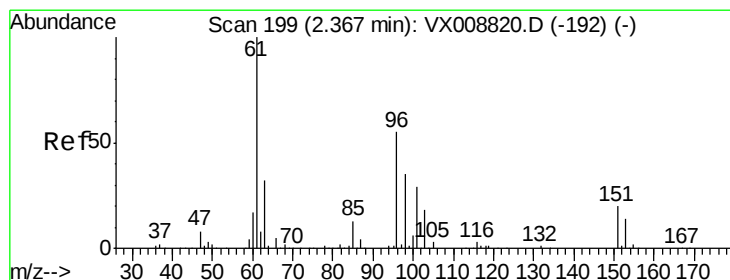
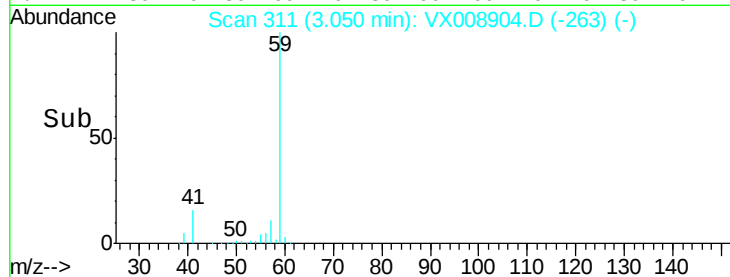
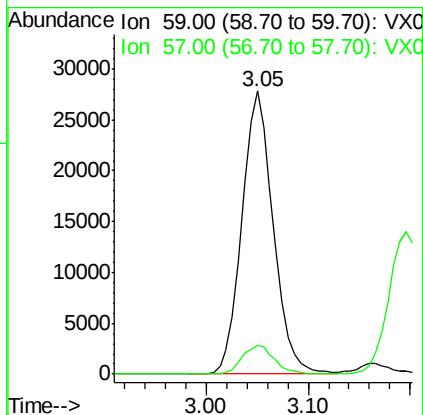
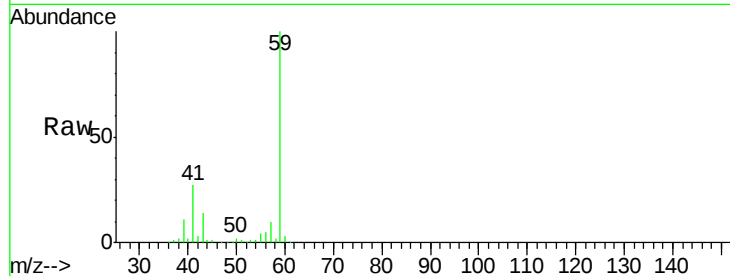
Tert butyl alcohol
Concen: 113.924 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

Manual Integrations
APPROVED

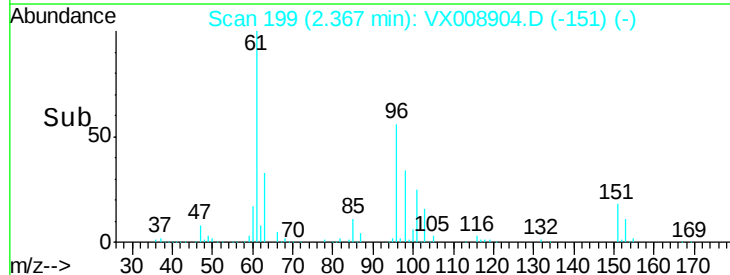
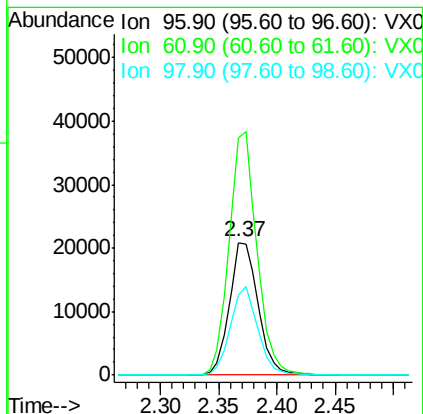
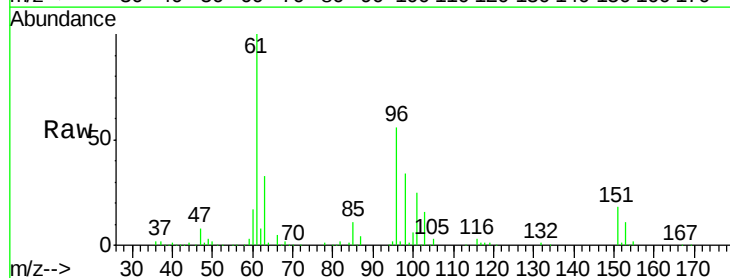
MMDadoda
4/13/2019 2:12:03 PM

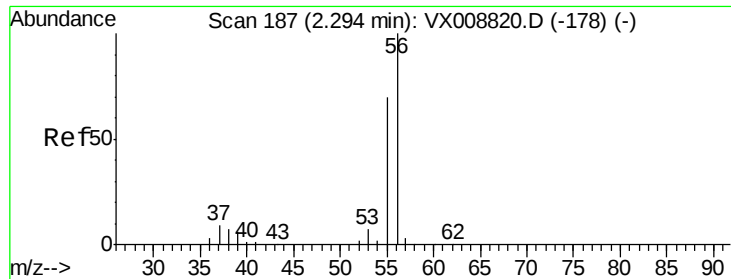


#12

1,1-Dichloroethene
Concen: 20.222 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.5	140.9	211.3
98	60.6	52.1	78.1





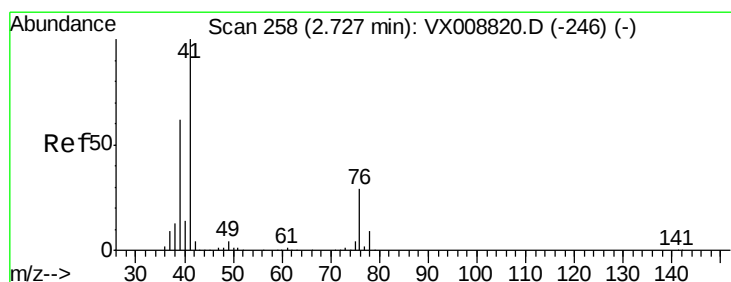
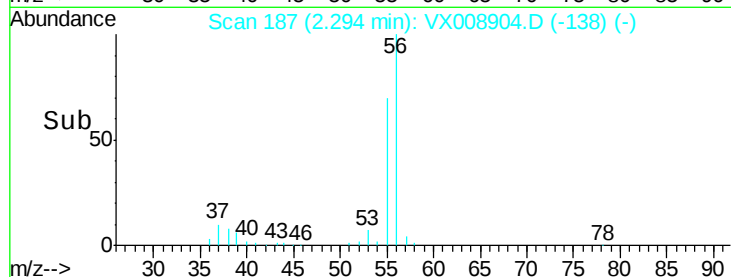
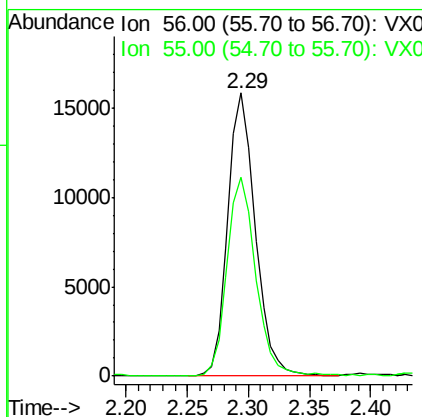
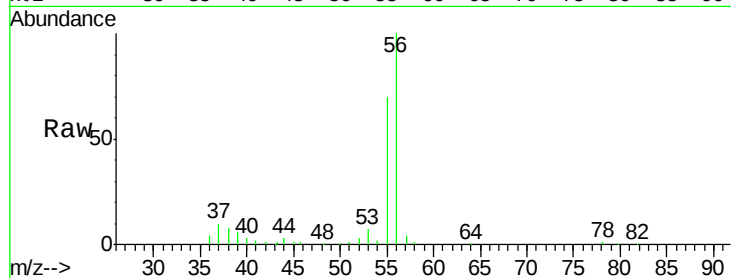
#13
Acrolein
Concen: 95.825 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion: 56 Resp: 24784
Ion Ratio Lower Upper
56 100
55 73.5 58.0 87.0

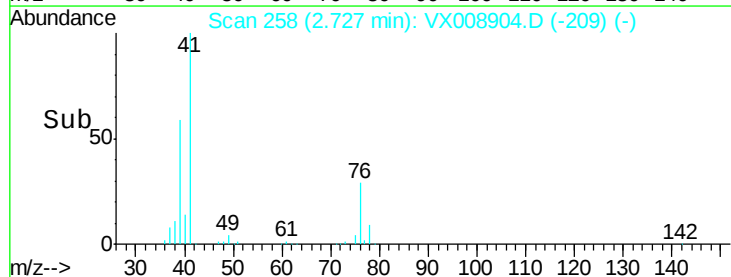
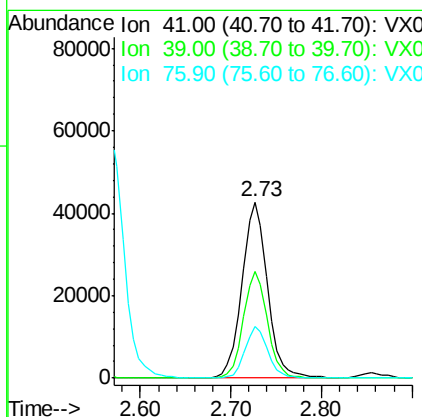
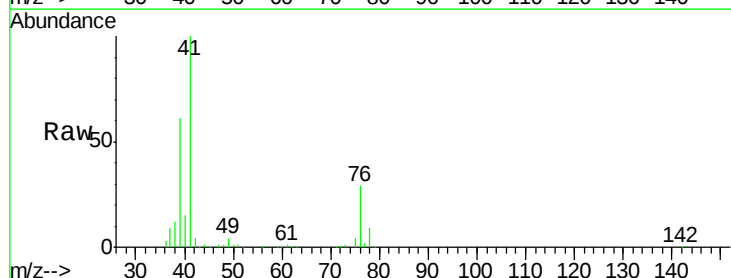
Manual Integrations
APPROVED

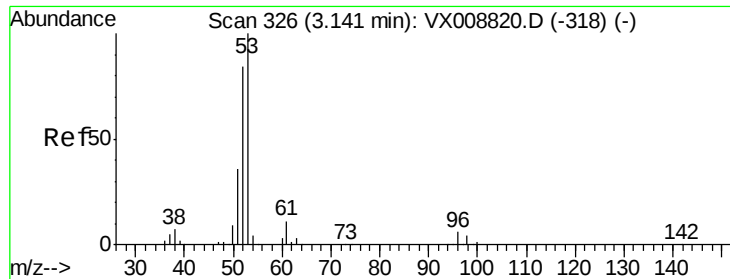
MMDadoda
4/13/2019 2:12:03 PM



#14
Allyl chloride
Concen: 20.553 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 41 Resp: 83092
Ion Ratio Lower Upper
41 100
39 57.2 48.0 72.0
76 26.4 22.0 33.0





#15

Acrylonitrile

Concen: 107.136 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

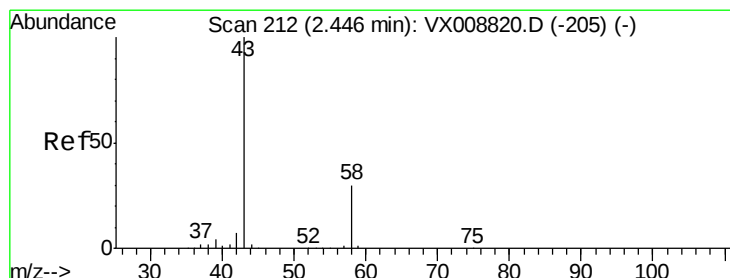
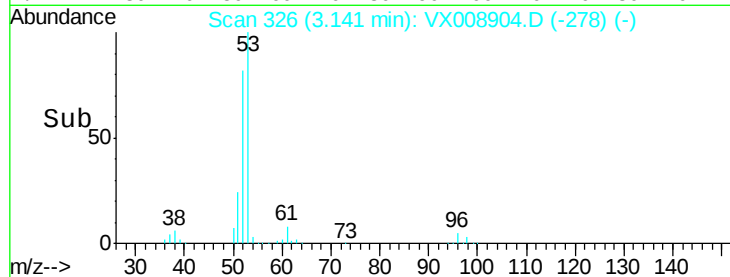
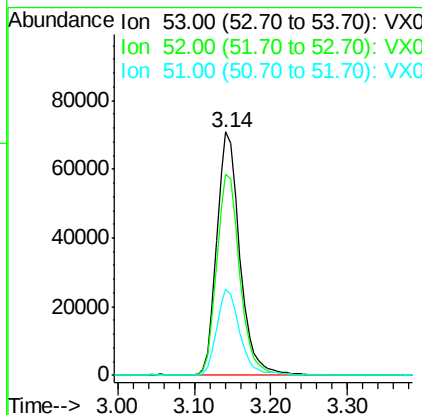
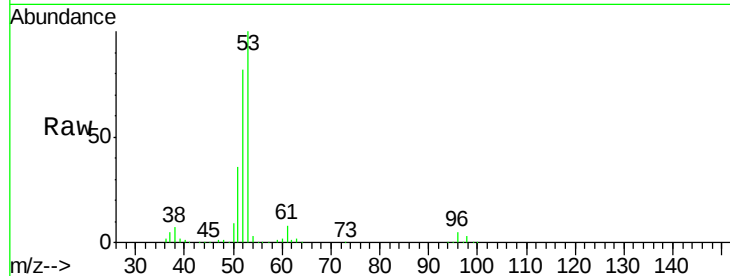
ClientSampleId :

VX0412WBS02

Tgt Ion:	53	Resp:	148042
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.5	99.7
51	35.8	28.6	42.8

Manual Integrations
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MMDadoda
4/13/2019 2:12:03 PM



#16

Acetone

Concen: 99.561 ug/l

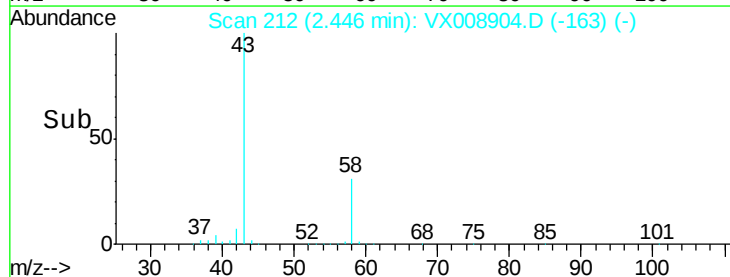
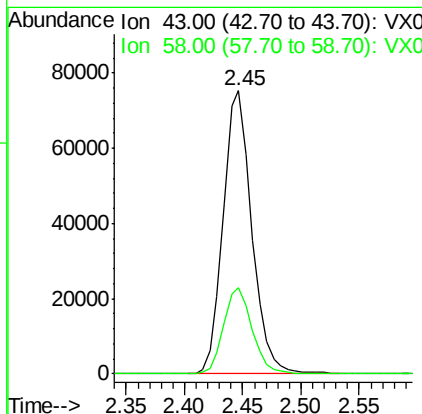
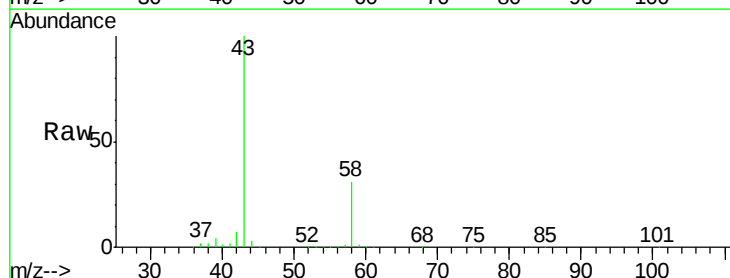
RT: 2.45 min Scan# 212

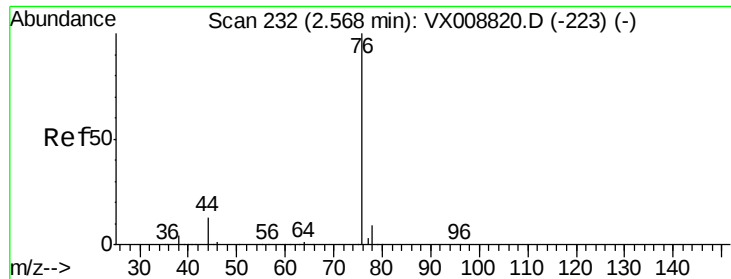
Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Tgt Ion:	43	Resp:	127763
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.8	37.2





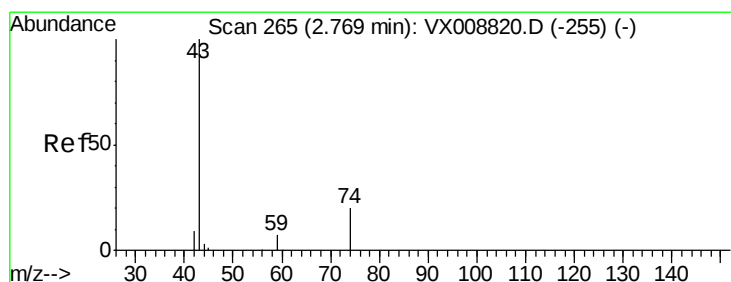
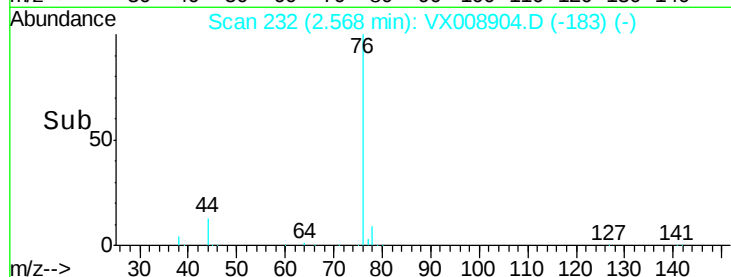
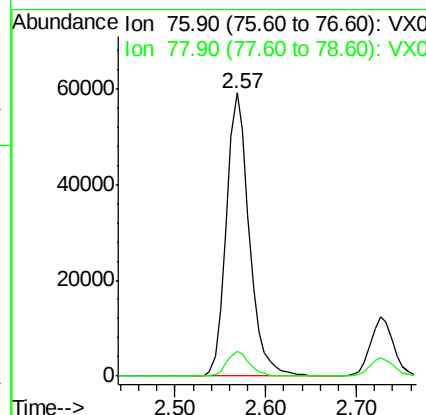
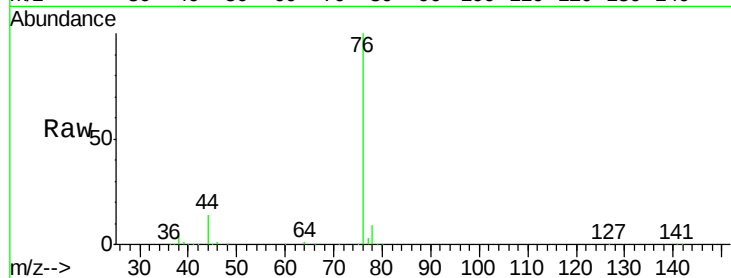
#17
Carbon Disulfide
Concen: 19.954 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

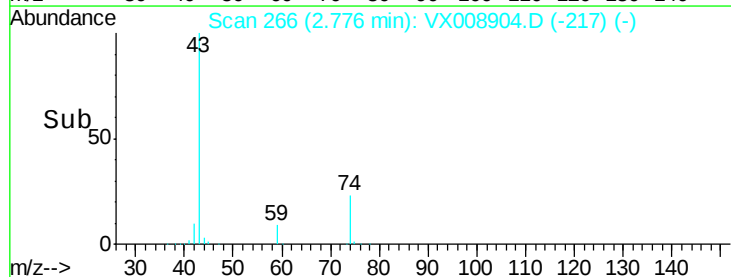
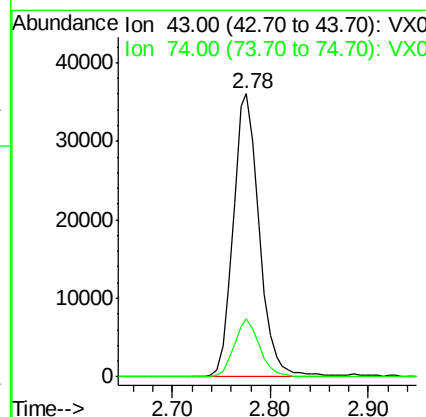
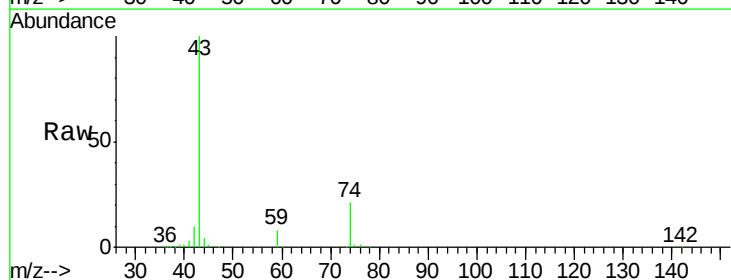
Manual Integrations
APPROVED

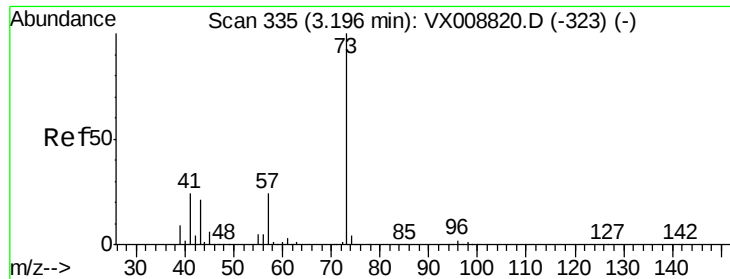
MMDadoda
4/13/2019 2:12:03 PM



#18
Methyl Acetate
Concen: 21.120 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	16.5	24.7





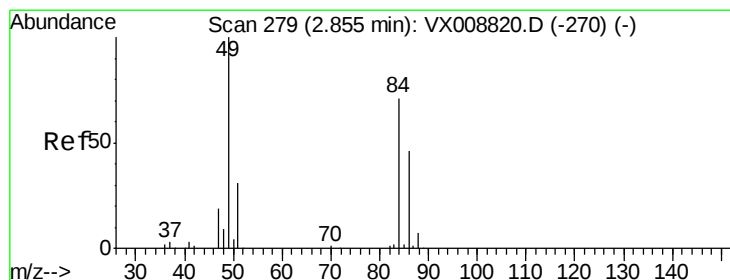
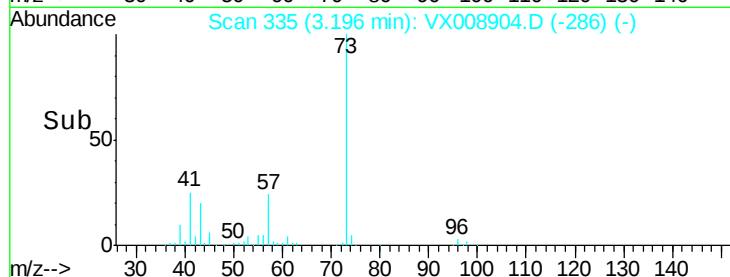
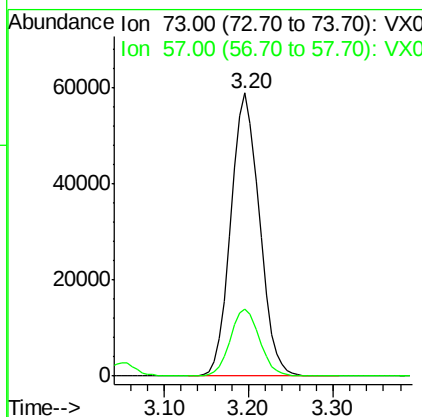
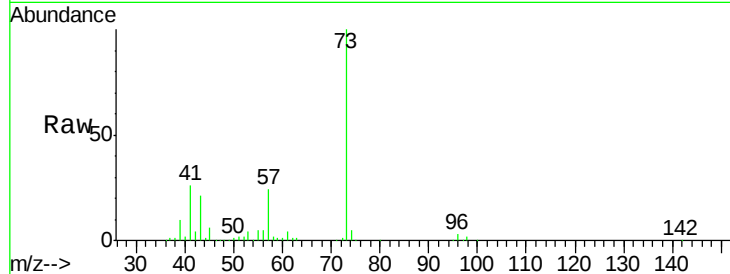
#19
Methyl tert-butyl Ether
Concen: 21.543 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion: 73 Resp: 135866
Ion Ratio Lower Upper
73 100
57 23.9 19.5 29.3

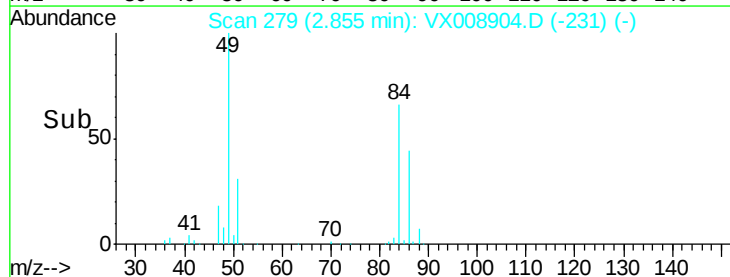
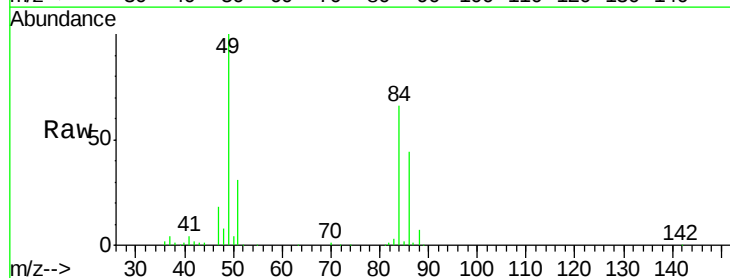
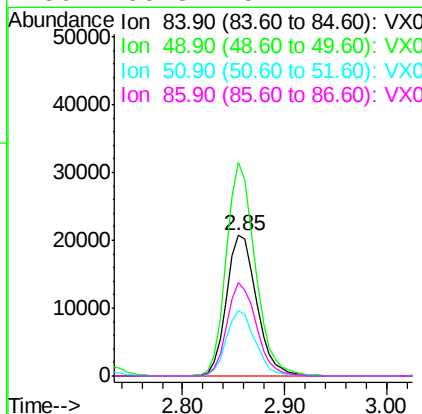
Manual Integrations
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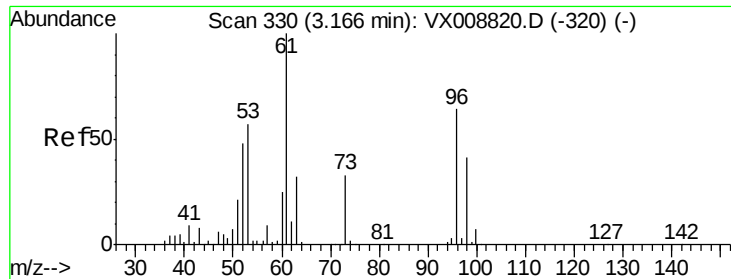
MMDadoda
4/13/2019 2:12:03 PM



#20
Methylene Chloride
Concen: 19.837 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 84 Resp: 42611
Ion Ratio Lower Upper
84 100
49 151.8 109.7 164.5
51 46.4 33.6 50.4
86 66.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.850 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

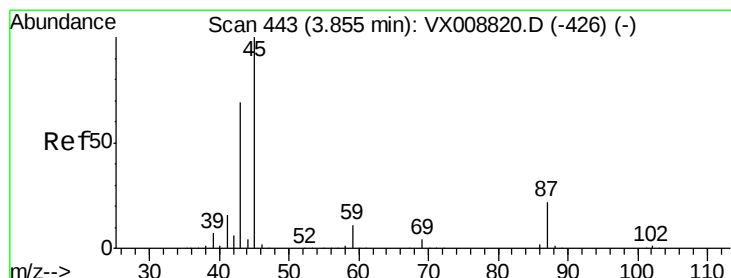
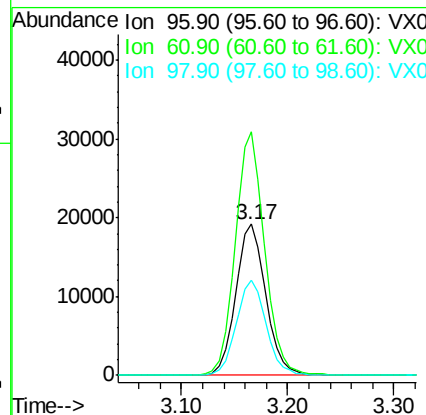
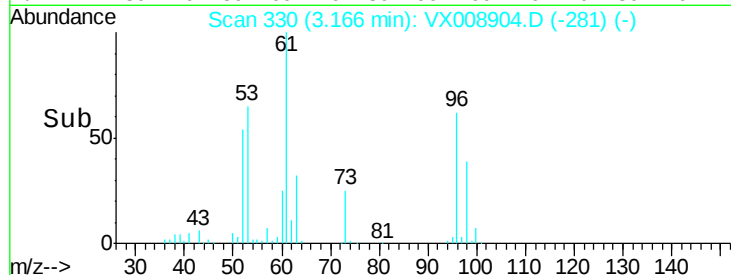
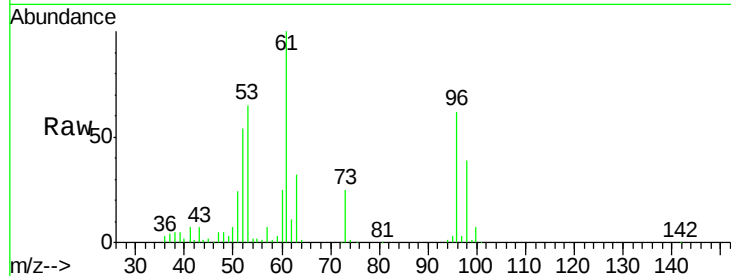
ClientSampleId :

VX0412WBS02

Tgt Ion:	96	Resp:	37918
Ion	Ratio	Lower	Upper
96	100		
61	161.2	132.1	198.1
98	63.3	52.2	78.2

Manual Integrations
APPROVED

MMDadoda
4/13/2019 2:12:03 PM



#22

Diisopropyl ether

Concen: 21.282 ug/l

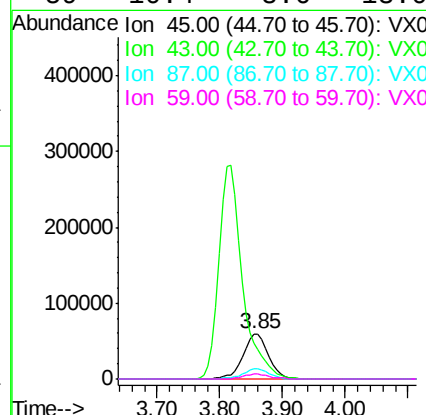
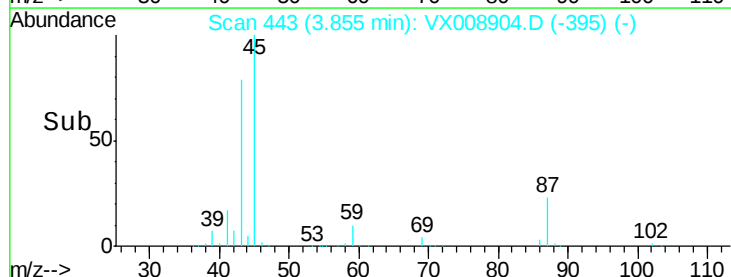
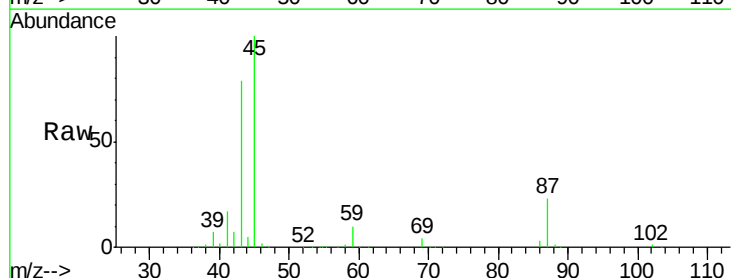
RT: 3.85 min Scan# 443

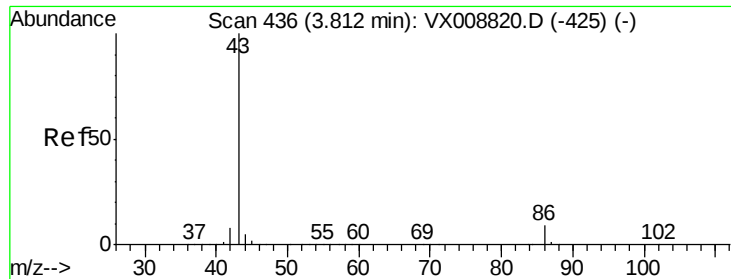
Delta R.T. -0.01 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Tgt Ion:	45	Resp:	165827
Ion	Ratio	Lower	Upper
45	100		
43	79.2	51.3	76.9#
87	22.9	18.1	27.1
59	10.4	8.6	13.0





#23

Vinyl Acetate

Concen: 108.731 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion: 43 Resp: 737037

Ion Ratio Lower Upper

43 100

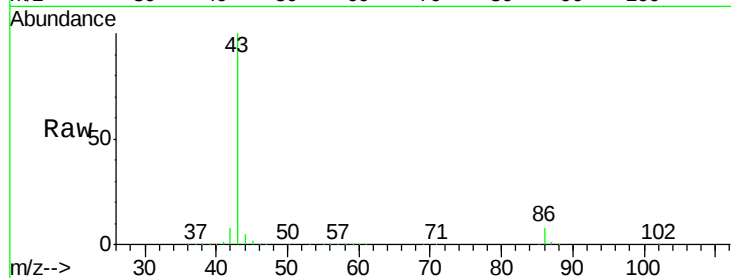
86 8.5 7.0 10.6

Manual Integrations

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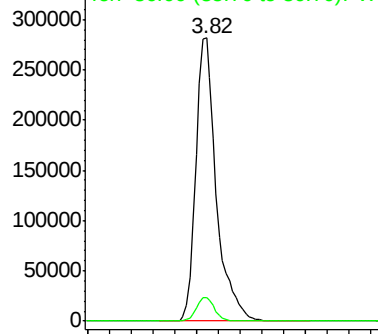
MMDadoda

4/13/2019 2:12:03 PM

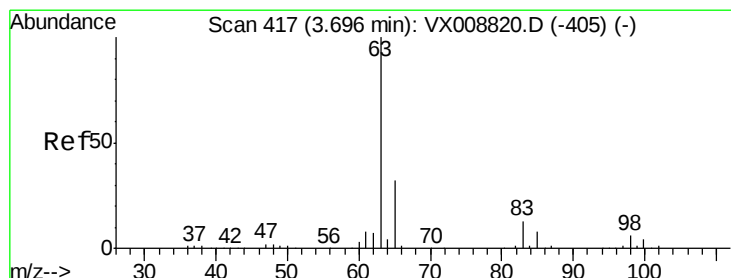
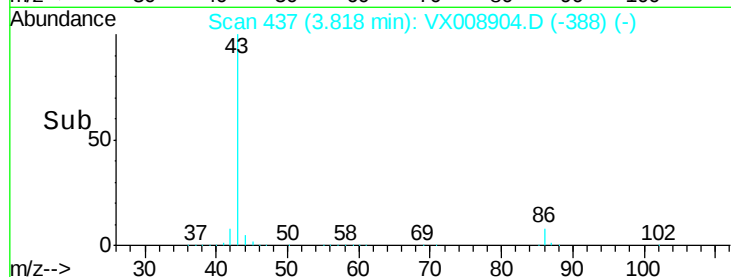


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.715 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

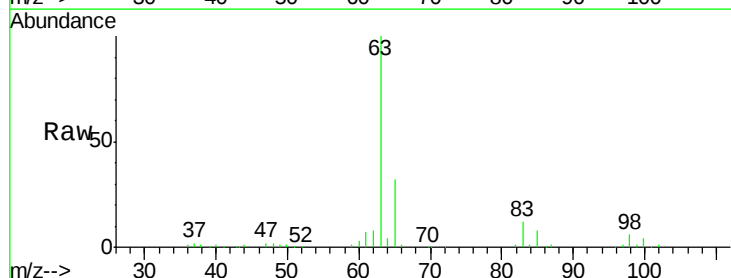
Tgt Ion: 63 Resp: 79915

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.4

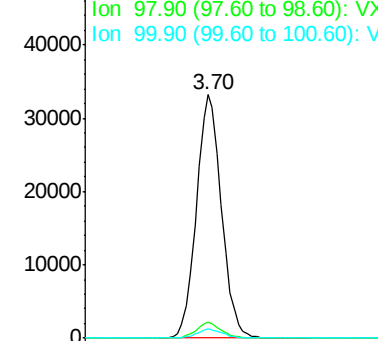
100 3.9 1.8 5.5



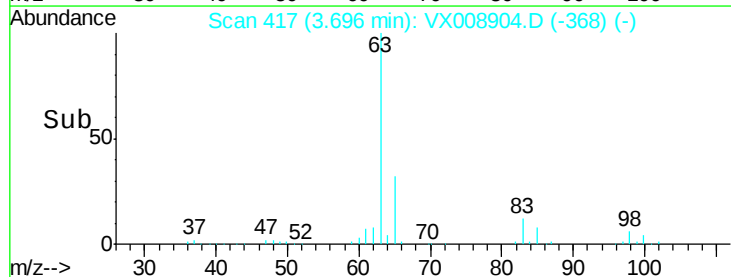
Abundance Ion 62.90 (62.60 to 63.60): VX0

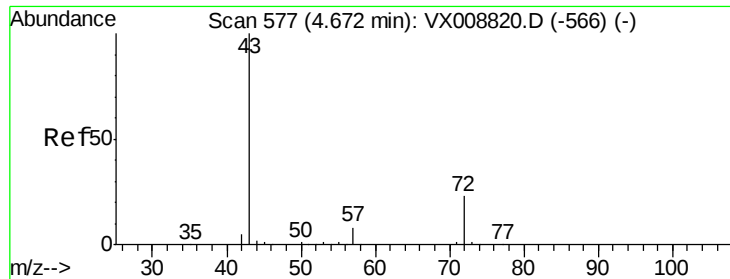
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 108.580 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion: 43 Resp: 220226

Ion Ratio Lower Upper

43 100

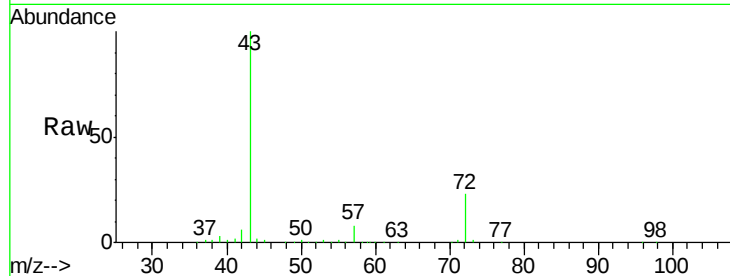
72 22.4 18.2 27.4

Manual Integrations

APPROVED

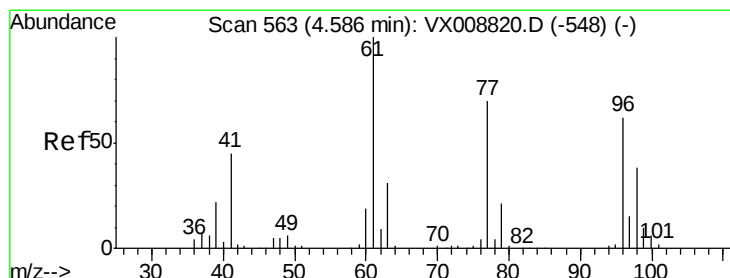
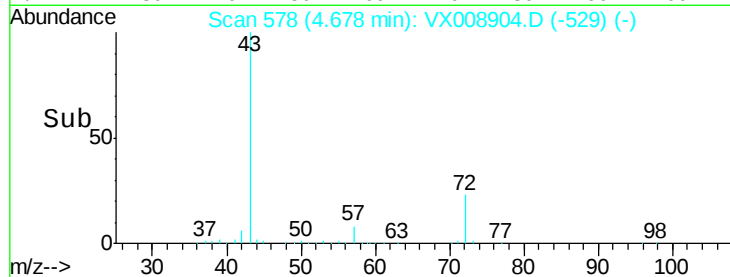
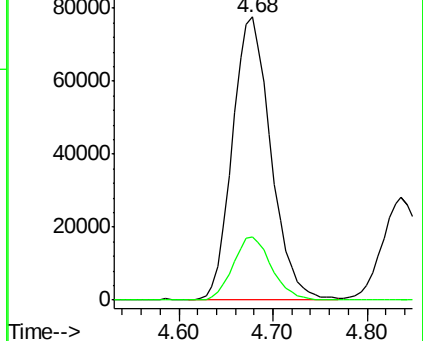
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.977 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008904.D

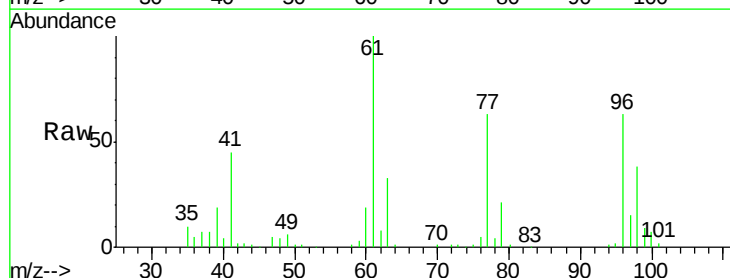
Acq: 12 Apr 2019 22:55

Tgt Ion: 77 Resp: 43412

Ion Ratio Lower Upper

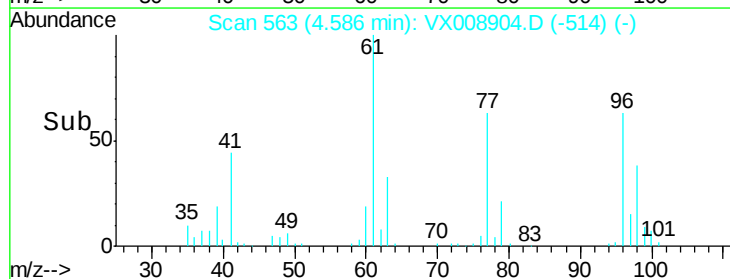
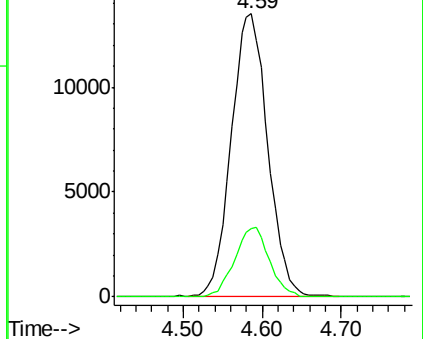
77 100

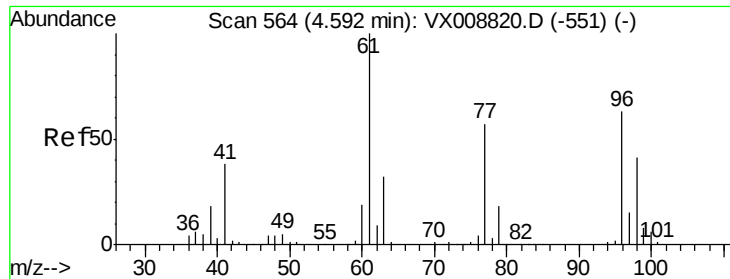
97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

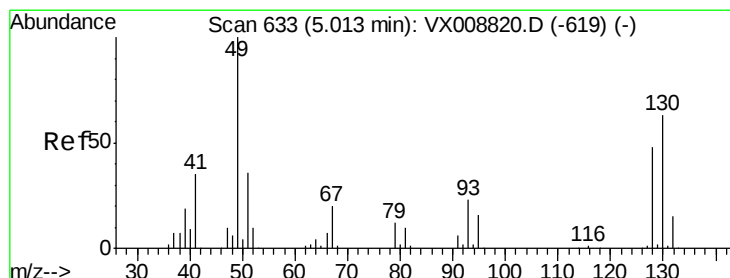
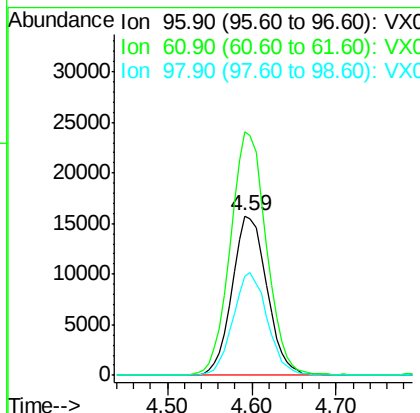
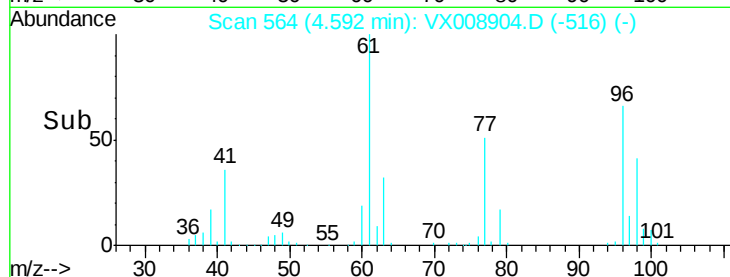
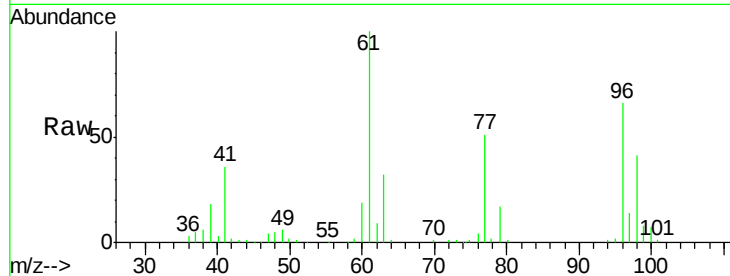
cis-1,2-Dichloroethene
Concen: 20.114 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion: 96 Resp: 44174
Ion Ratio Lower Upper
96 100
61 158.1 0.0 327.6
98 63.4 0.0 128.6

Manual Integrations
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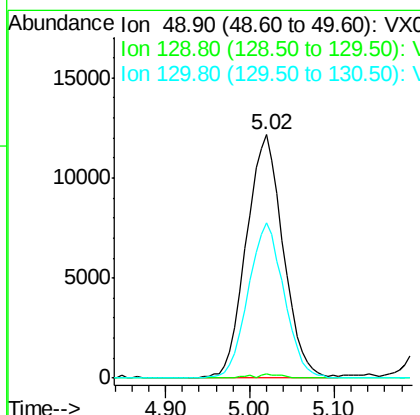
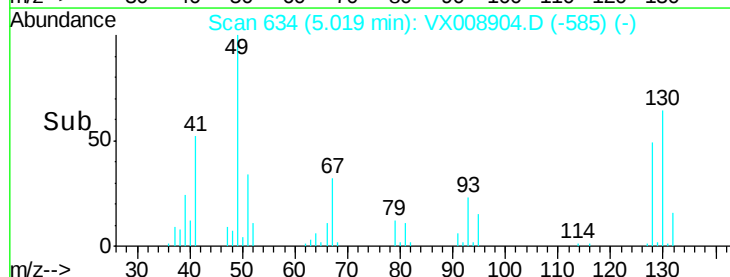
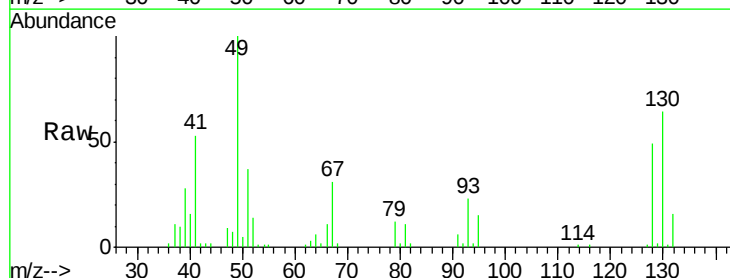
MMDadoda
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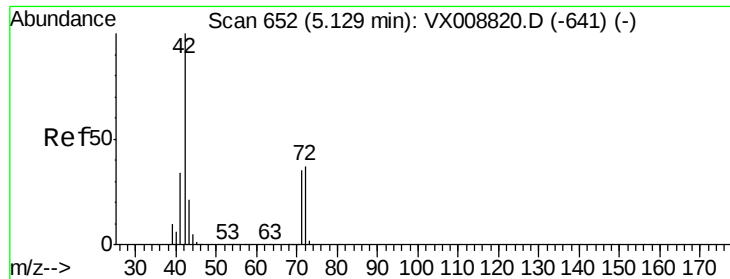


#28

Bromochloromethane
Concen: 20.743 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 49 Resp: 36282
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.6
130 62.0 49.3 73.9





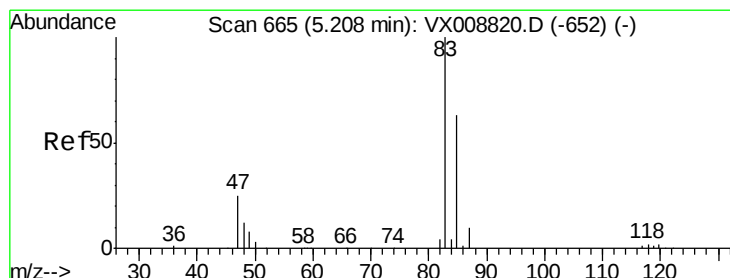
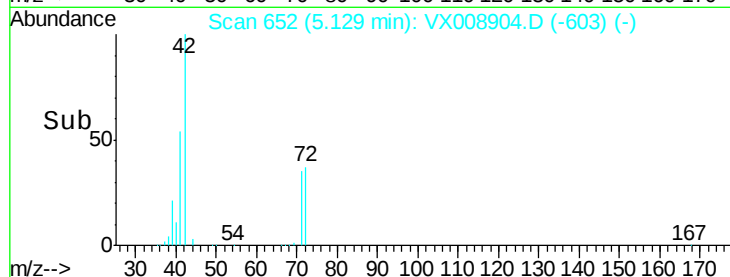
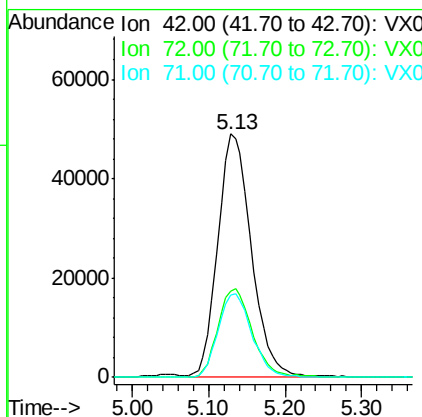
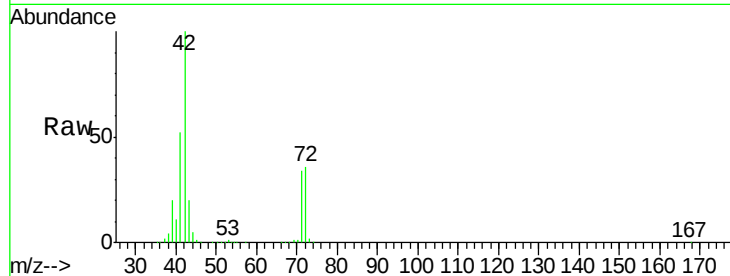
#29
Tetrahydrofuran
Concen: 109.737 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.7	30.5	45.7
71	34.9	28.6	43.0

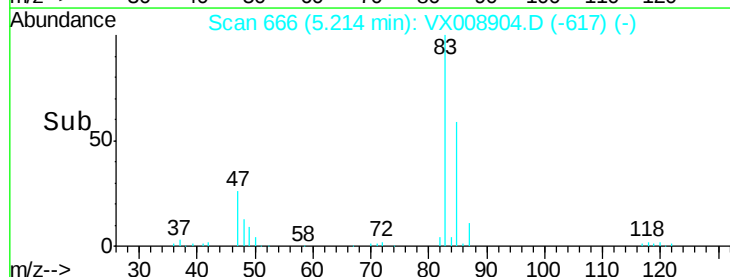
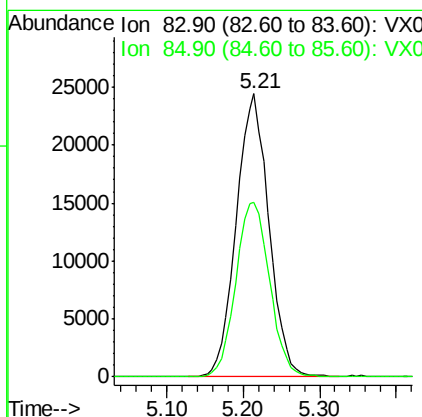
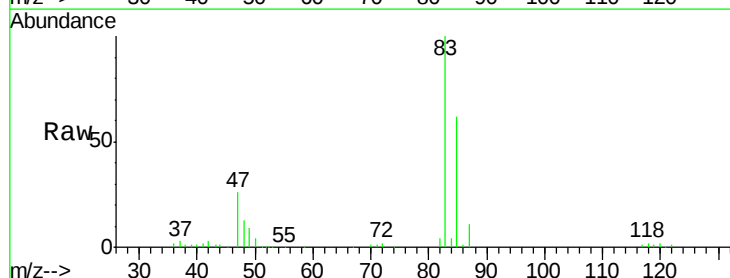
Manual Integrations
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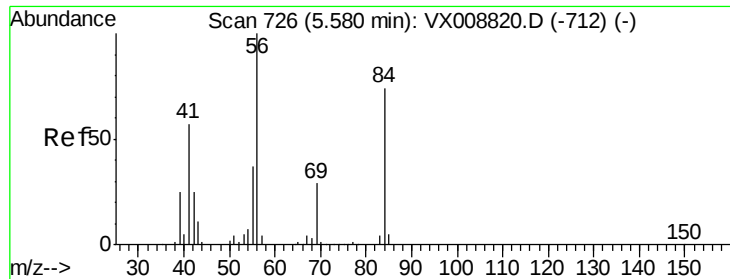
MMDadoda
4/13/2019 2:12:03 PM



#30
Chloroform
Concen: 20.997 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.1	78.1





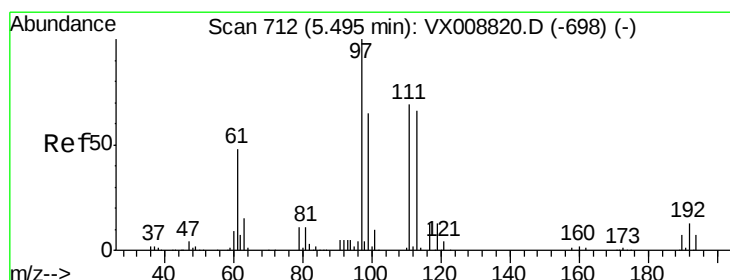
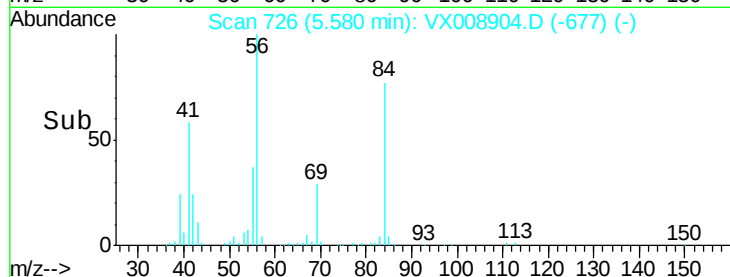
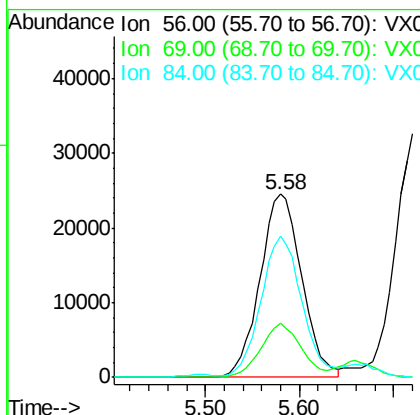
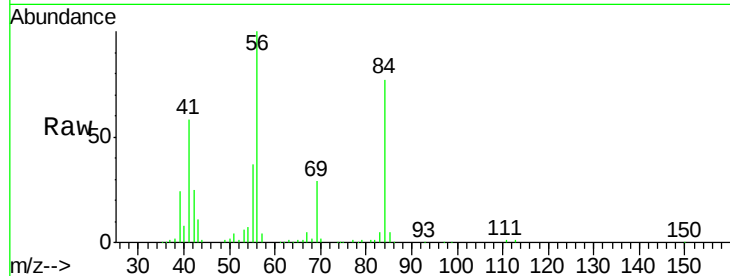
#31
Cyclohexane
Concen: 19.727 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.3	22.6	33.8
84	75.9	59.3	88.9

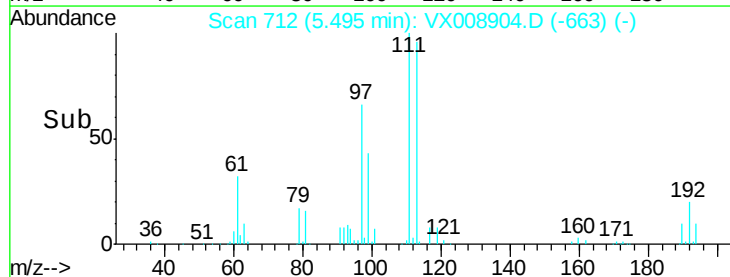
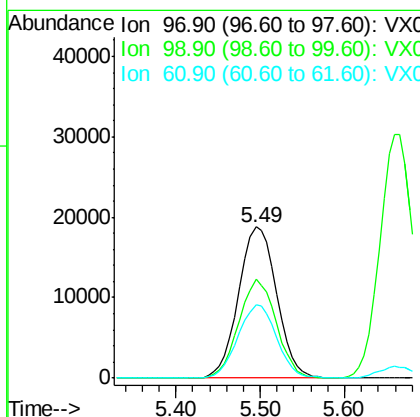
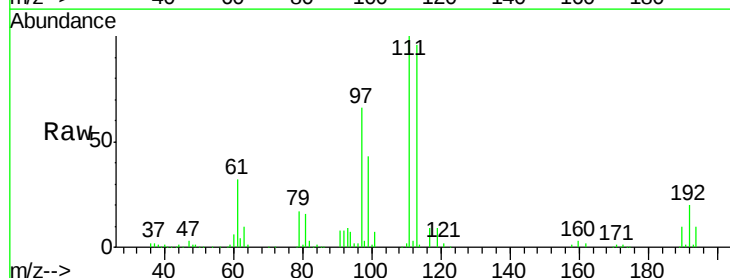
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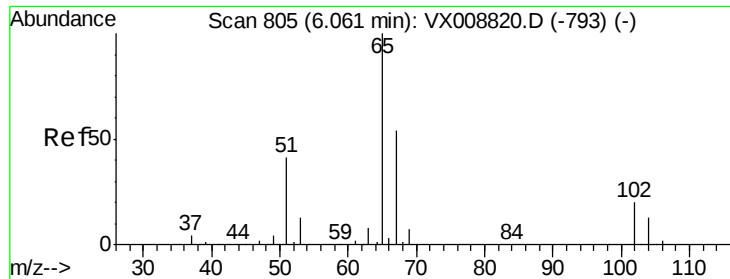
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#32
1,1,1-Trichloroethane
Concen: 20.748 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	49.3	38.9	58.3





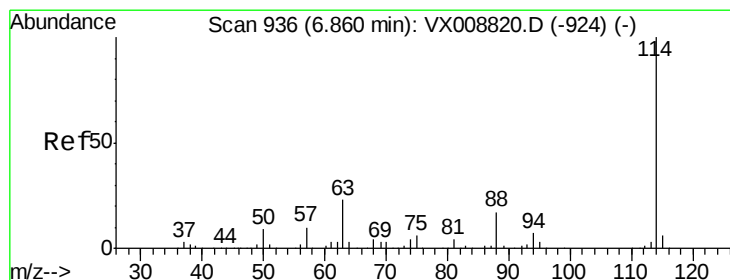
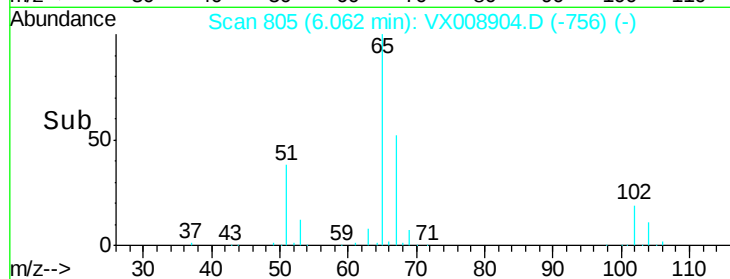
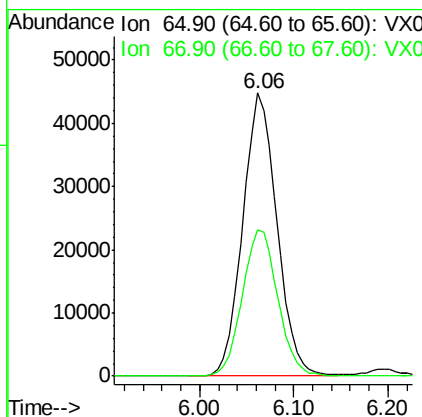
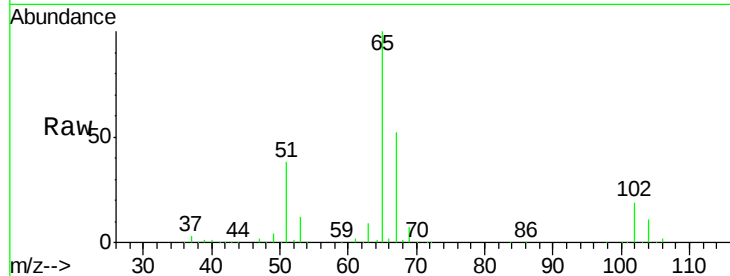
#33
 1,2-Dichloroethane-d4
 Concen: 51.315 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tgt Ion: 65 Resp: 114331
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2

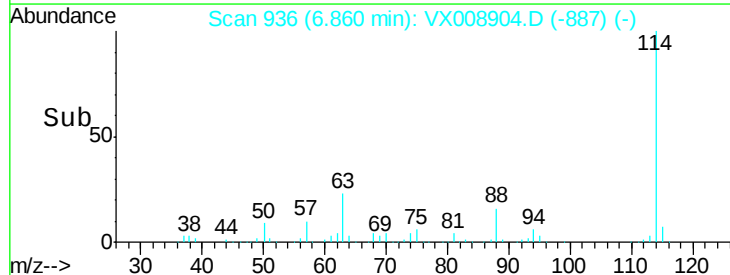
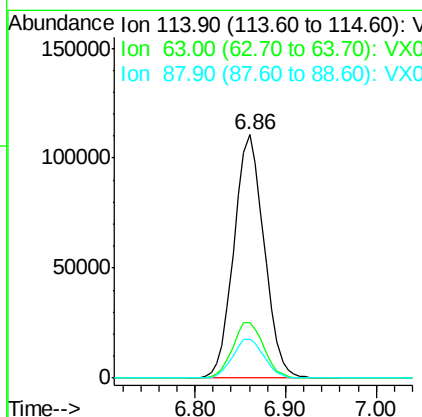
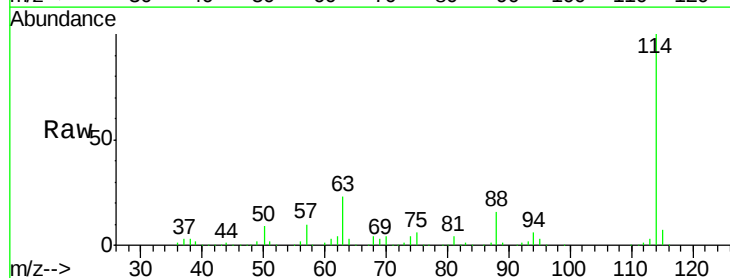
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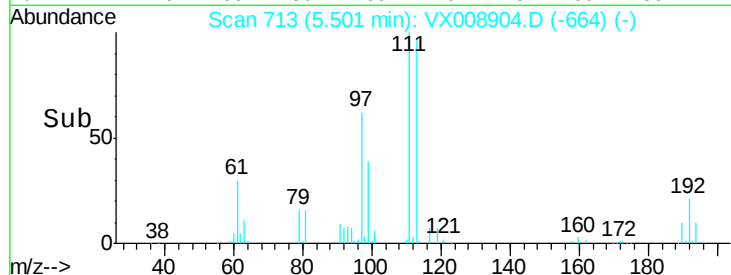
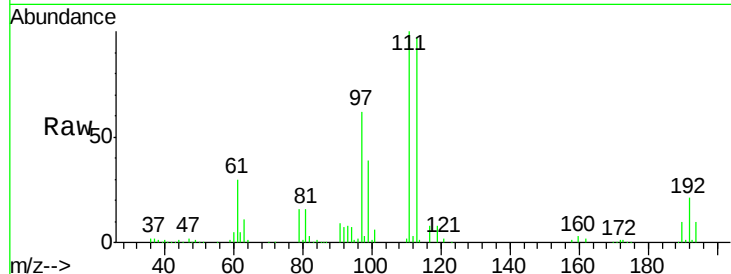
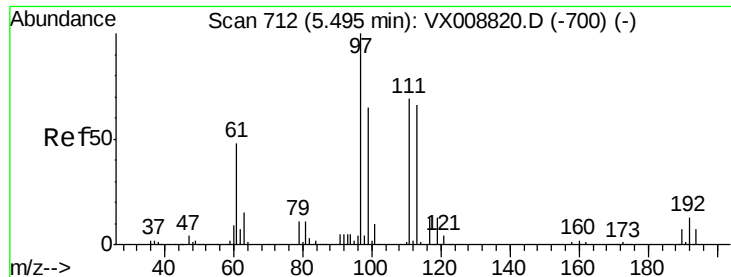
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion: 114 Resp: 256512
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.2
 88 16.1 0.0 34.0





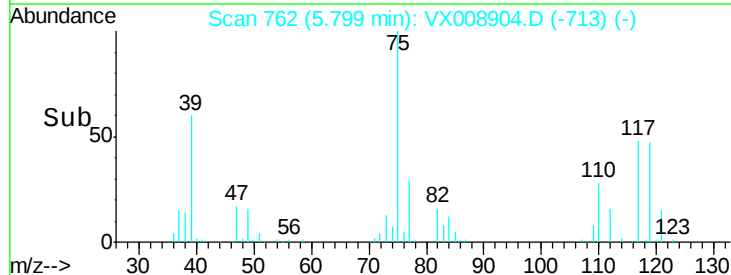
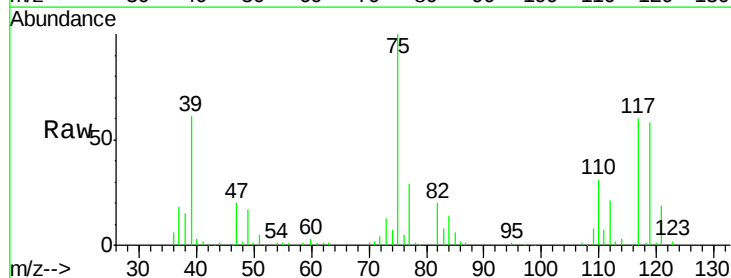
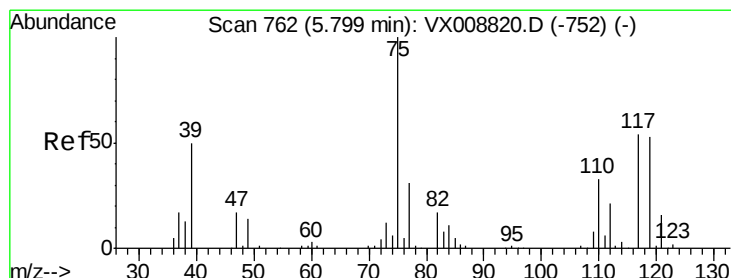
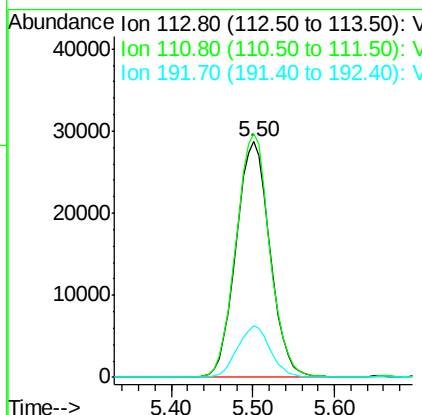
#35
Dibromofluoromethane
Concen: 50.586 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	82963		
111	102.6	83.4	125.2	
192	21.1	16.1	24.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

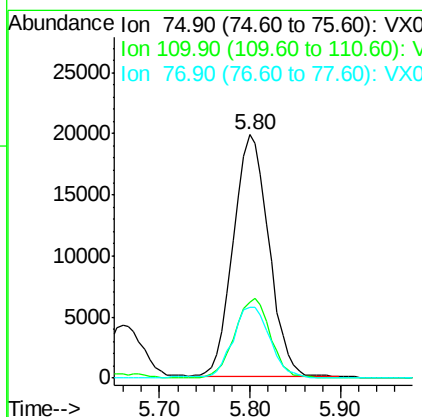
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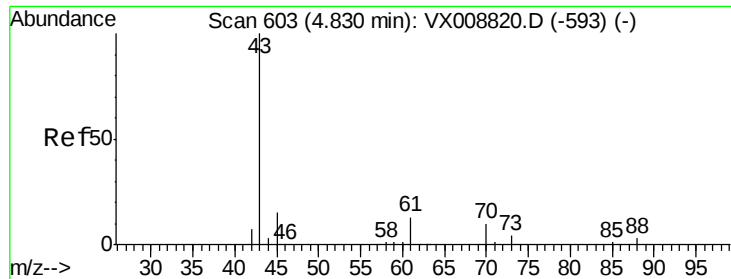
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#36
1,1-Dichloropropene
Concen: 19.222 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53898		
110	33.2	16.4	49.2	
77	31.0	24.7	37.1	





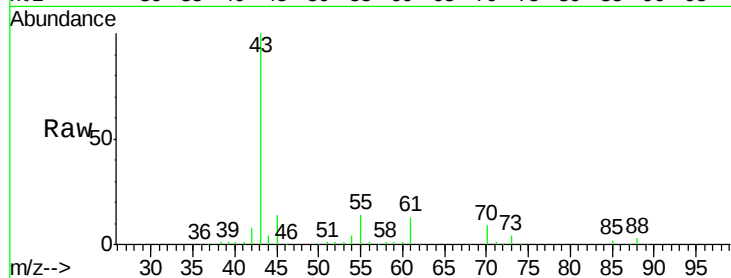
#37
Ethyl Acetate
Concen: 22.031 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

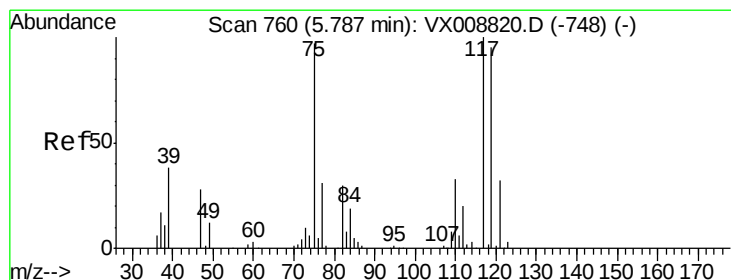
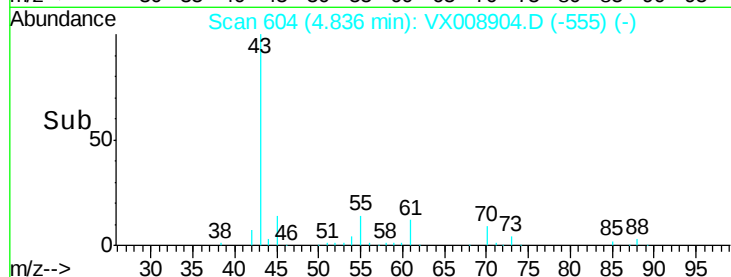
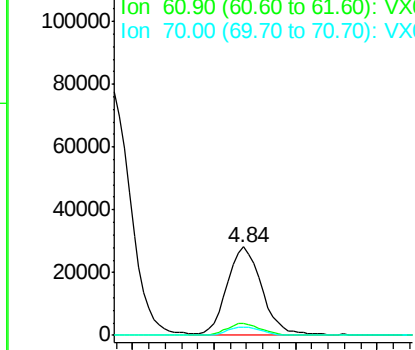
Tgt Ion: 43 Resp: 82454
Ion Ratio Lower Upper
43 100
61 13.5 10.3 15.5
70 9.5 7.6 11.4

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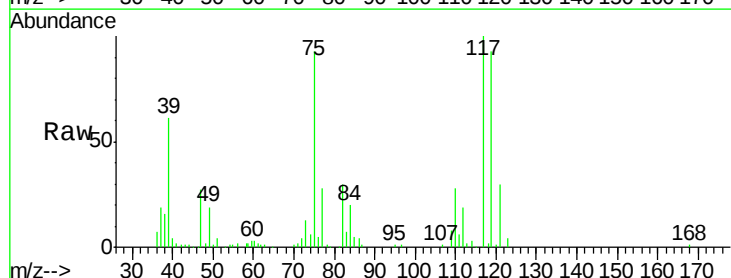


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

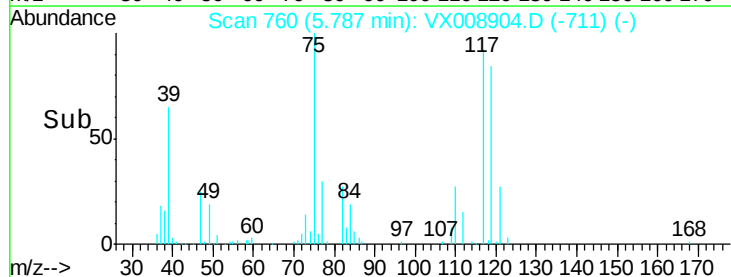
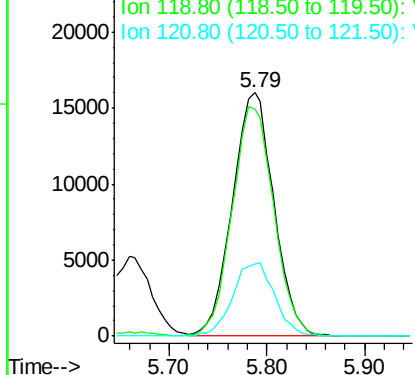


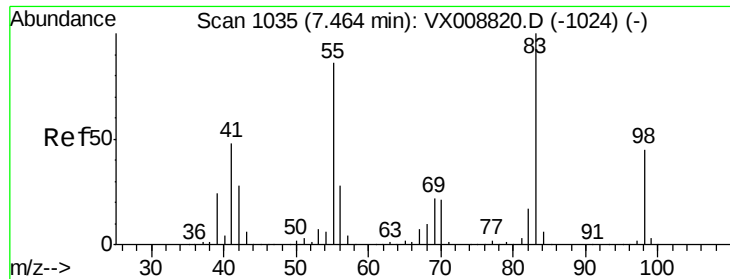
#38
Carbon Tetrachloride
Concen: 20.329 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 117 Resp: 47178
Ion Ratio Lower Upper
117 100
119 93.1 75.0 112.6
121 29.7 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





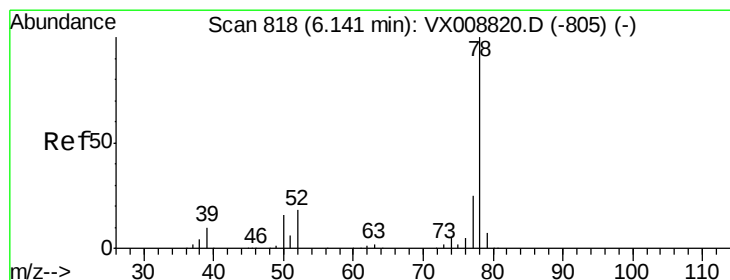
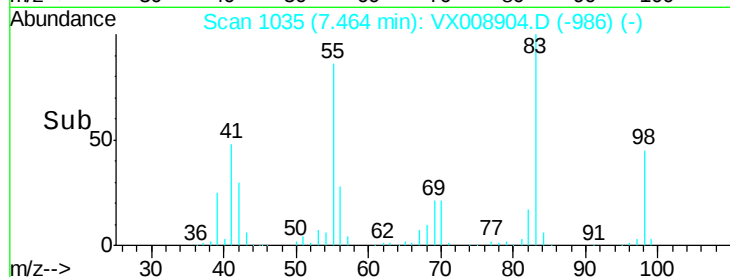
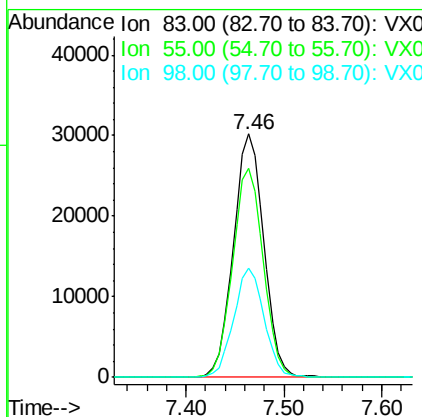
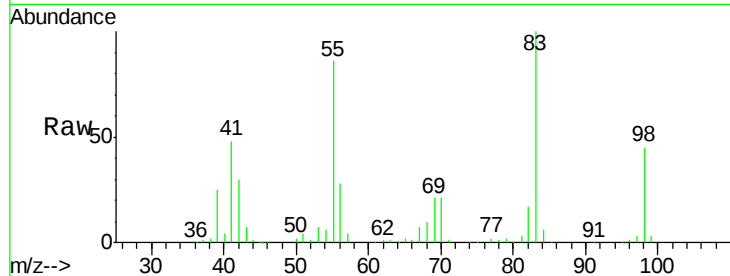
#39
Methylcyclohexane
Concen: 18.837 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.1	69.0	103.6
98	44.9	34.4	51.6

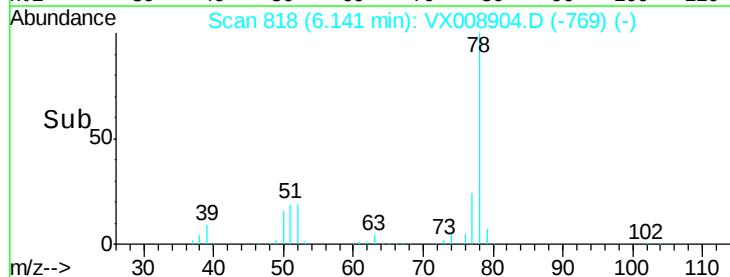
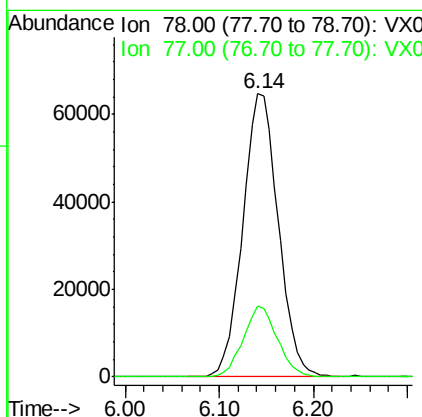
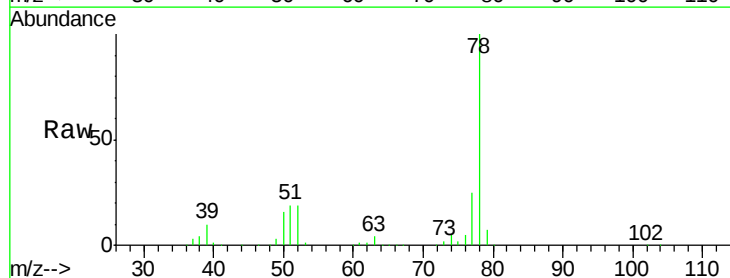
Manual Integrations
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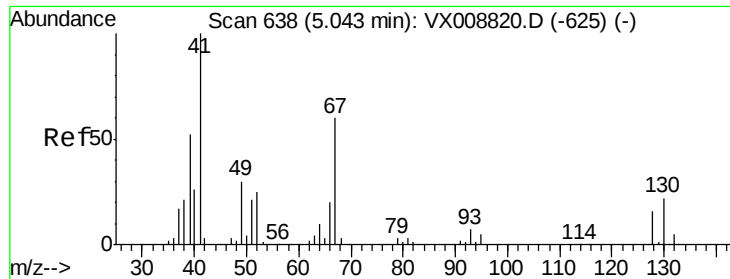
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#40
Benzene
Concen: 20.469 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.1	28.7





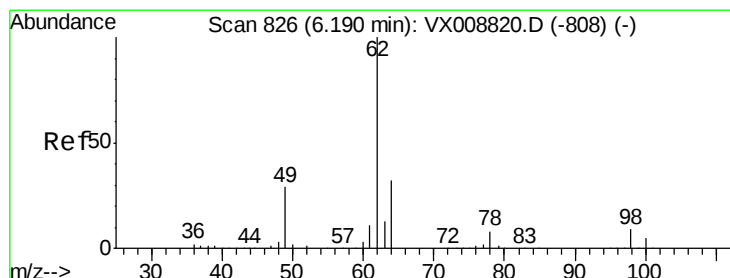
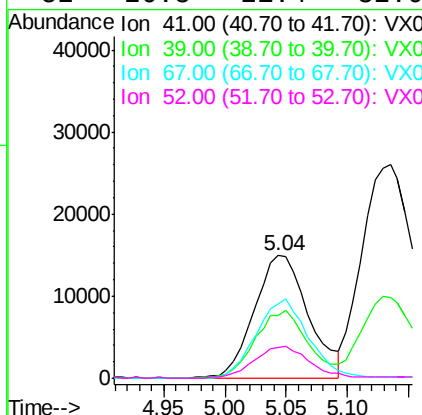
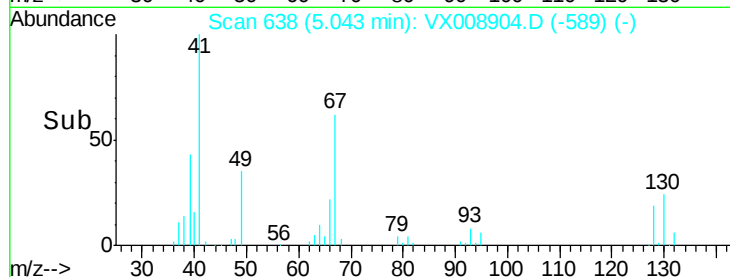
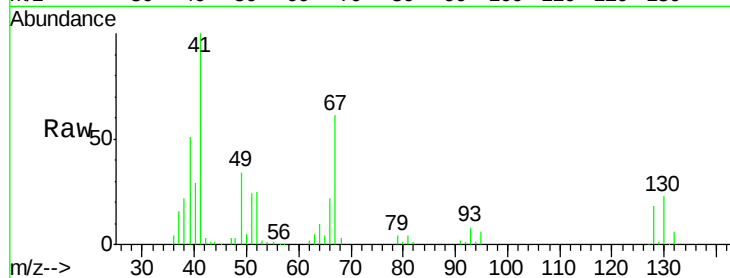
#41
Methacrylonitrile
Concen: 21.350 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	42.1	63.1	
67	63.2	51.0	76.6	
52	26.8	21.4	32.0	

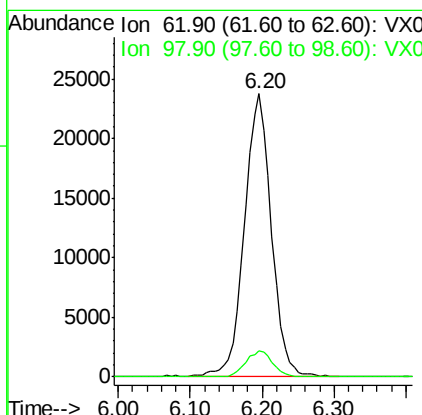
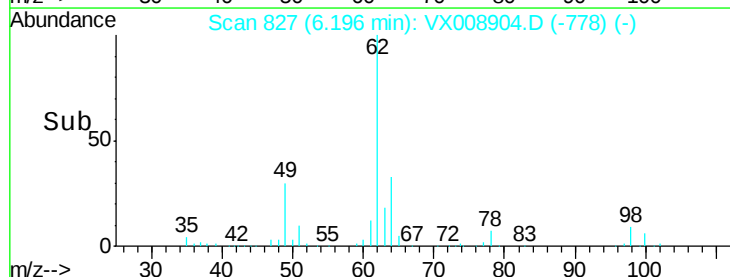
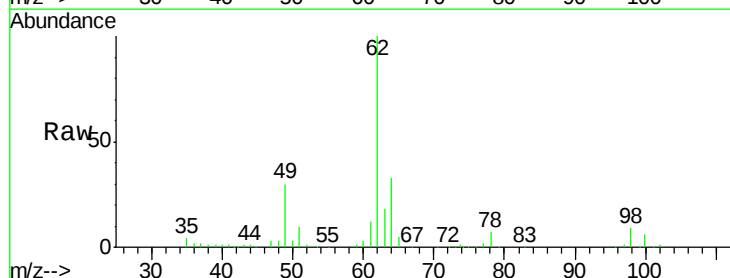
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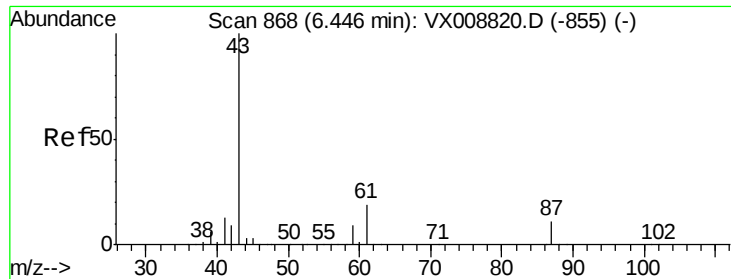
MMDadoda
4/13/2019 2:12:03 PM



#42
1,2-Dichloroethane
Concen: 20.610 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	18.0	





#43

Isopropyl Acetate

Concen: 21.657 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

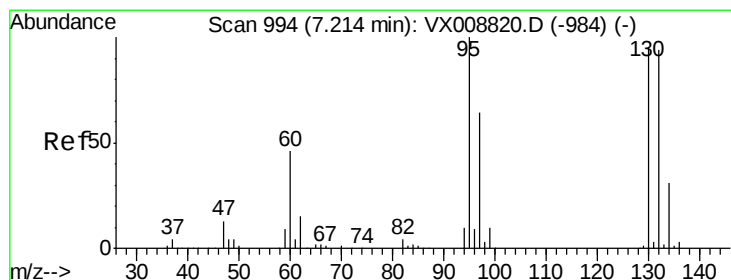
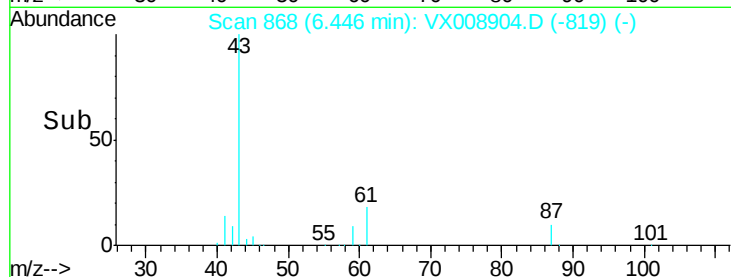
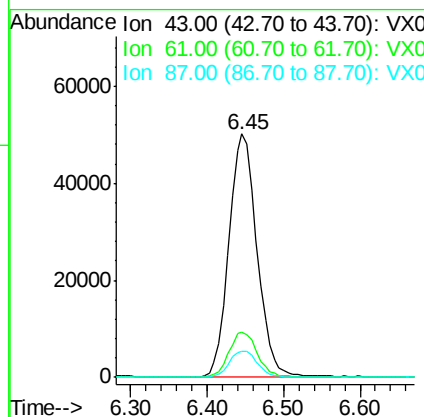
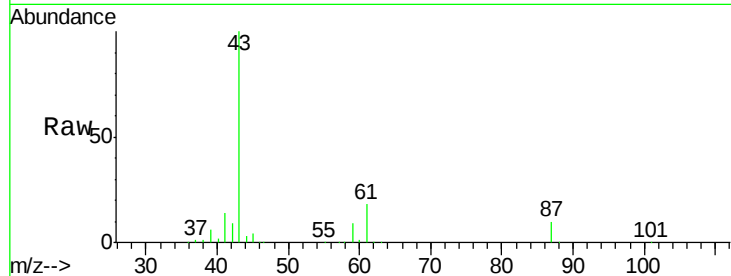
ClientSampleId :

VX0412WBS02

Tgt Ion:	43	Resp:	126972
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.3	22.9
87	11.1	9.0	13.6

Manual Integrations
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4/13/2019 2:12:03 PM



#44

Trichloroethene

Concen: 20.662 ug/l

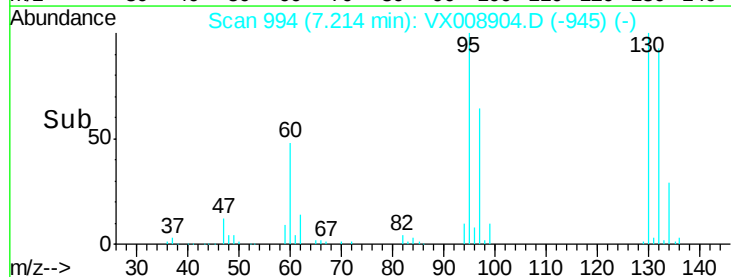
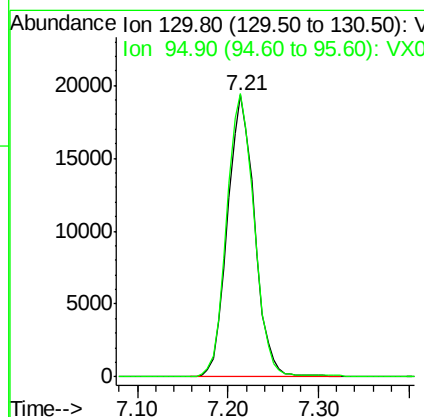
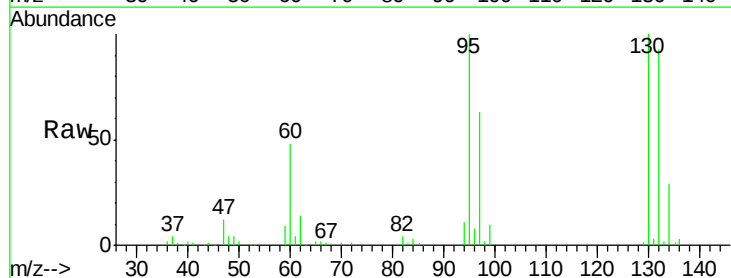
RT: 7.21 min Scan# 994

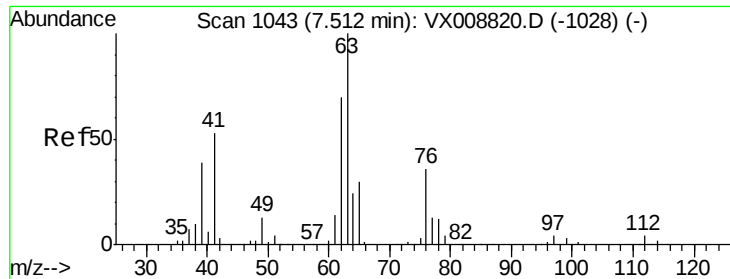
Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Tgt Ion:	130	Resp:	40199
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	209.8





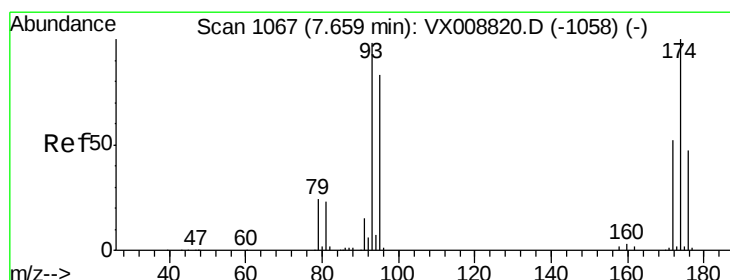
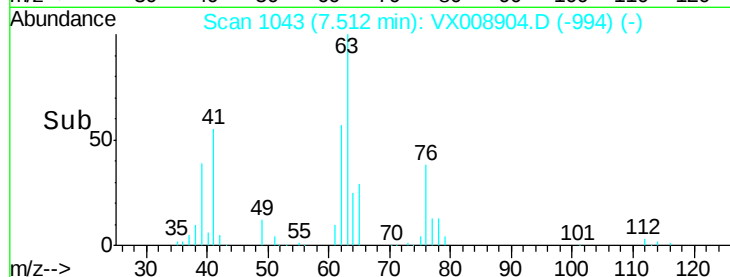
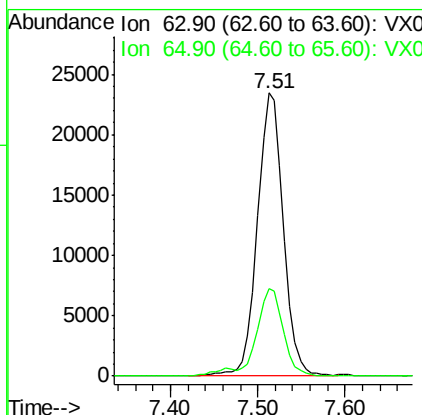
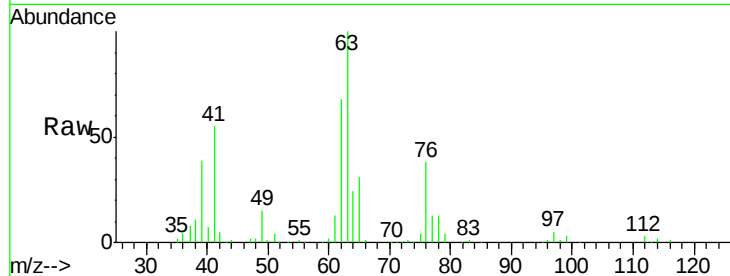
#45
 1,2-Dichloropropane
 Concen: 20.345 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tgt Ion: 63 Resp: 48508
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.4

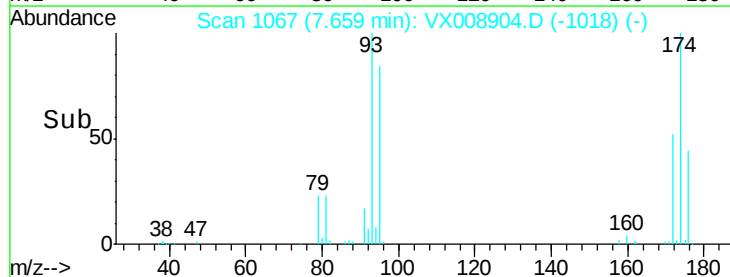
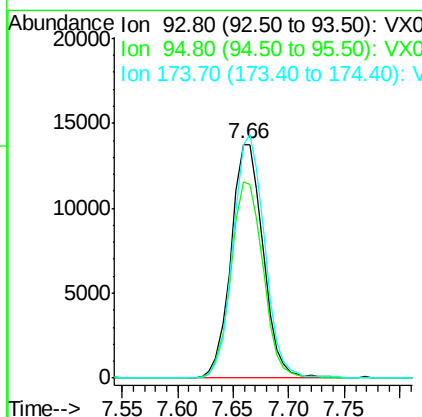
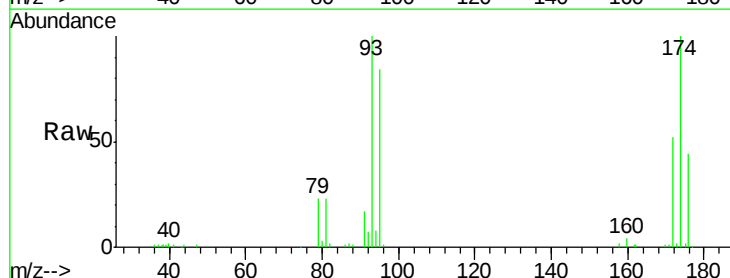
Manual Integrations
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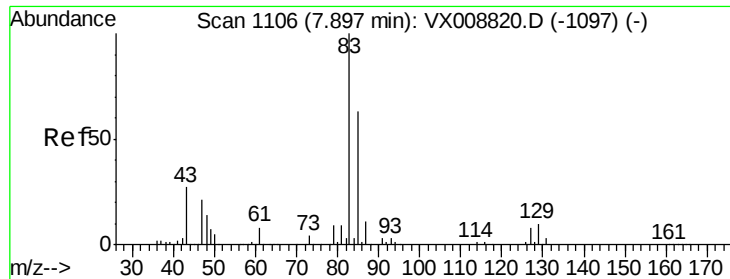
MMDadoda
 4/13/2019 2:12:03 PM



#46
 Dibromomethane
 Concen: 19.869 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion: 93 Resp: 27475
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.6 99.8
 174 102.6 77.7 116.5





#47

Bromodichloromethane

Concen: 20.583 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

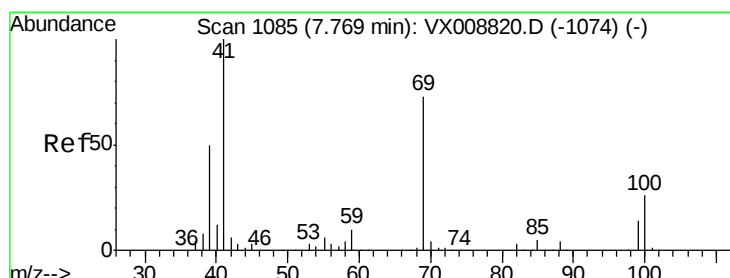
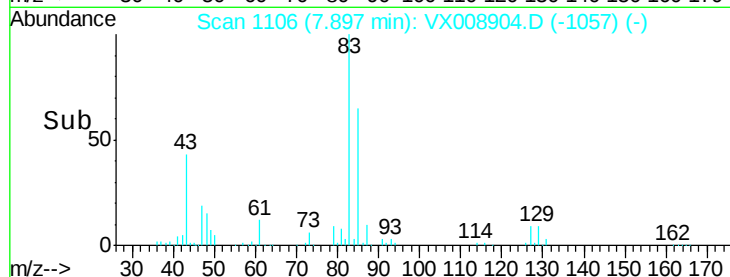
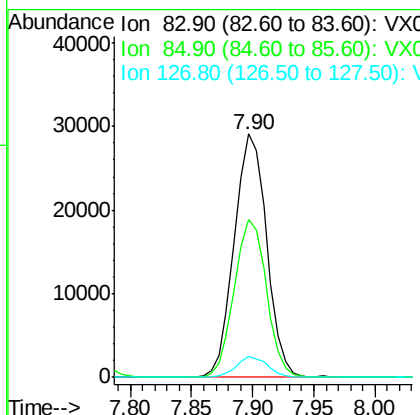
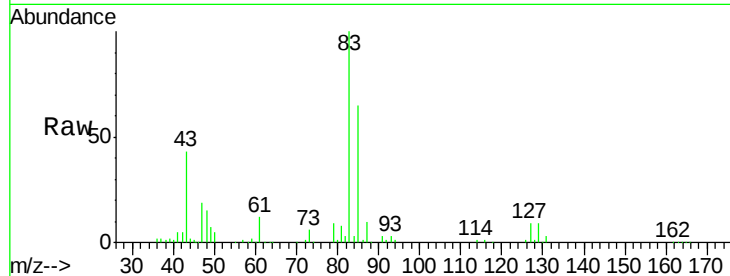
ClientSampleId :

VX0412WBS02

Tgt Ion:	83	Resp:	53666
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.2	76.8
127	8.6	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.721 ug/l

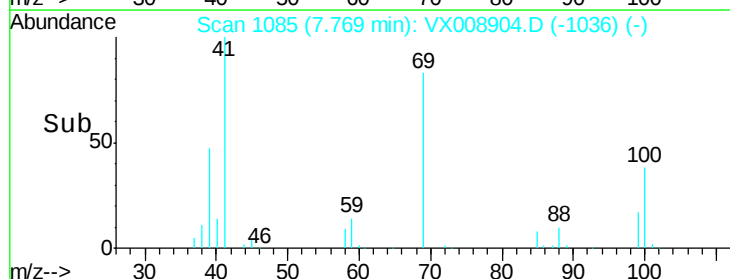
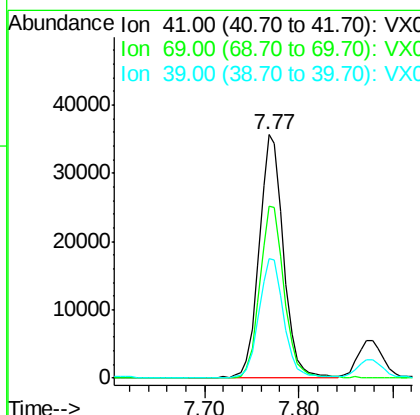
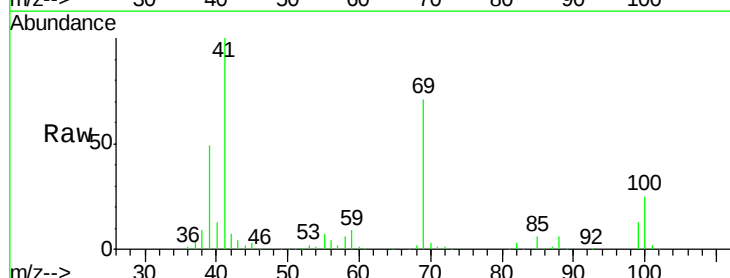
RT: 7.77 min Scan# 1085

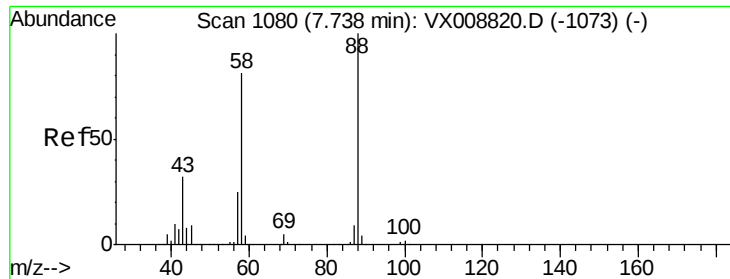
Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Tgt Ion:	41	Resp:	64418
Ion	Ratio	Lower	Upper
41	100		
69	71.4	59.0	88.4
39	50.7	41.0	61.4





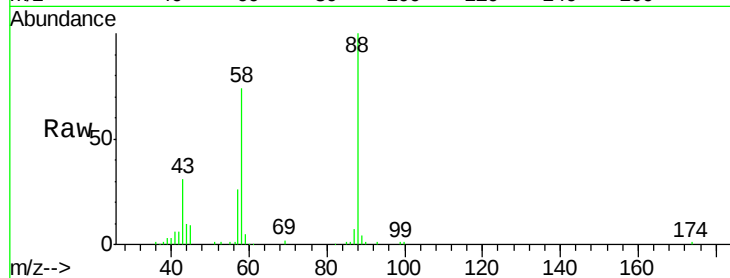
#49
1,4-Dioxane
Concen: 442.214 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.5	28.6	43.0
58	78.7	62.2	93.2

Manual Integrations
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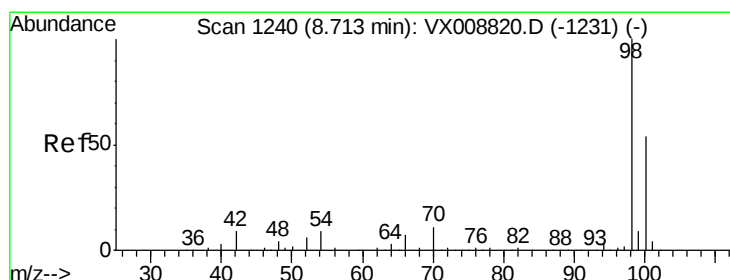
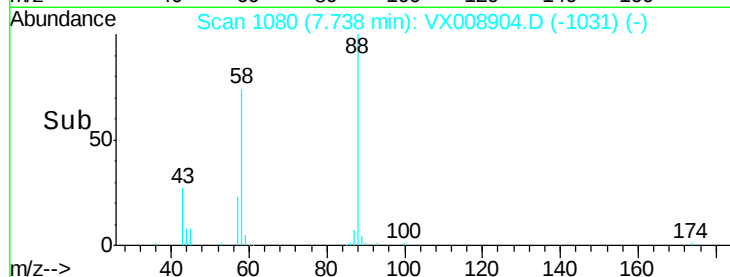
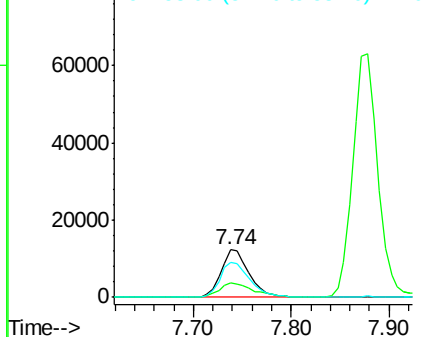


Abundance

Ion 88.00 (87.70 to 88.70): VX0

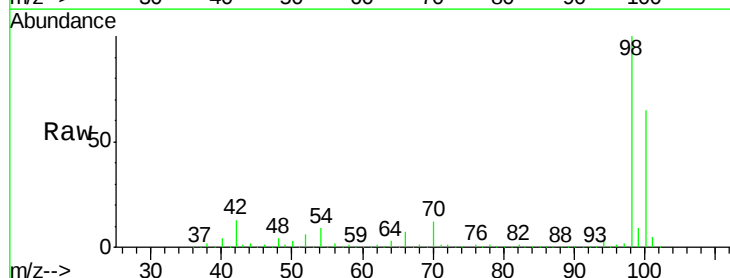
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.714 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

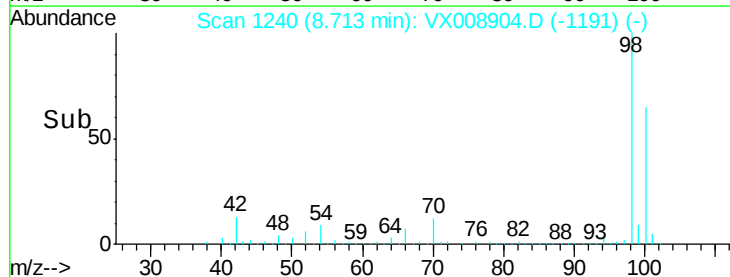
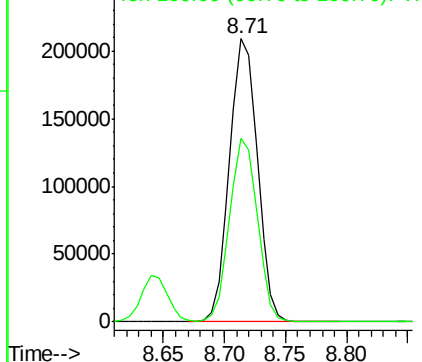
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0

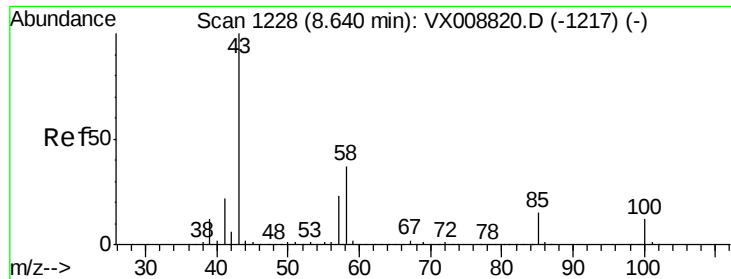


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 112.738 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion: 43 Resp: 425492

Ion Ratio Lower Upper

43 100

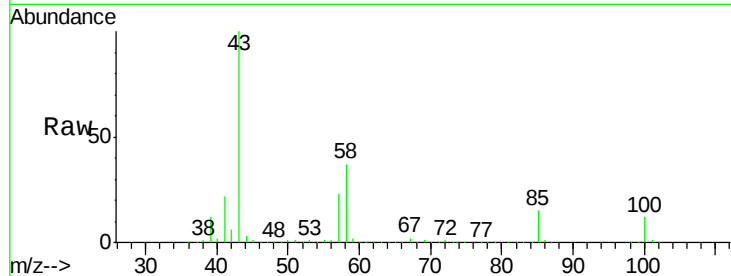
58 36.7 29.5 44.3

Manual Integrations

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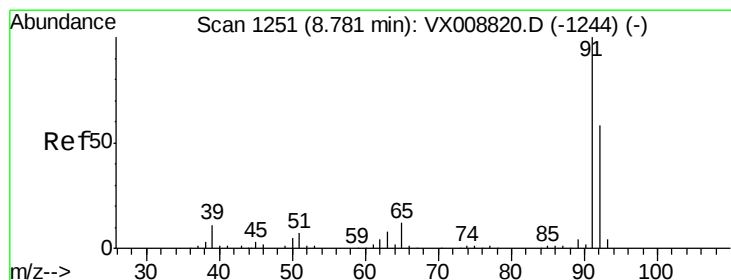
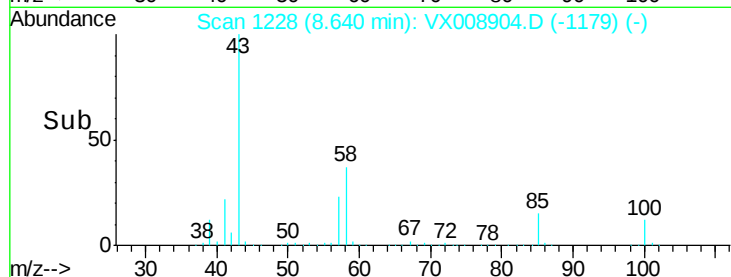
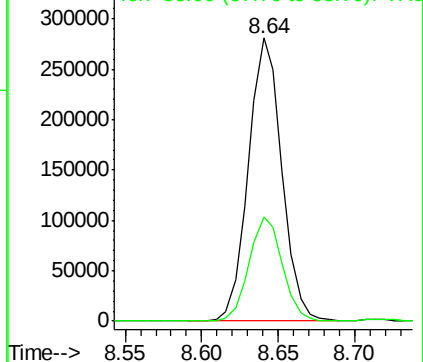
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.860 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008904.D

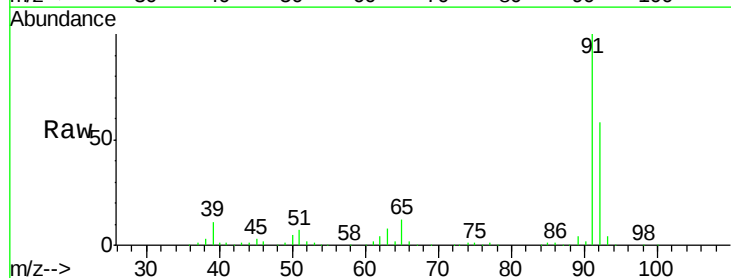
Acq: 12 Apr 2019 22:55

Tgt Ion: 92 Resp: 102730

Ion Ratio Lower Upper

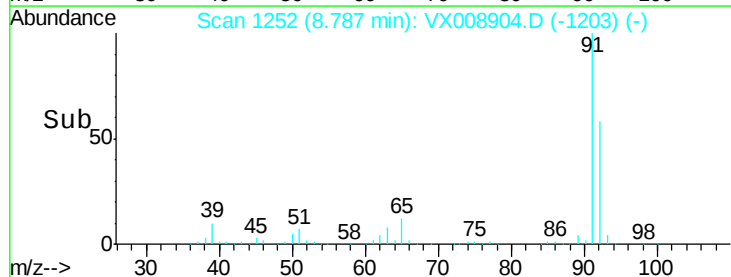
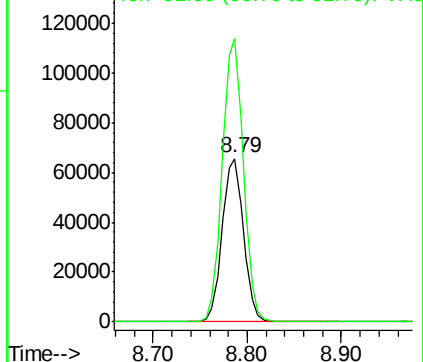
92 100

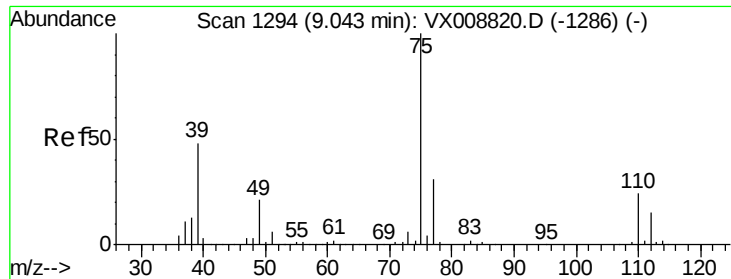
91 172.2 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





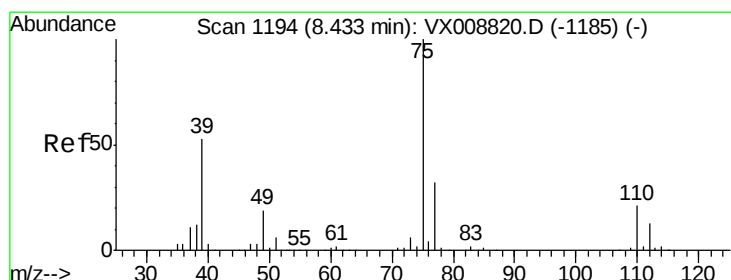
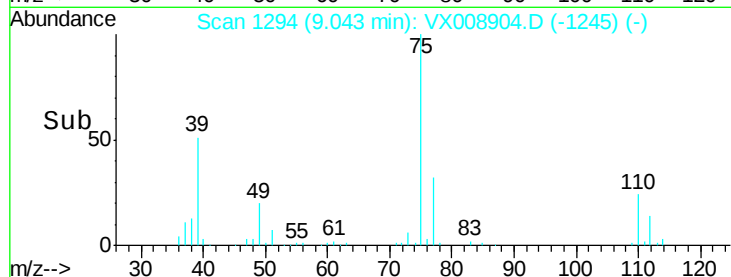
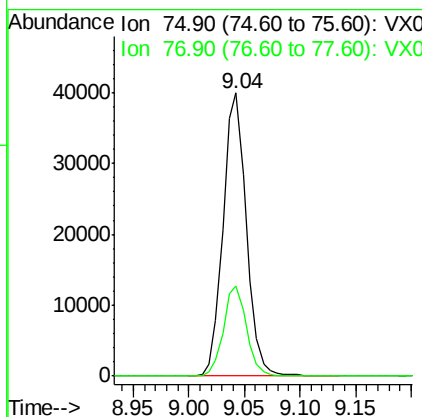
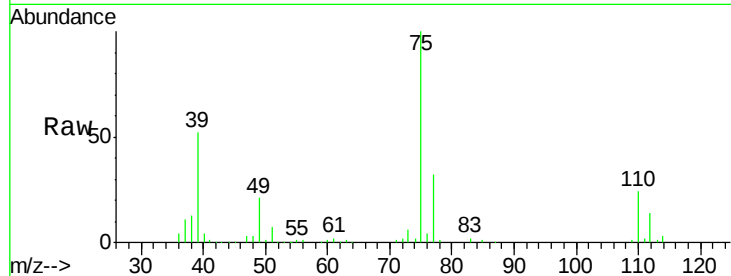
#53
 t-1,3-Dichloropropene
 Concen: 19.776 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tgt Ion: 75 Resp: 57759
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8

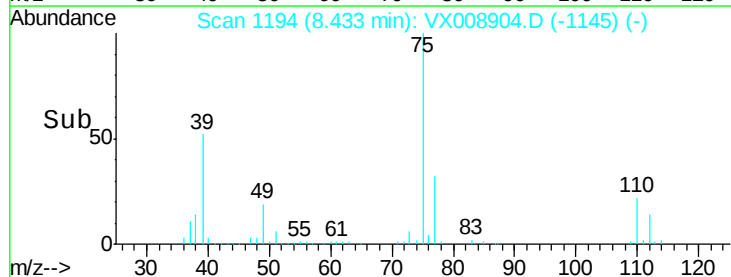
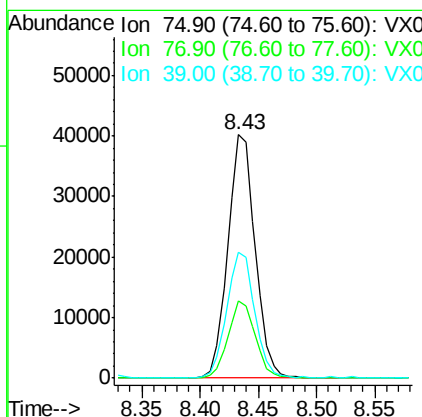
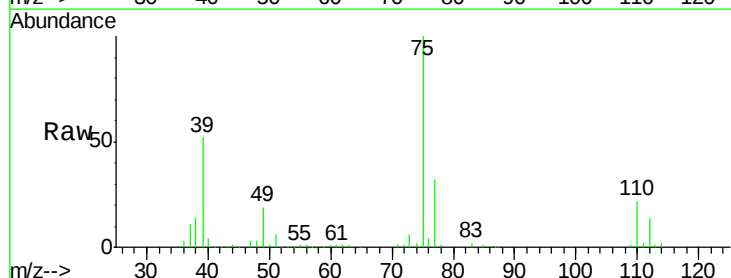
Manual Integrations
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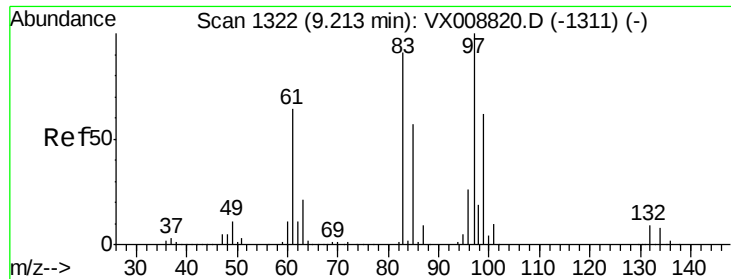
MMDadoda
 4/13/2019 2:12:03 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.642 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion: 75 Resp: 65548
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 51.5 42.6 63.8





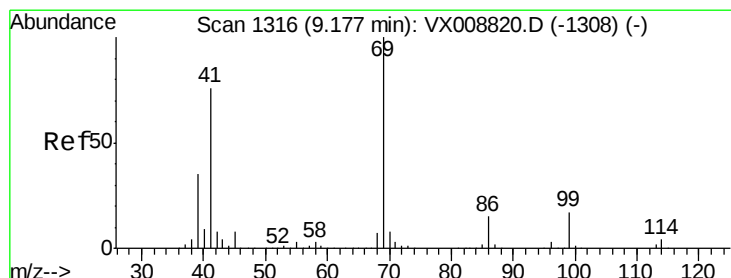
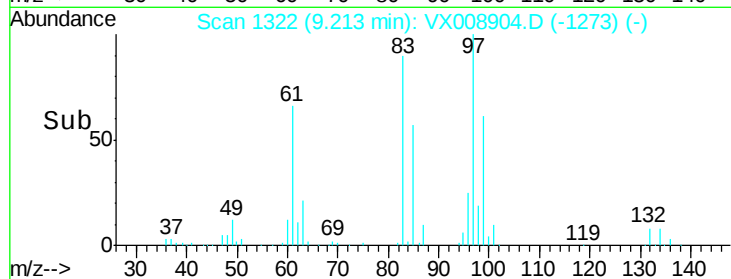
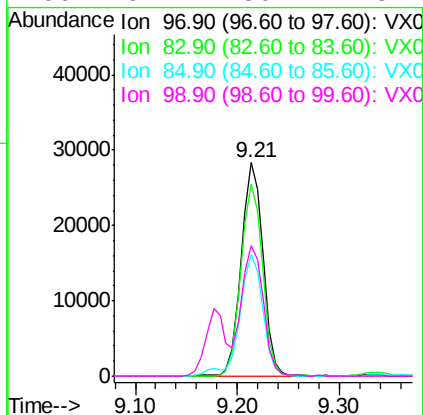
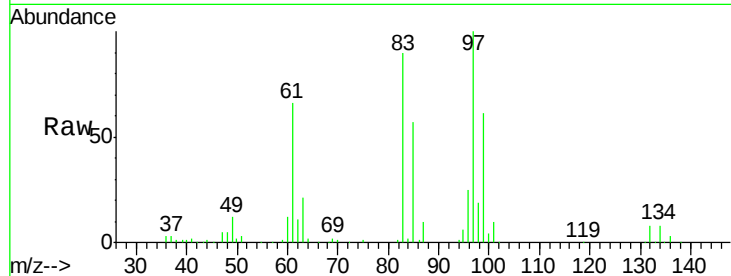
#55
 1,1,2-Trichloroethane
 Concen: 21.254 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tgt Ion:	97	Resp:	42015
Ion	Ratio	Lower	Upper
97	100		
83	89.9	73.2	109.8
85	56.7	46.6	69.8
99	61.1	50.1	75.1

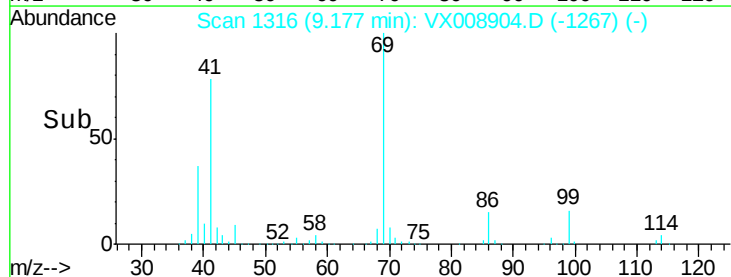
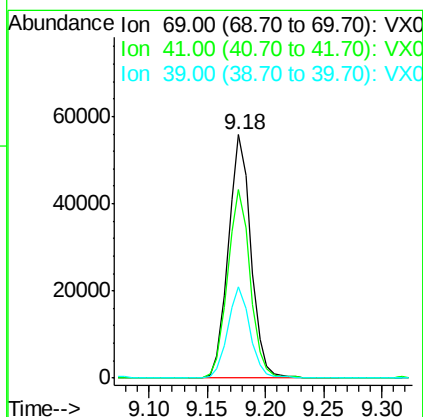
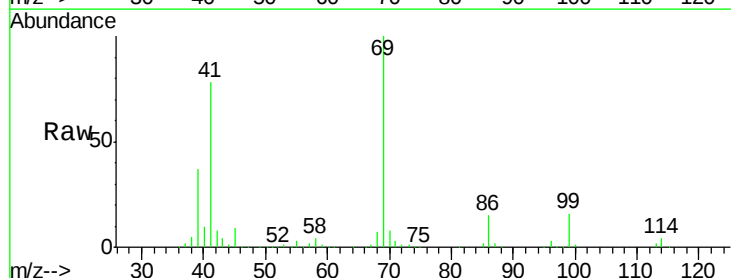
Manual Integrations
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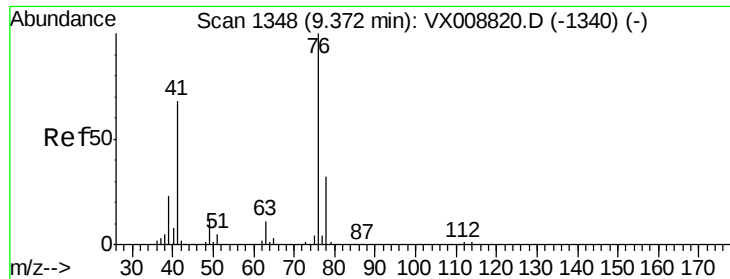
MMDadoda
 4/13/2019 2:12:03 PM



#56
 Ethyl methacrylate
 Concen: 21.108 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion:	69	Resp:	75497
Ion	Ratio	Lower	Upper
69	100		
41	77.0	60.1	90.1
39	36.5	28.9	43.3





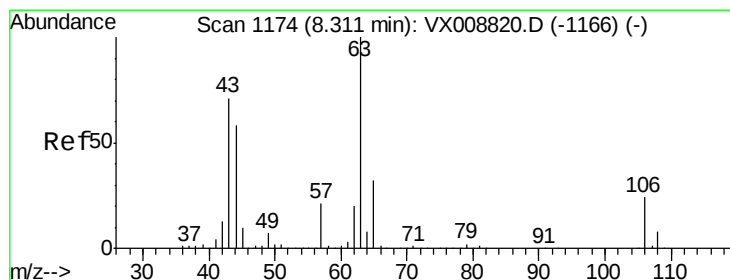
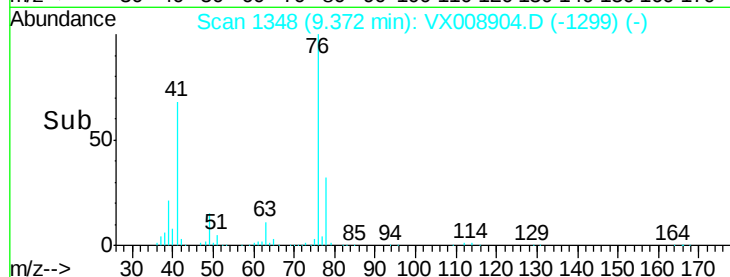
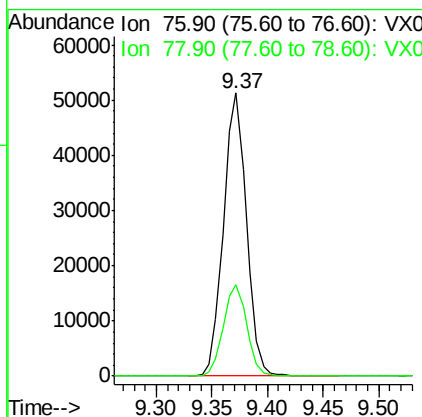
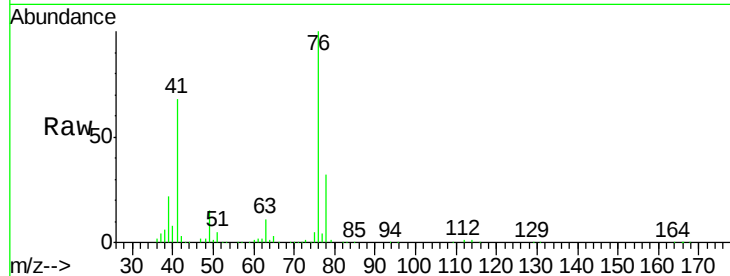
#57
 1,3-Dichloropropane
 Concen: 20.670 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tgt Ion: 76 Resp: 73371
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4

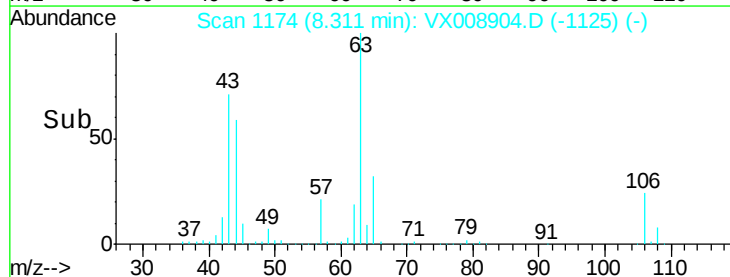
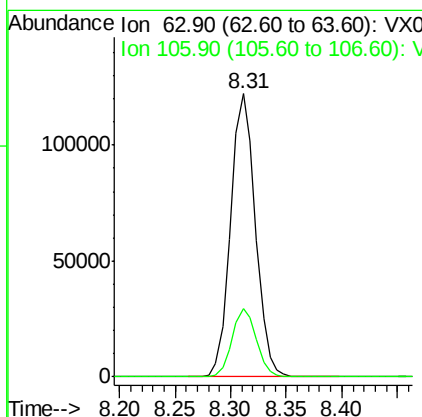
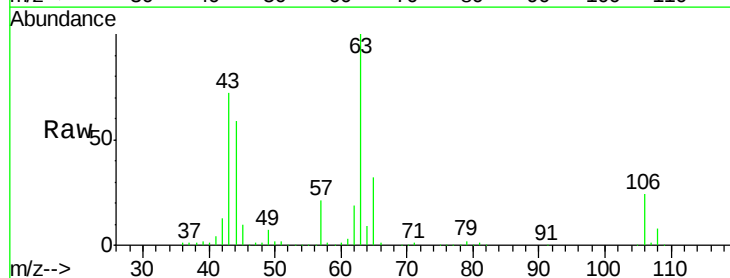
Manual Integrations
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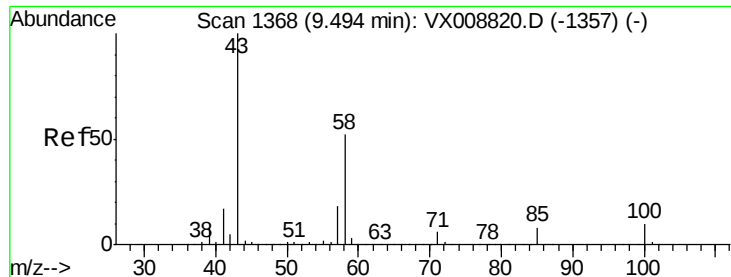
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.521 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion: 63 Resp: 189062
 Ion Ratio Lower Upper
 63 100
 106 23.9 19.0 28.6





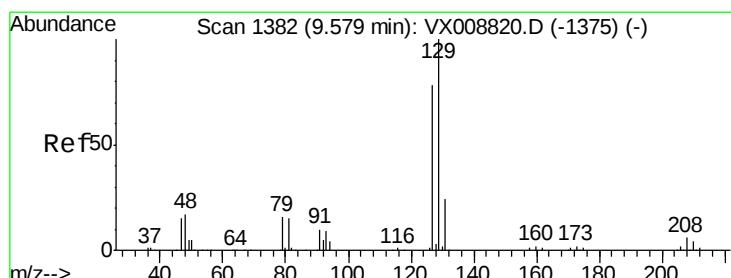
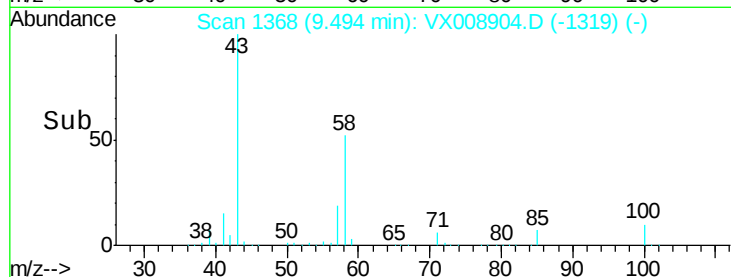
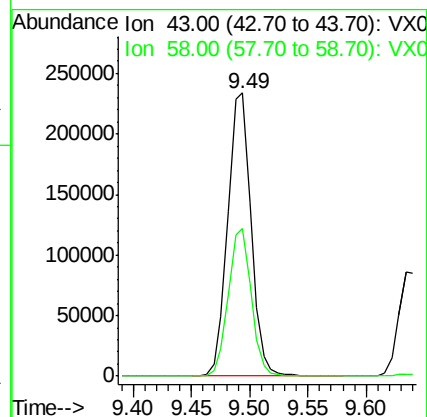
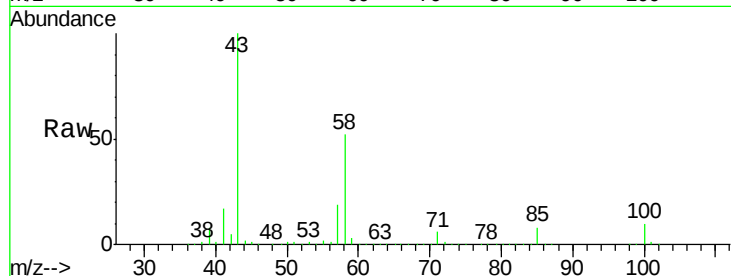
#59
2-Hexanone
Concen: 110.599 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion: 43 Resp: 324396
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7

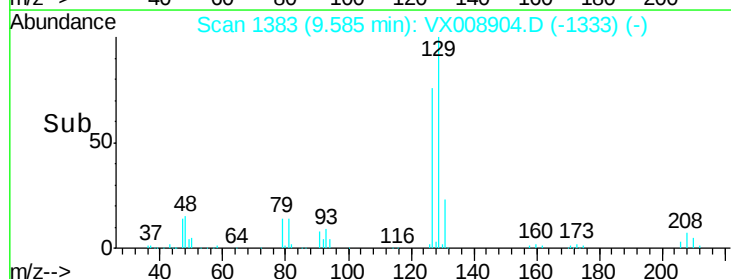
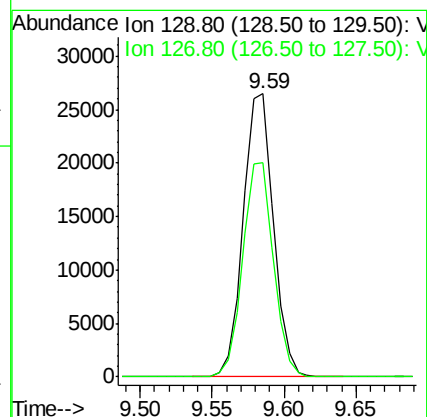
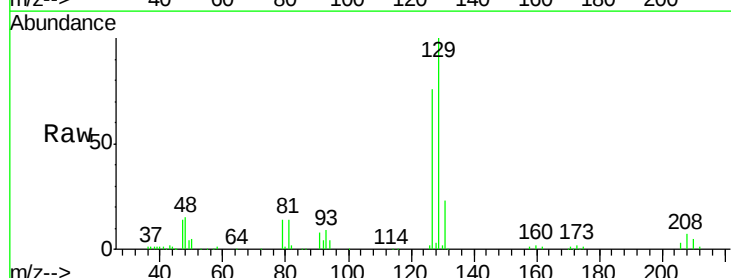
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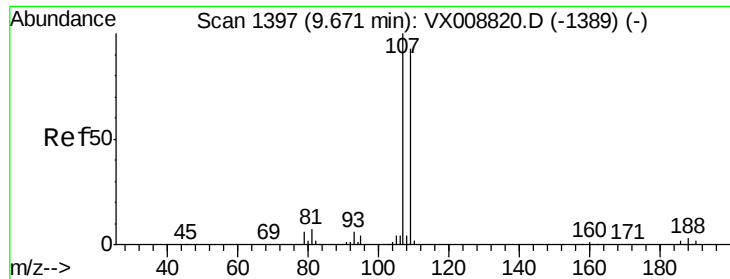
MMDadoda
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#60
Dibromochloromethane
Concen: 20.722 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 129 Resp: 38600
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.513 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion: 107 Resp: 42214

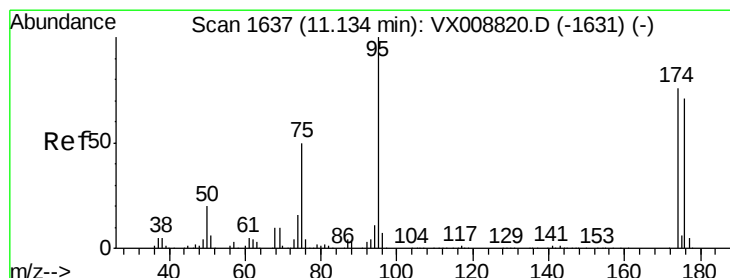
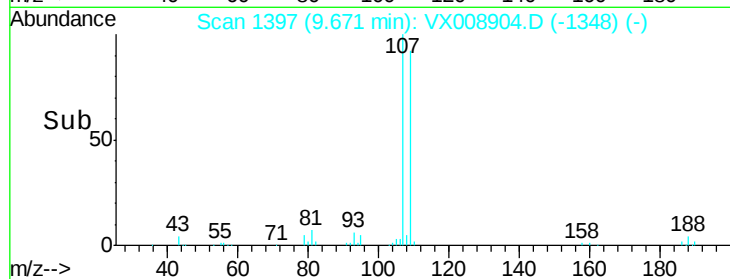
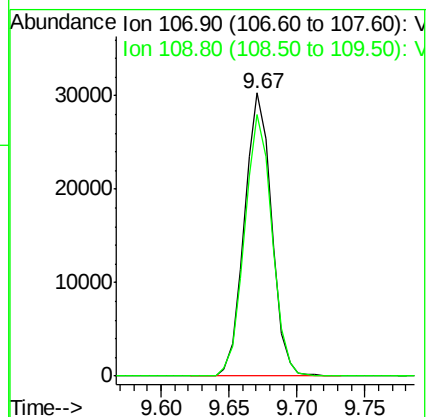
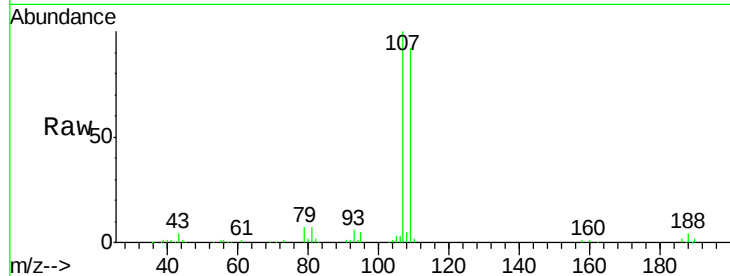
Ion Ratio Lower Upper

107 100

109 94.0 74.1 111.1

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 50.385 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

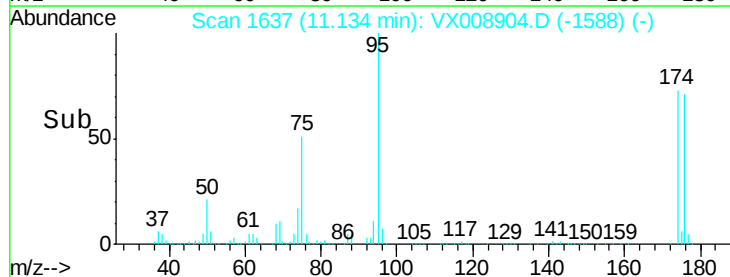
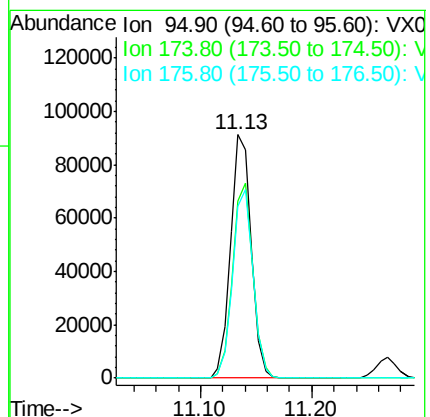
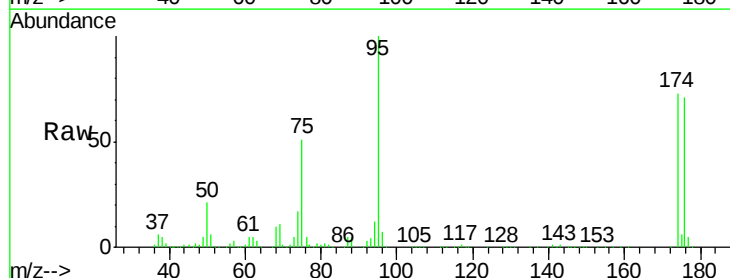
Tgt Ion: 95 Resp: 116677

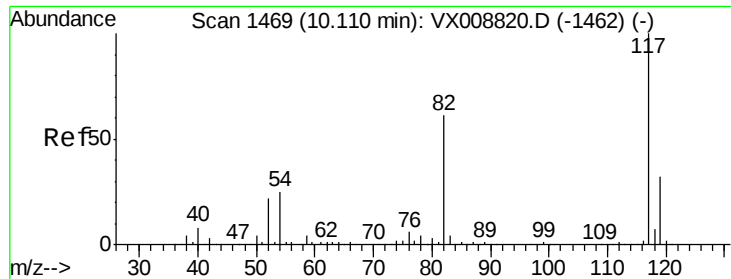
Ion Ratio Lower Upper

95 100

174 79.2 0.0 151.8

176 77.0 0.0 145.8





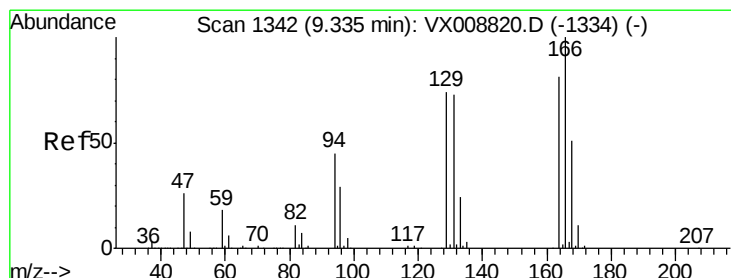
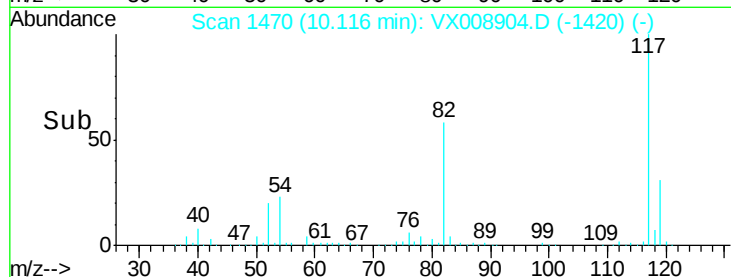
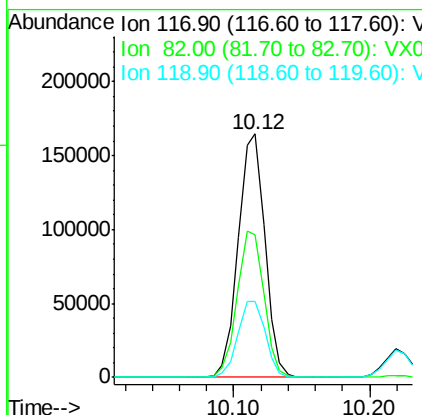
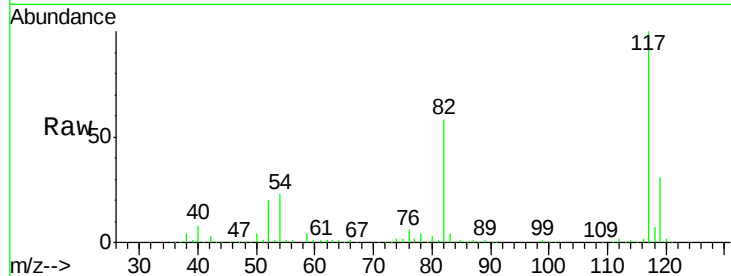
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	225216		
82	58.5	49.6	74.4	
119	31.4	25.0	37.4	

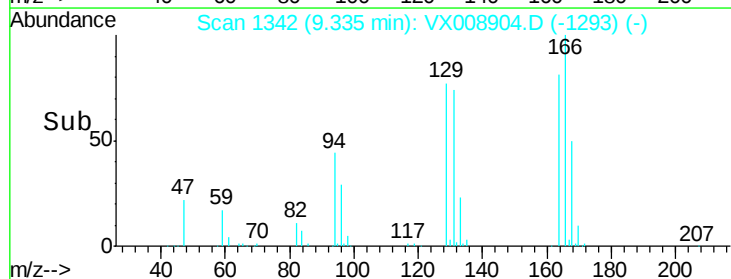
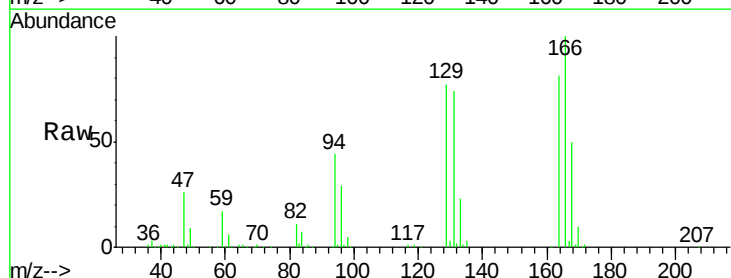
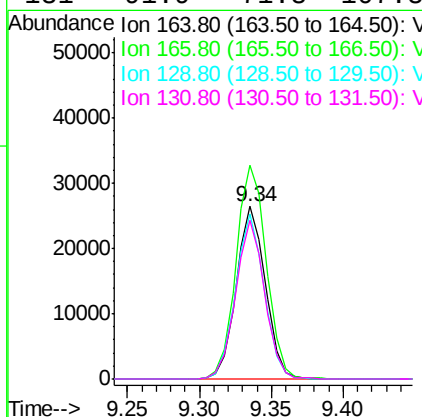
Manual Integrations
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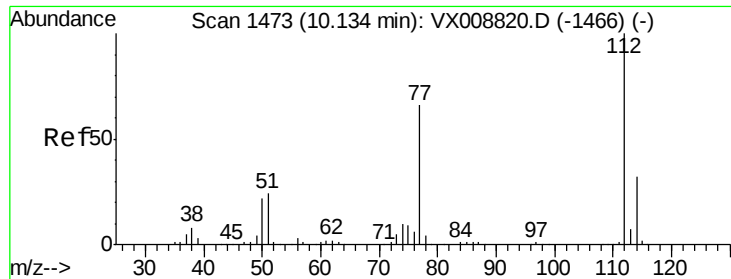
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#64
Tetrachloroethene
Concen: 22.179 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37009		
166	123.9	101.0	151.6	
129	95.6	75.8	113.8	
131	91.9	71.8	107.8	





#65

Chlorobenzene

Concen: 20.691 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion:112 Resp: 103295

Ion Ratio Lower Upper

112 100

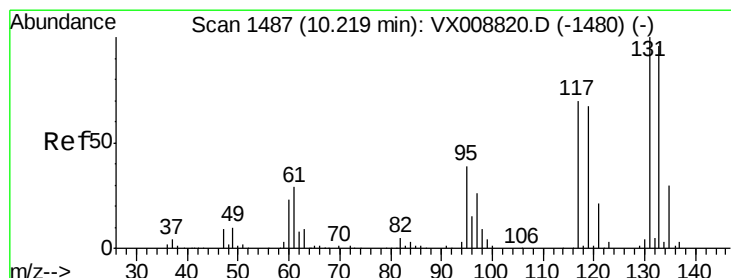
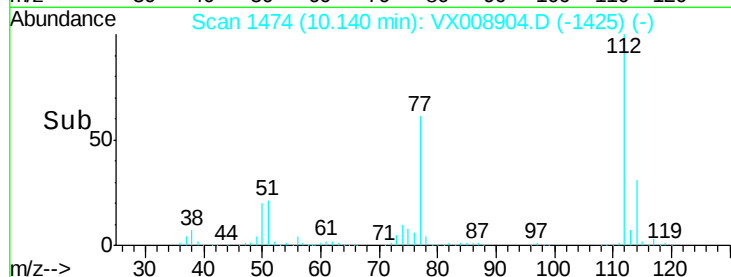
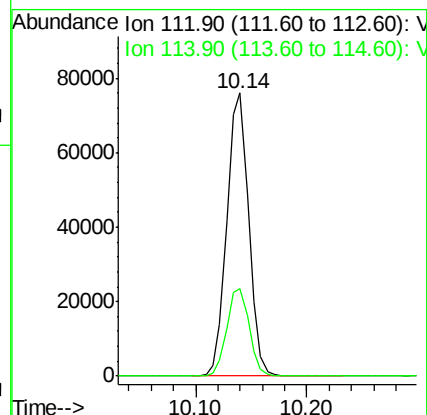
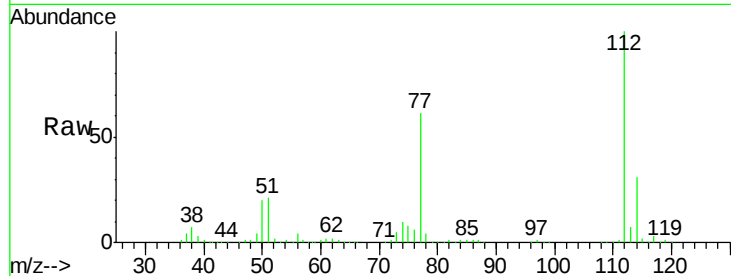
114 30.8 25.8 38.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.964 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

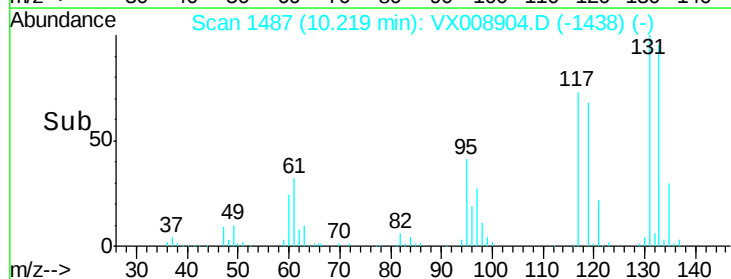
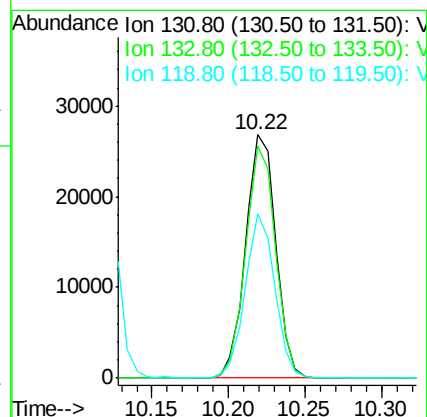
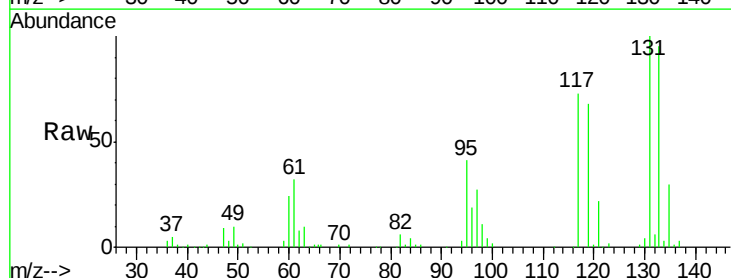
Tgt Ion:131 Resp: 36717

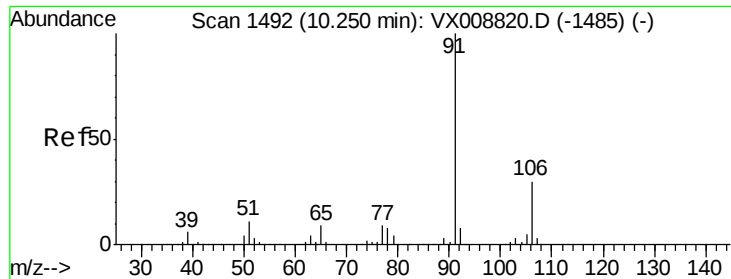
Ion Ratio Lower Upper

131 100

133 94.5 47.0 141.2

119 66.4 33.7 101.0





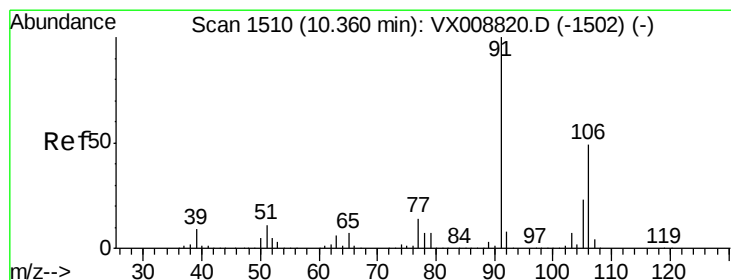
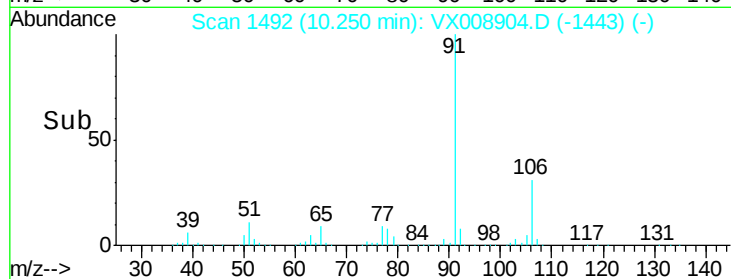
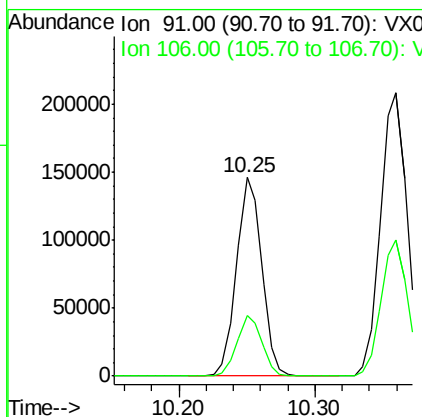
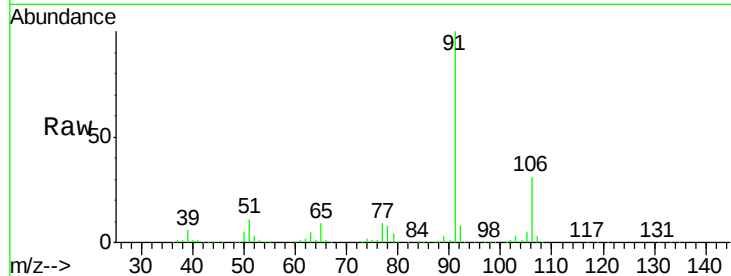
#67
Ethyl Benzene
Concen: 20.346 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion: 91 Resp: 189399
Ion Ratio Lower Upper
91 100
106 30.5 23.7 35.5

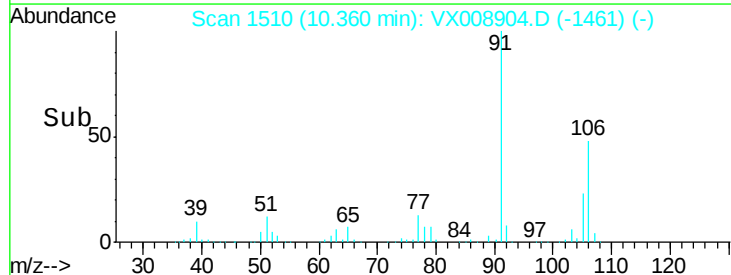
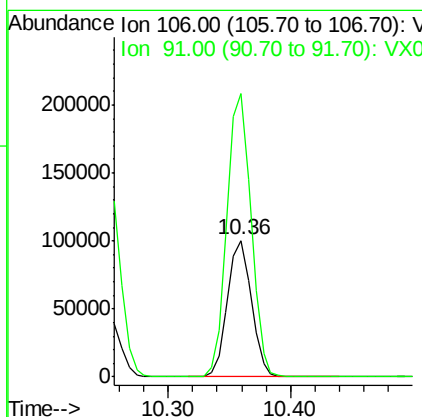
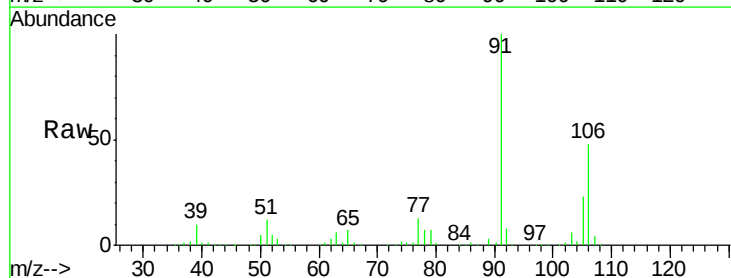
Manual Integrations
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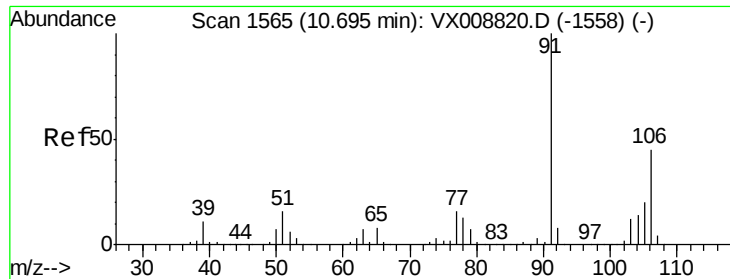
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#68
m/p-Xylenes
Concen: 40.581 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 106 Resp: 135830
Ion Ratio Lower Upper
106 100
91 209.7 168.5 252.7





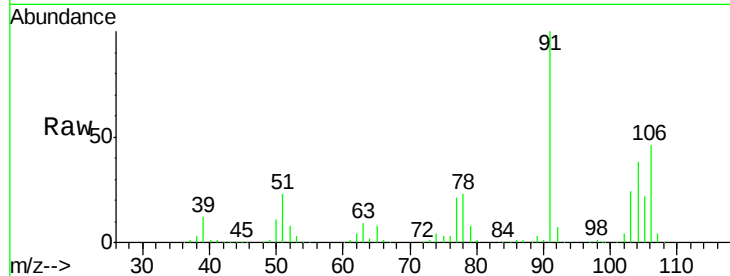
#69
o-Xylene
Concen: 20.777 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

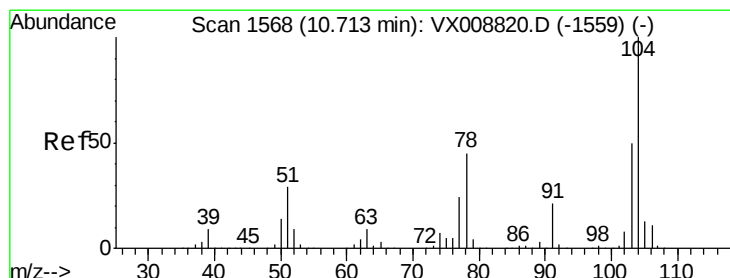
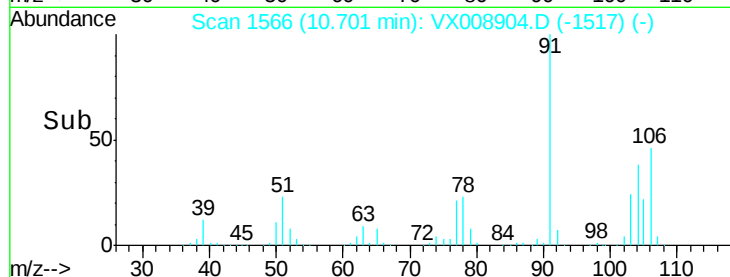
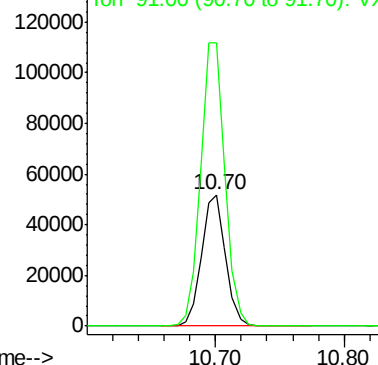
Tgt Ion:106 Resp: 67394
Ion Ratio Lower Upper
106 100
91 221.1 111.5 334.4

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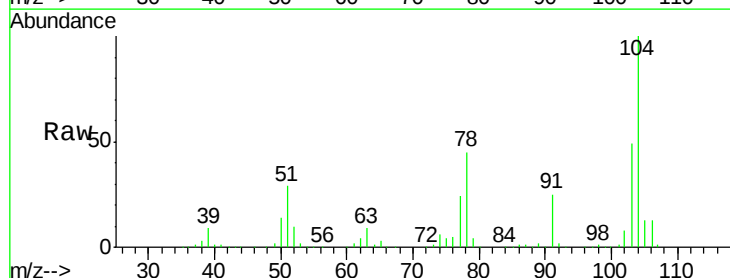


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

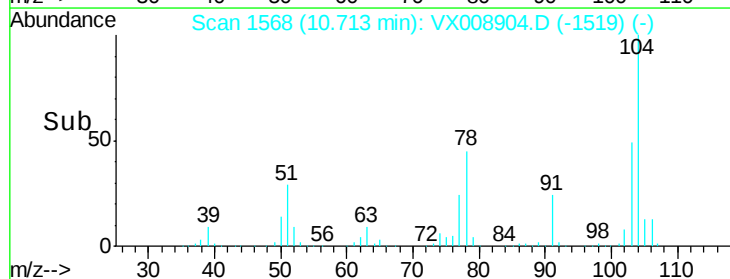
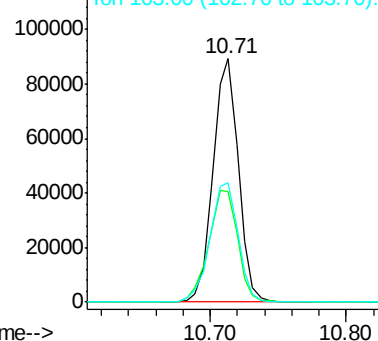


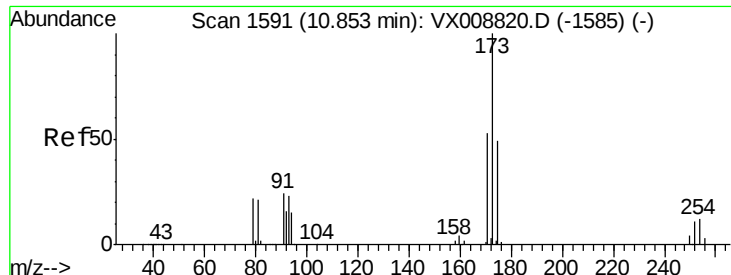
#70
Styrene
Concen: 20.706 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion:104 Resp: 115773
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 55.0 44.4 66.6



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





#71

Bromoform

Concen: 21.149 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion:173 Resp: 28289

Ion Ratio Lower Upper

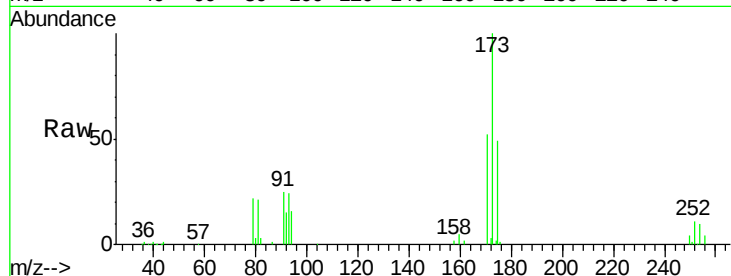
173 100

175 48.2 24.9 74.6

254 0.1 0.1 0.1#

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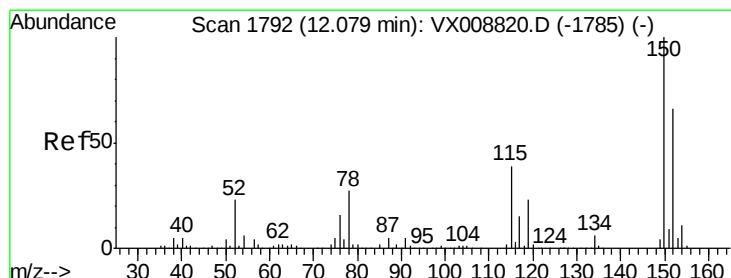
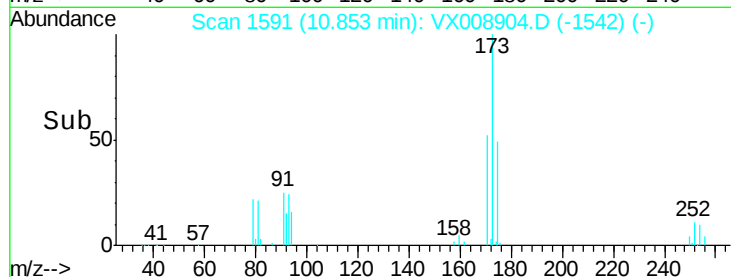
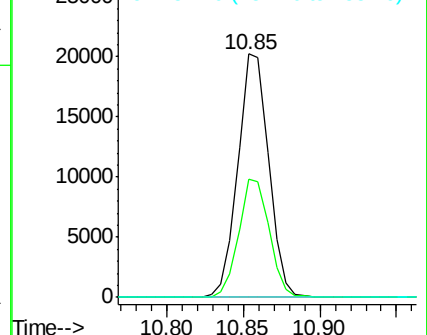
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

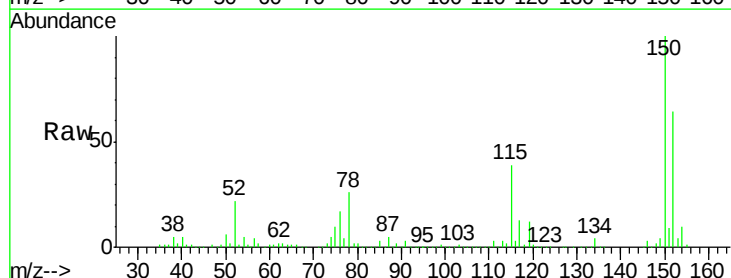
Tgt Ion:152 Resp: 103538

Ion Ratio Lower Upper

152 100

115 70.5 43.5 130.5

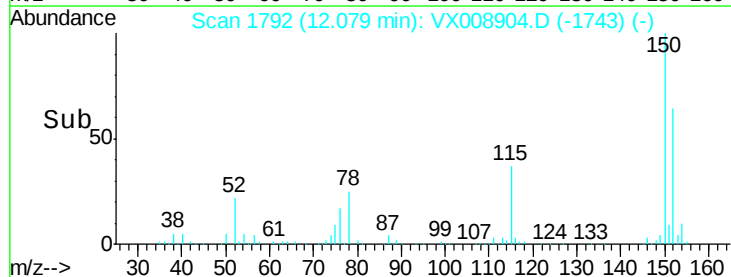
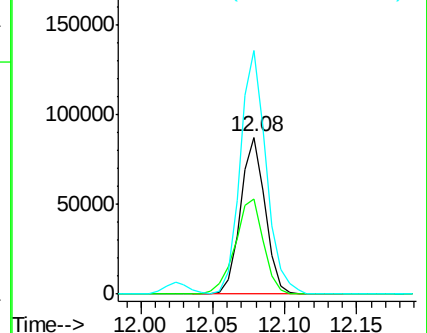
150 164.4 0.0 348.8

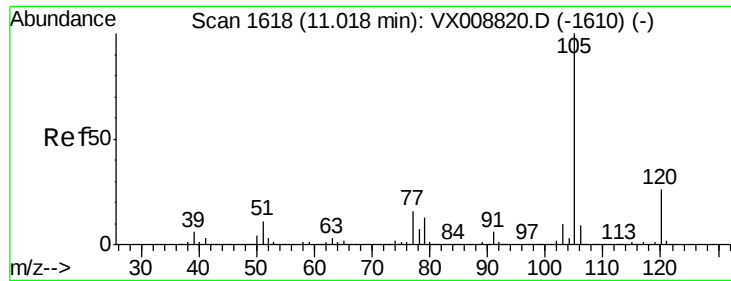


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.623 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS02

Tgt Ion: 105 Resp: 176956

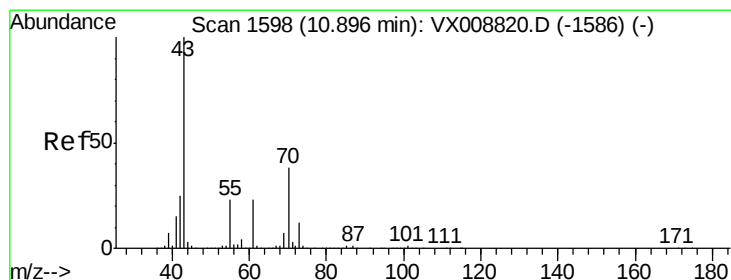
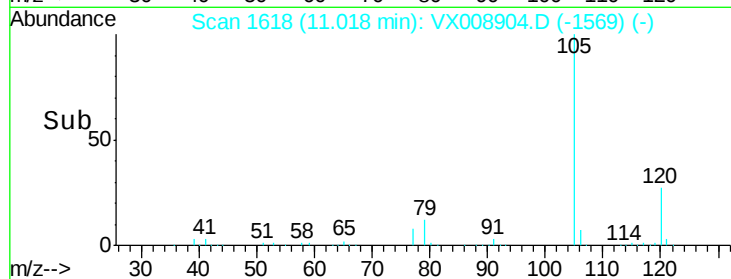
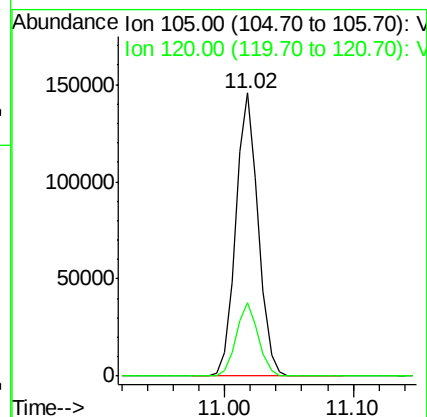
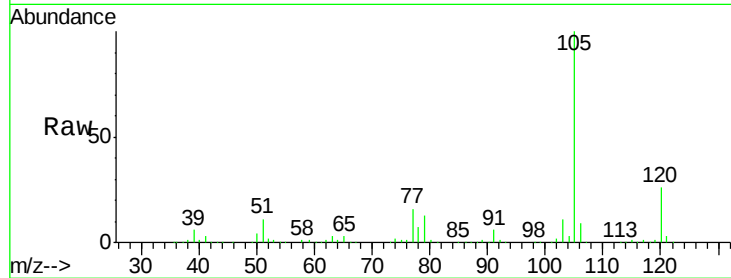
Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 21.255 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Tgt Ion: 43 Resp: 107302

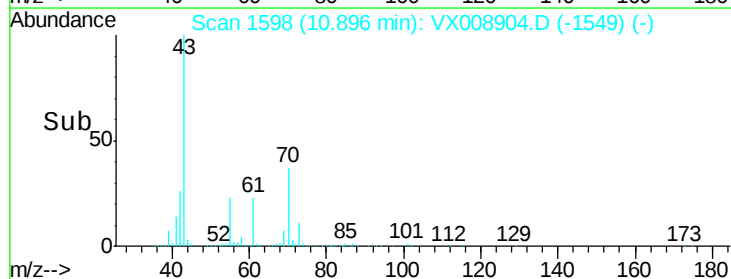
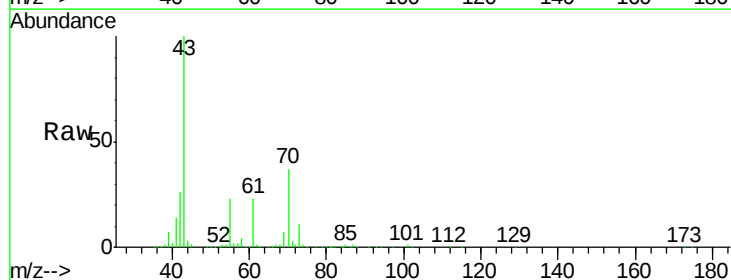
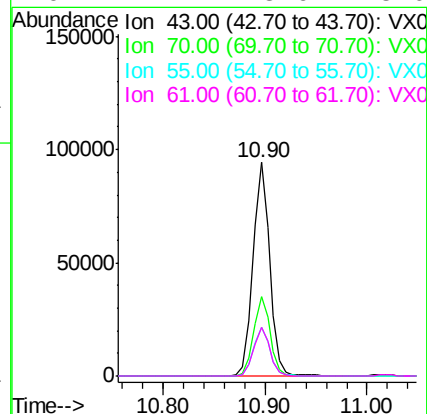
Ion Ratio Lower Upper

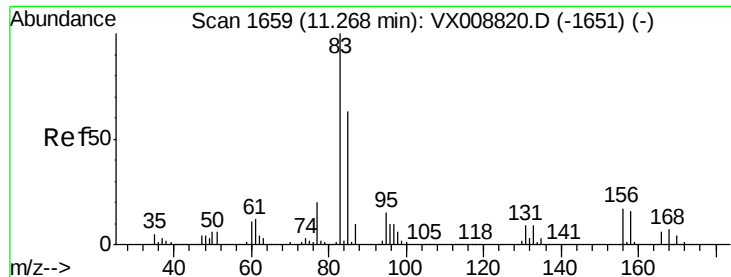
43 100

70 37.5 30.2 45.4

55 22.9 18.2 27.4

61 22.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.959 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

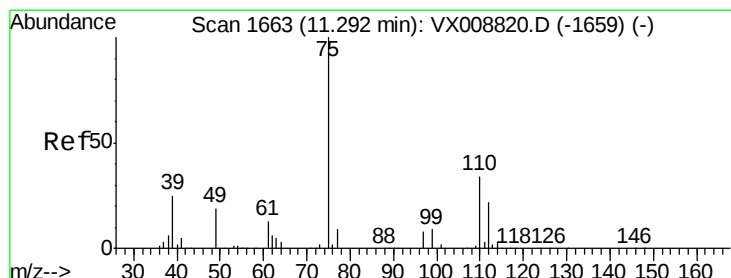
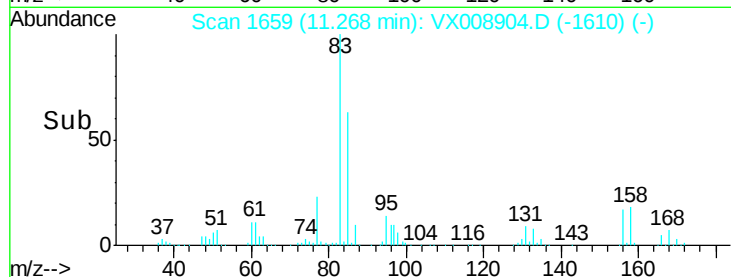
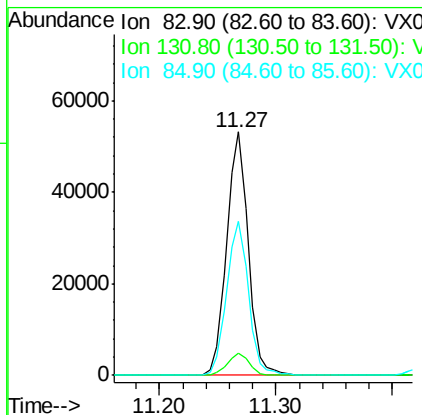
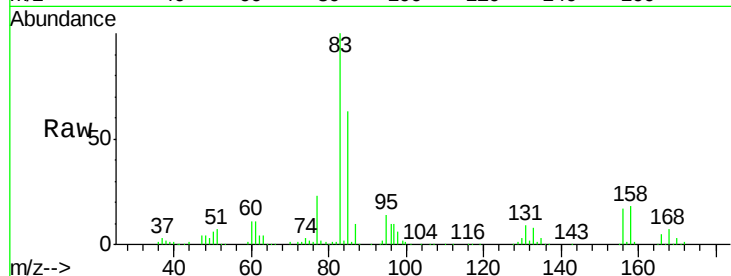
ClientSampleId :

VX0412WBS02

Tgt Ion:	83	Resp:	68395
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.5	13.7
85	64.2	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 20.544 ug/l m

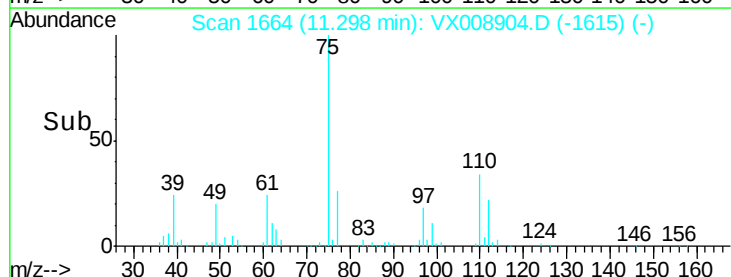
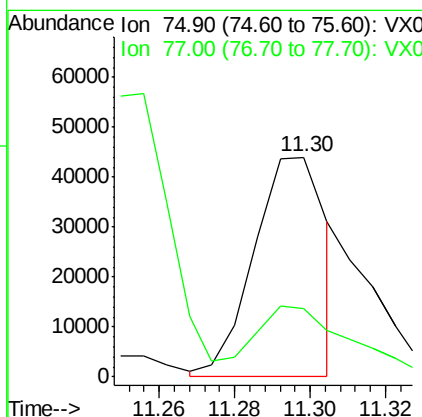
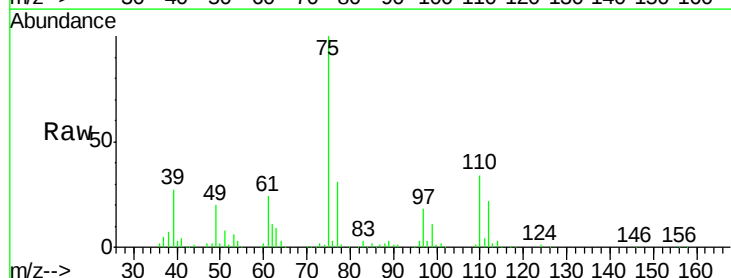
RT: 11.30 min Scan# 1664

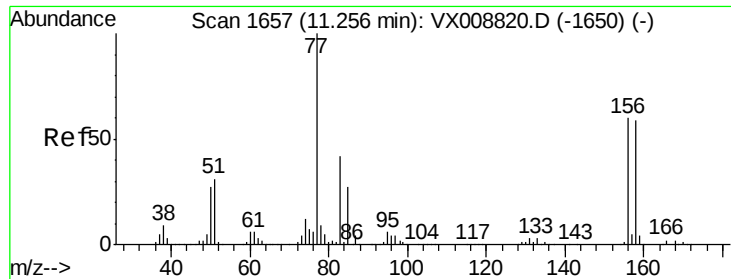
Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Tgt Ion:	75	Resp:	58433
Ion Ratio	Lower	Upper	
75	100		
77	43.1	22.3	66.8





#77

Bromobenzene

Concen: 20.918 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

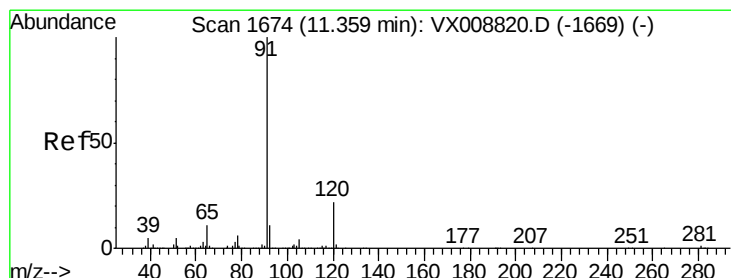
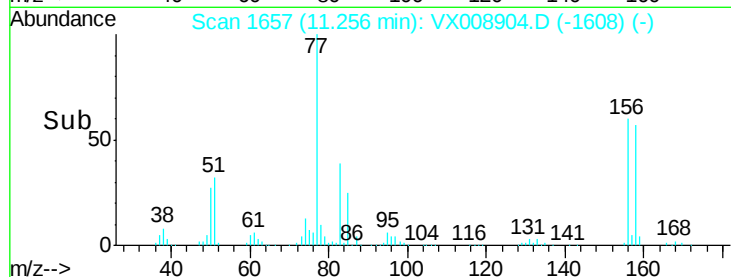
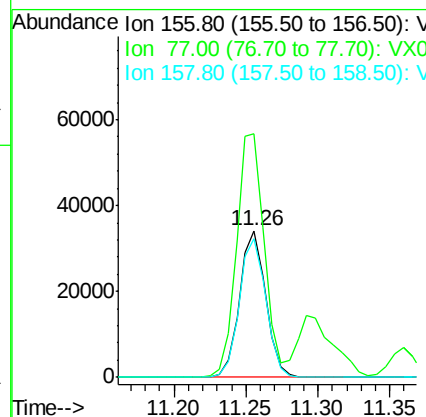
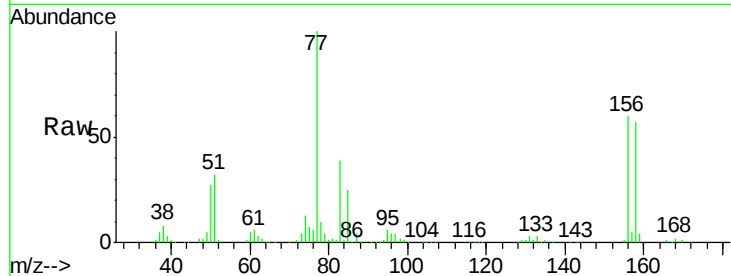
ClientSampleId :

VX0412WBS02

Tgt Ion:	156	Resp:	43149
Ion	Ratio	Lower	Upper
156	100		
77	176.3	89.8	269.6
158	96.6	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 20.098 ug/l

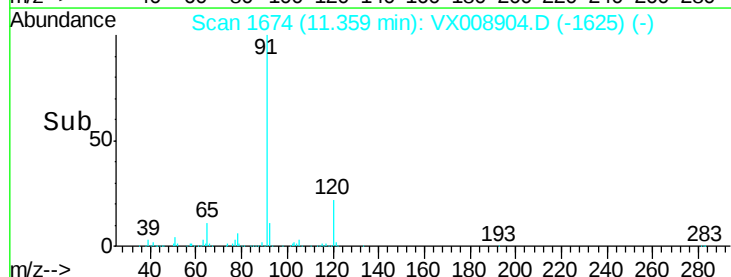
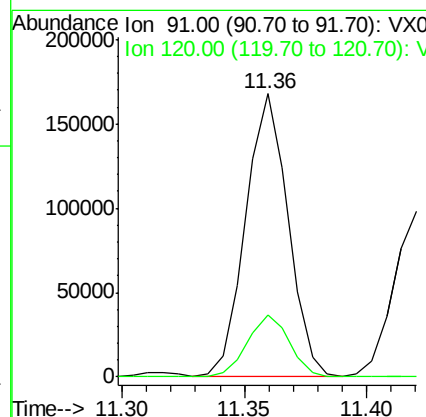
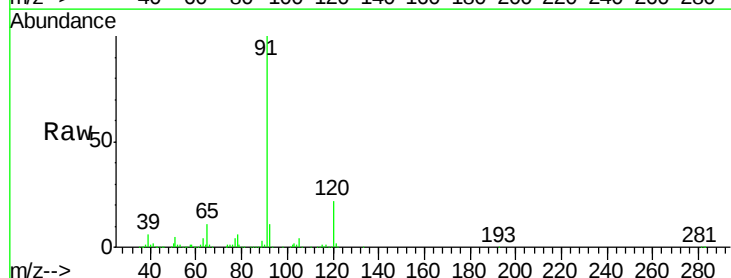
RT: 11.36 min Scan# 1674

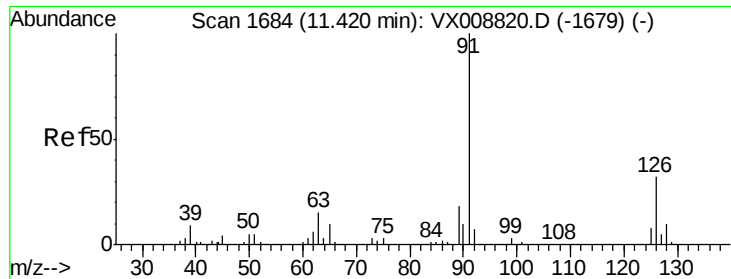
Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Tgt Ion:	91	Resp:	200792
Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.7





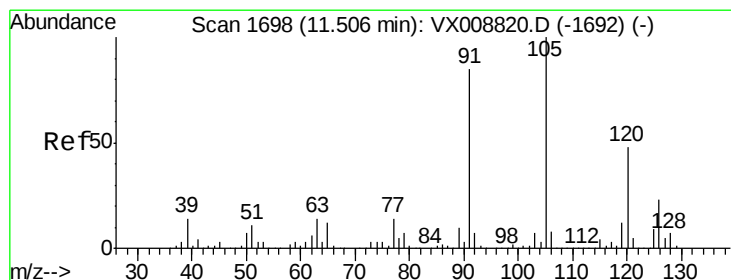
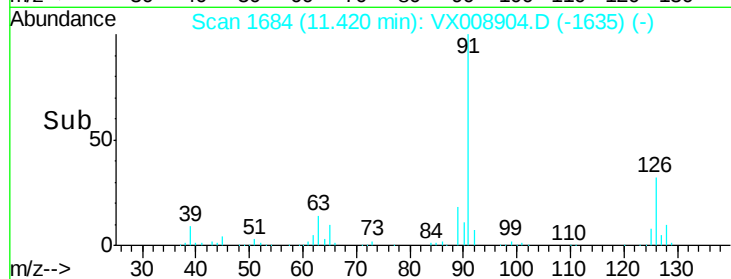
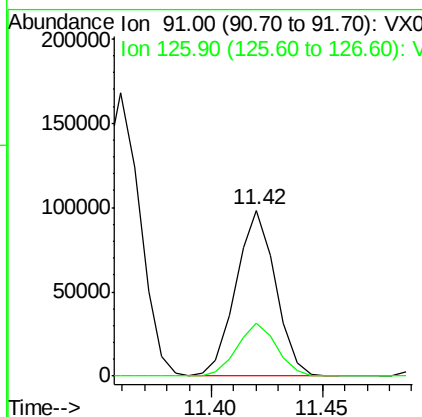
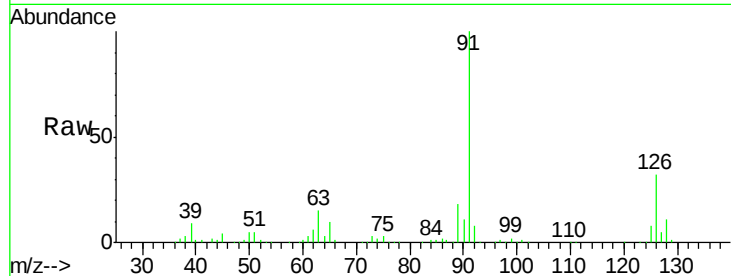
#79
 2-Chlorotoluene
 Concen: 20.114 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tgt Ion: 91 Resp: 121611
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.1 48.3

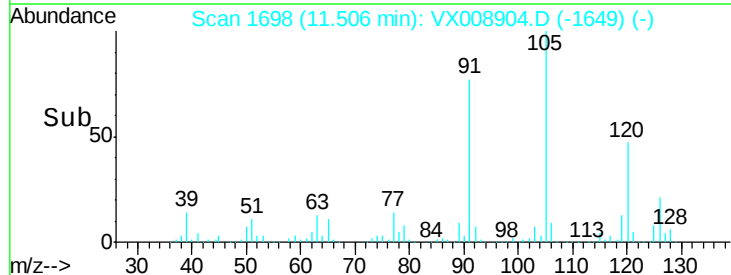
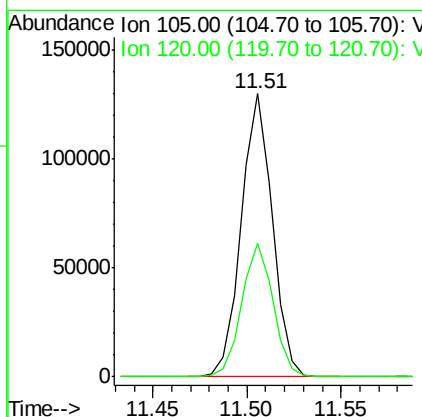
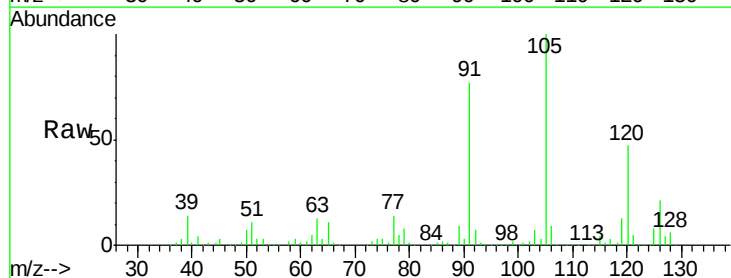
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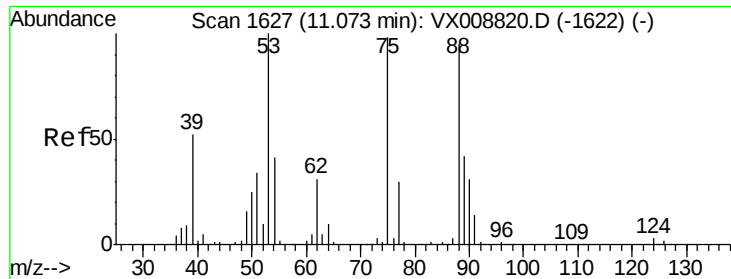
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.613 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion: 105 Resp: 148465
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.210 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008904.D

Acq: 12 Apr 2019 22:55

Instrument :

MSVOA_X

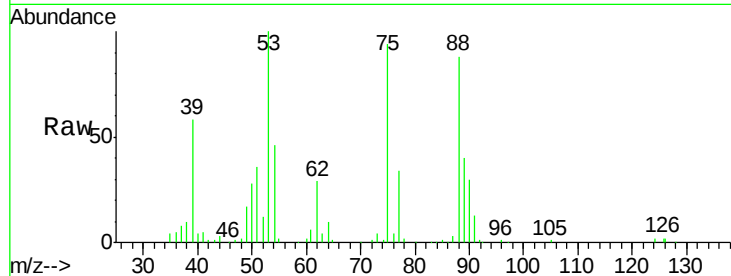
ClientSampleId :

VX0412WBS02

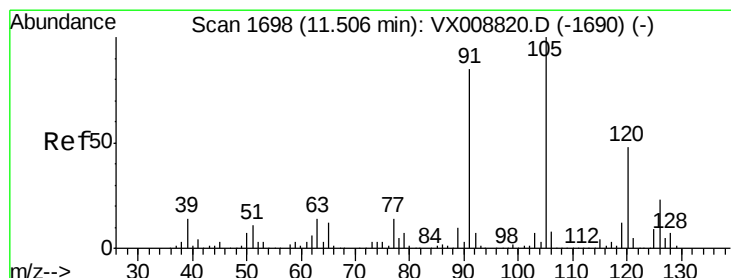
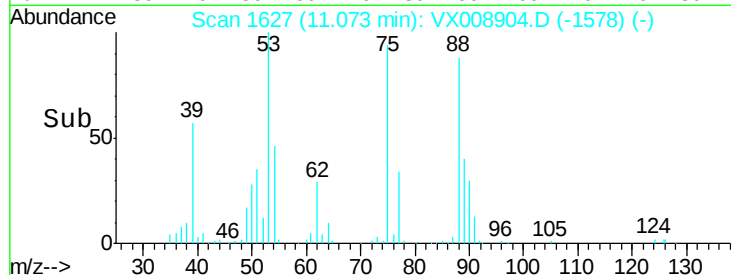
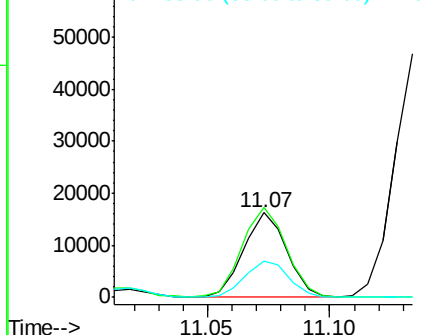
Tgt Ion:	75	Resp:	19821
Ion Ratio	Lower	Upper	
75	100		
53	110.3	81.3	121.9
89	43.8	35.6	53.4

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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.784 ug/l

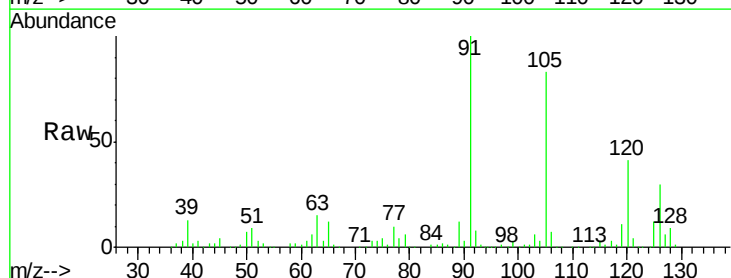
RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

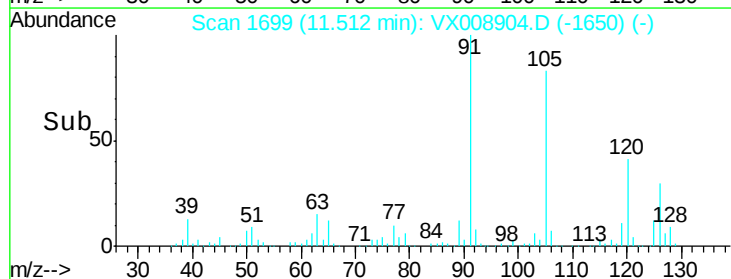
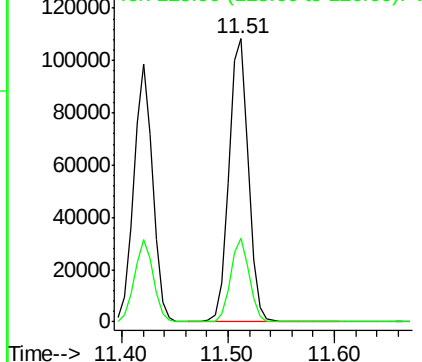
Lab File: VX008904.D

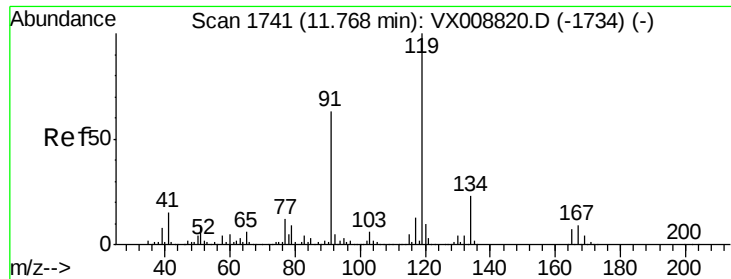
Acq: 12 Apr 2019 22:55

Tgt Ion:	91	Resp:	138460
Ion Ratio	Lower	Upper	
91	100		
126	28.5	13.9	41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





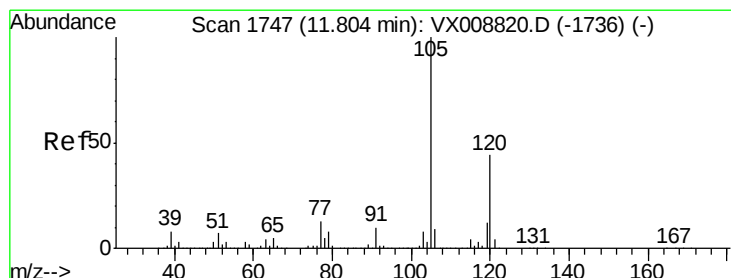
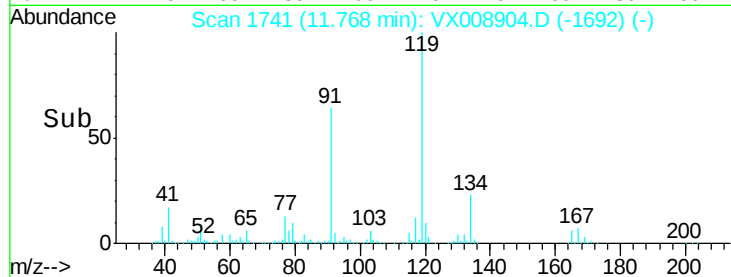
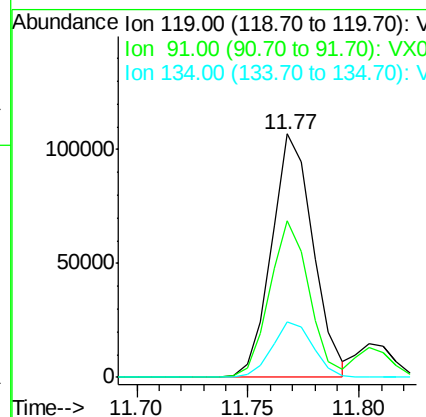
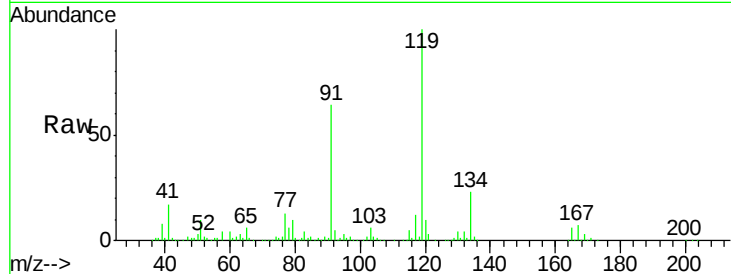
#83
 tert-Butylbenzene
 Concen: 19.932 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tgt Ion	Ratio	Resp Lower	Resp Upper
119	100		
91	61.3	30.0	90.1
134	22.5	11.1	33.3

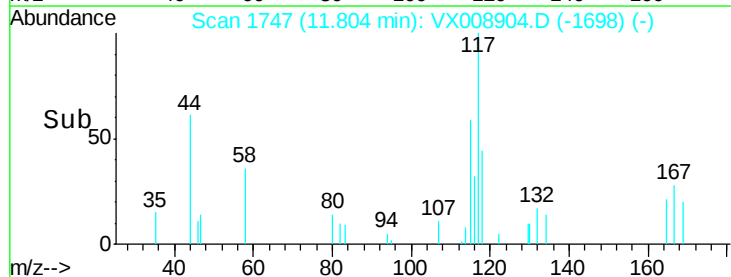
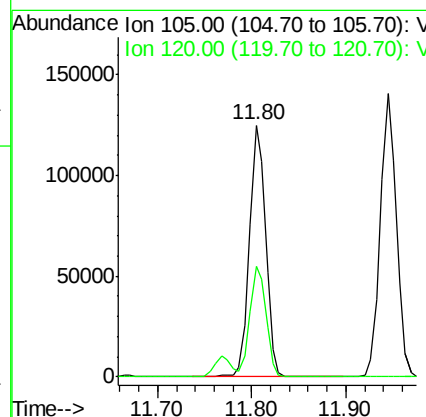
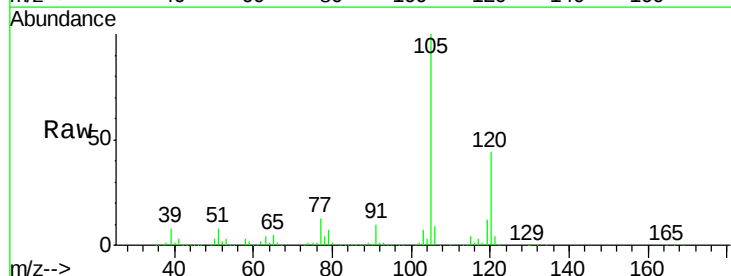
Manual Integrations
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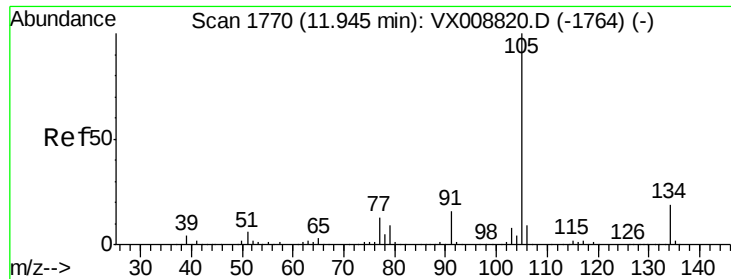
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.606 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	43.6	21.8	65.3





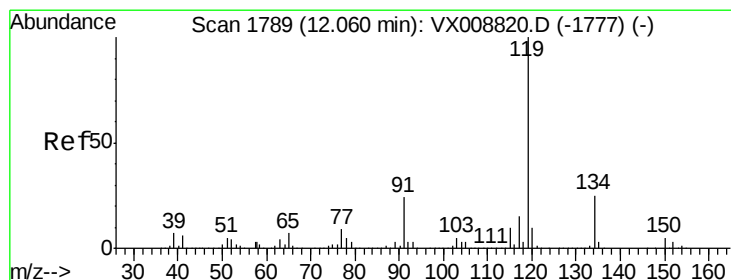
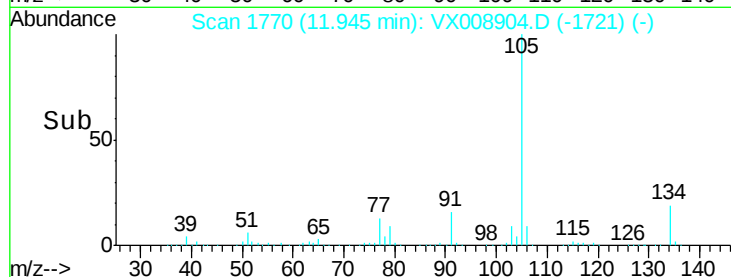
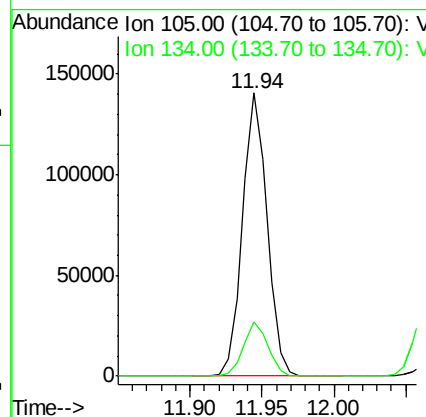
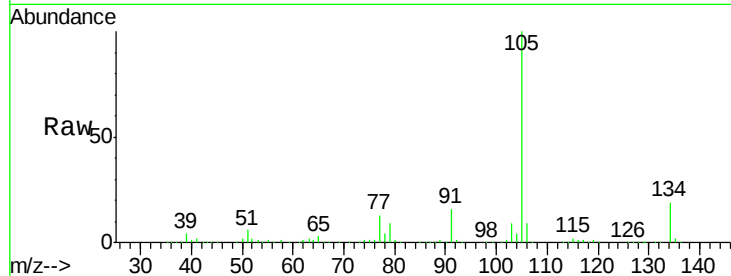
#85
 sec-Butylbenzene
 Concen: 20.228 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166498		
134	19.0	9.4	28.2	

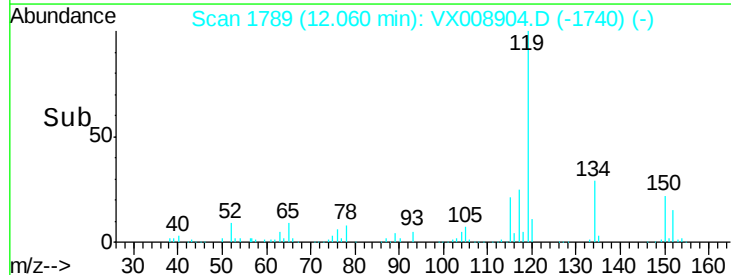
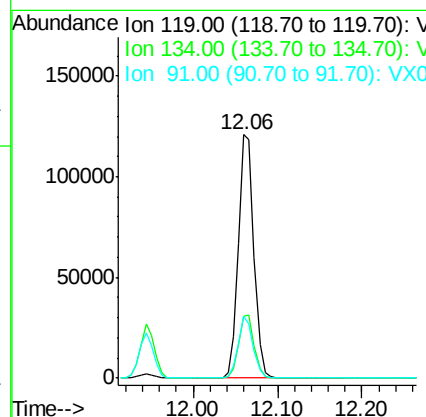
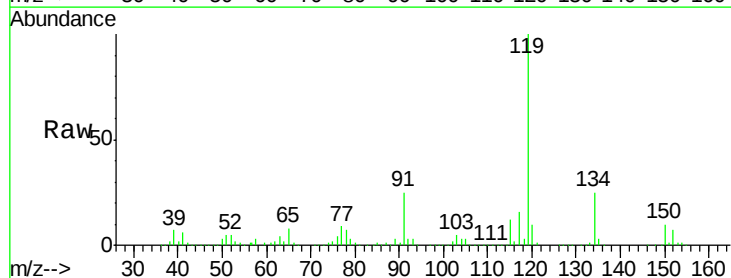
Manual Integrations
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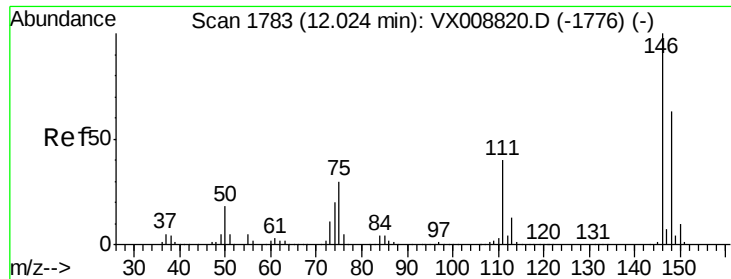
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#86
 p-Isopropyltoluene
 Concen: 20.424 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	150885		
134	25.8	12.8	38.4	
91	24.4	12.2	36.6	





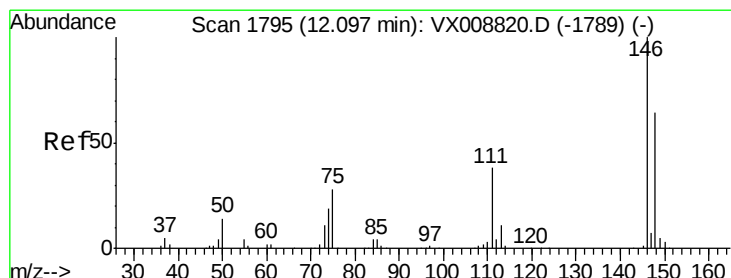
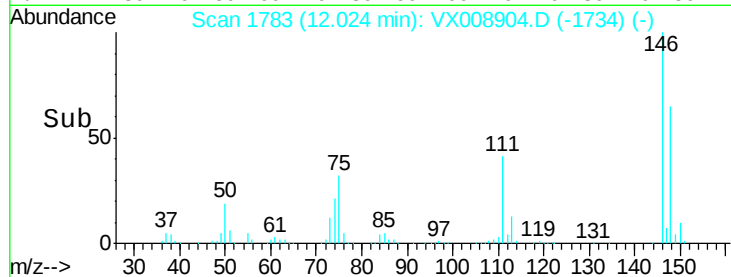
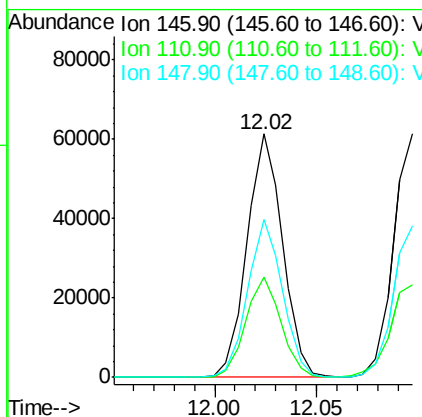
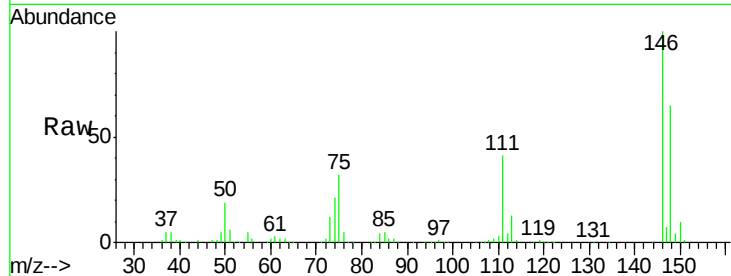
#87
 1,3-Dichlorobenzene
 Concen: 20.100 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.5
148	63.4	31.6	94.7

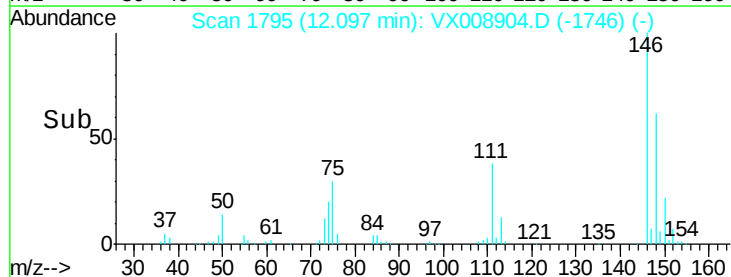
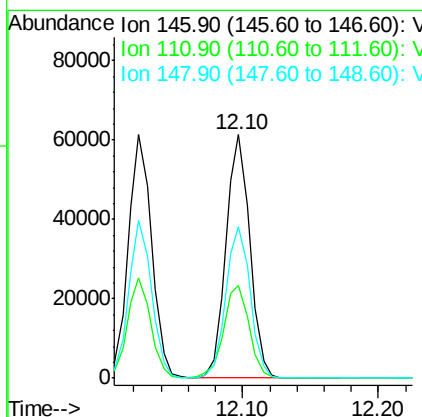
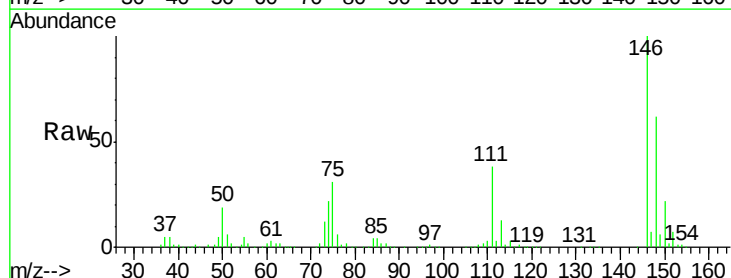
Manual Integrations
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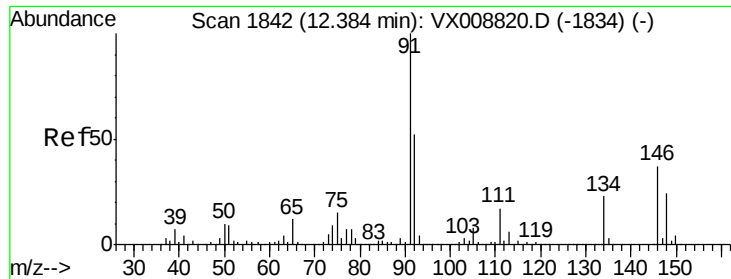
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#88
 1,4-Dichlorobenzene
 Concen: 19.946 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	63.9	32.0	96.0





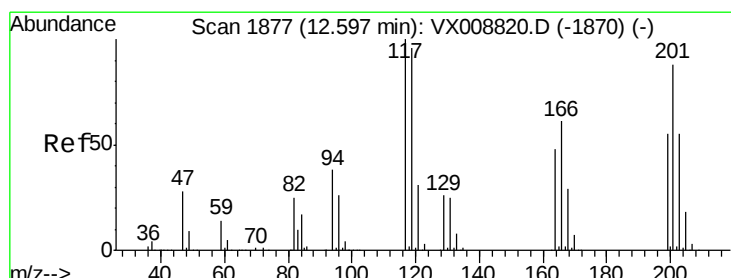
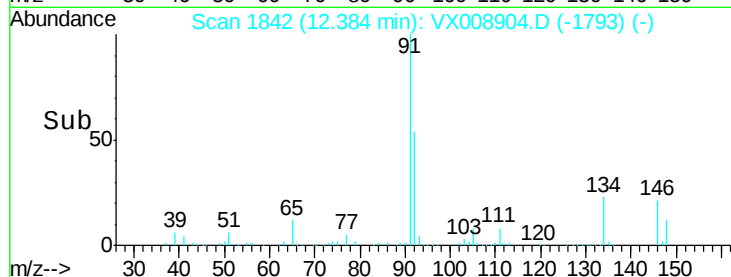
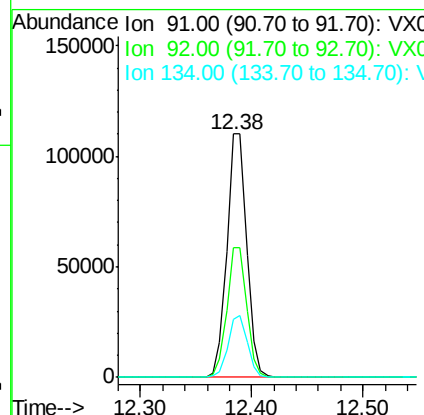
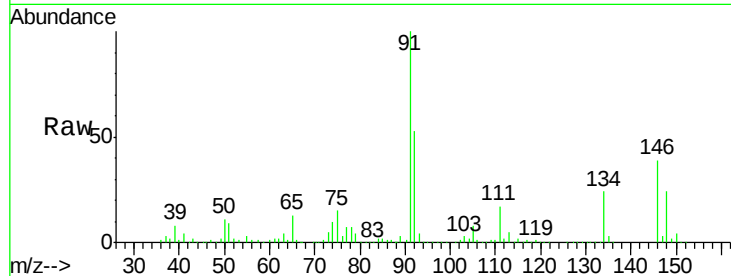
#89
n-Butylbenzene
Concen: 19.610 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion: 91 Resp: 135862
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 24.6 12.0 36.0

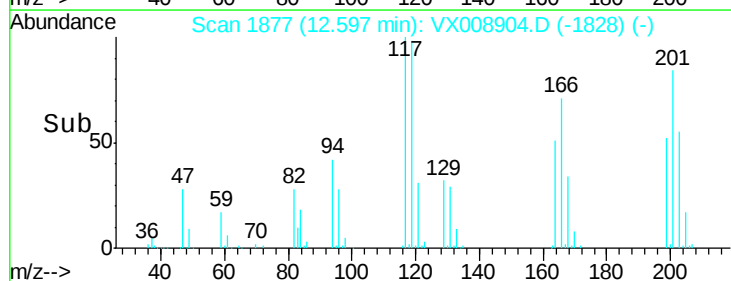
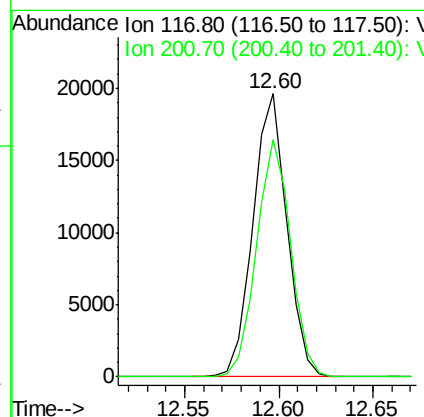
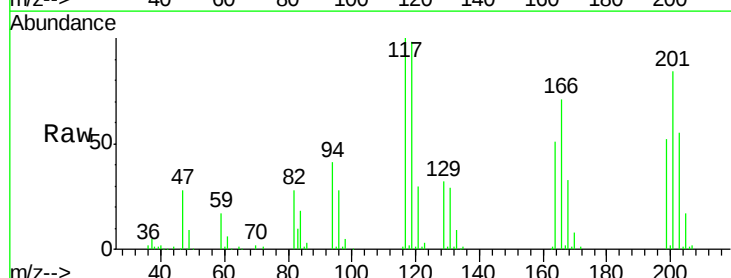
Manual Integrations
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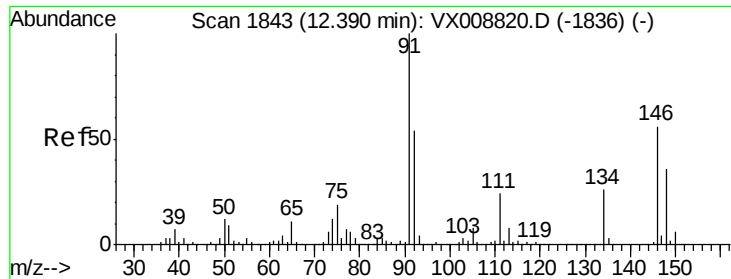
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#90
Hexachloroethane
Concen: 19.875 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion: 117 Resp: 24353
Ion Ratio Lower Upper
117 100
201 84.6 40.6 122.0





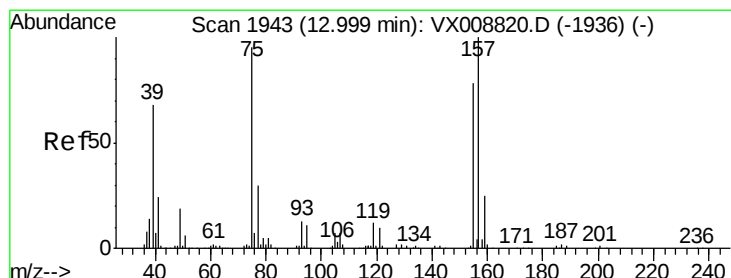
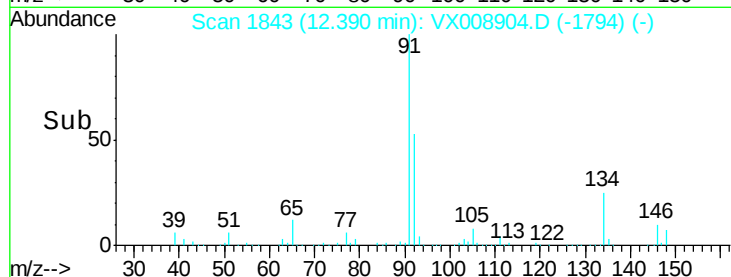
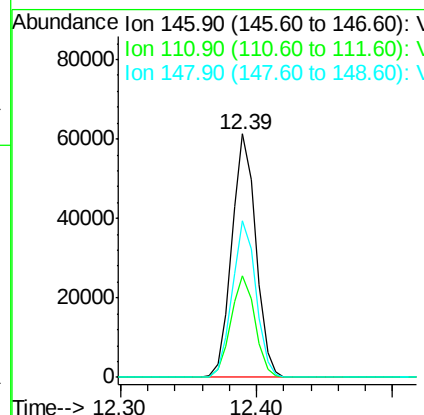
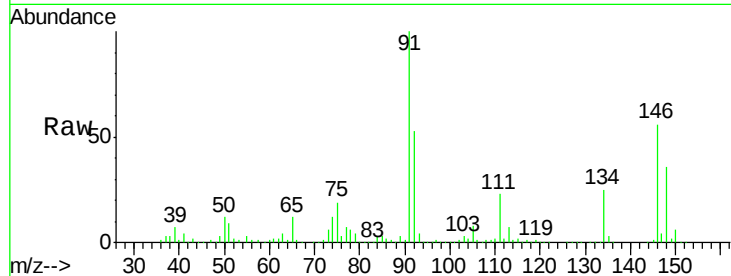
#91
 1,2-Dichlorobenzene
 Concen: 20.484 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.9
148	63.6	31.7	95.1

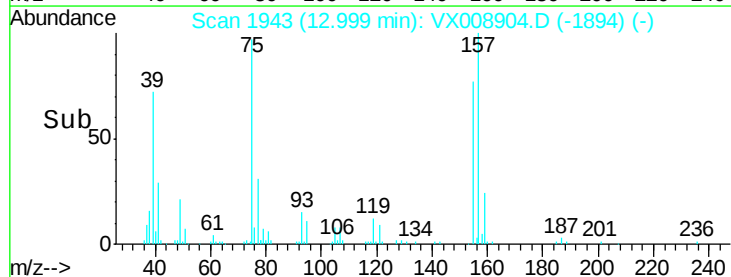
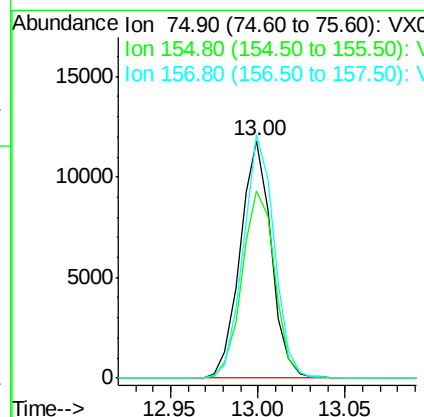
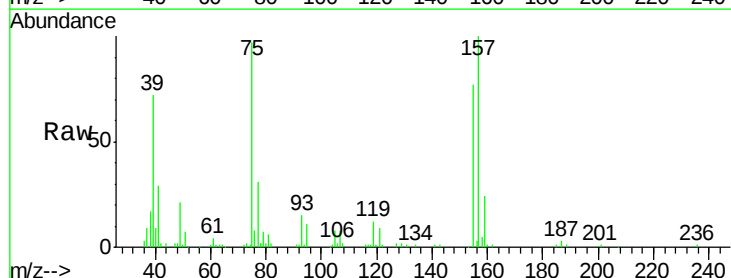
Manual Integrations
 APPROVED

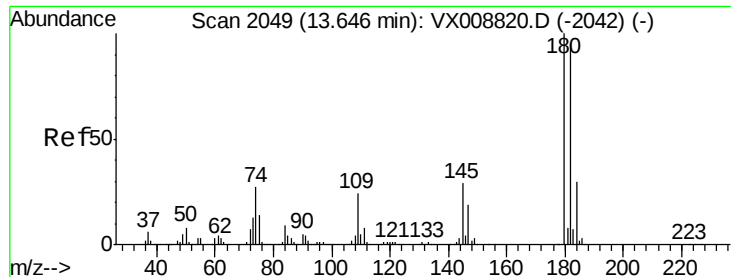
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.172 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008904.D
 Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	39.9	119.6
157	102.4	51.5	154.7





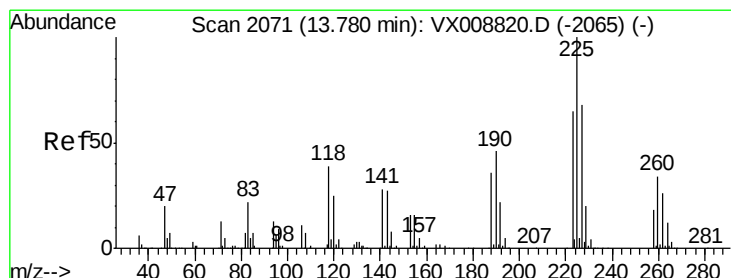
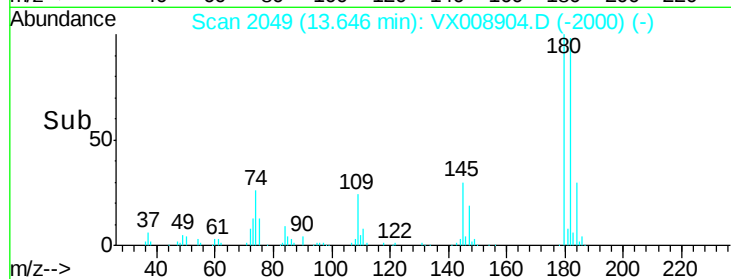
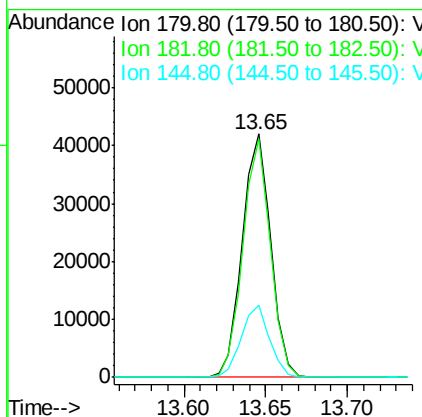
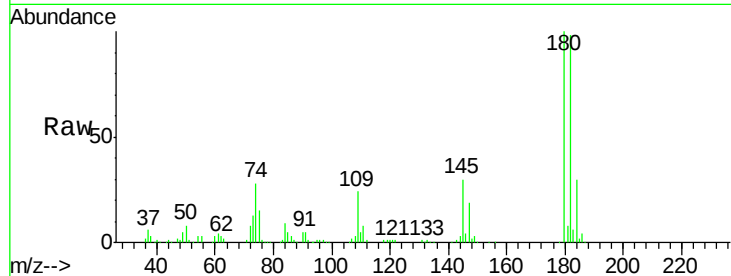
#93
1,2,4-Trichlorobenzene
Concen: 20.131 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.2	141.6
145	29.5	15.3	45.9

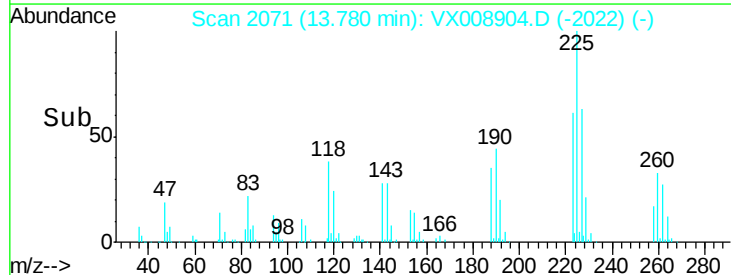
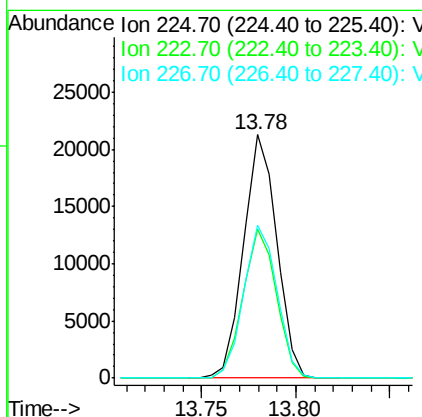
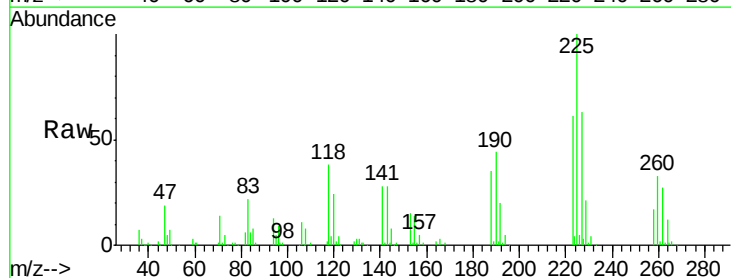
Manual Integrations
APPROVED

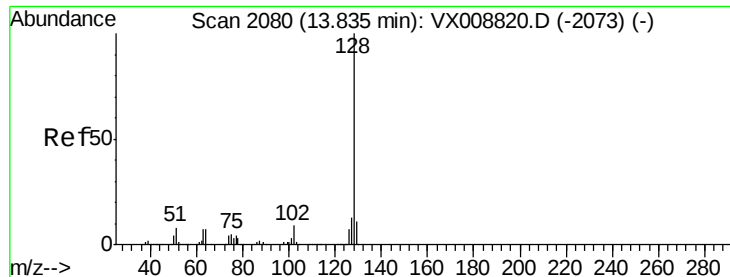
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#94
Hexachlorobutadiene
Concen: 21.310 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.2	93.6
227	62.9	31.9	95.5





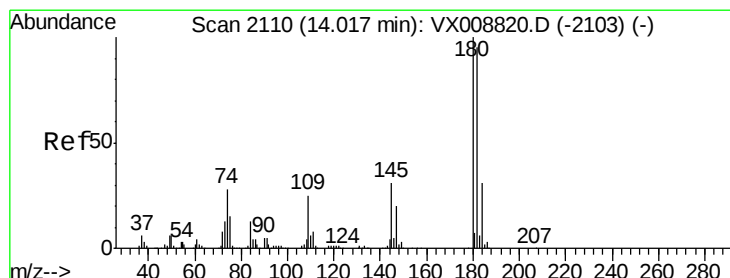
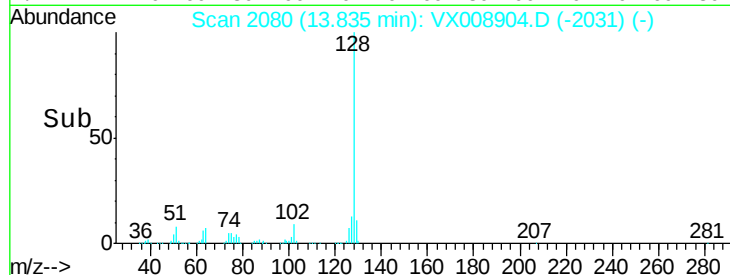
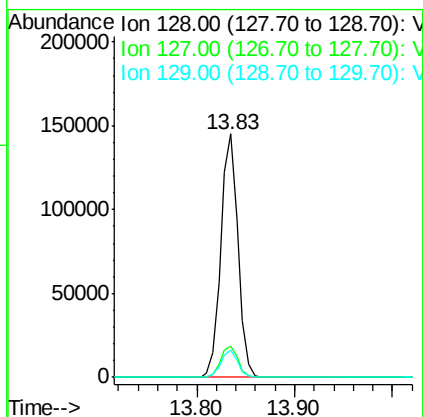
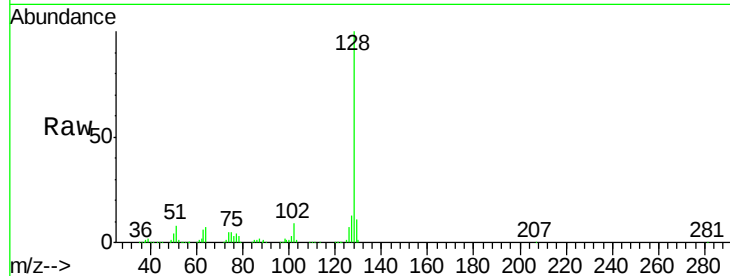
#95
Naphthalene
Concen: 20.625 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	175727		
127	13.1	10.4	15.6	
129	10.9	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.549 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008904.D
Acq: 12 Apr 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	52341		
182	95.8	48.1	144.3	
145	30.8	16.3	48.8	

