

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008958.D
 Acq On : 15 Apr 2019 13:49
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 10:53:17 AM

Quant Time: Apr 16 03:38:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	229240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	362061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	161327	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
35) Dibromofluoromethane	5.49	113	120755	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
50) Toluene-d8	8.71	98	494203	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	11.13	95	177202	54.17	ug/l	0.00
Spiked Amount			Recovery	=	108.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	149030	56.442	ug/l	100
3) Chloromethane	1.32	50	172382	53.179	ug/l	100
4) Vinyl Chloride	1.41	62	164489	52.136	ug/l	99
5) Bromomethane	1.64	94	98174	49.715	ug/l	99
6) Chloroethane	1.71	64	96171	51.837	ug/l	98
7) Trichlorofluoromethane	1.92	101	191318	51.937	ug/l	98
8) Diethyl Ether	2.18	74	83742	49.709	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123959	52.632	ug/l	99
10) Methyl Iodide	2.51	142	121095	47.288	ug/l	100
11) Tert butyl alcohol	3.05	59	178592	249.042	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122993	50.031	ug/l	98
13) Acrolein	2.29	56	142495	229.973	ug/l	99
14) Allyl chloride	2.73	41	280724	52.341	ug/l	99
15) Acrylonitrile	3.14	53	453762	249.267	ug/l	99
16) Acetone	2.44	43	410493	245.021	ug/l	100
17) Carbon Disulfide	2.57	76	370087	51.200	ug/l	100
18) Methyl Acetate	2.77	43	199399	47.689	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	450620	51.444	ug/l	100
20) Methylene Chloride	2.85	84	139855	48.815	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	129773	49.492	ug/l	95
22) Diisopropyl ether	3.85	45	534154	51.253	ug/l	90
23) Vinyl Acetate	3.81	43	2423453	264.533	ug/l	99
24) 1,1-Dichloroethane	3.70	63	263433	50.354	ug/l	100
25) 2-Butanone	4.67	43	682388	254.821	ug/l	97
26) 2,2-Dichloropropane	4.58	77	206596	52.682	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	147607	49.582	ug/l	98
28) Bromochloromethane	5.01	49	111564	51.395	ug/l	100
29) Tetrahydrofuran	5.12	42	446975	249.375	ug/l	99
30) Chloroform	5.21	83	238851	51.020	ug/l	98
31) Cyclohexane	5.57	56	271197	52.705	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	199927	51.526	ug/l	100
36) 1,1-Dichloropropene	5.79	75	192713	51.466	ug/l	99
37) Ethyl Acetate	4.83	43	256565	53.248	ug/l	100
38) Carbon Tetrachloride	5.78	117	169870	53.511	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254823	55.894	ug/l	99
40) Benzene	6.14	78	576267	52.167	ug/l	99
41) Methacrylonitrile	5.04	41	144805	52.364	ug/l	99
42) 1,2-Dichloroethane	6.19	62	202661	51.790	ug/l	99
43) Isopropyl Acetate	6.44	43	410670	52.889	ug/l	100
44) Trichloroethene	7.21	130	139029	51.366	ug/l	99
45) 1,2-Dichloropropane	7.51	63	160240	52.288	ug/l	100
46) Dibromomethane	7.66	93	91526	51.318	ug/l	99
47) Bromodichloromethane	7.90	83	185356	52.987	ug/l	100
48) Methyl methacrylate	7.77	41	206636	53.859	ug/l	100
49) 1,4-Dioxane	7.74	88	72398	1008.192	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1290721	260.925	ug/l	100
52) Toluene	8.78	92	347495	52.489	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	222226	55.200	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	243526	54.023	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	137367	52.353	ug/l	97
56) Ethyl methacrylate	9.18	69	253555	53.893	ug/l	99
57) 1,3-Dichloropropane	9.37	76	244569	52.351	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	785187	309.917	ug/l	99
59) 2-Hexanone	9.49	43	986991	258.794	ug/l	100
60) Dibromochloromethane	9.58	129	138402	55.037	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142492	52.618	ug/l	99
64) Tetrachloroethene	9.34	164	127673	52.115	ug/l	98
65) Chlorobenzene	10.13	112	357054	52.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	129519	54.014	ug/l	99
67) Ethyl Benzene	10.25	91	668283	53.708	ug/l	100
68) m/p-Xylenes	10.36	106	485431	107.347	ug/l	99
69) o-Xylene	10.69	106	232489	52.838	ug/l	97
70) Styrene	10.71	104	412441	54.091	ug/l	100
71) Bromoform	10.85	173	103003	53.918	ug/l #	99
73) Isopropylbenzene	11.02	105	635252	54.350	ug/l	100
74) N-amyl acetate	10.90	43	352423	52.513	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	214650	50.262	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	189748m	50.394	ug/l	
77) Bromobenzene	11.26	156	151542	51.387	ug/l	99
78) n-propylbenzene	11.36	91	747551	55.723	ug/l	100
79) 2-Chlorotoluene	11.42	91	430433	53.244	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	536165	54.665	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	79603	54.276	ug/l	98
82) 4-Chlorotoluene	11.51	91	500131	53.269	ug/l	100
83) tert-Butylbenzene	11.77	119	509200	54.073	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	538513	53.937	ug/l	100
85) sec-Butylbenzene	11.94	105	625867	55.726	ug/l	100
86) p-Isopropyltoluene	12.06	119	565033	54.721	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270622	52.431	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	271804	51.948	ug/l	99
89) n-Butylbenzene	12.38	91	544032	56.573	ug/l	100
90) Hexachloroethane	12.60	117	95833	56.264	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	262064	51.417	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48588	49.969	ug/l	99

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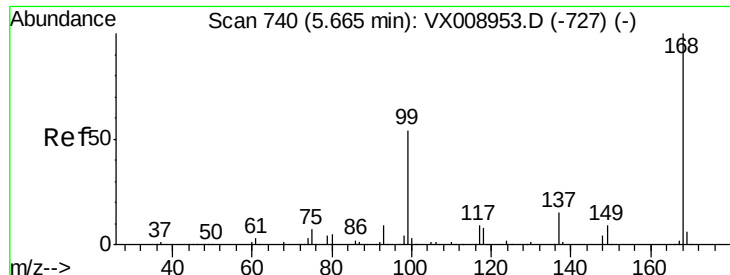
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194688	52.916	ug/l	99
94) Hexachlorobutadiene	13.78	225	101718	55.432	ug/l	100
95) Naphthalene	13.83	128	610408	51.784	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192759	53.099	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion:168 Resp: 229240

Ion Ratio Lower Upper

168 100

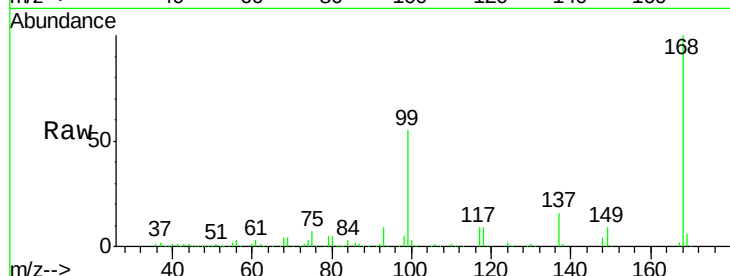
99 55.0 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

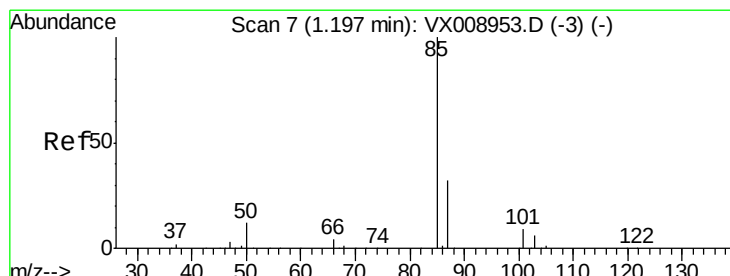
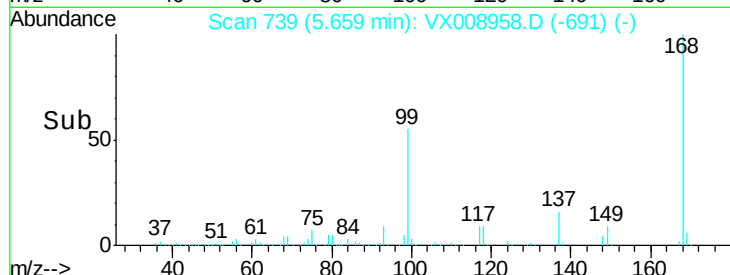
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.442 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008958.D

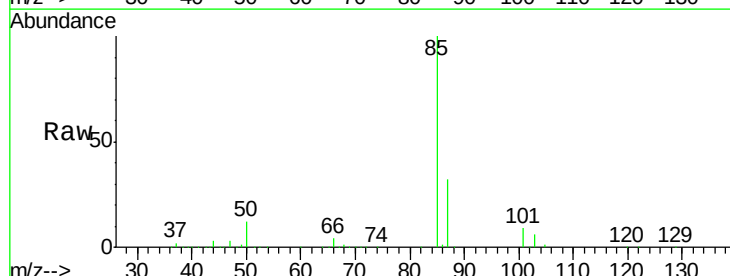
Acq: 15 Apr 2019 13:49

Tgt Ion: 85 Resp: 149030

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

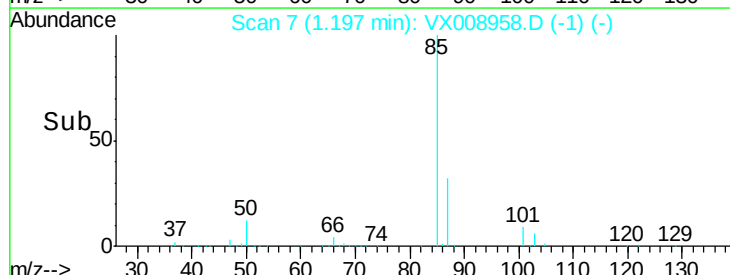
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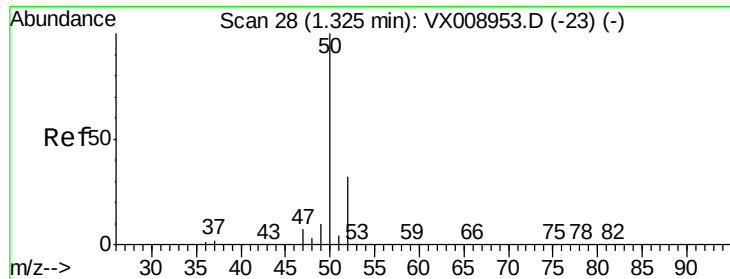
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.179 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 50 Resp: 172382

Ion Ratio Lower Upper

50 100

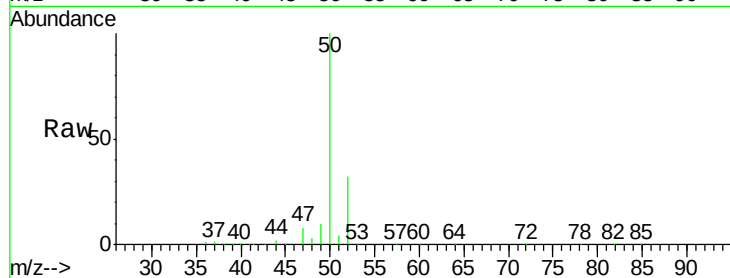
52 31.8 25.5 38.3

Manual Integrations

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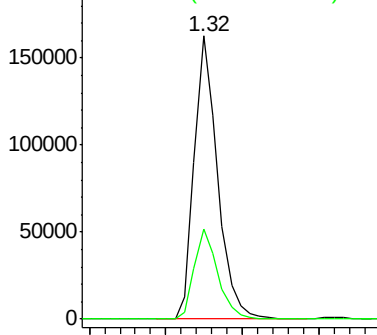
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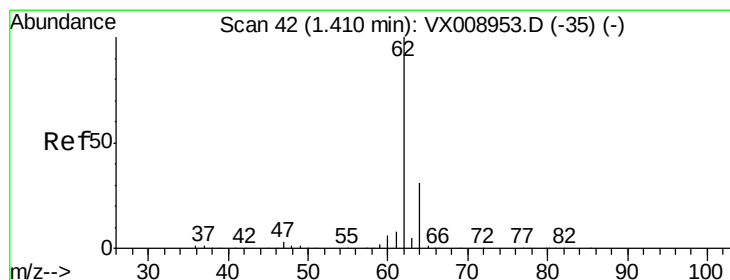
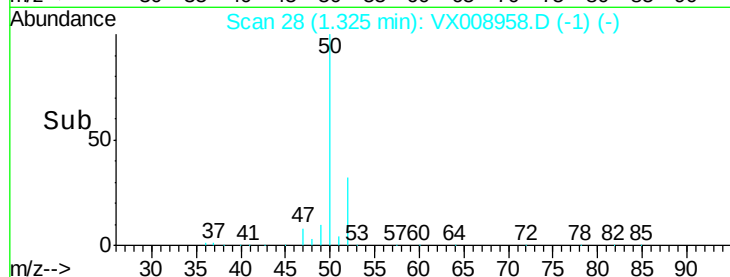


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 52.136 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008958.D

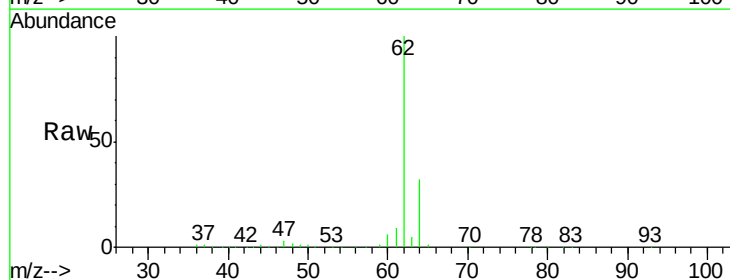
Acq: 15 Apr 2019 13:49

Tgt Ion: 62 Resp: 164489

Ion Ratio Lower Upper

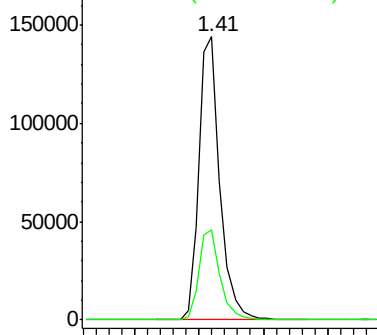
62 100

64 31.9 25.0 37.4

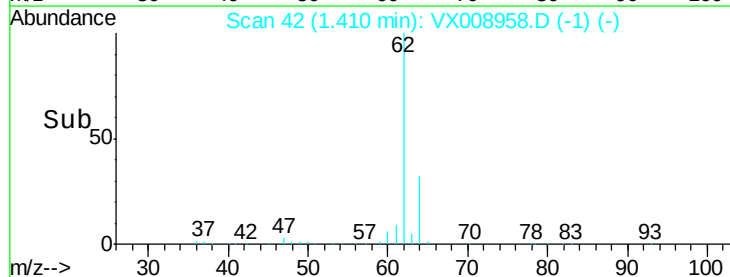


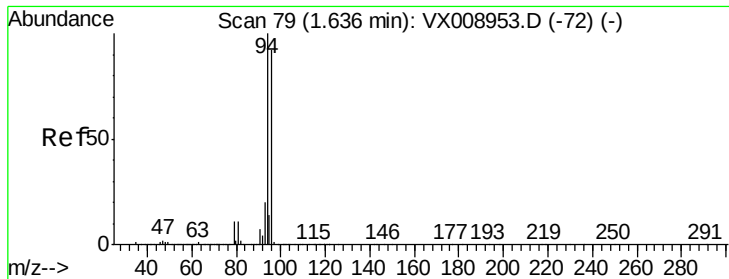
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 49.715 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 94 Resp: 98174

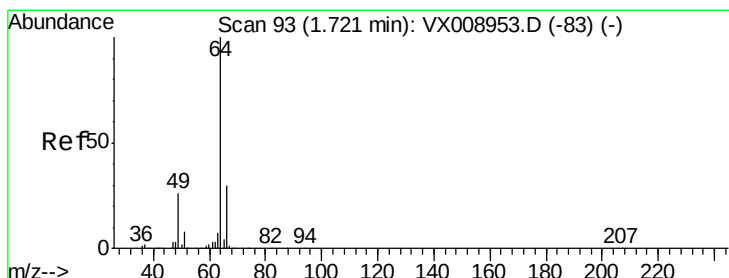
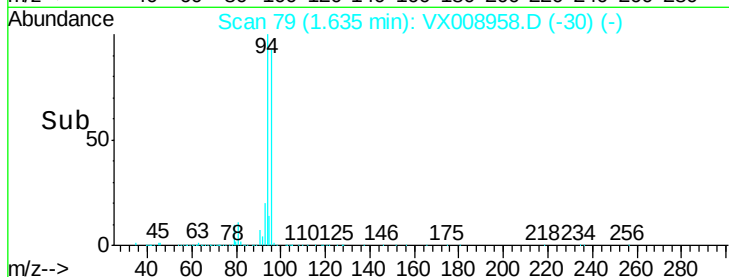
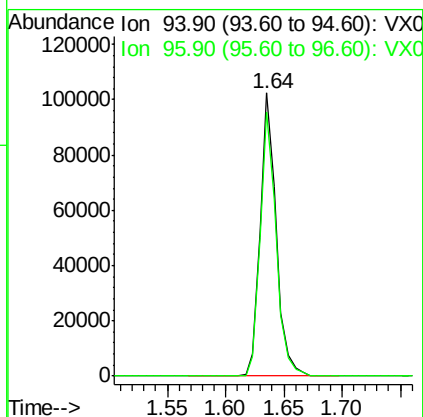
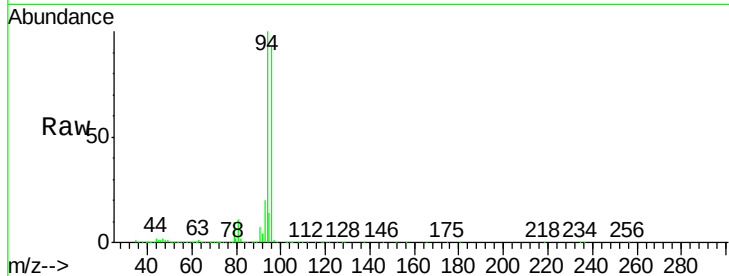
Ion Ratio Lower Upper

94 100

96 93.5 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 51.837 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008958.D

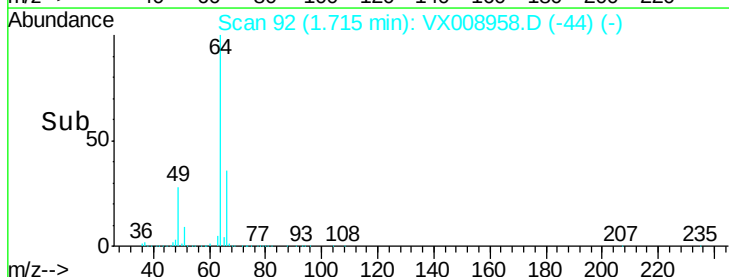
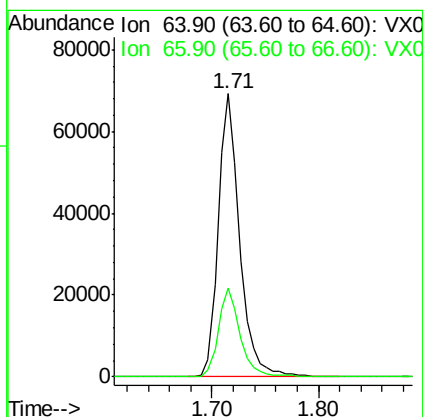
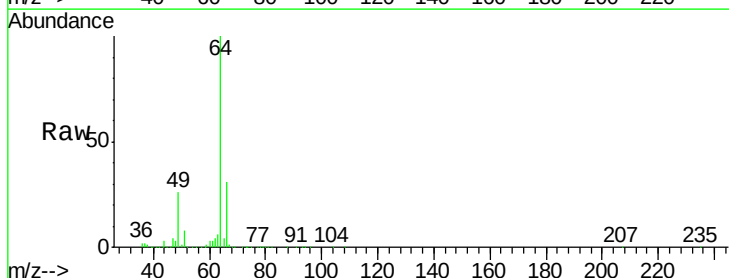
Acq: 15 Apr 2019 13:49

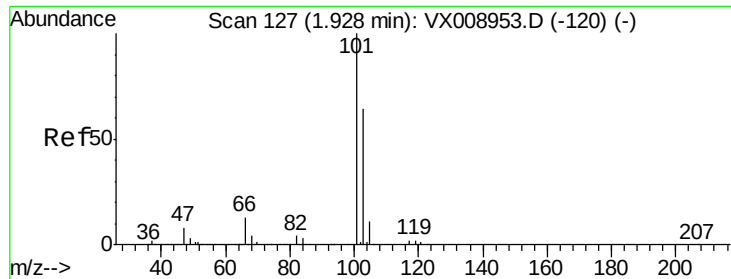
Tgt Ion: 64 Resp: 96171

Ion Ratio Lower Upper

64 100

66 31.4 24.2 36.2





#7

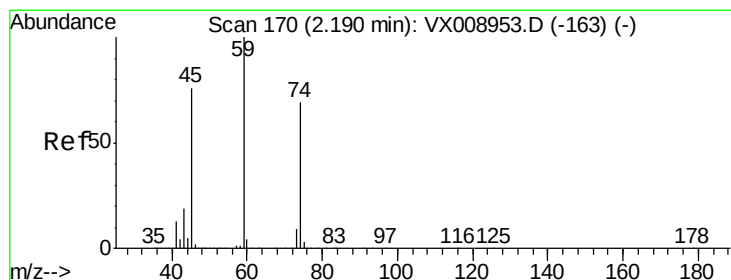
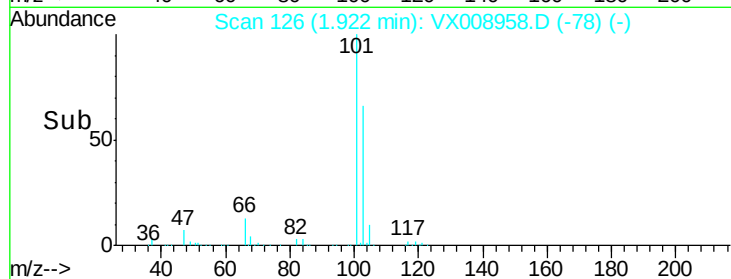
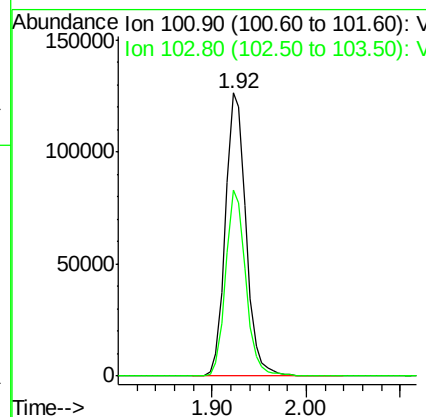
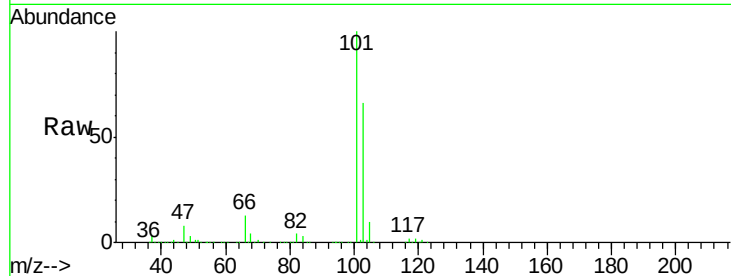
Trichlorofluoromethane
 Concen: 51.937 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

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 ClientSampleId :
 ICVVX041519

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.0	76.6

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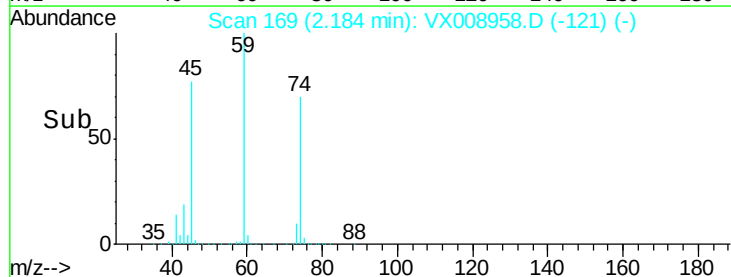
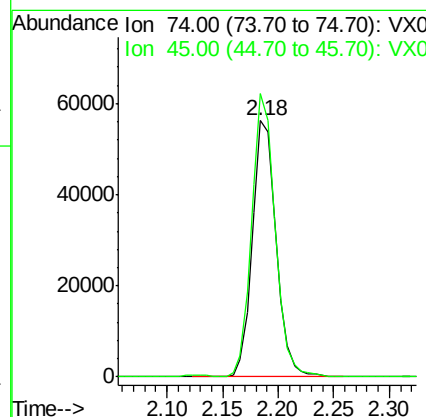
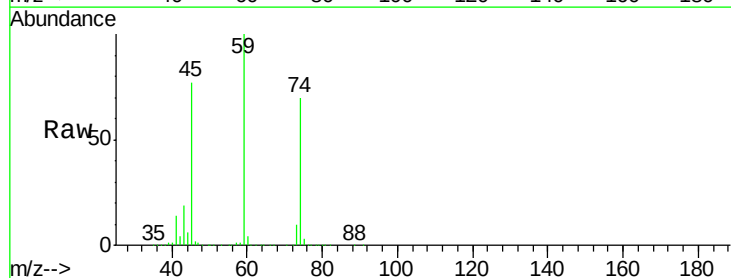
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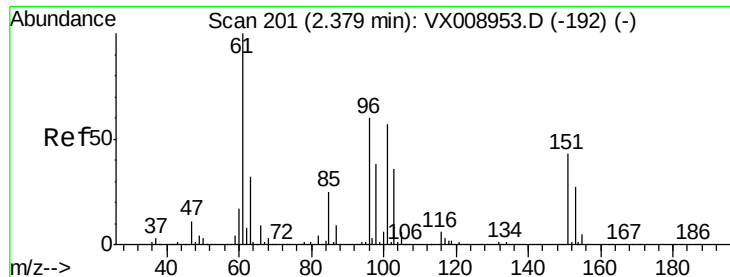


#8

Diethyl Ether
 Concen: 49.709 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.0	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.632 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

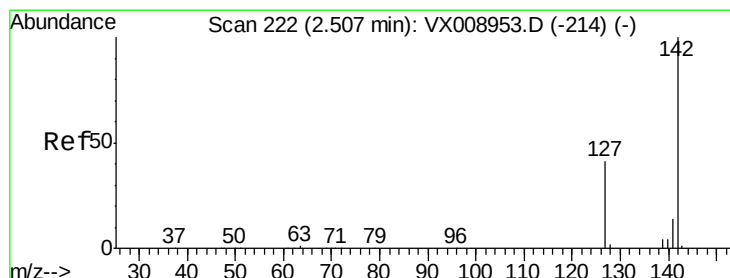
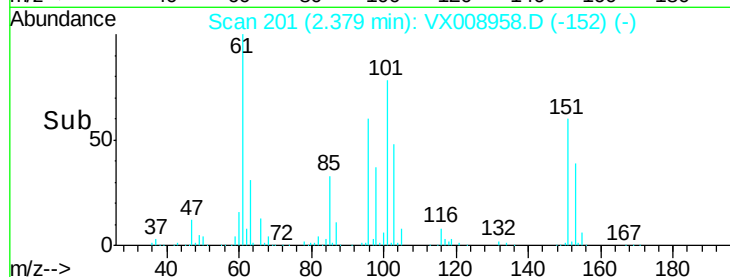
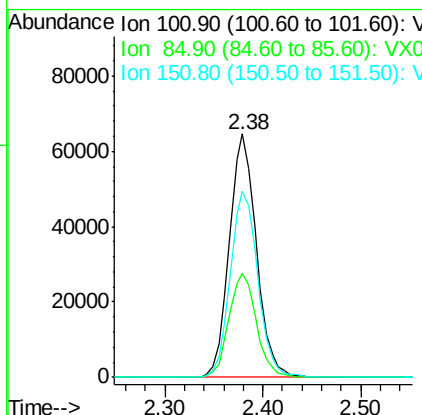
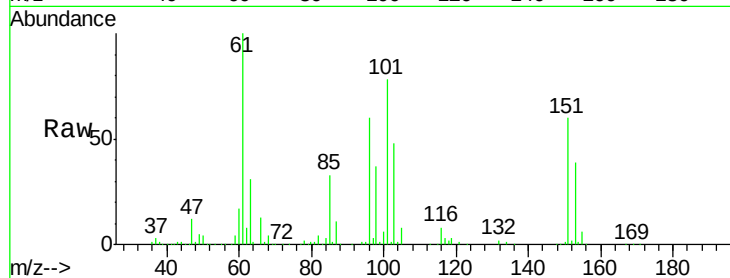
ClientSampleId :

ICVVX041519

Tot Ion:	101	Resp:	123959
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.7	53.5
151	77.8	62.7	94.1

Manual Integrations
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4/16/2019 10:53:17 AM



#10

Methyl Iodide

Concen: 47.288 ug/l

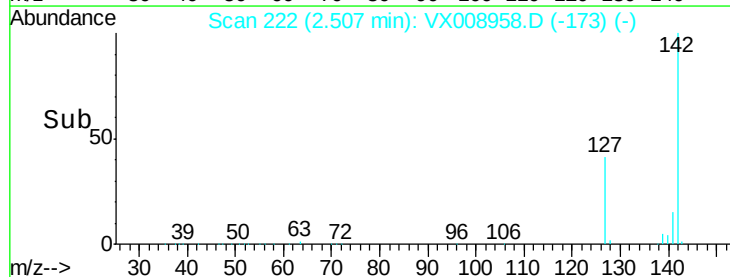
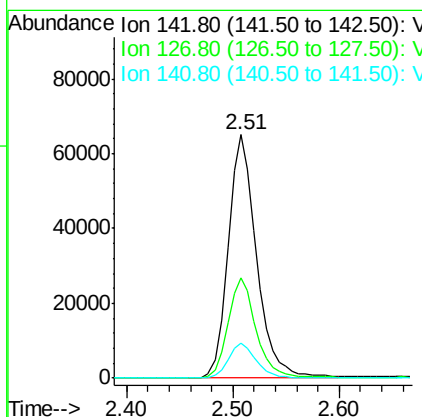
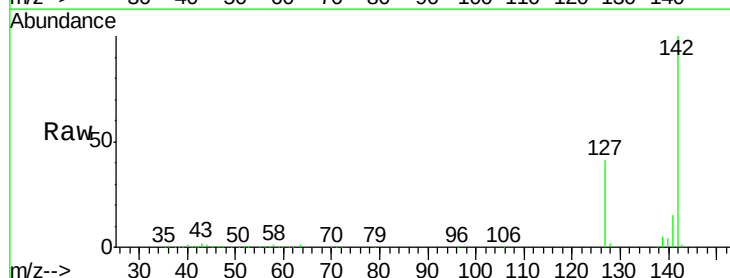
RT: 2.51 min Scan# 222

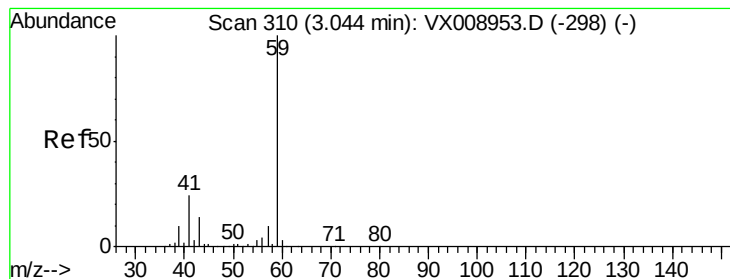
Delta R.T. 0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion:	142	Resp:	121095
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.8	49.2
141	14.4	11.4	17.2





#11

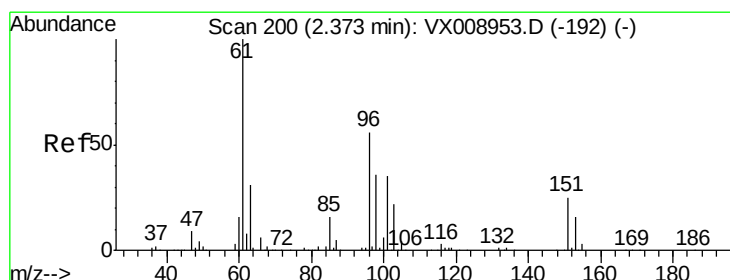
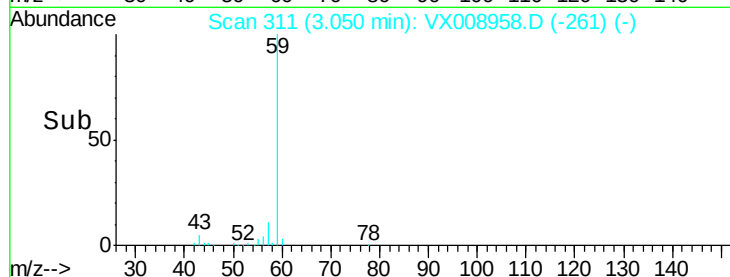
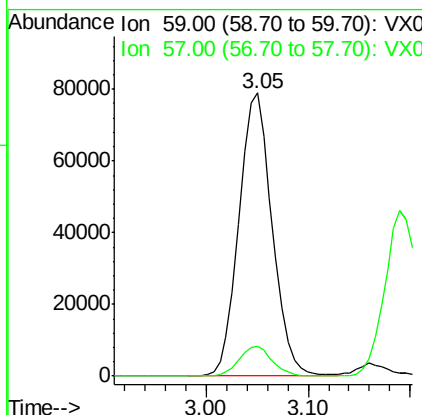
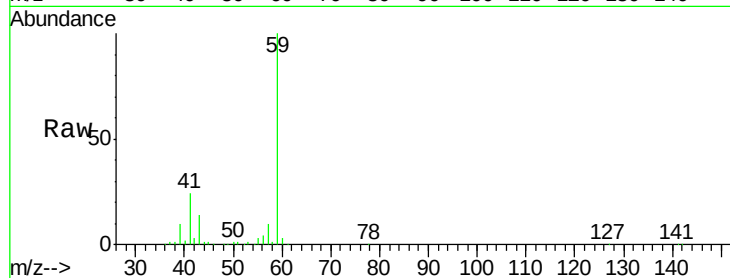
Tert butyl alcohol
 Concen: 249.042 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion	59	Resp	178592
Ion Ratio	100	Lower	Upper
57	10.6	8.4	12.6

Manual Integrations
 APPROVED

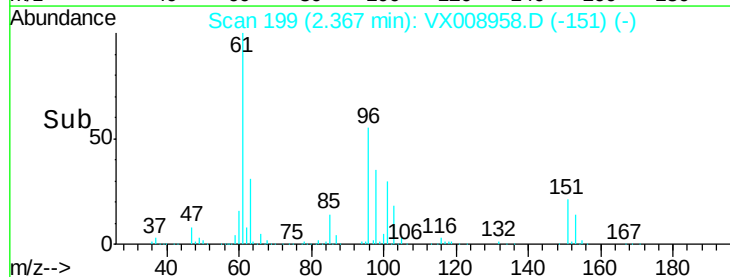
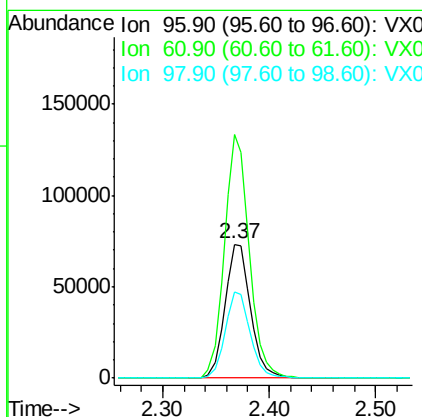
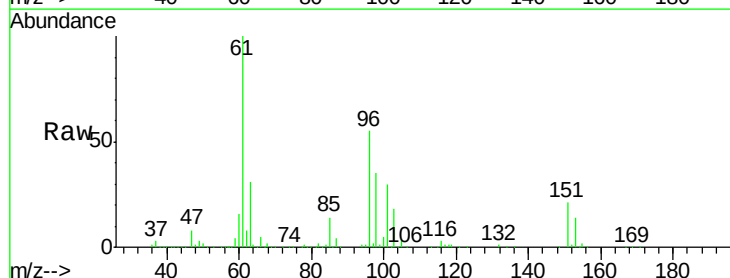
MMDadoda
 4/16/2019 10:53:17 AM

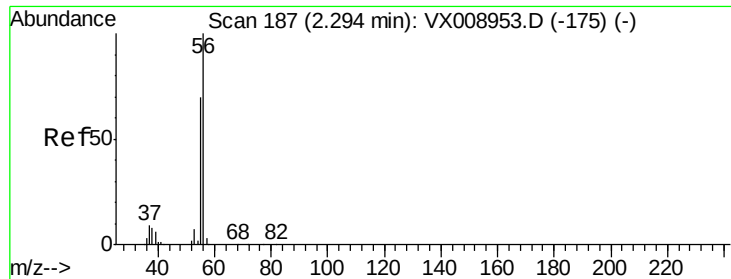


#12

1,1-Dichloroethene
 Concen: 50.031 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	96	Resp	122993
Ion Ratio	100	Lower	Upper
61	181.7	142.2	213.2
98	63.9	50.9	76.3





#13

Acrolein

Concen: 229.973 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 56 Resp: 142495

Ion Ratio Lower Upper

56 100

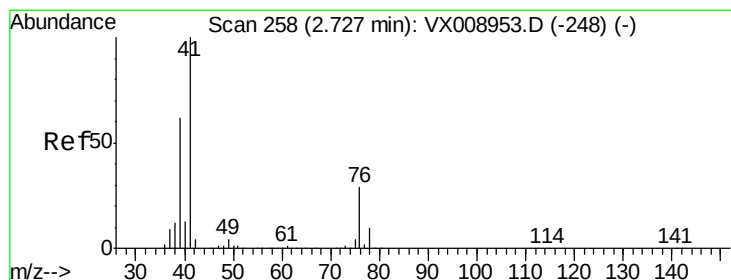
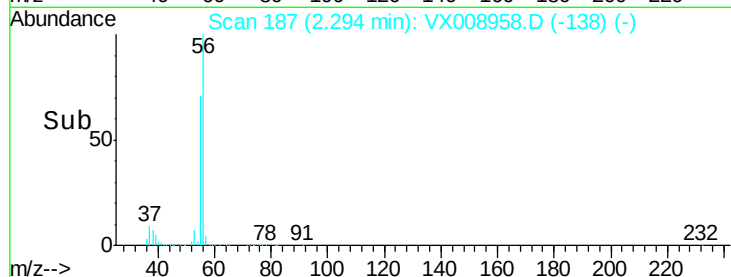
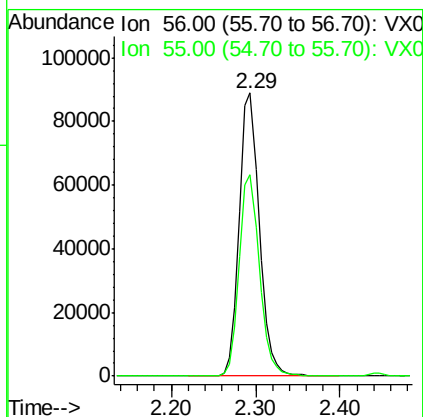
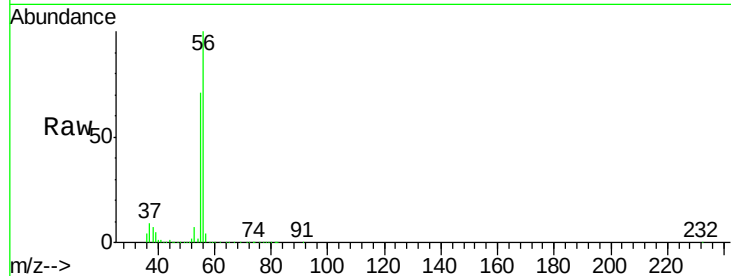
55 71.2 56.6 84.8

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 52.341 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

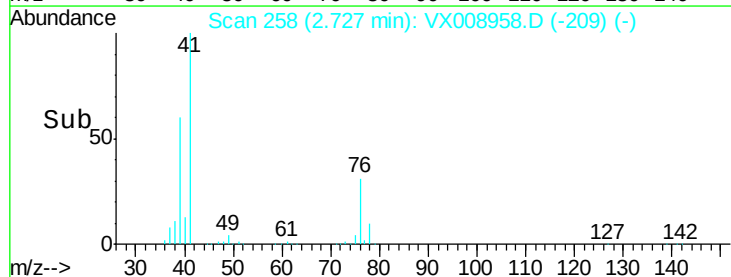
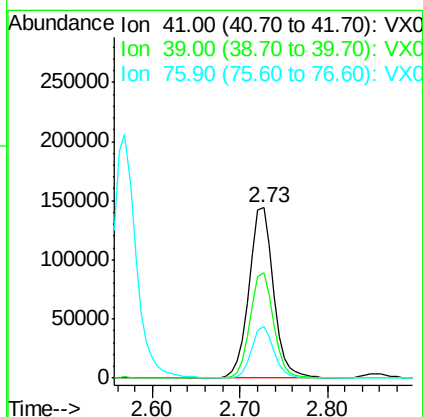
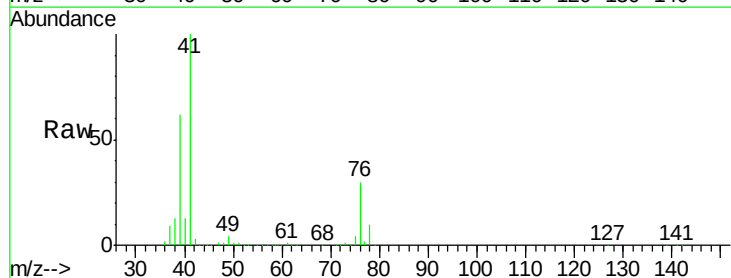
Tgt Ion: 41 Resp: 280724

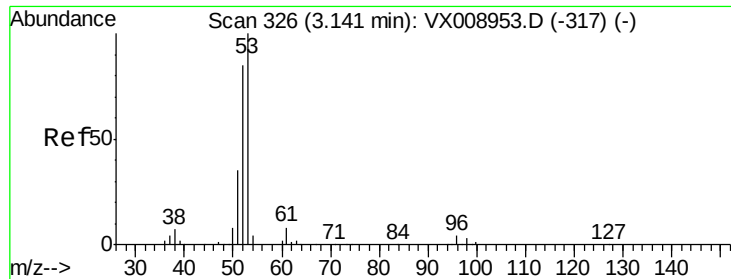
Ion Ratio Lower Upper

41 100

39 58.9 46.7 70.1

76 27.7 22.0 33.0





#15

Acrylonitrile

Concen: 249.267 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

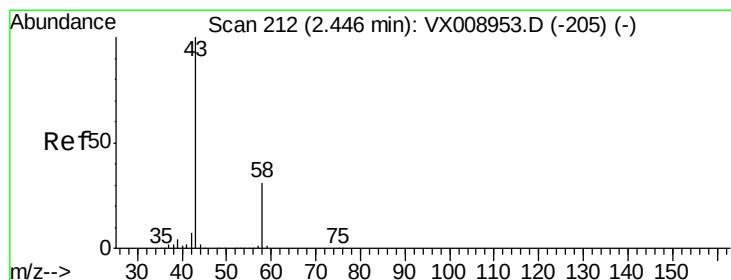
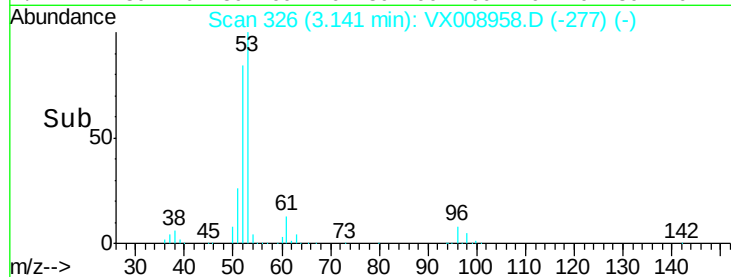
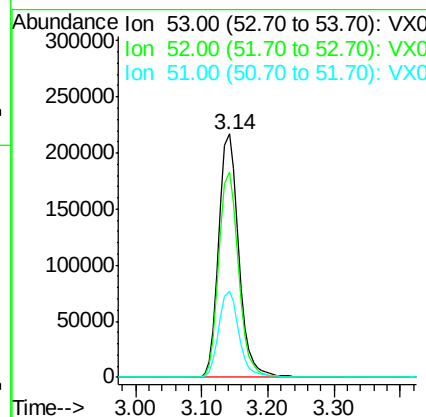
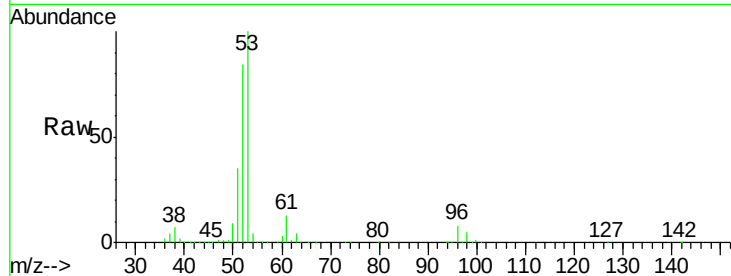
ClientSampleId :

ICVVX041519

Tot Ion:	53	Resp:	453762
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.6	100.0
51	35.9	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 245.021 ug/l

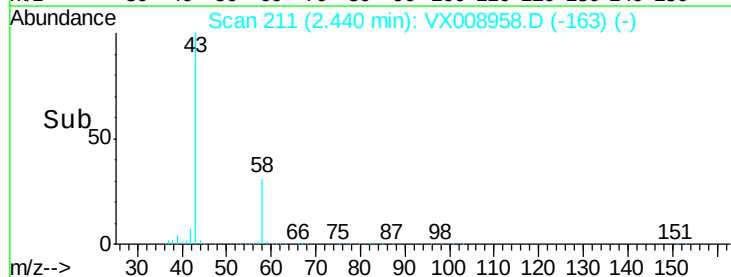
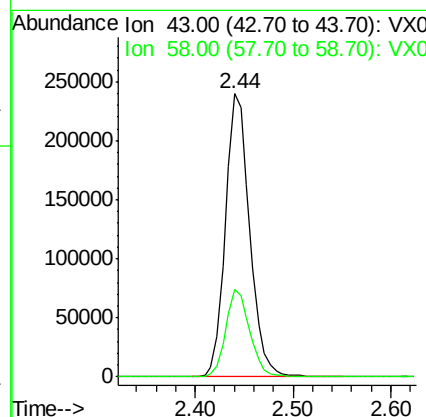
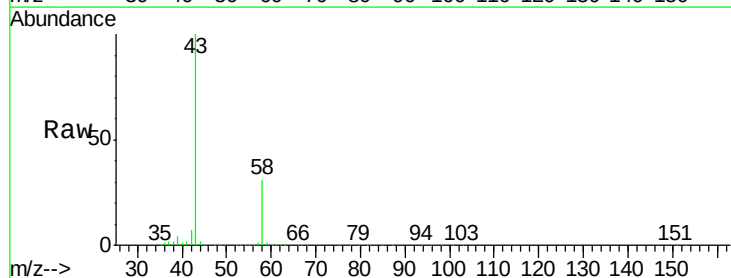
RT: 2.44 min Scan# 211

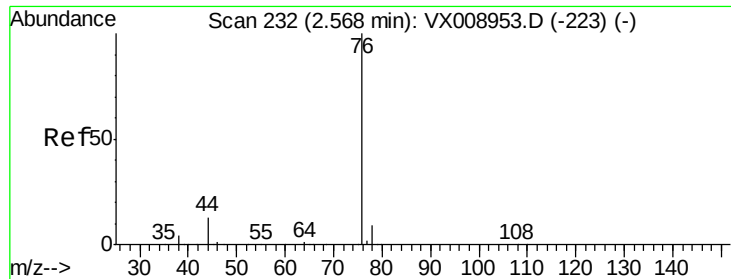
Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion:	43	Resp:	410493
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.8	37.2





#17

Carbon Disulfide

Concen: 51.200 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 76 Resp: 370087

Ion Ratio Lower Upper

76 100

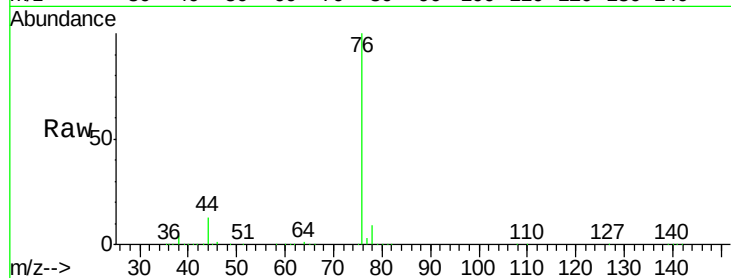
78 9.2 7.2 10.8

Manual Integrations

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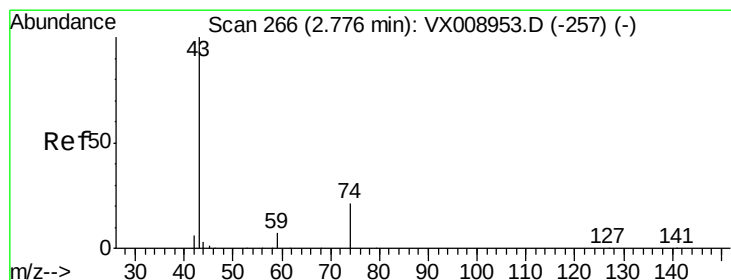
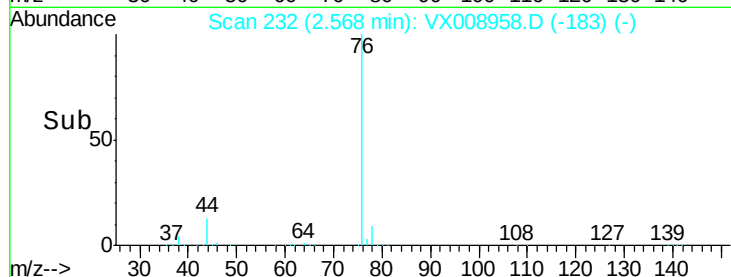
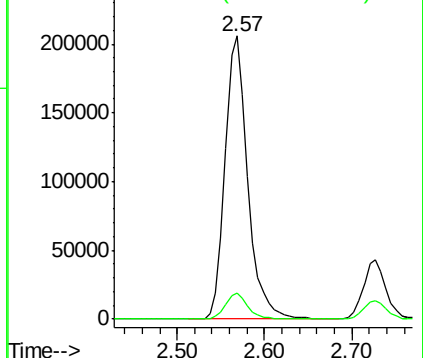
MMDadoda

4/16/2019 10:53:17 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.689 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008958.D

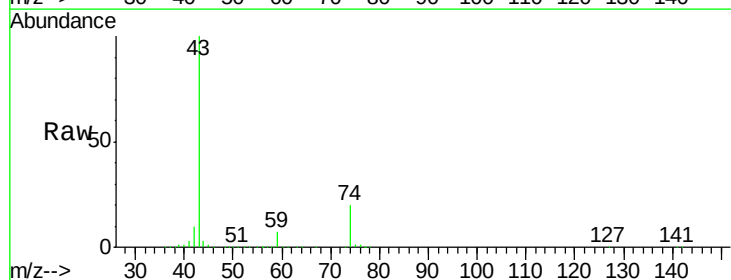
Acq: 15 Apr 2019 13:49

Tgt Ion: 43 Resp: 199399

Ion Ratio Lower Upper

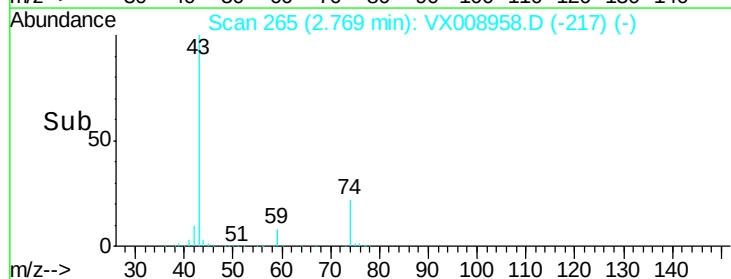
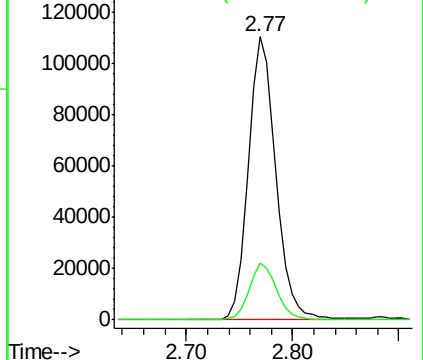
43 100

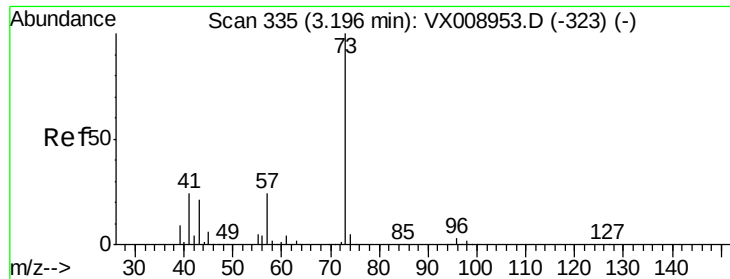
74 20.5 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





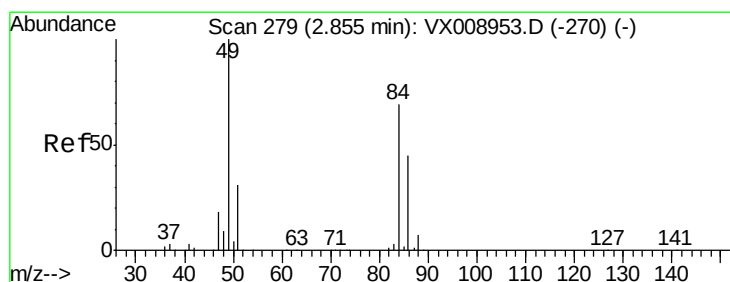
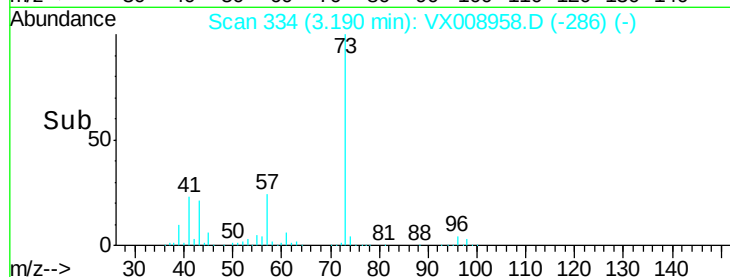
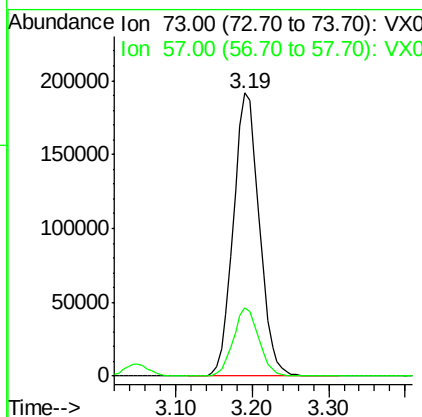
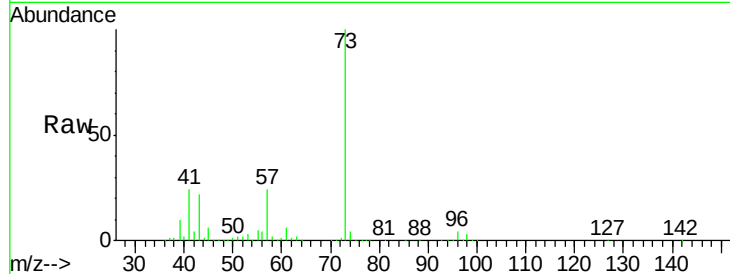
#19
Methyl tert-butyl Ether
Concen: 51.444 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion: 73 Resp: 450620
Ion Ratio Lower Upper
73 100
57 24.2 19.2 28.8

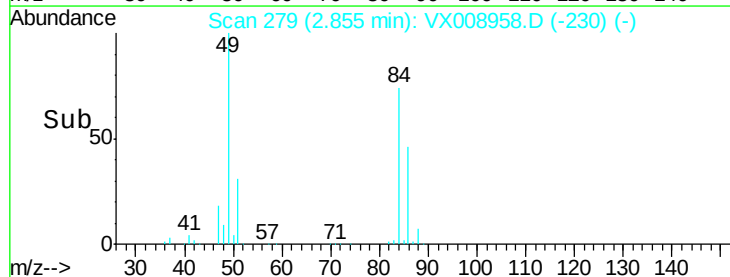
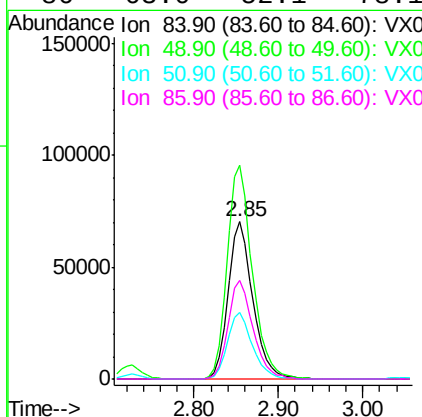
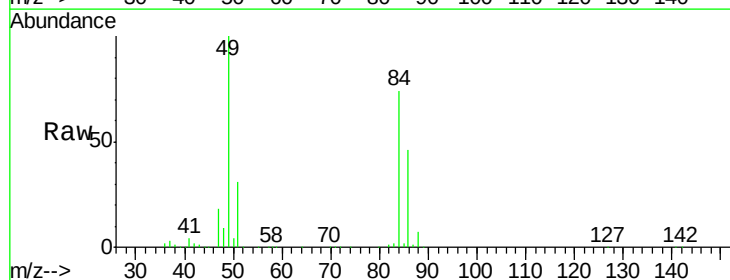
Manual Integrations
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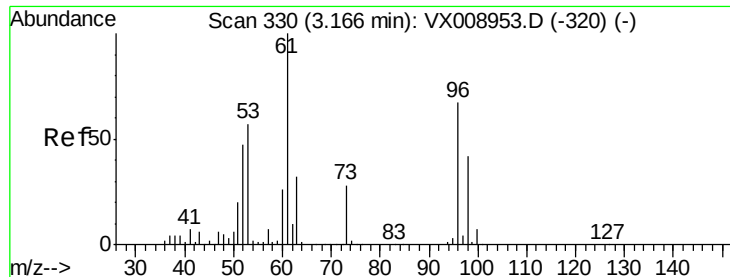
MMDadoda
4/16/2019 10:53:17 AM



#20
Methylene Chloride
Concen: 48.815 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion: 84 Resp: 139855
Ion Ratio Lower Upper
84 100
49 135.8 115.4 173.0
51 42.0 35.8 53.6
86 63.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 49.492 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 96 Resp: 129773

Ion Ratio Lower Upper

96 100

61 159.5 120.3 180.5

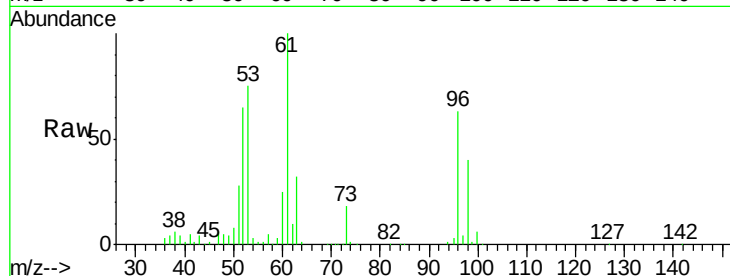
98 63.1 50.2 75.2

Manual Integrations

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MMDadoda

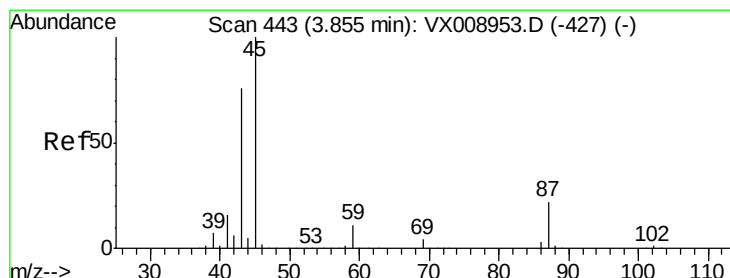
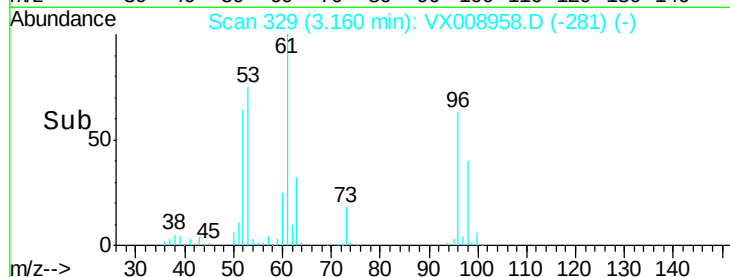
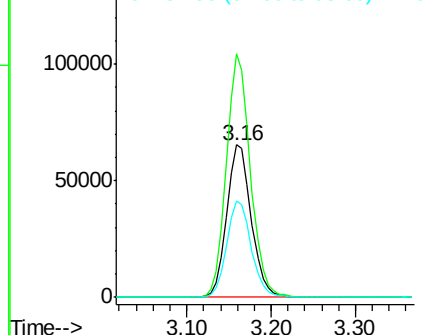
4/16/2019 10:53:17 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.253 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion: 45 Resp: 534154

Ion Ratio Lower Upper

45 100

43 64.4 60.6 91.0

87 23.0 17.8 26.8

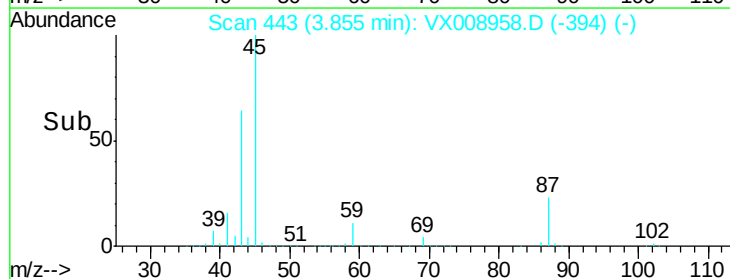
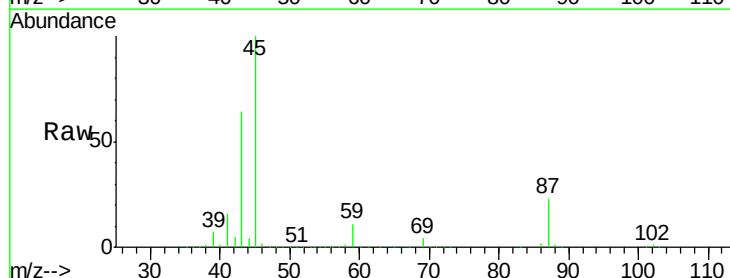
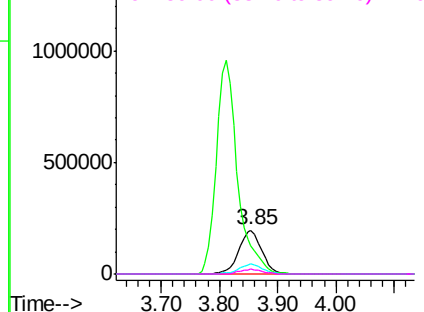
59 10.7 8.7 13.1

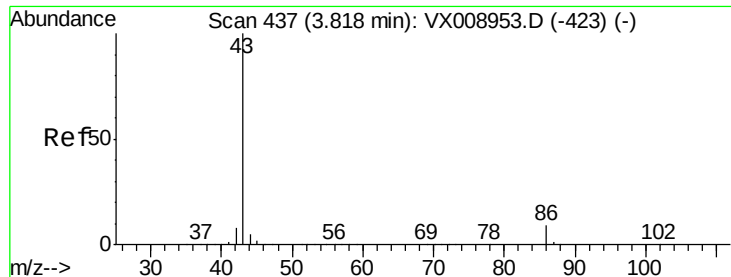
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 264.533 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleID :

ICVVX041519

Tot Ion: 43 Resp: 2423453

Ion Ratio Lower Upper

43 100

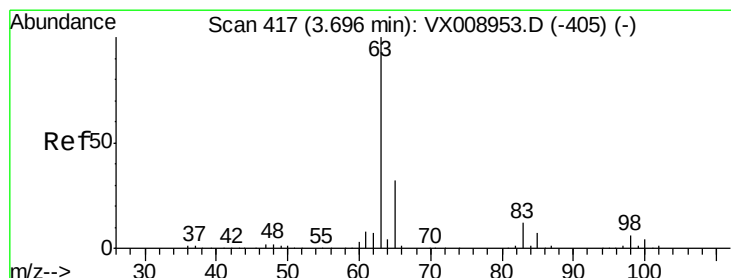
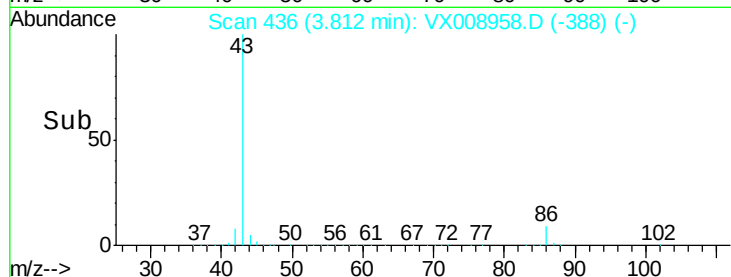
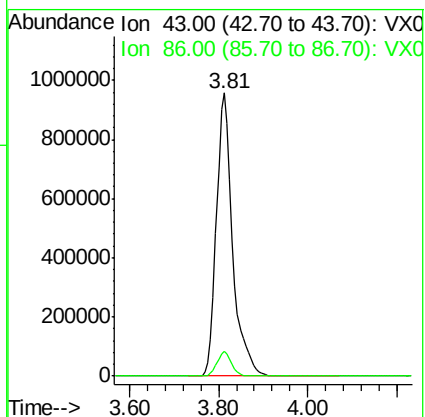
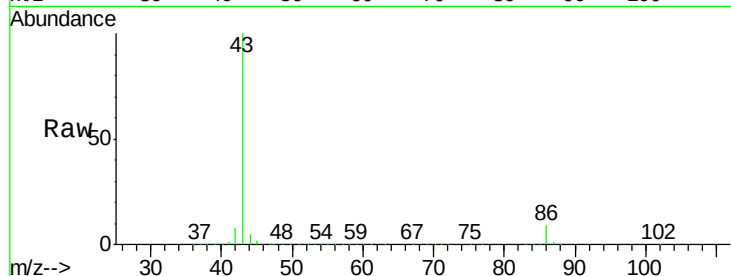
86 8.6 7.1 10.7

Manual Integrations

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MMDadoda

4/16/2019 10:53:17 AM



#24

1,1-Dichloroethane

Concen: 50.354 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

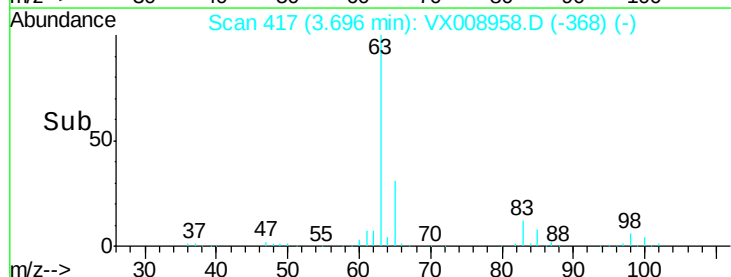
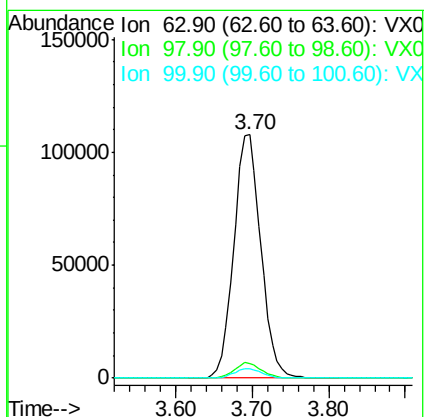
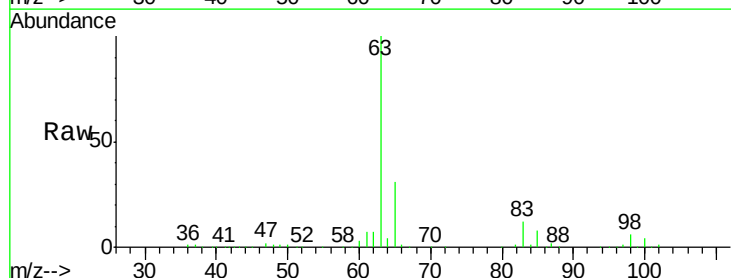
Tgt Ion: 63 Resp: 263433

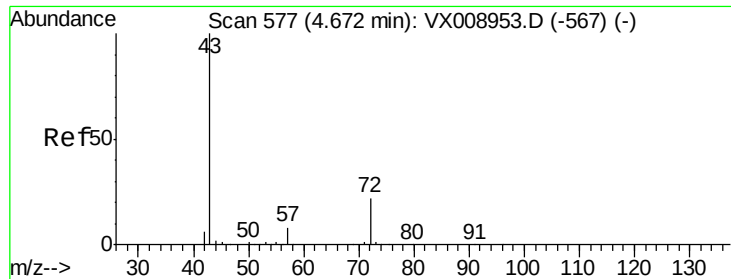
Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 3.6 1.9 5.7





#25

2-Butanone

Concen: 254.821 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tot Ion: 43 Resp: 682388

Ion Ratio Lower Upper

43 100

72 23.2 17.5 26.3

Instrument :

MSVOA_X

ClientSampleId :

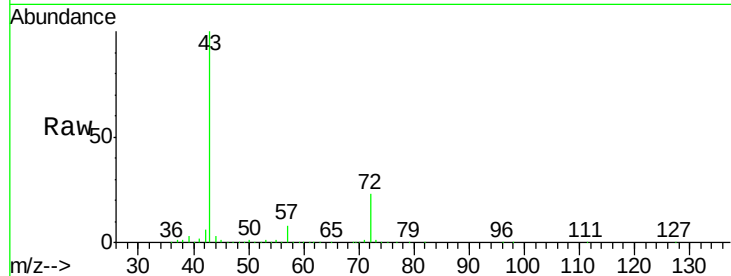
ICVVX041519

Manual Integrations

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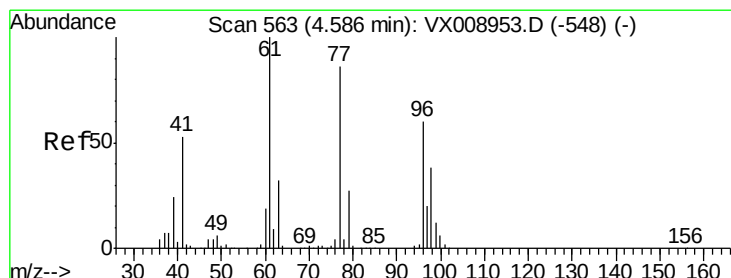
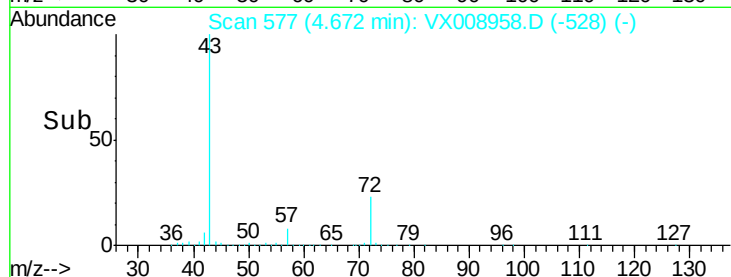
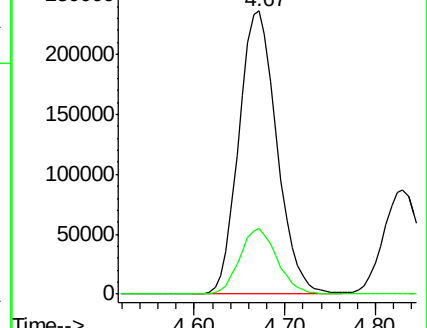
MMDadoda

4/16/2019 10:53:17 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.682 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008958.D

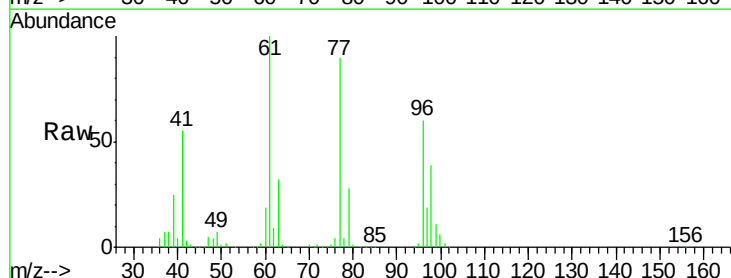
Acq: 15 Apr 2019 13:49

Tgt Ion: 77 Resp: 206596

Ion Ratio Lower Upper

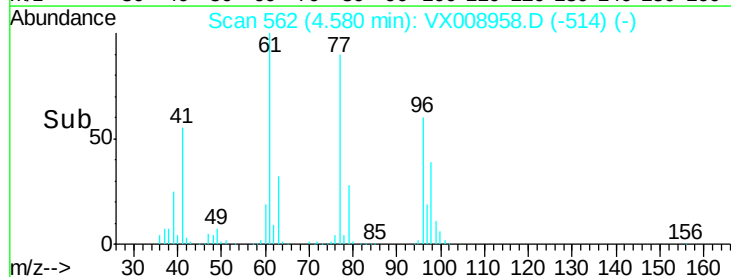
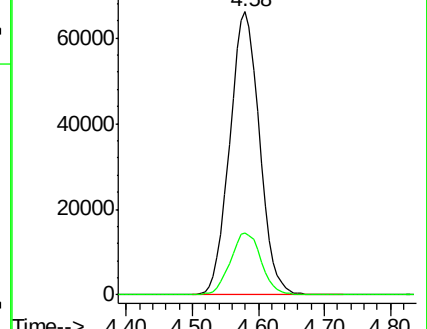
77 100

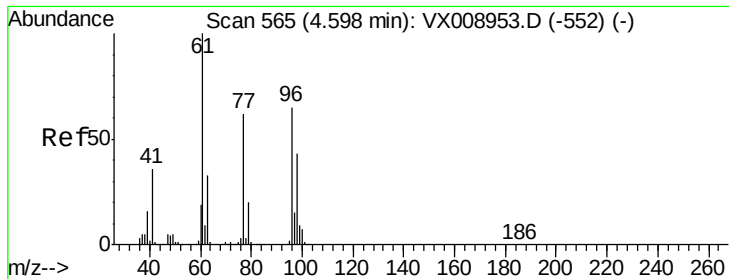
97 22.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

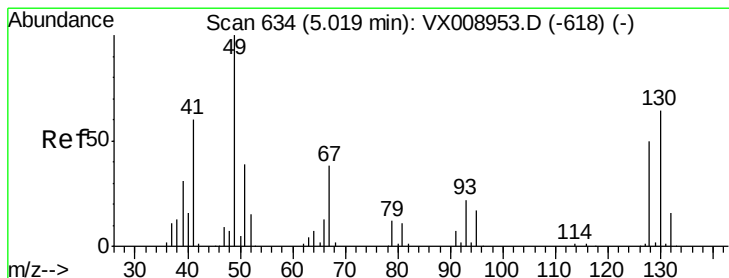
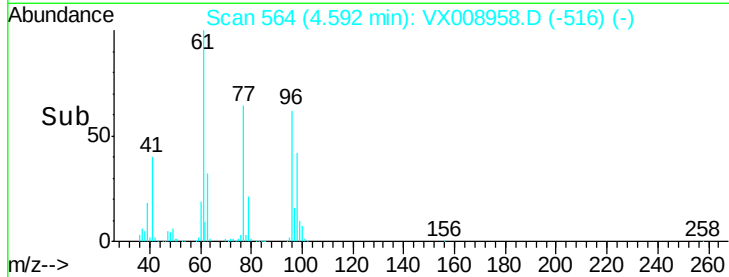
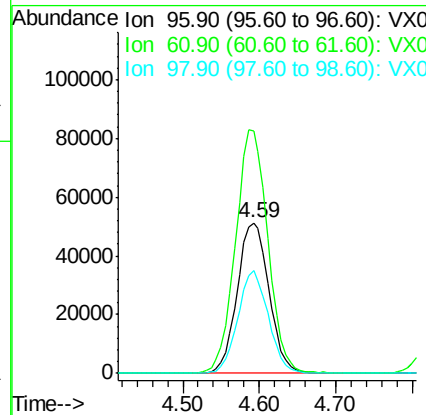
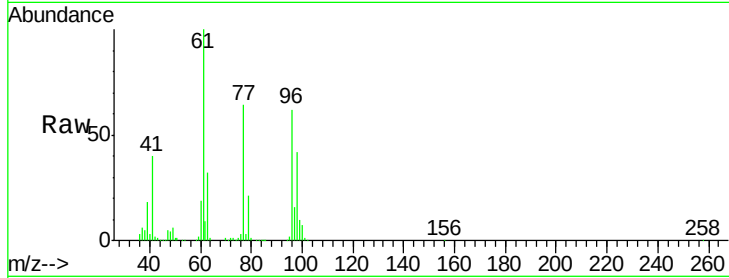
cis-1,2-Dichloroethene
 Concen: 49.582 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion	Ratio	Resp	Lower	Upper
96	100	147607		
61	164.6	0.0	322.0	
98	65.6	0.0	128.4	

Manual Integrations
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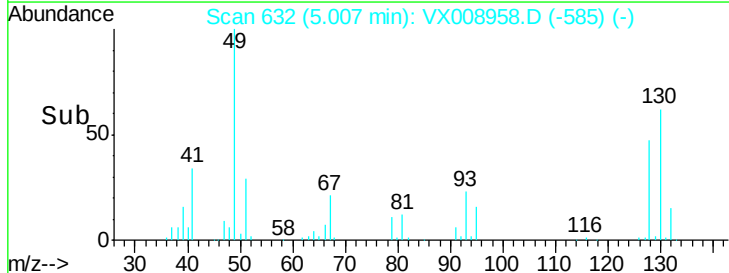
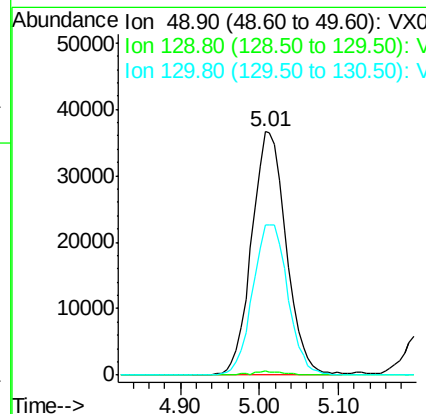
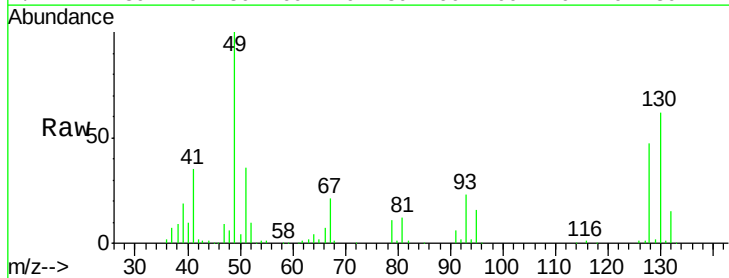
MMDadoda
 4/16/2019 10:53:17 AM

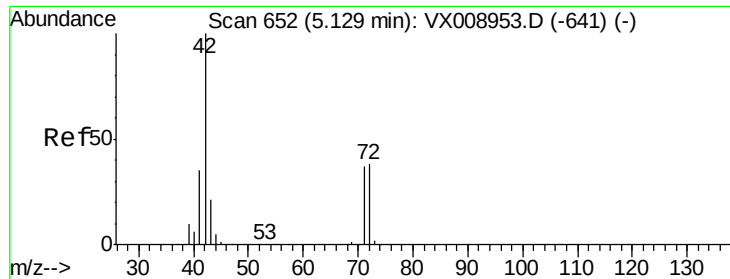


#28

Bromochloromethane
 Concen: 51.395 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111564		
129	1.6	0.0	3.6	
130	63.1	50.4	75.6	





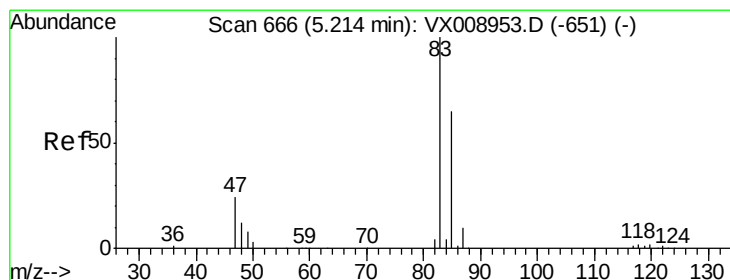
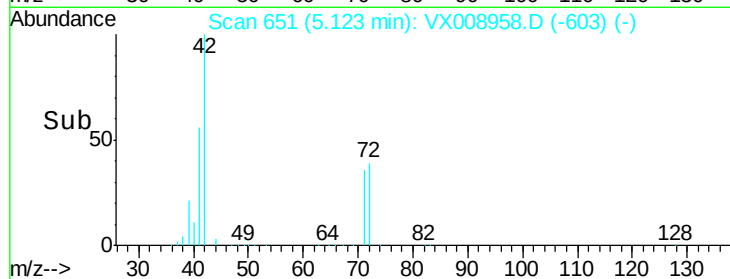
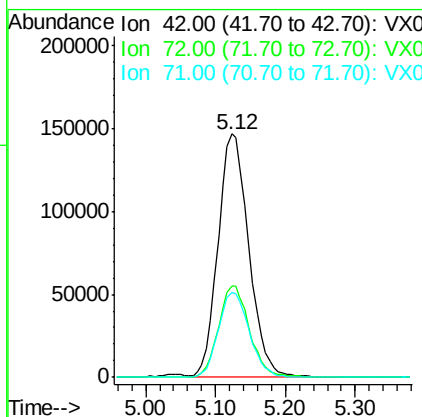
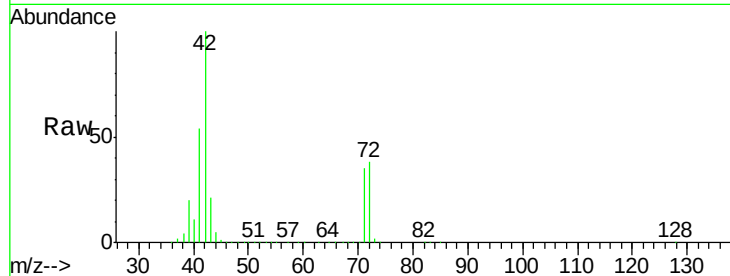
#29
Tetrahydrofuran
Concen: 249.375 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	30.6	45.8
71	35.3	28.8	43.2

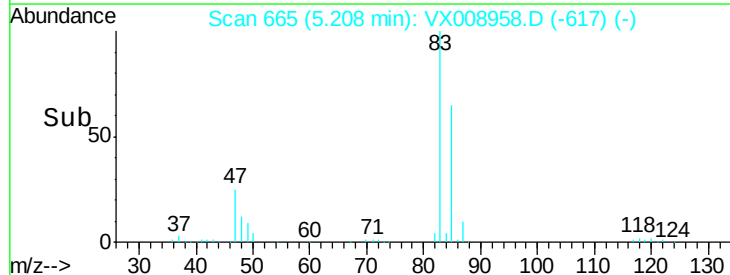
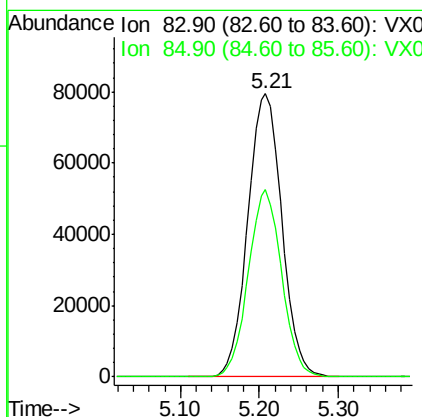
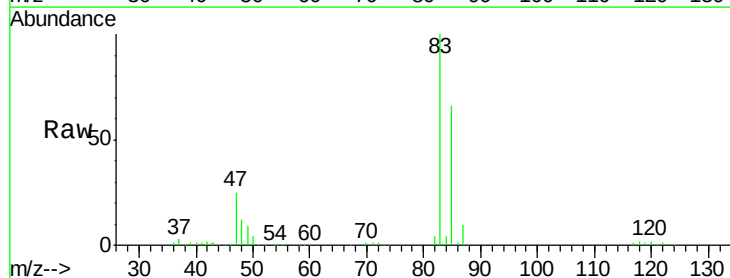
Manual Integrations
APPROVED

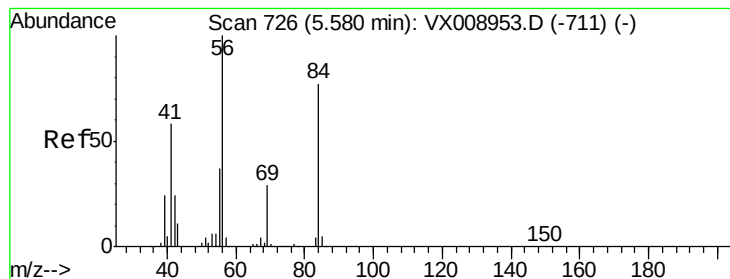
MMDadoda
4/16/2019 10:53:17 AM



#30
Chloroform
Concen: 51.020 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.9	77.9





#31

Cyclohexane

Concen: 52.705 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

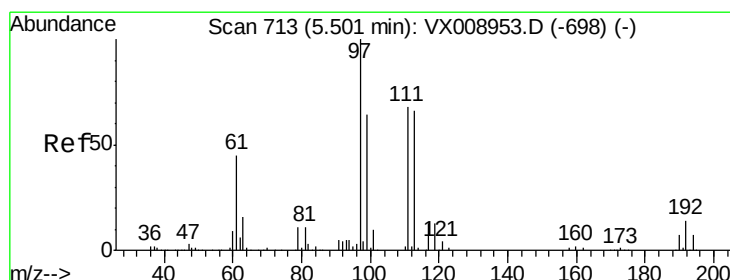
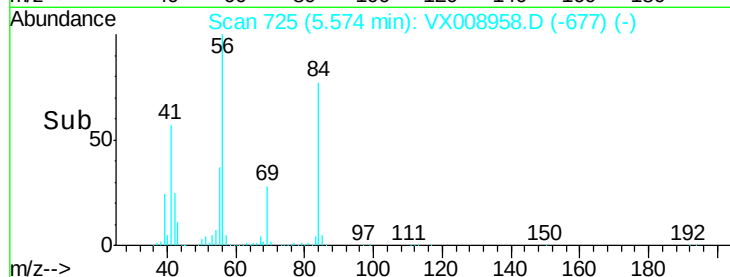
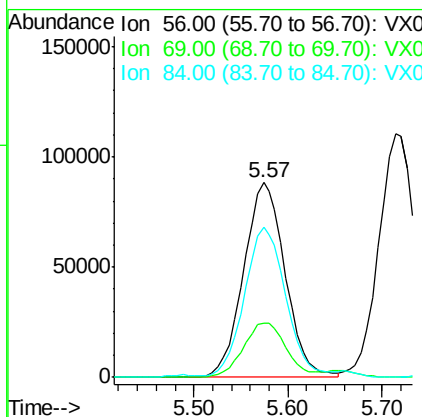
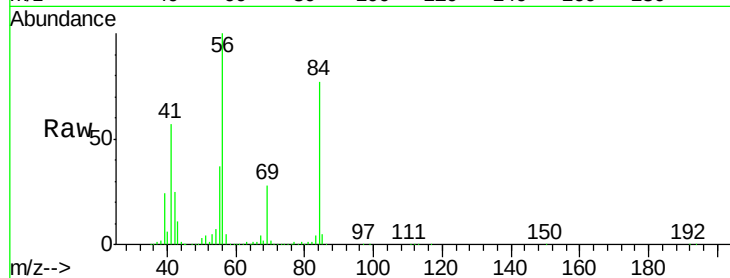
ClientSampleId :

ICVX041519

Tot Ion:	56	Resp:	271197
Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.3	34.9
84	76.2	61.7	92.5

Manual Integrations
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MMDadoda
4/16/2019 10:53:17 AM



#32

1,1,1-Trichloroethane

Concen: 51.526 ug/l

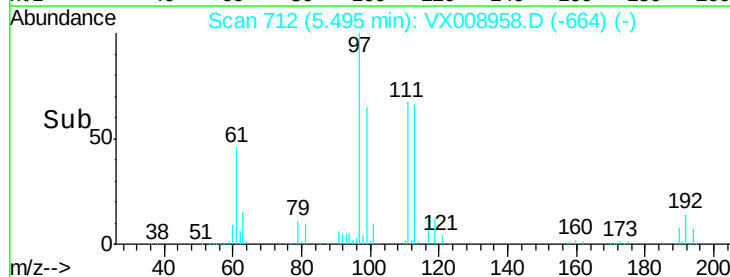
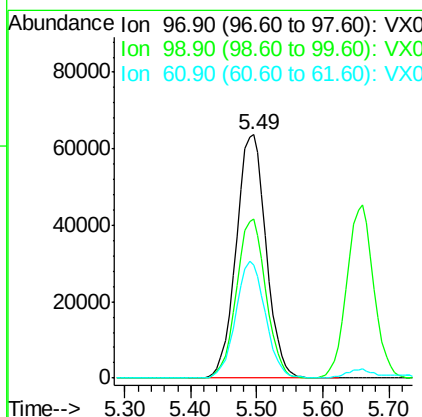
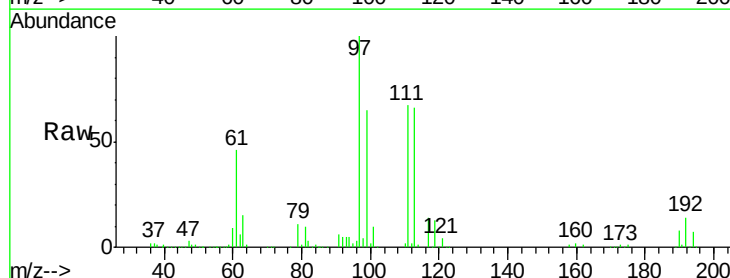
RT: 5.49 min Scan# 712

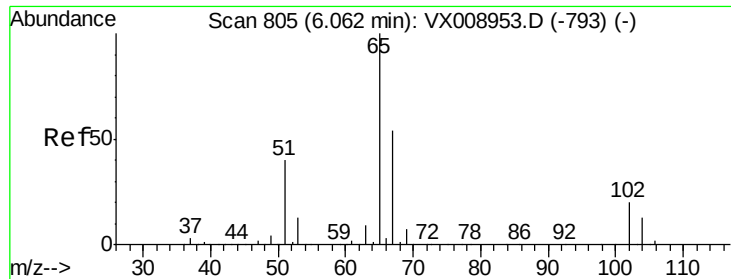
Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion:	97	Resp:	199927
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	47.6	37.9	56.9





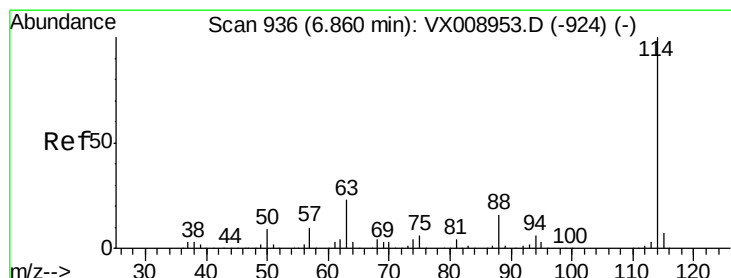
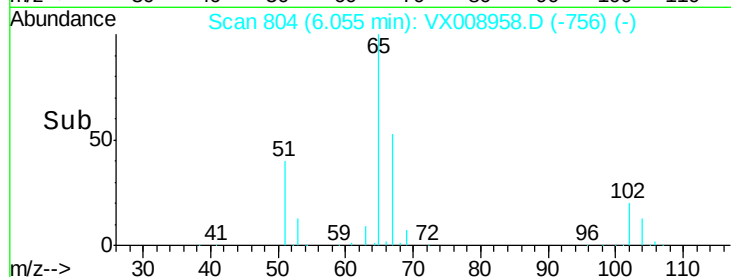
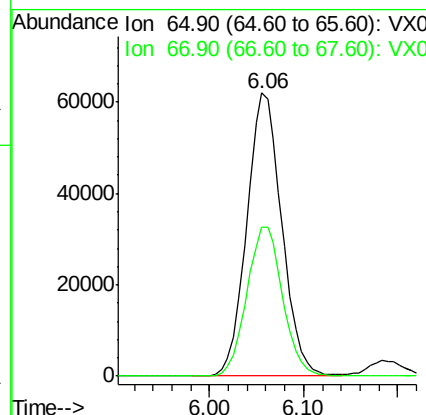
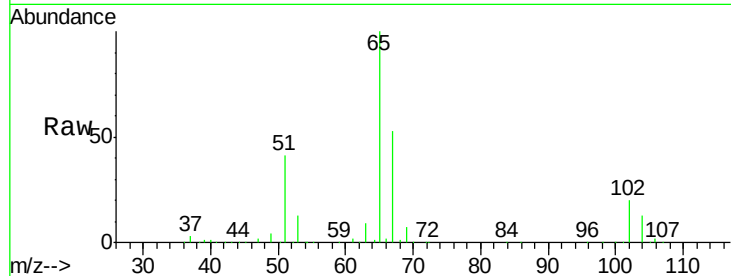
#33
 1,2-Dichloroethane-d4
 Concen: 49.937 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161327		
67	54.1	0.0	108.6	

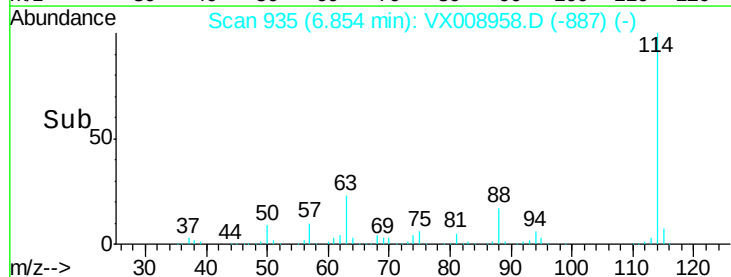
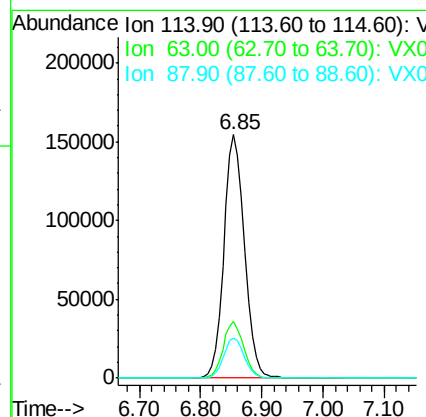
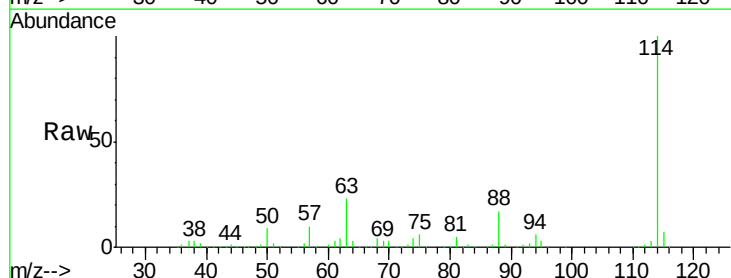
Manual Integrations
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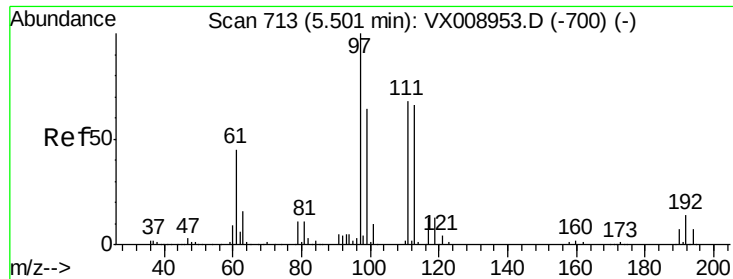
MMDadoda
 4/16/2019 10:53:17 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	362061		
63	23.2	0.0	46.0	
88	16.6	0.0	32.6	





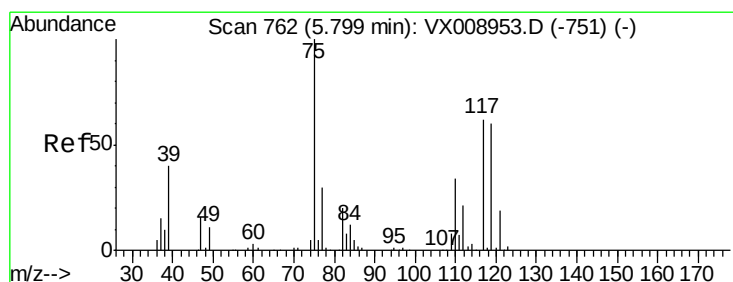
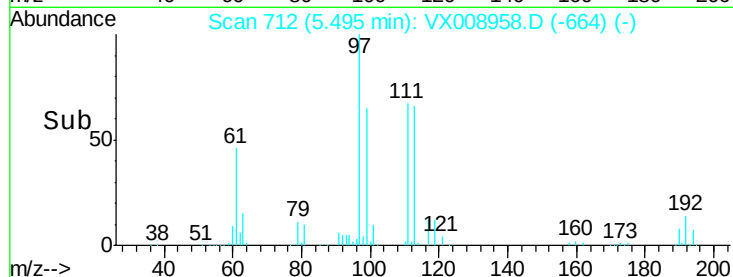
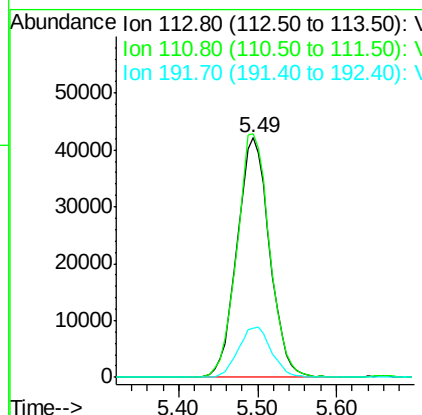
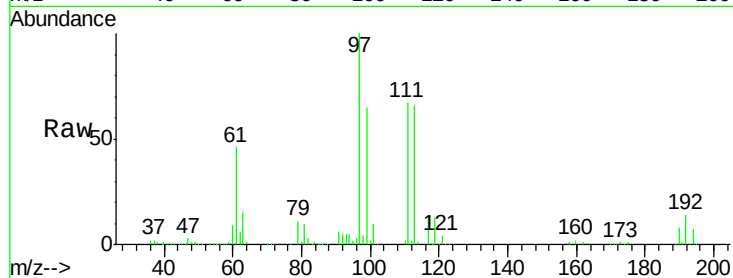
#35
 Dibromofluoromethane
 Concen: 51.968 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120755		
111	102.3	82.9	124.3	
192	21.3	17.4	26.0	

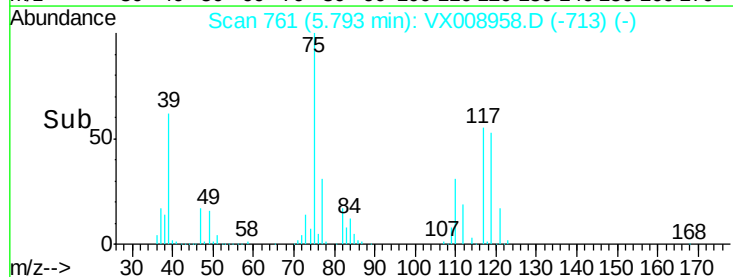
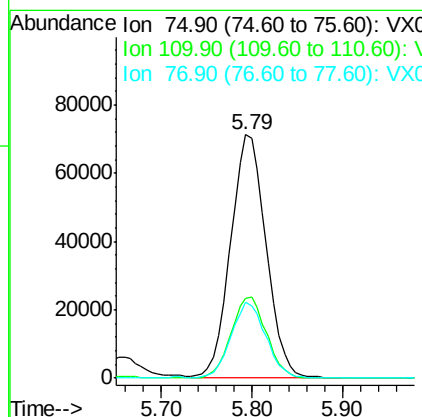
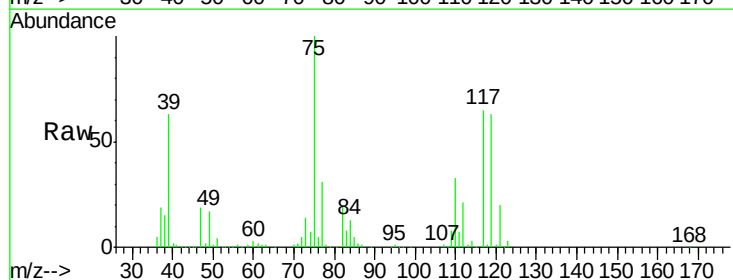
Manual Integrations
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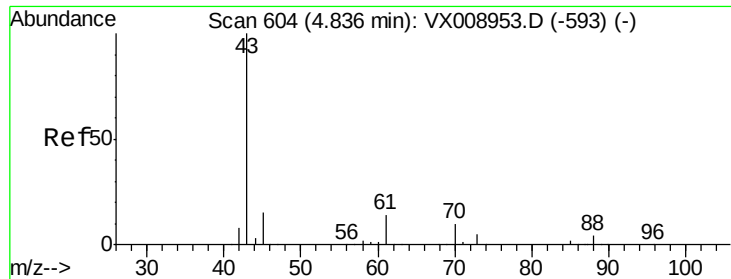
MMDadoda
 4/16/2019 10:53:17 AM



#36
 1,1-Dichloropropene
 Concen: 51.466 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192713		
110	33.4	16.9	50.7	
77	30.7	25.0	37.4	





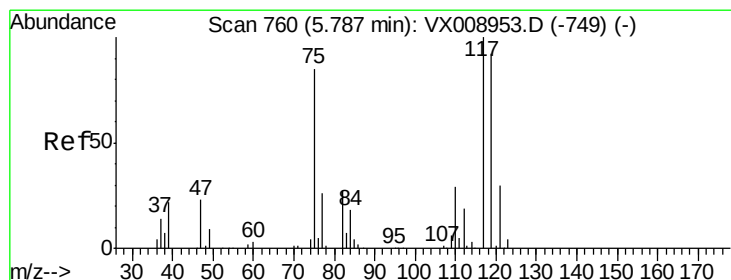
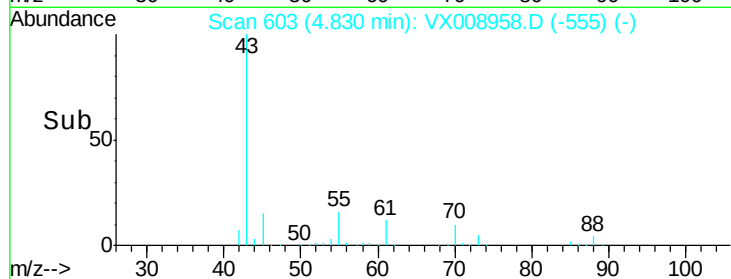
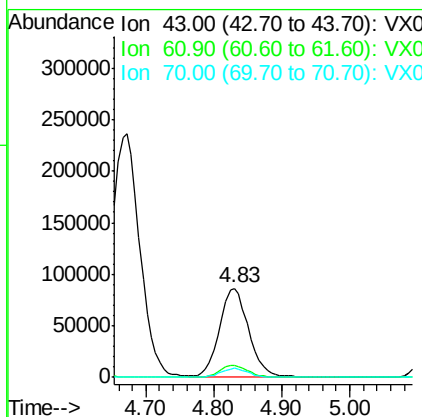
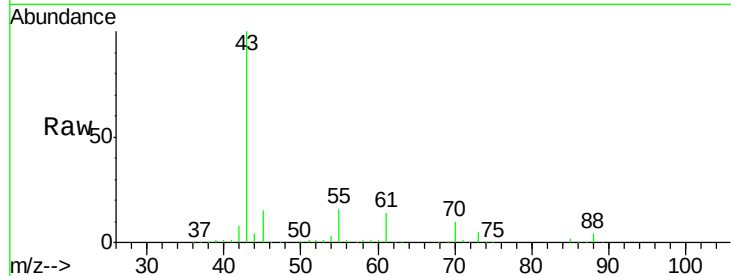
#37
Ethyl Acetate
Concen: 53.248 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	15.8
70	9.5	7.7	11.5

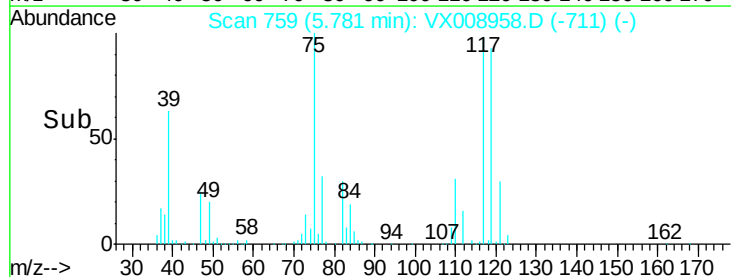
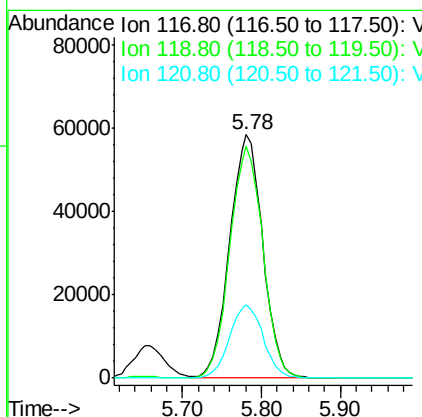
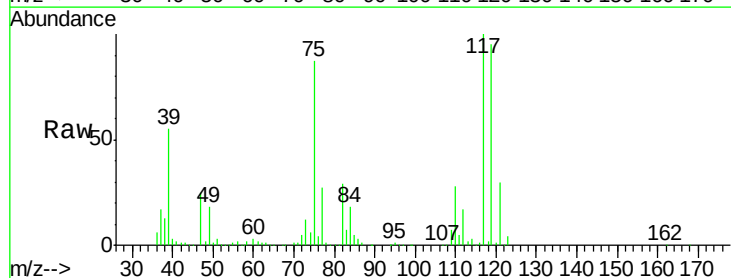
Manual Integrations
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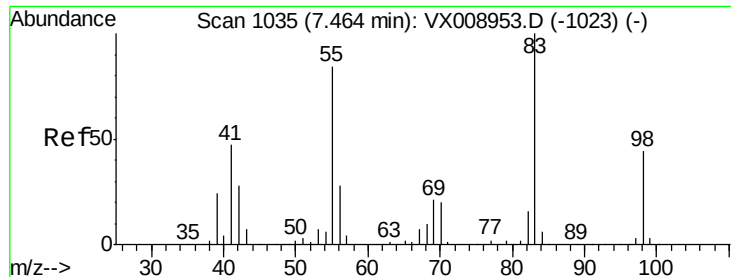
MMDadoda
4/16/2019 10:53:17 AM



#38
Carbon Tetrachloride
Concen: 53.511 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	73.8	110.8
121	30.0	23.6	35.4





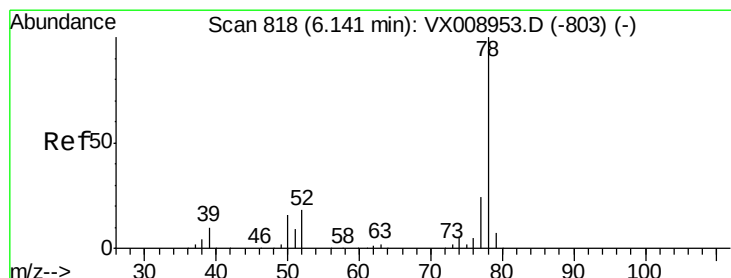
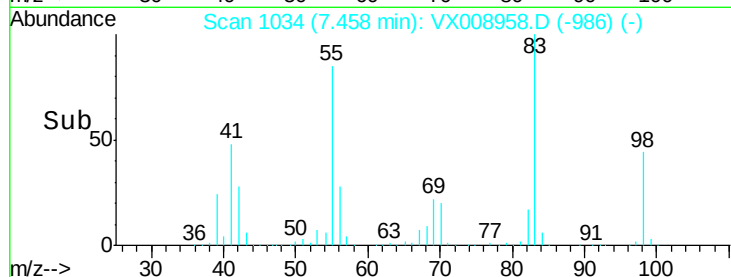
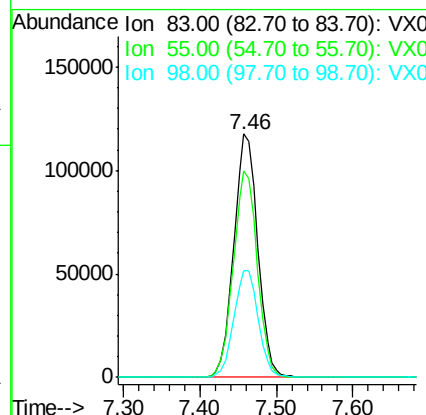
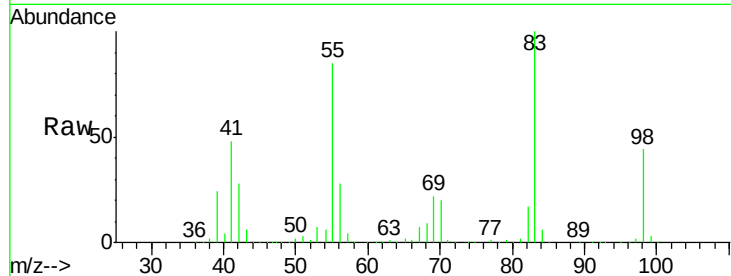
#39
Methylvlcyclohexane
Concen: 55.894 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	85.0	67.1	100.7	
98	44.1	35.1	52.7	

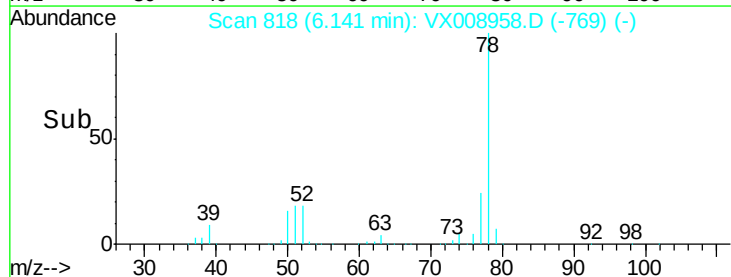
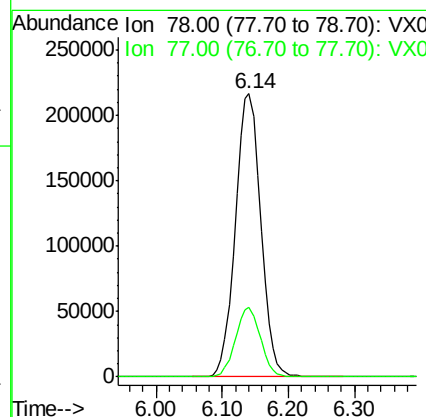
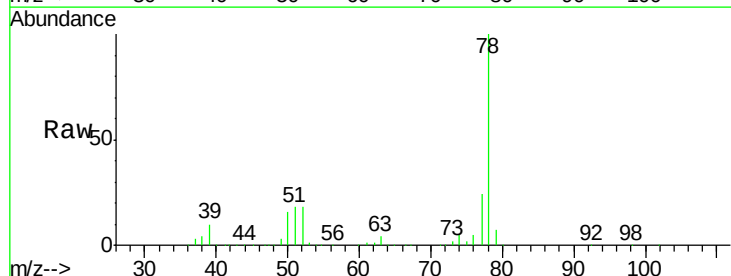
Manual Integrations
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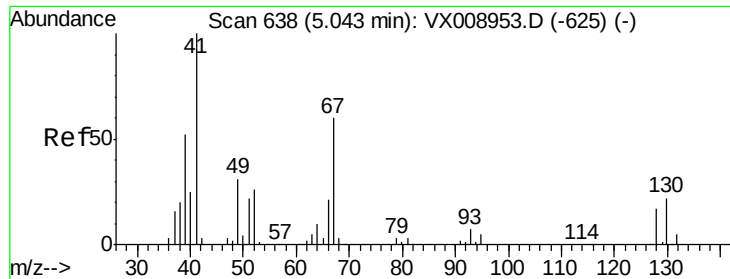
MMDadoda
4/16/2019 10:53:17 AM



#40
Benzene
Concen: 52.167 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.4	19.0	28.6	





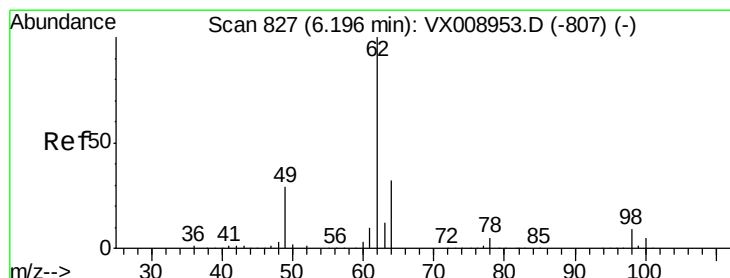
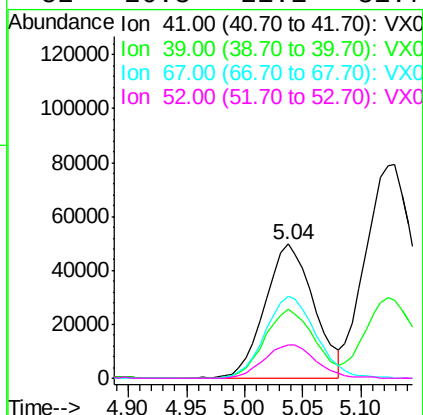
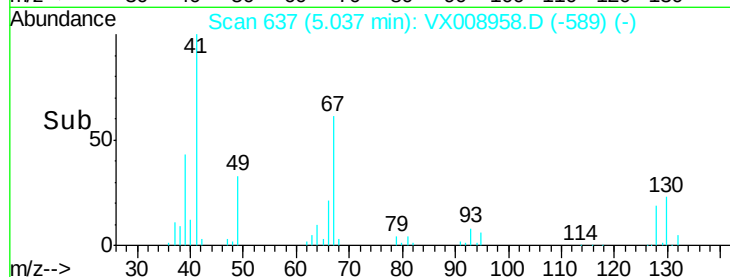
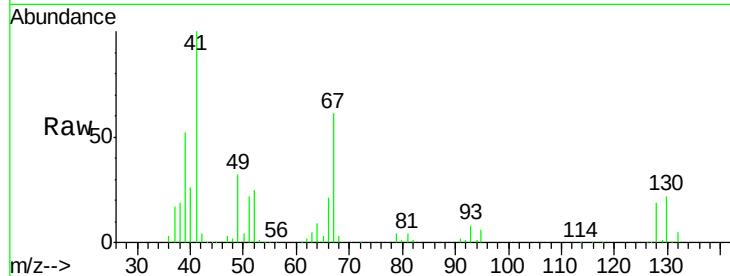
#41
Methacrylonitrile
Concen: 52.364 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.2	41.8	62.6	
67	63.7	50.2	75.4	
52	26.3	21.1	31.7	

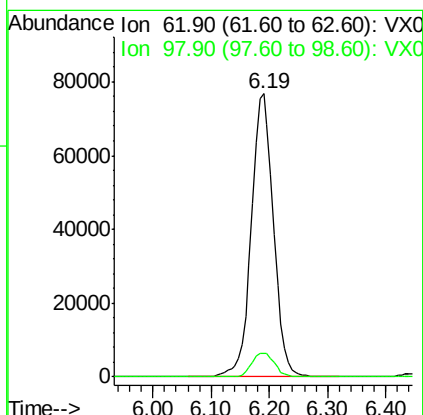
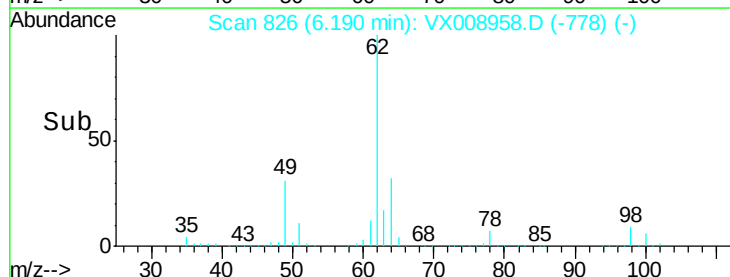
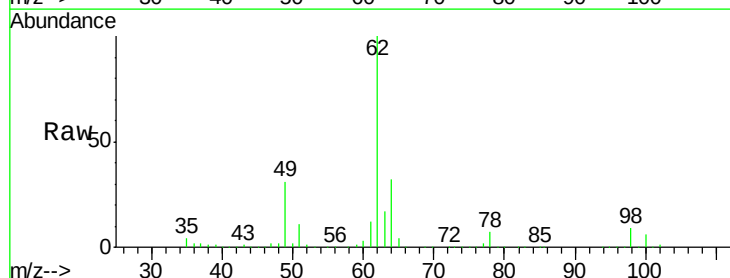
Manual Integrations
APPROVED

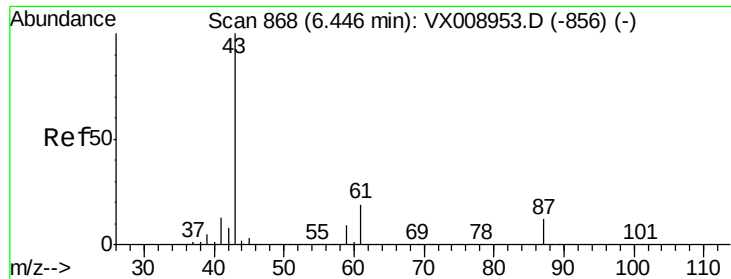
MMDadoda
4/16/2019 10:53:17 AM



#42
1,2-Dichloroethane
Concen: 51.790 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.4	





#43

Isopropyl Acetate

Concen: 52.889 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

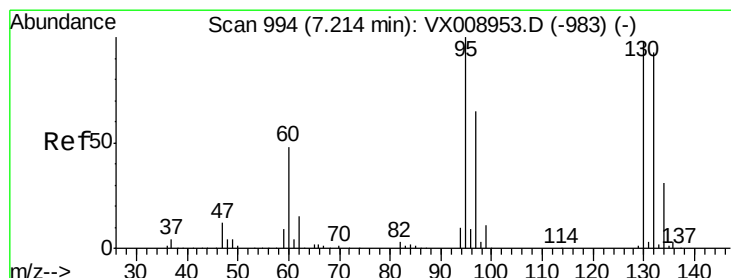
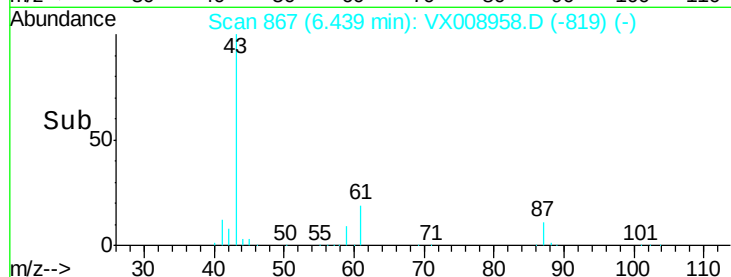
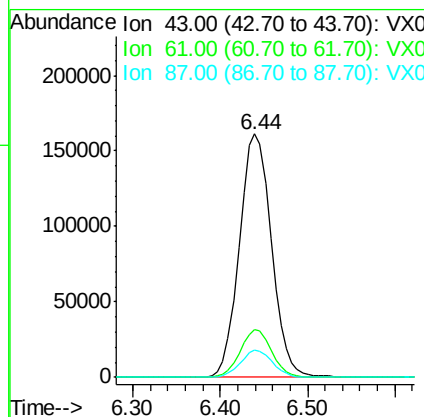
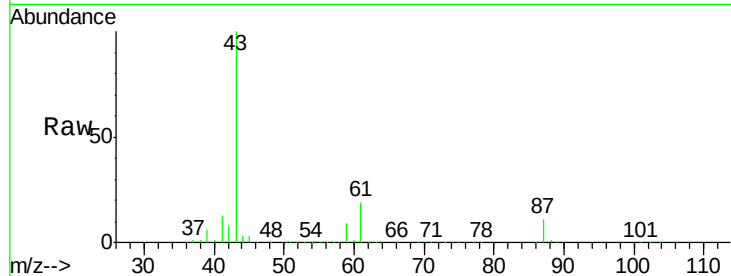
ClientSampleId :

ICVVX041519

Tot Ion:	43	Resp:	410670
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	11.2	9.0	13.4

Manual Integrations
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MMDadoda
4/16/2019 10:53:17 AM



#44

Trichloroethene

Concen: 51.366 ug/l

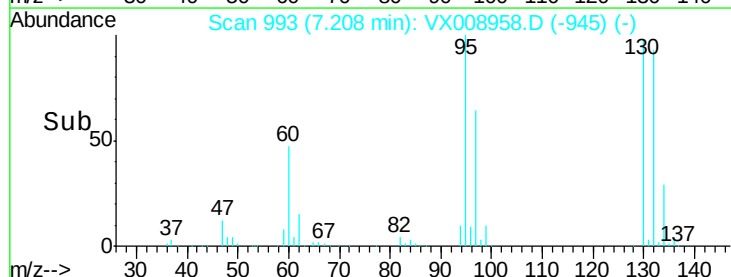
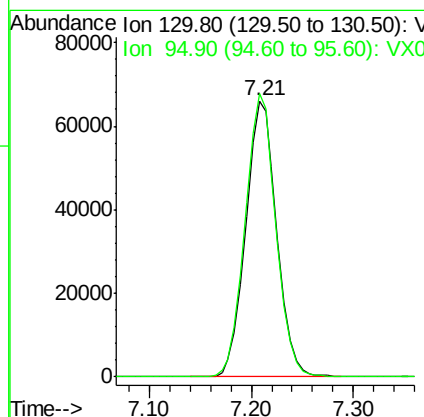
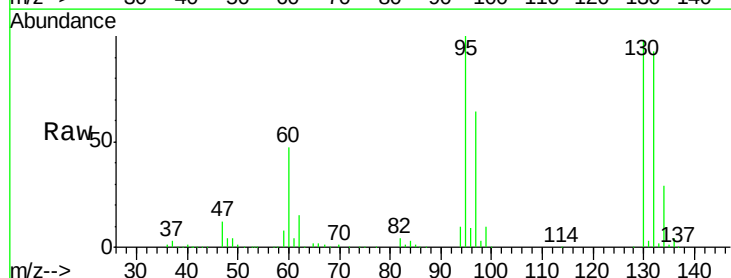
RT: 7.21 min Scan# 993

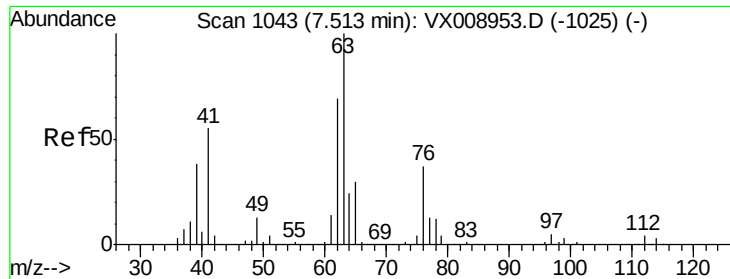
Delta R.T. -0.01 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion:	130	Resp:	139029
Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	203.2





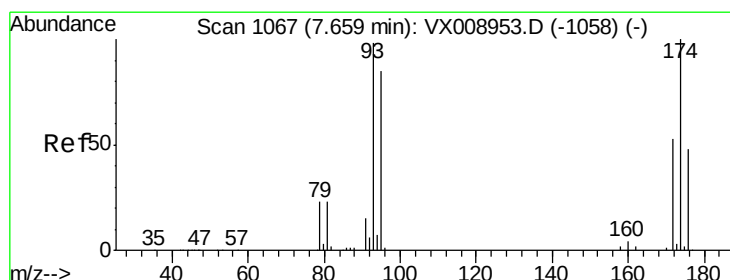
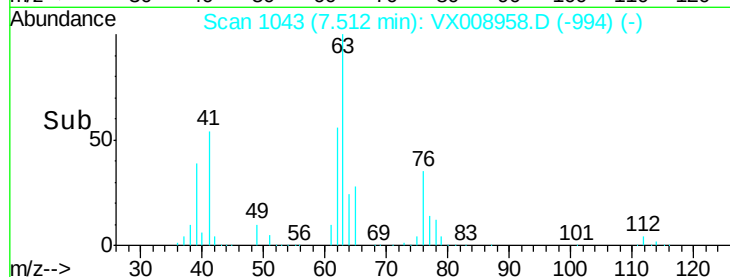
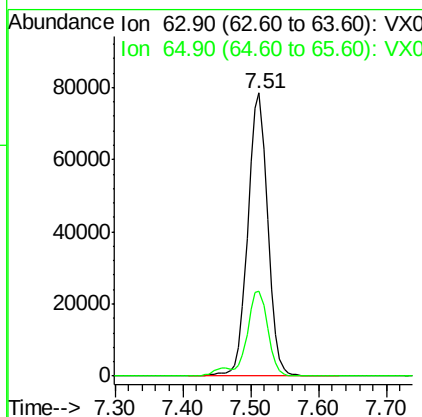
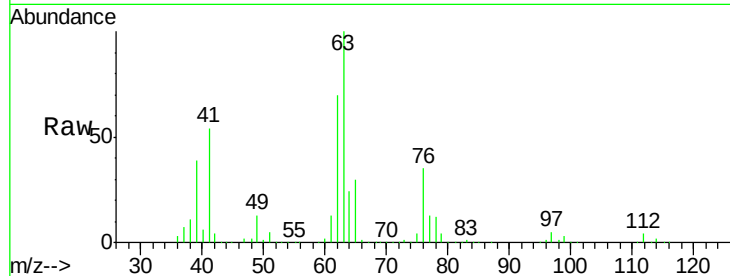
#45
 1,2-Dichloropropane
 Concen: 52.288 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion: 63 Resp: 160240
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.1 36.1

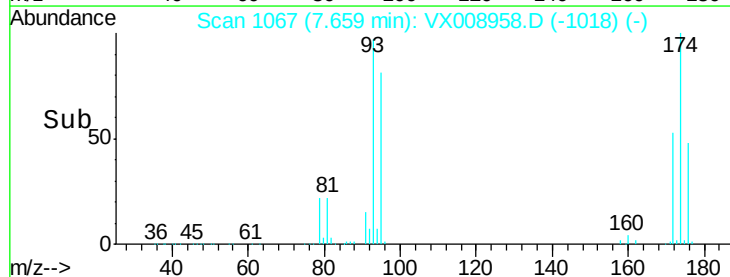
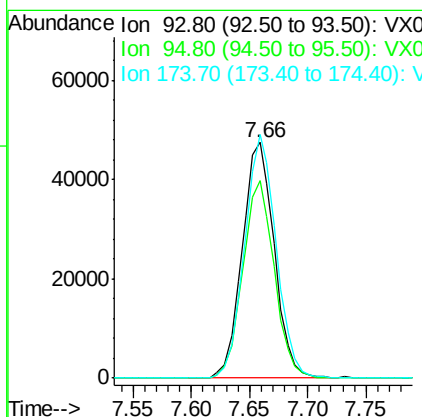
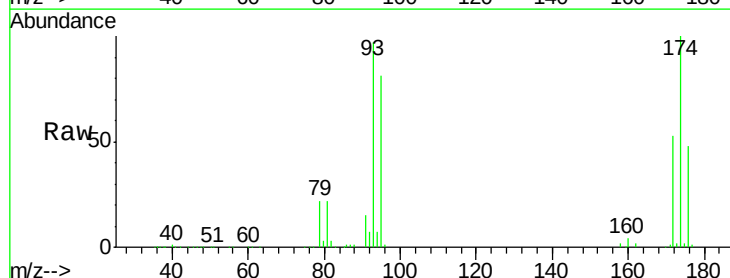
Manual Integrations
 APPROVED

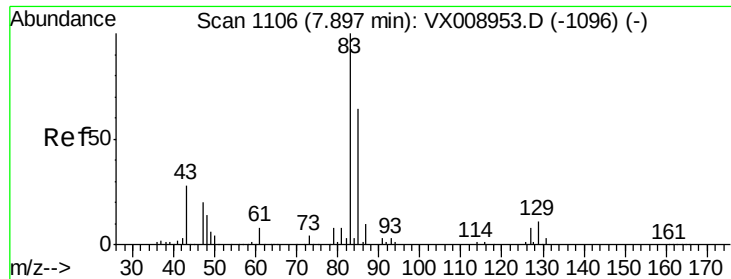
MMDadoda
 4/16/2019 10:53:17 AM



#46
 Dibromomethane
 Concen: 51.318 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion: 93 Resp: 91526
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.0 100.4
 174 101.8 81.6 122.4





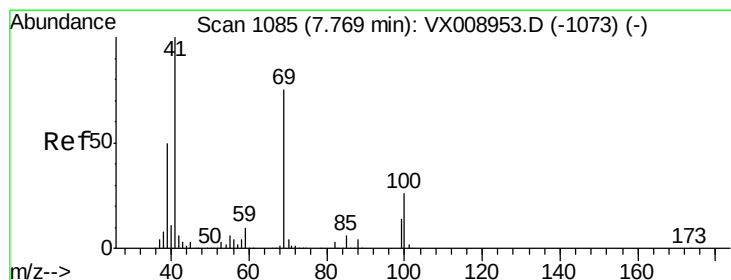
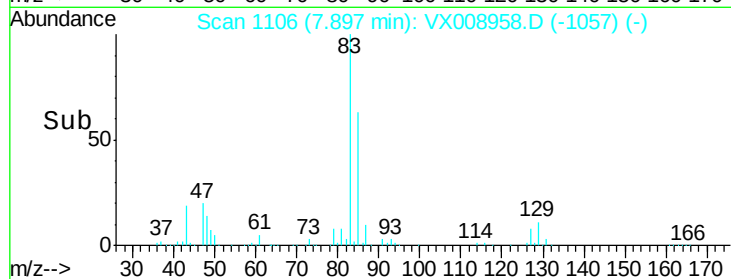
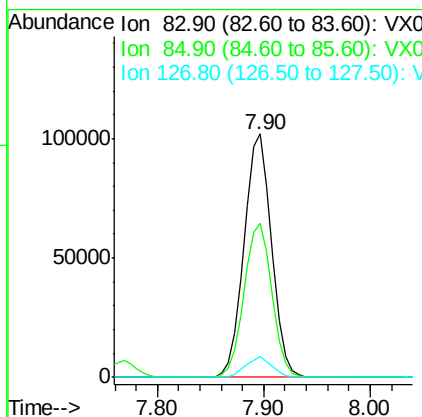
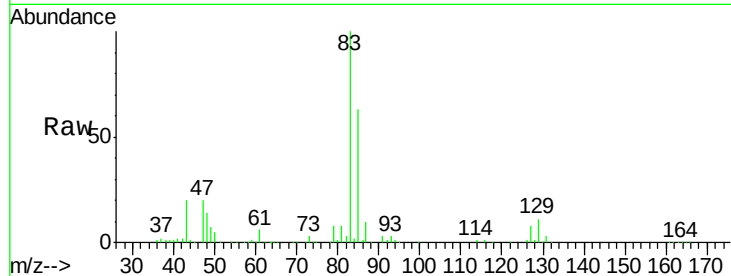
#47
 Bromodichloromethane
 Concen: 52.987 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX041519

Tot Ion	83	Resp	185356
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	50.8	76.2
127	8.4	6.4	9.6

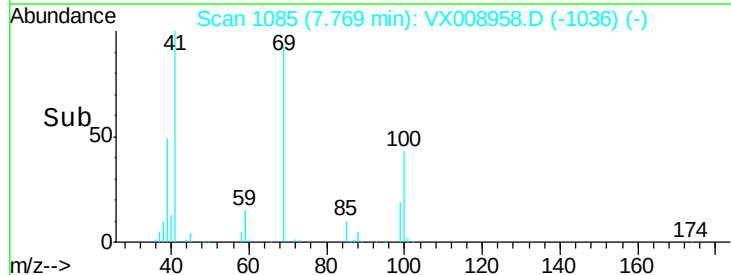
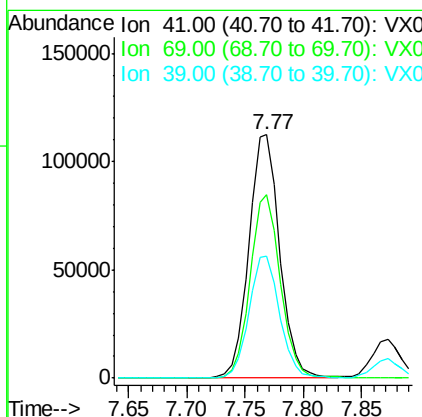
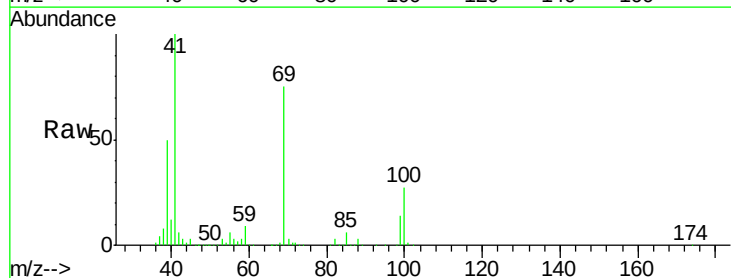
Manual Integrations
 APPROVED

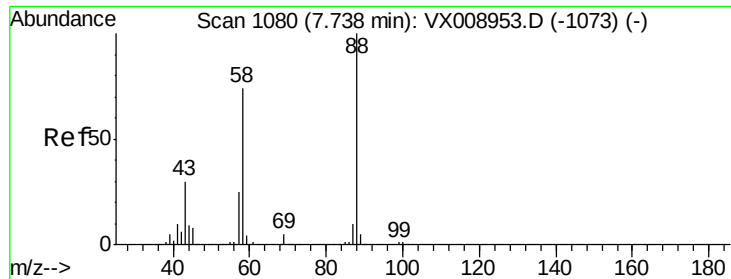
MMDadoda
 4/16/2019 10:53:17 AM



#48
 Methyl methacrylate
 Concen: 53.859 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	41	Resp	206636
Ion Ratio	100	Lower	Upper
41	100		
69	74.1	59.4	89.2
39	49.9	39.8	59.6





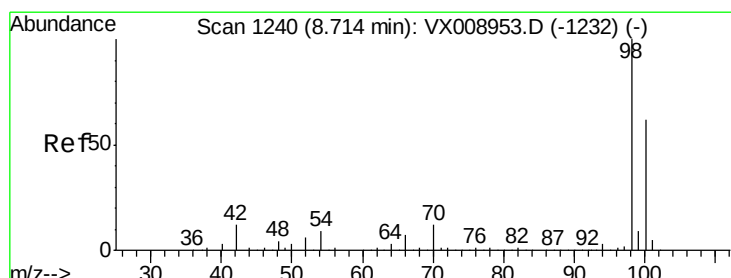
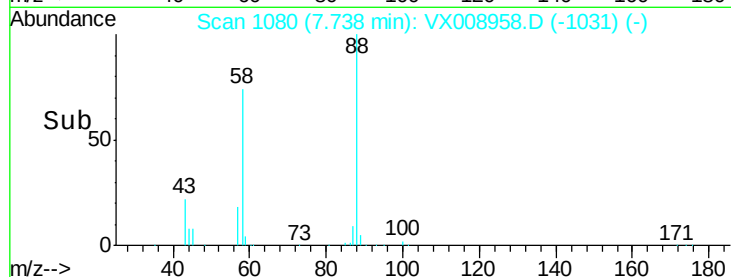
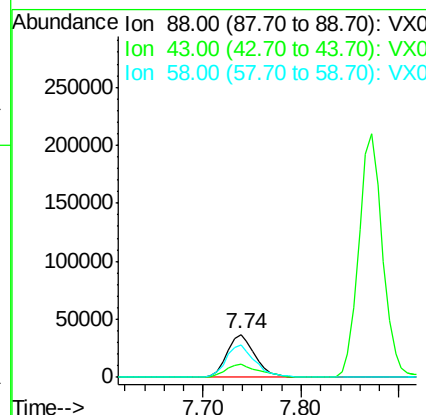
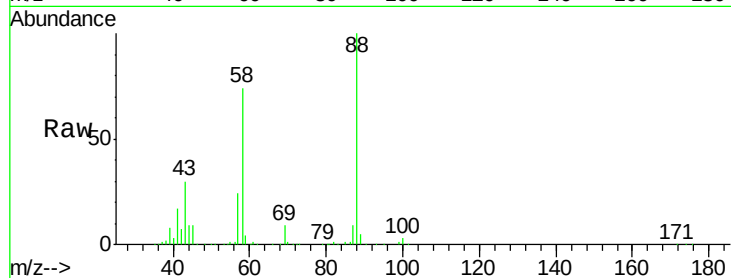
#49
1,4-Dioxane
Concen: 1008.192 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion	88	Resp	72398
Ion	Ratio	Lower	Upper
88	100		
43	38.2	29.3	43.9
58	79.4	62.6	93.8

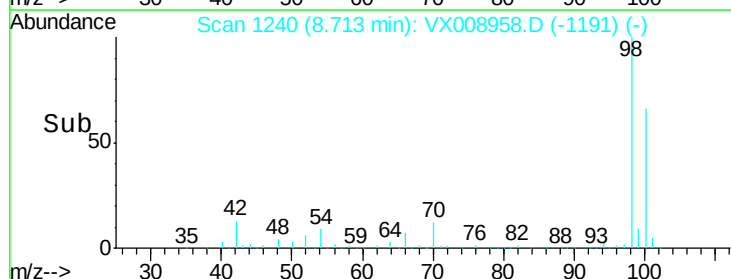
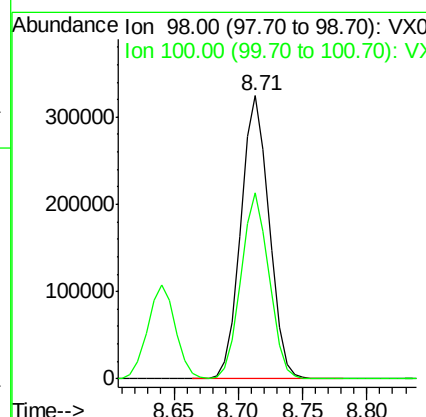
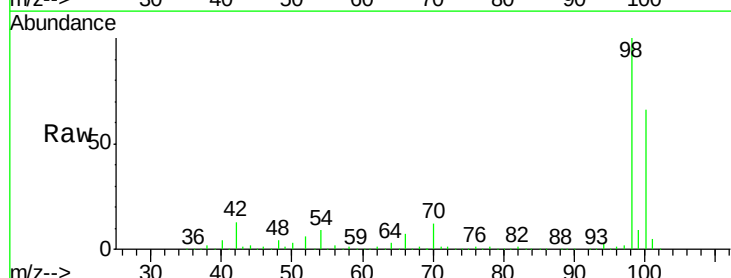
Manual Integrations
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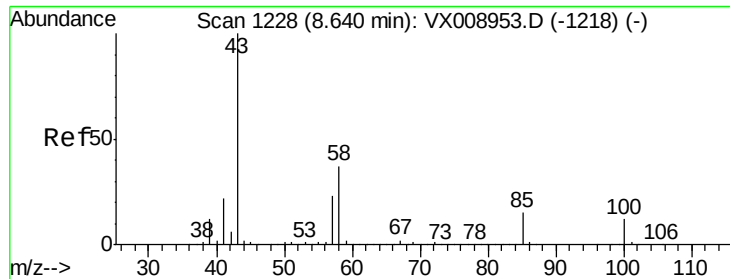
MMDadoda
4/16/2019 10:53:17 AM



#50
Toluene-d8
Concen: 53.331 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion	98	Resp	494203
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 260.925 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 43 Resp: 1290721

Ion Ratio Lower Upper

43 100

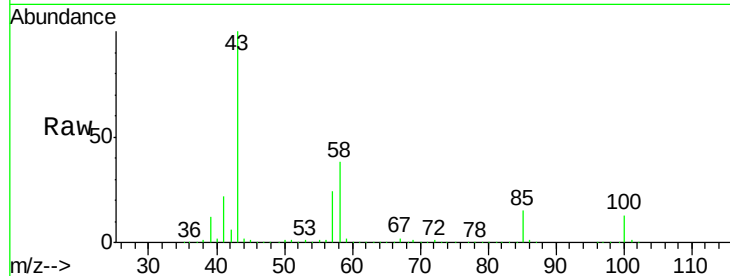
58 37.3 29.8 44.6

Manual Integrations

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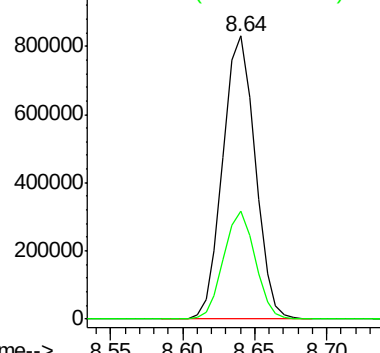
MMDadoda

4/16/2019 10:53:17 AM

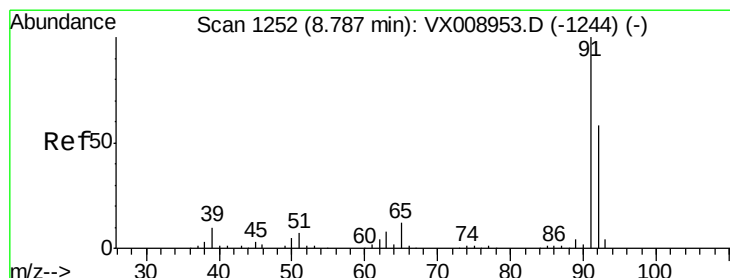
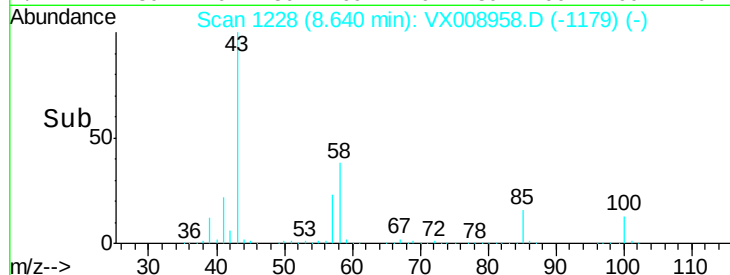


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 52.489 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008958.D

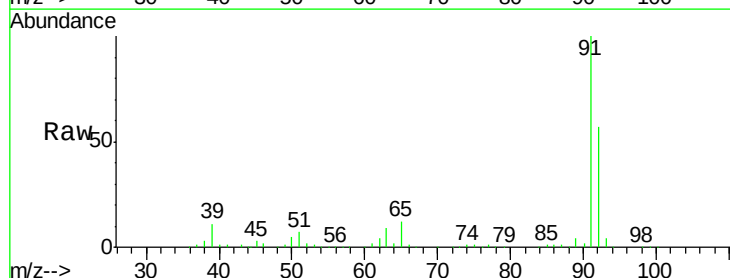
Acq: 15 Apr 2019 13:49

Tgt Ion: 92 Resp: 347495

Ion Ratio Lower Upper

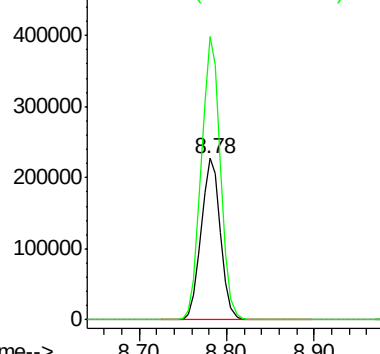
92 100

91 174.0 138.5 207.7

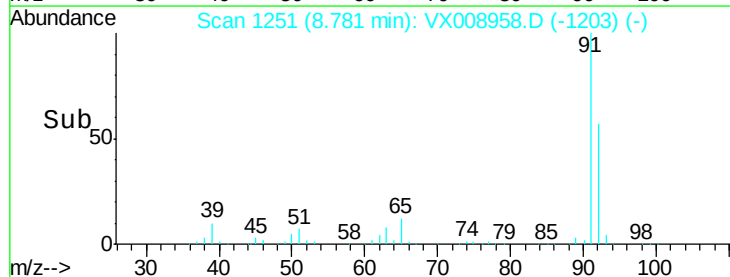


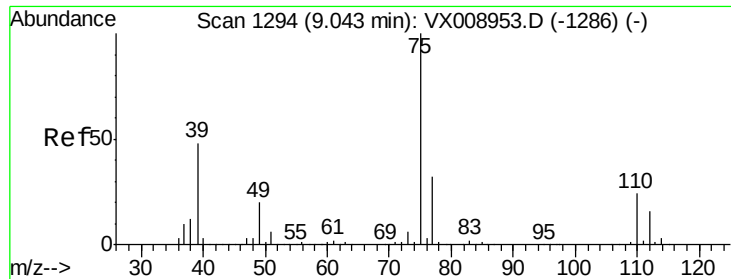
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





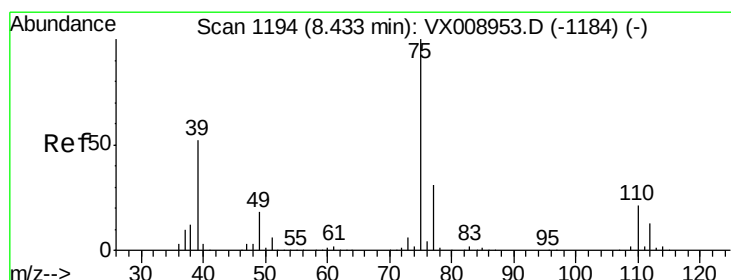
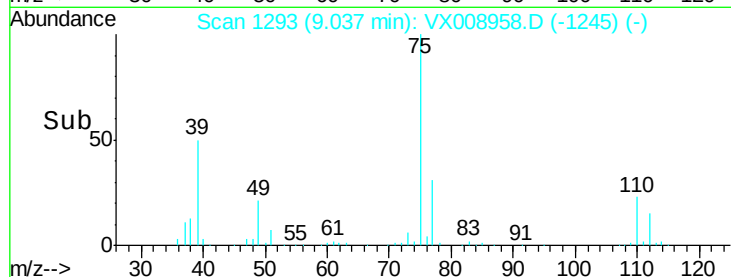
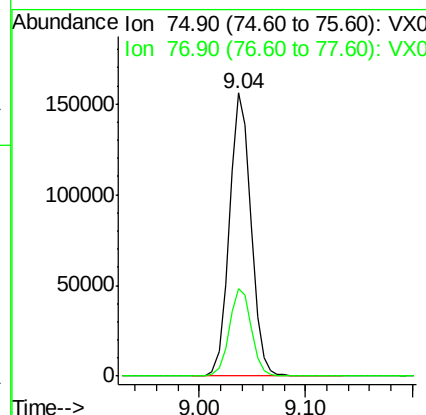
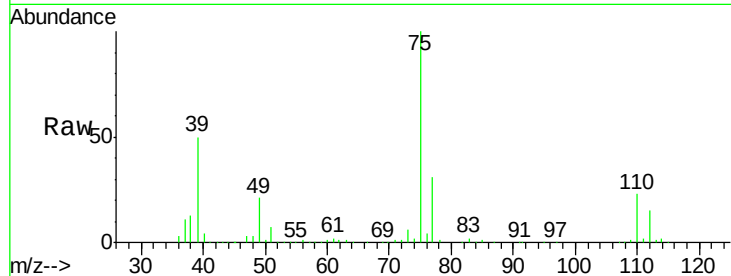
#53
t-1,3-Dichloropropene
Concen: 55.200 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion: 75 Resp: 222226
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

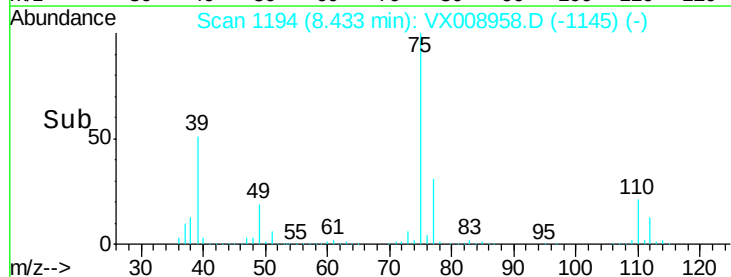
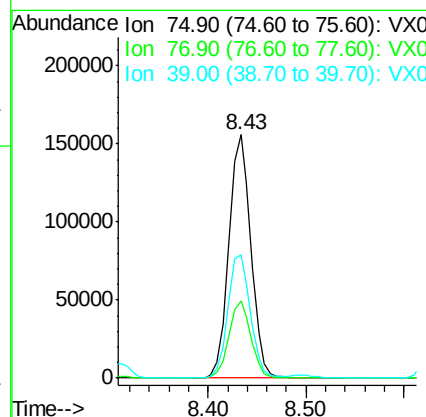
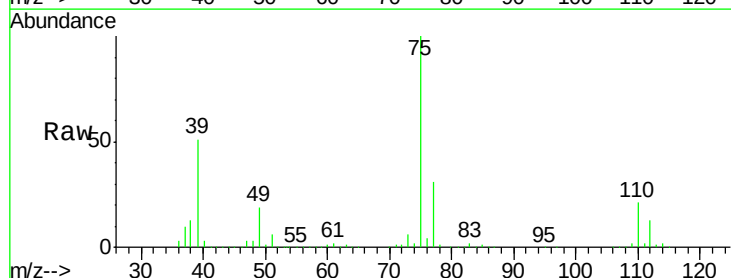
Manual Integrations
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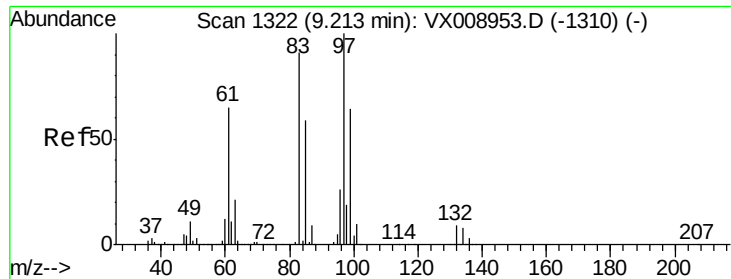
MMDadoda
4/16/2019 10:53:17 AM



#54
cis-1,3-Dichloropropene
Concen: 54.023 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion: 75 Resp: 243526
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 50.6 41.8 62.6





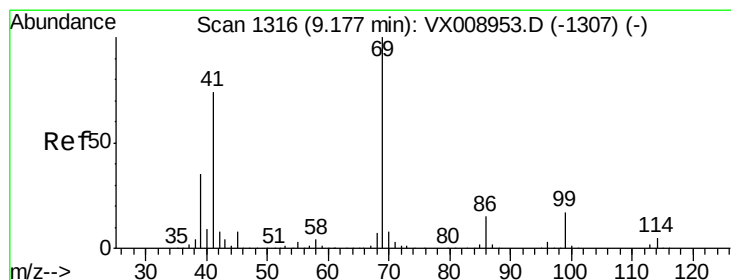
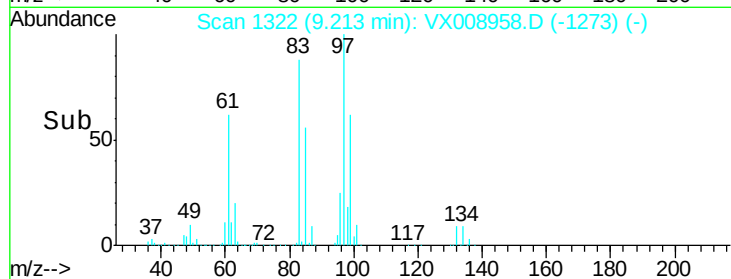
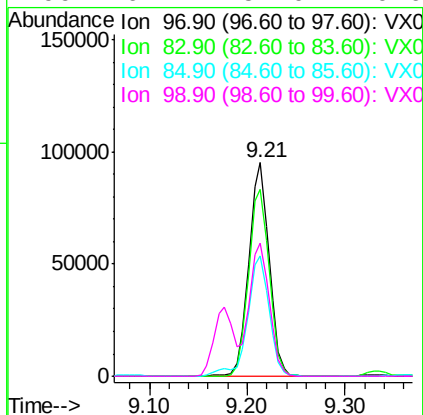
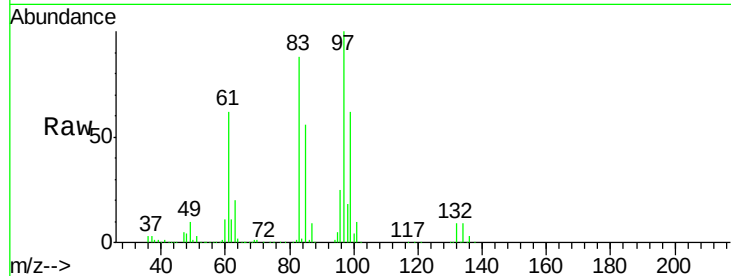
#55
 1,1,2-Trichloroethane
 Concen: 52.353 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		137367		
83	87.6	72.6	108.8		
85	56.1	46.9	70.3		
99	62.4	51.0	76.6		

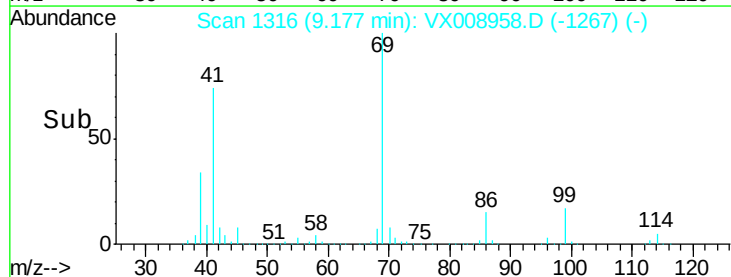
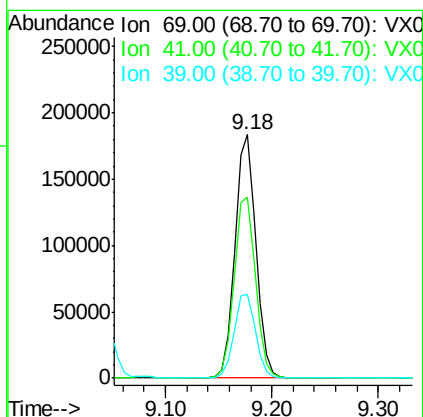
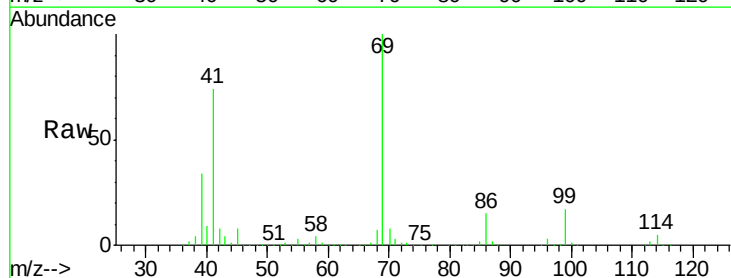
Manual Integrations
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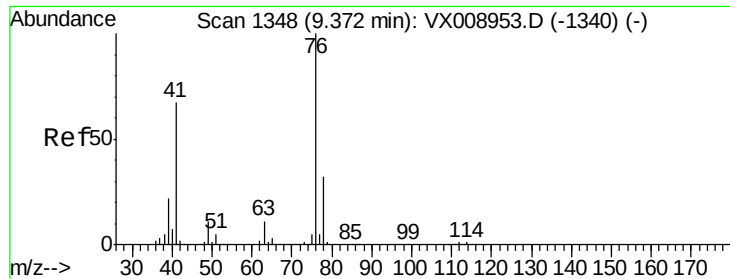
MMDadoda
 4/16/2019 10:53:17 AM



#56
 Ethyl methacrylate
 Concen: 53.893 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		253555		
41	76.0	60.2	90.2		
39	35.4	27.9	41.9		





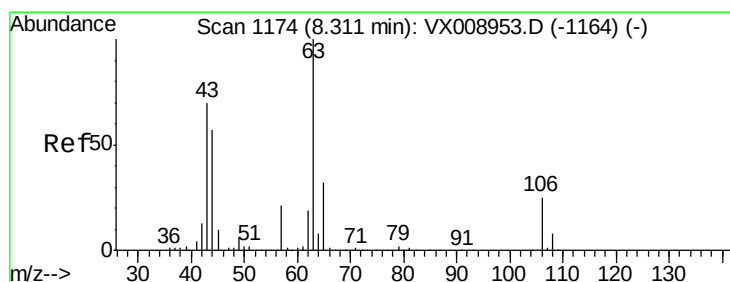
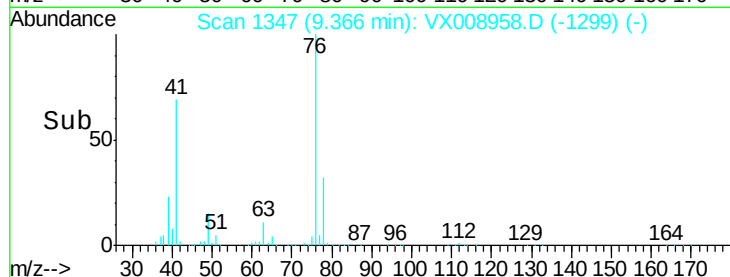
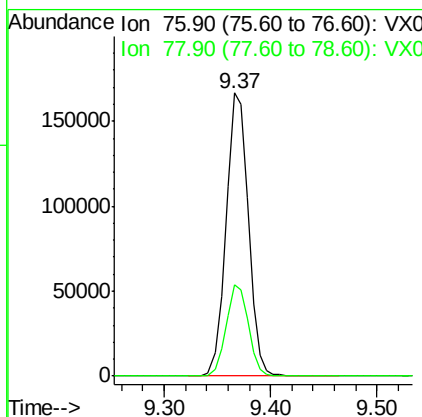
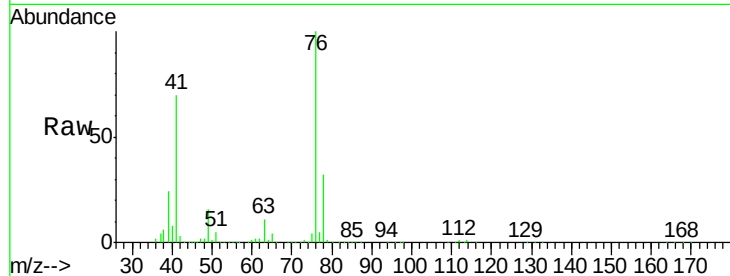
#57
 1,3-Dichloropropane
 Concen: 52.351 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

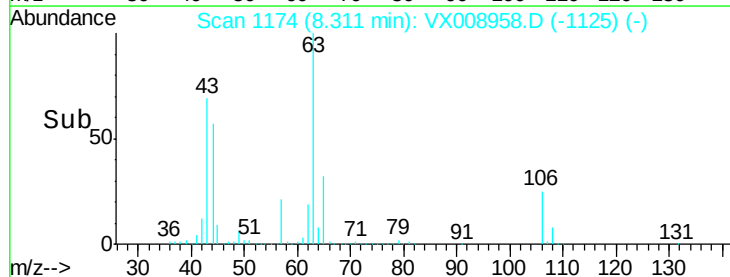
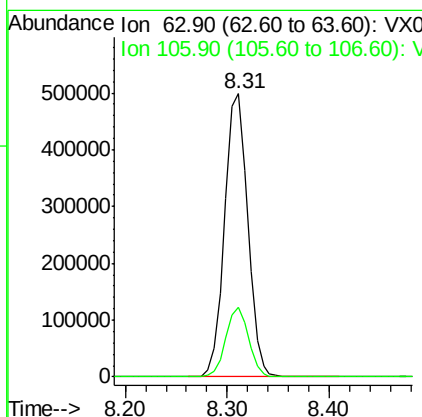
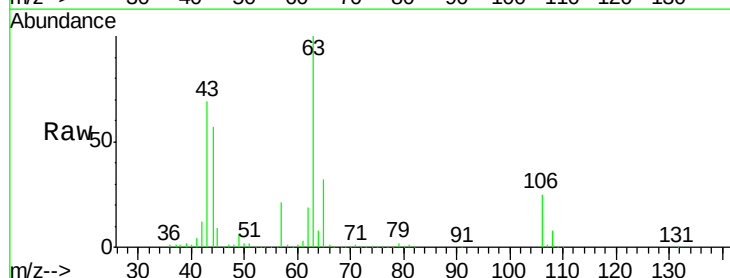
Manual Integrations
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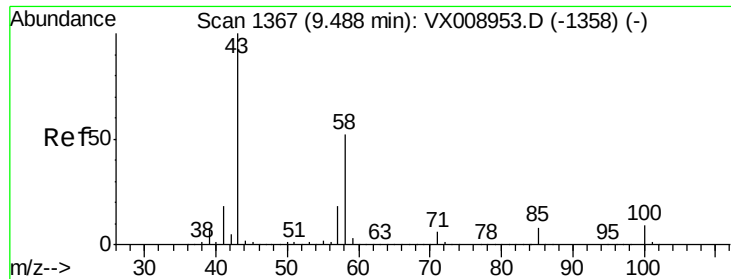
MMDadoda
 4/16/2019 10:53:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 309.917 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.3	19.8	29.6





#59

2-Hexanone

Concen: 258.794 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 43 Resp: 986991

Ion Ratio Lower Upper

43 100

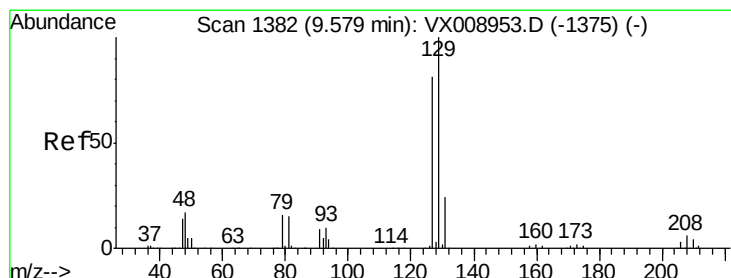
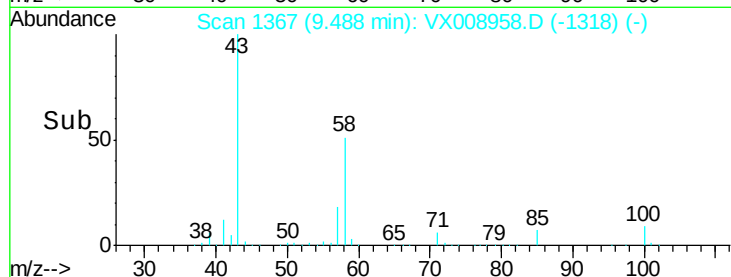
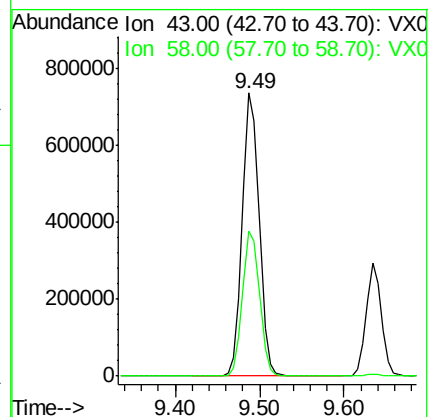
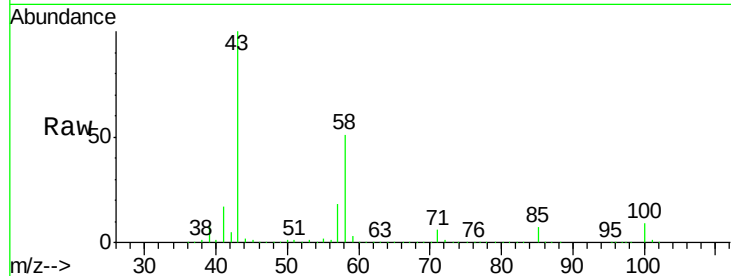
58 51.9 25.9 77.8

Manual Integrations

APPROVED

MMDadoda

4/16/2019 10:53:17 AM



#60

Dibromochloromethane

Concen: 55.037 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008958.D

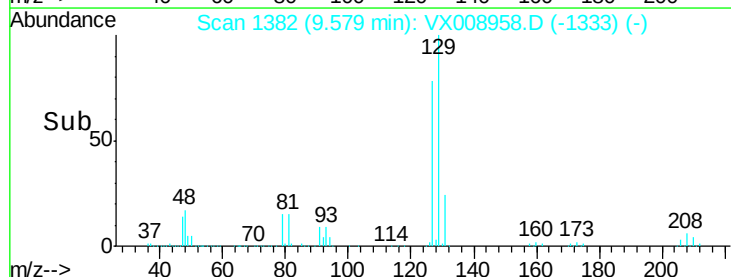
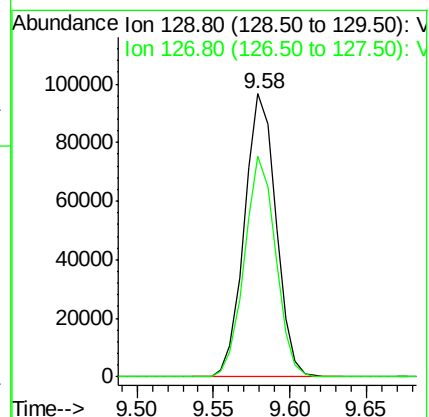
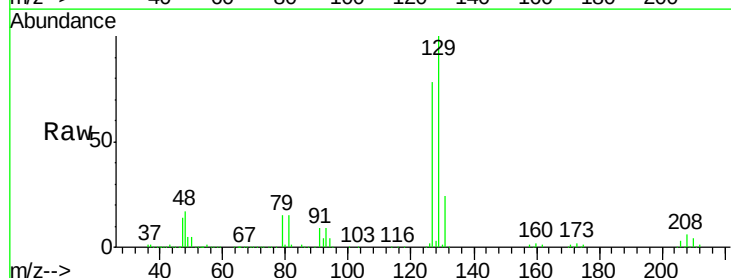
Acq: 15 Apr 2019 13:49

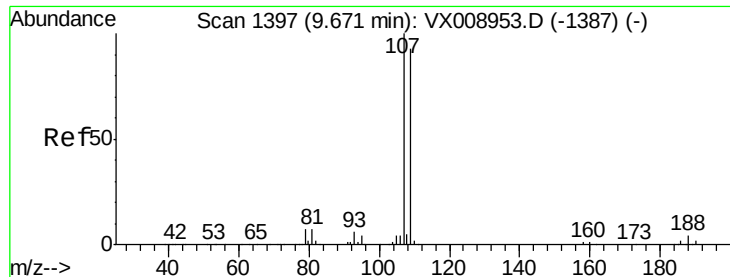
Tgt Ion: 129 Resp: 138402

Ion Ratio Lower Upper

129 100

127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.618 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion:107 Resp: 142492

Ion Ratio Lower Upper

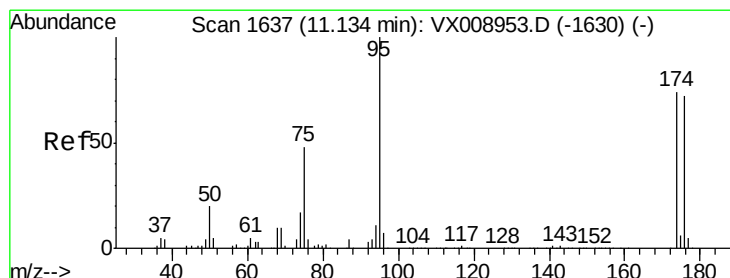
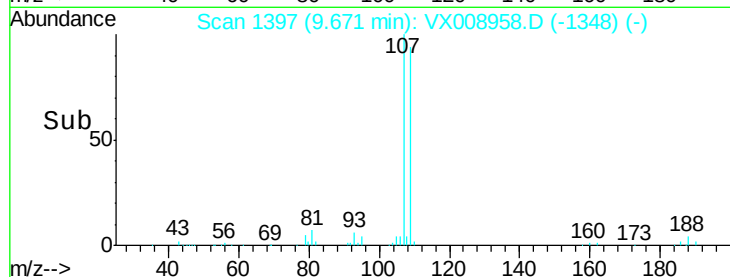
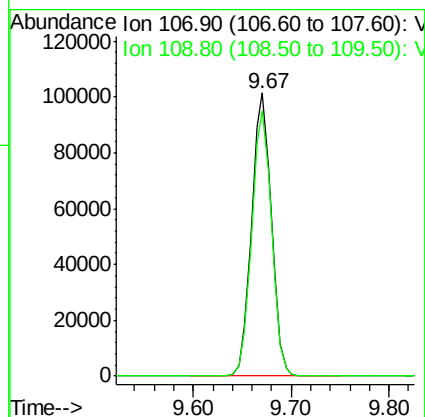
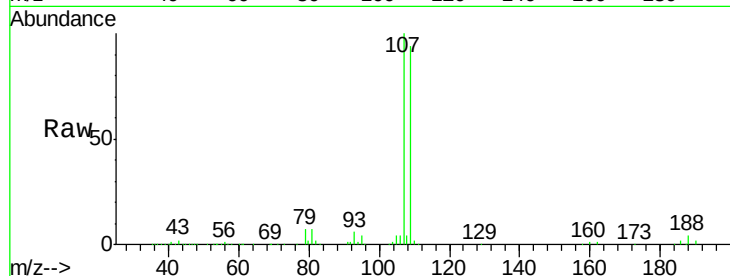
107 100

109 94.4 74.4 111.6

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 54.171 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

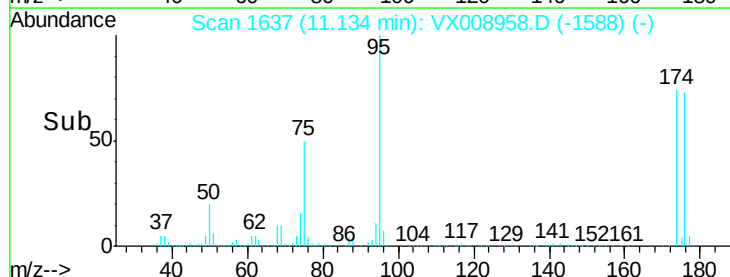
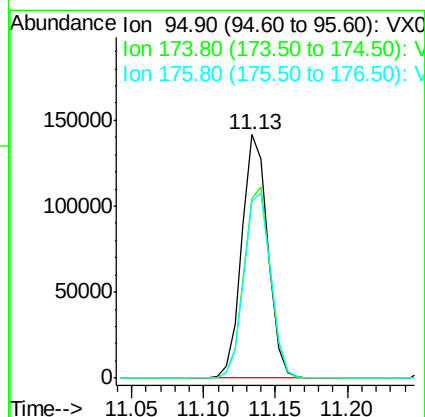
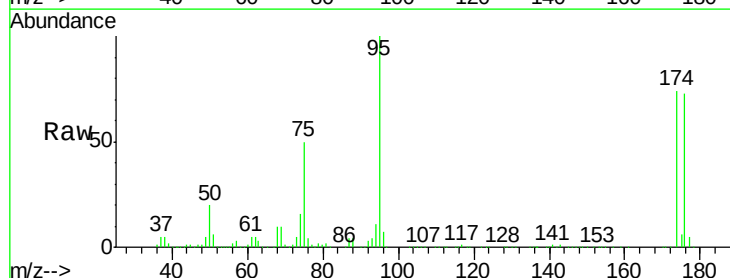
Tgt Ion: 95 Resp: 177202

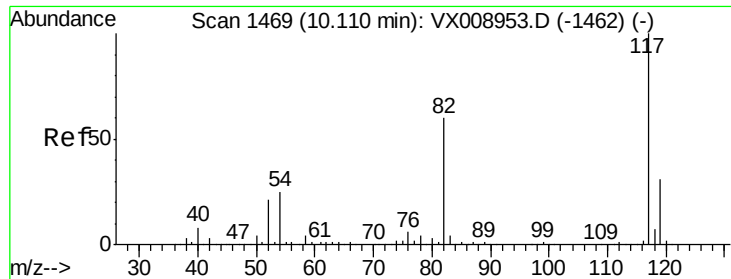
Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.6

176 78.0 0.0 154.8





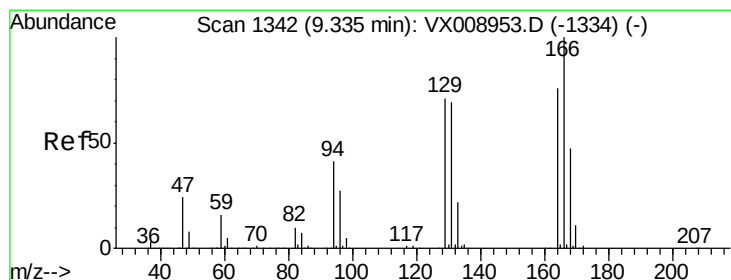
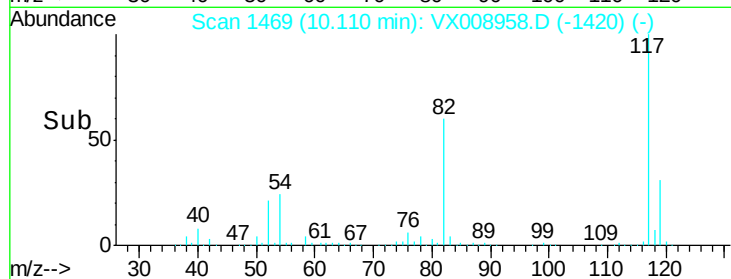
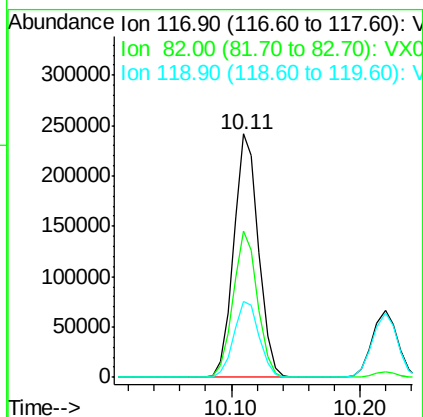
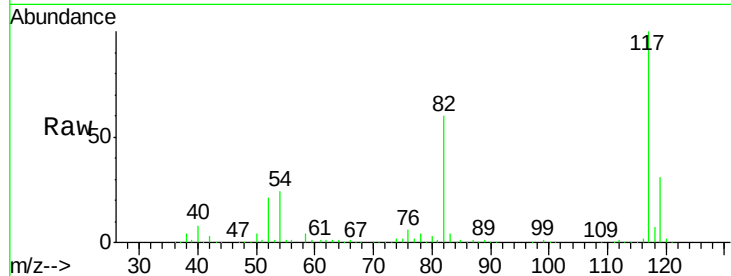
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	48.2	72.4
119	31.4	25.0	37.6

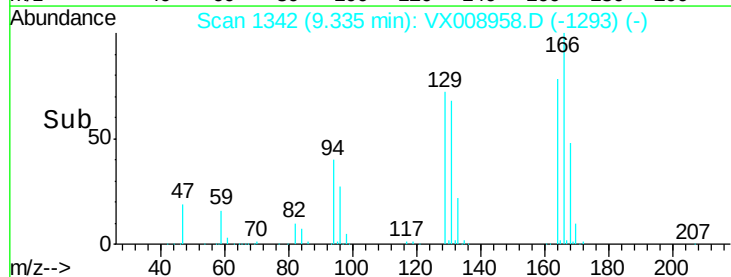
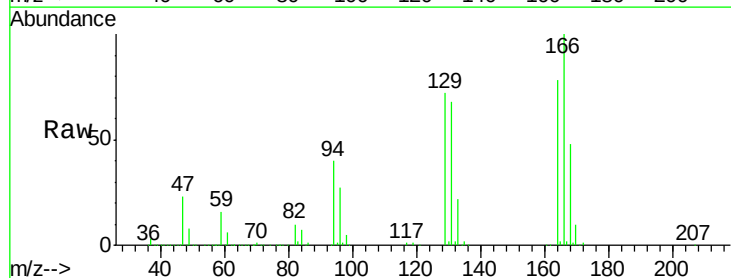
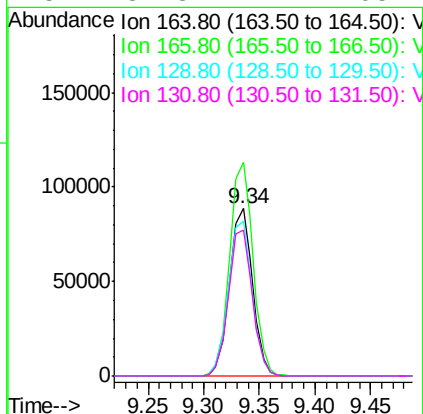
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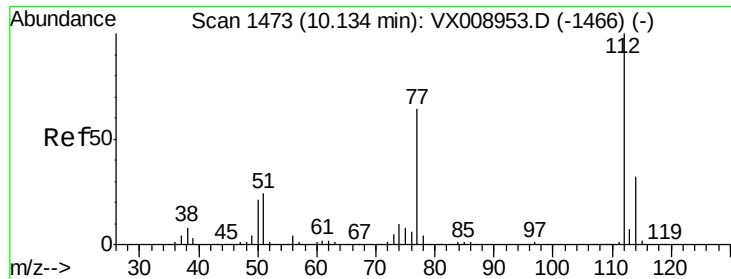
MMDadoda
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#64
Tetrachloroethene
Concen: 52.115 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	105.0	157.4
129	92.1	74.2	111.4
131	87.3	72.2	108.2





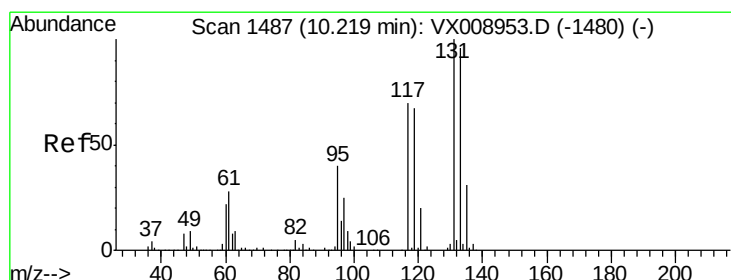
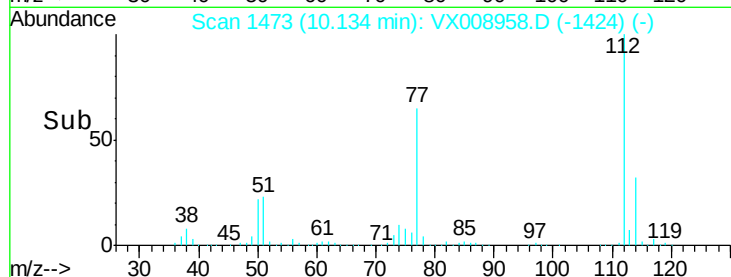
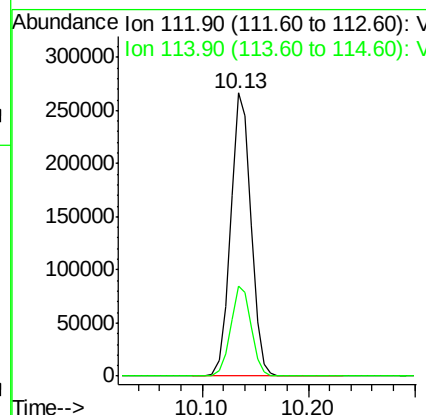
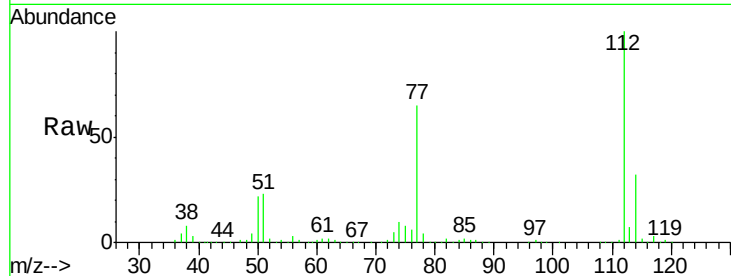
#65
Chlorobenzene
Concen: 52.456 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampled :
ICVVX041519

Tot Ion:112 Resp: 357054
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

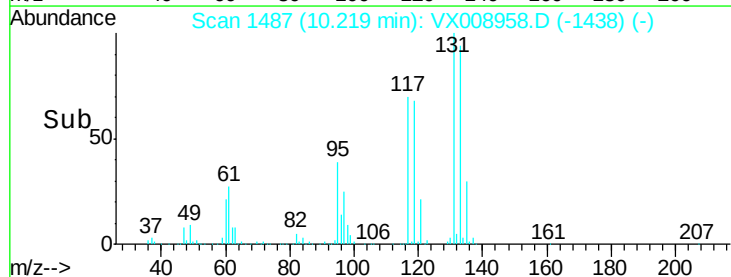
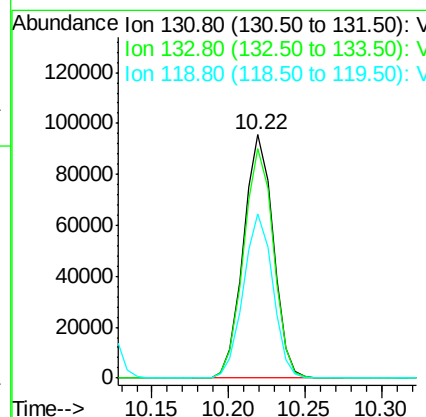
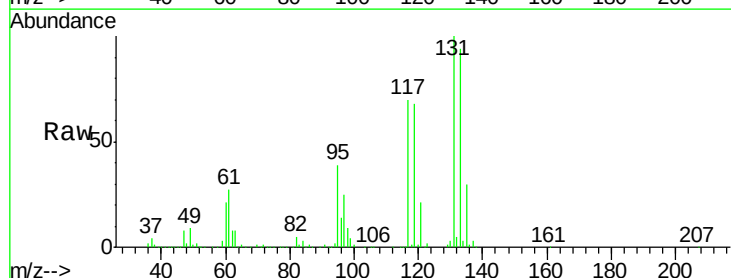
Manual Integrations
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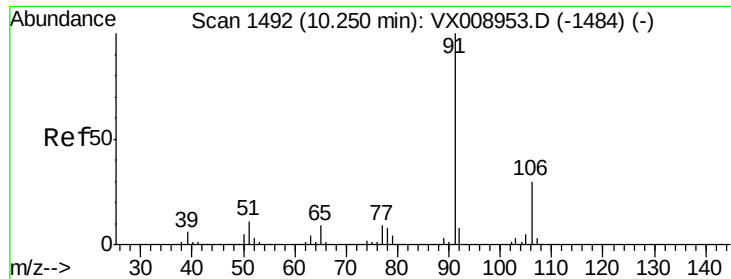
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.014 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion:131 Resp: 129519
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 66.8 33.7 101.1





#67

Ethyl Benzene

Concen: 53.708 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 91 Resp: 668283

Ion Ratio Lower Upper

91 100

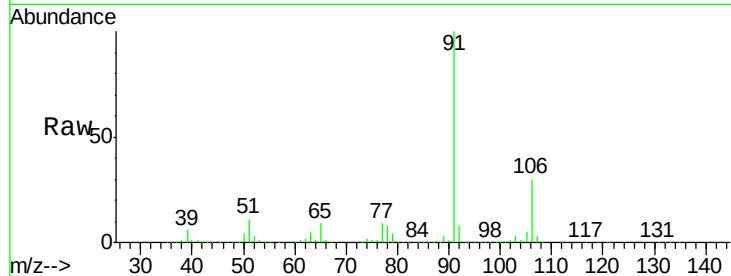
106 30.3 24.3 36.5

Manual Integrations

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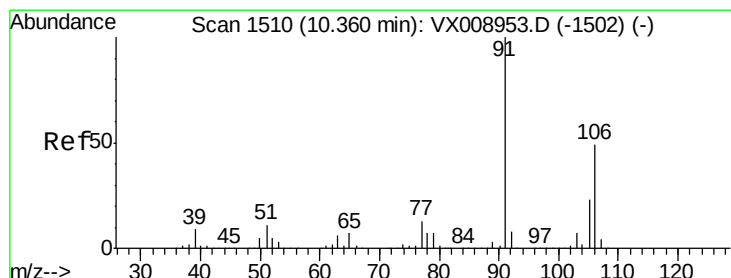
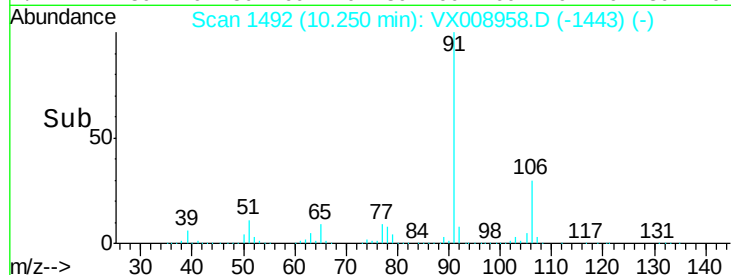
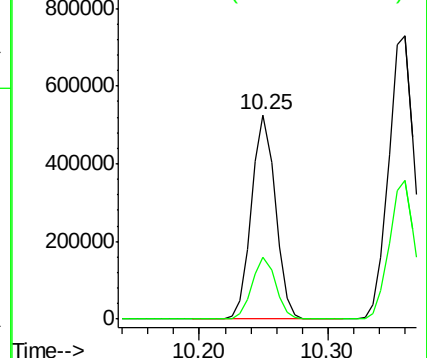
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 107.347 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008958.D

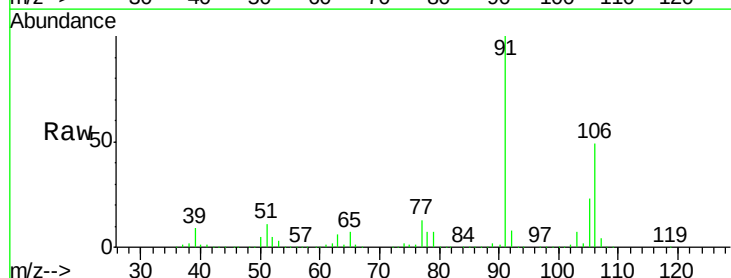
Acq: 15 Apr 2019 13:49

Tgt Ion: 106 Resp: 485431

Ion Ratio Lower Upper

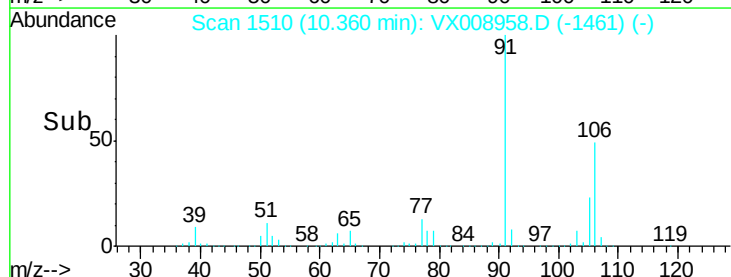
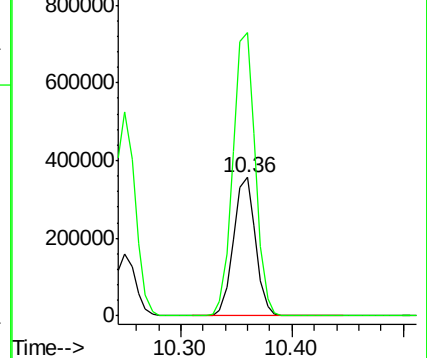
106 100

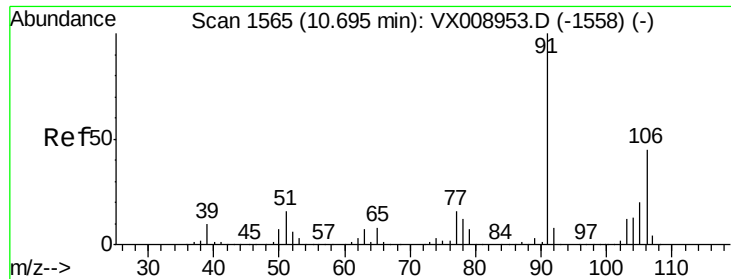
91 208.3 165.4 248.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





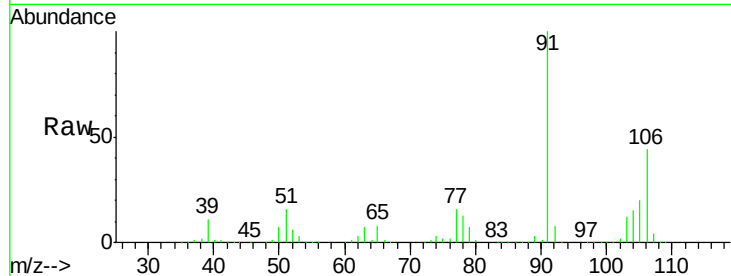
#69
o-Xylene
Concen: 52.838 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

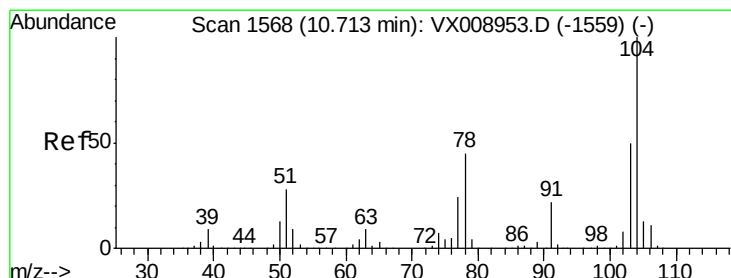
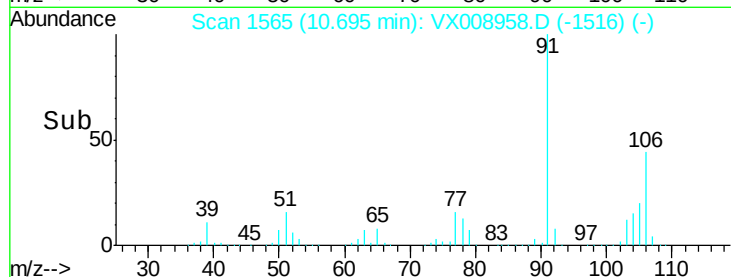
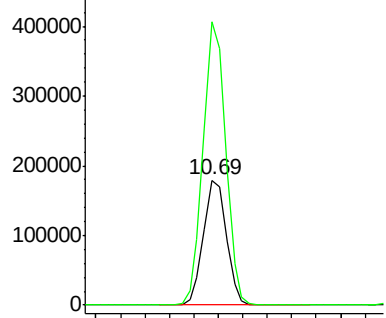
Tot Ion	Ratio	Lower	Upper
106	100		
91	222.1	108.9	326.7

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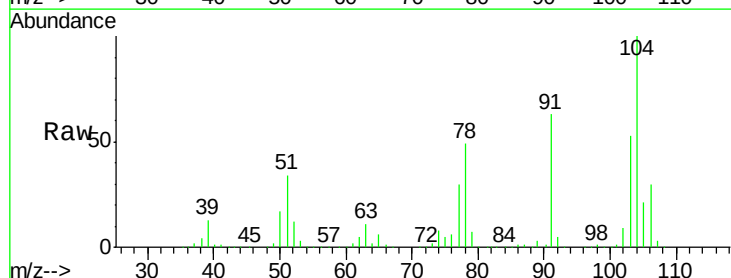


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

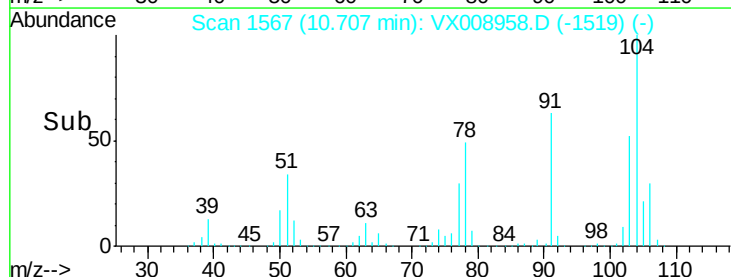
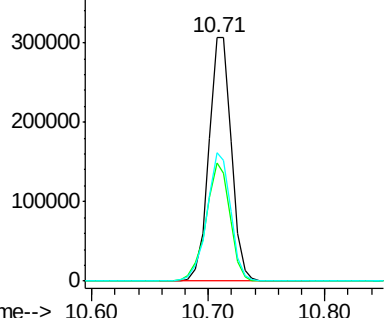


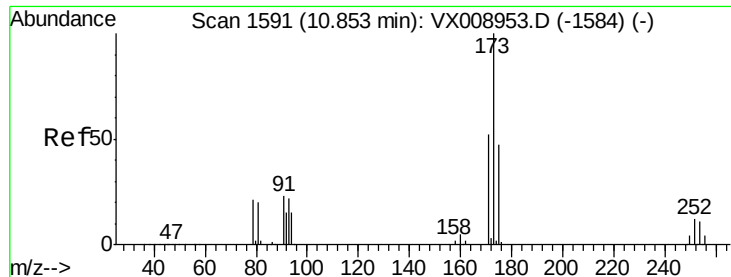
#70
Styrene
Concen: 54.091 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.2	61.8
103	55.5	43.9	65.9



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





#71

Bromoform

Concen: 53.918 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampled :

ICVVX041519

Tot Ion:173 Resp: 103003

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.8

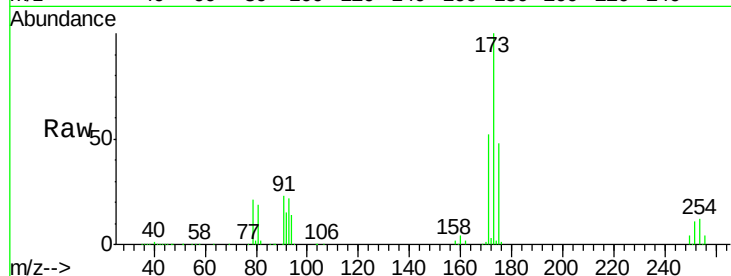
254 0.1 0.2 0.4#

Manual Integrations

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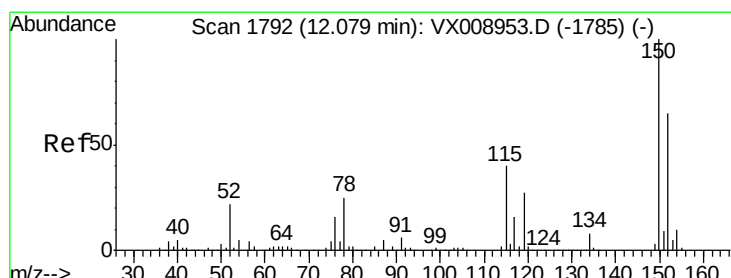
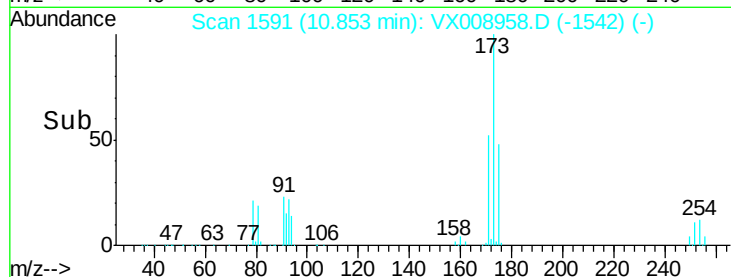
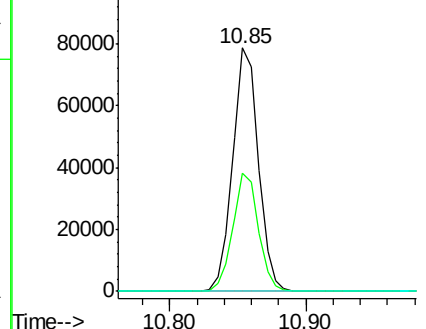
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX008958.D

Acq: 15 Apr 2019 13:49

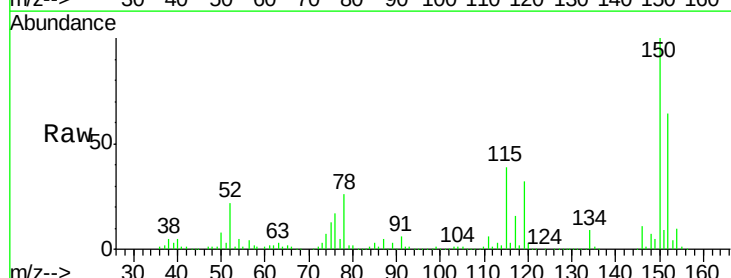
Tgt Ion:152 Resp: 154201

Ion Ratio Lower Upper

152 100

115 86.0 41.4 124.2

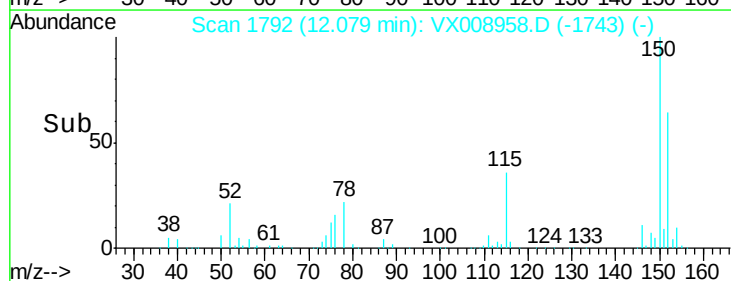
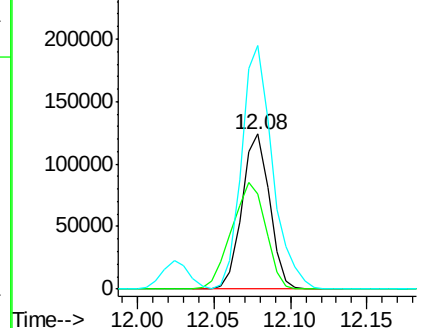
150 176.2 0.0 349.8

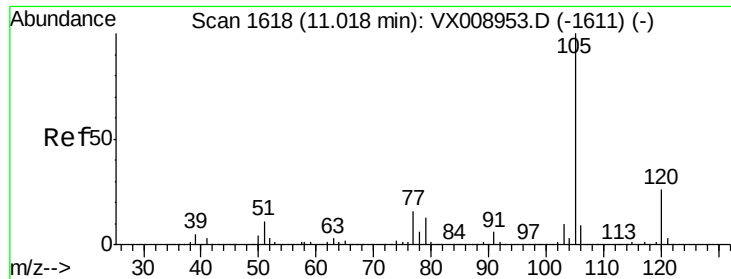


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.350 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 105 Resp: 635252

Ion Ratio Lower Upper

105 100

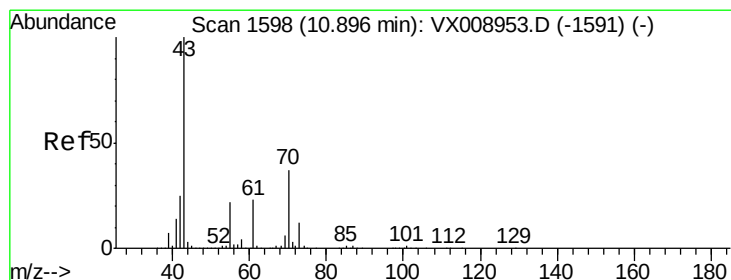
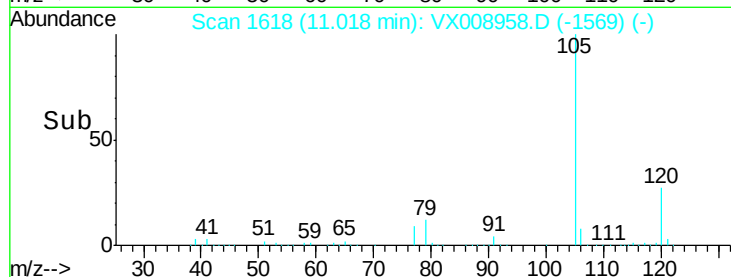
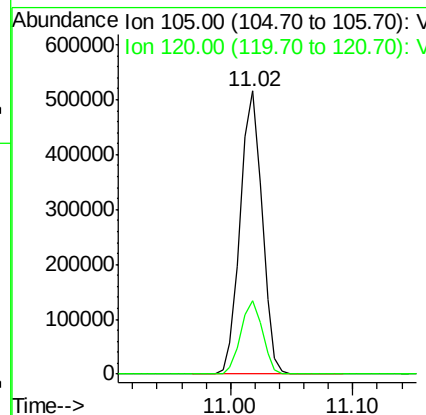
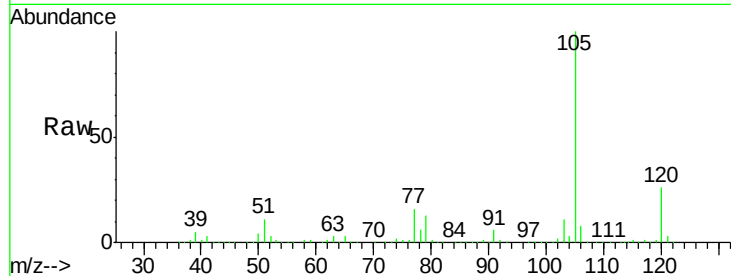
120 25.9 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.513 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion: 43 Resp: 352423

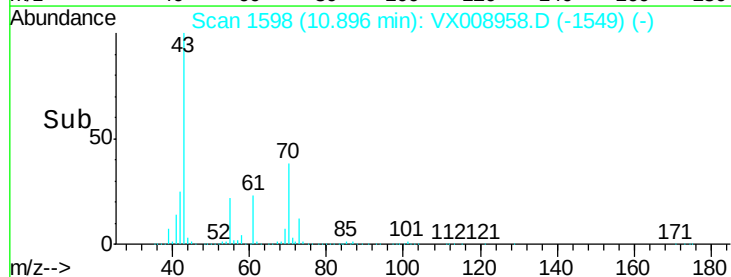
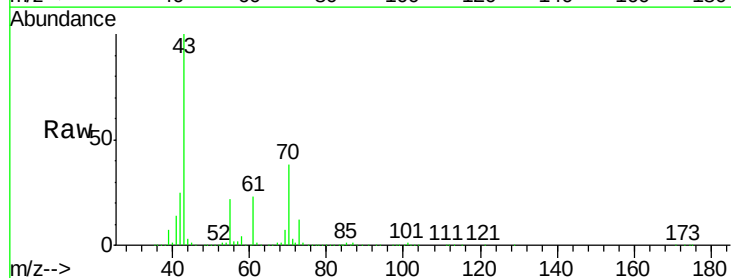
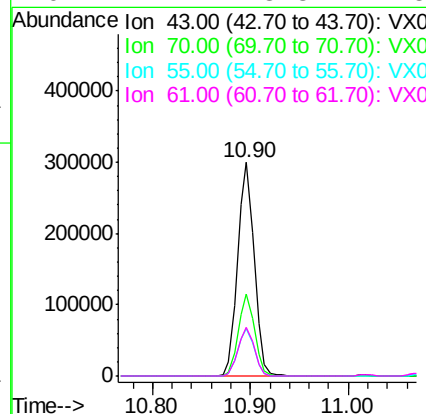
Ion Ratio Lower Upper

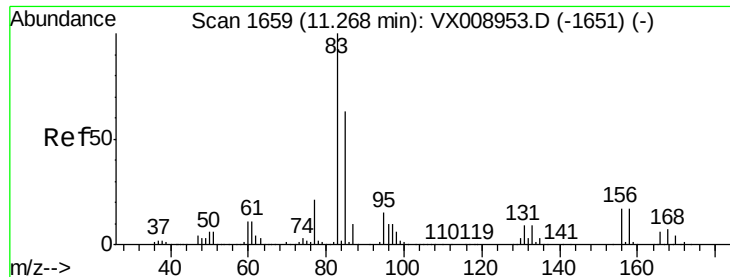
43 100

70 37.9 29.9 44.9

55 22.2 17.8 26.8

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.262 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

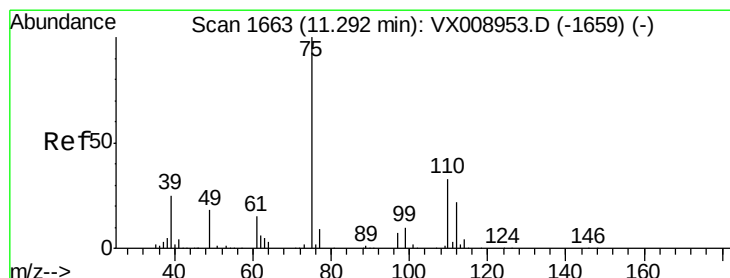
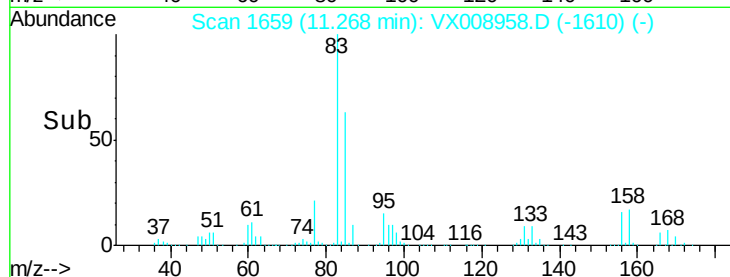
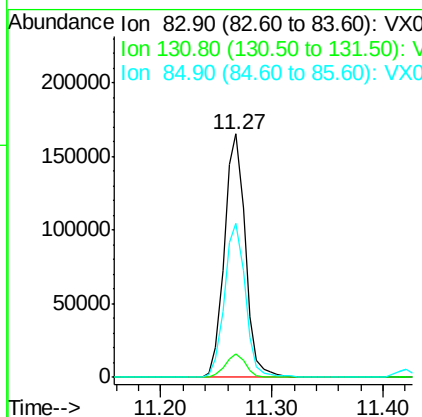
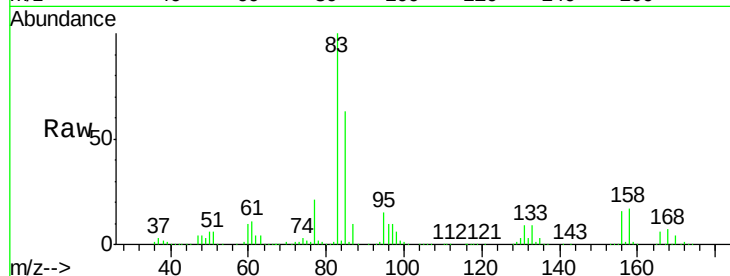
ClientSampleId :

ICVVX041519

Tot Ion:	83	Resp:	214650
Ion Ratio		Lower	Upper
83	100		
131	9.3	4.7	14.0
85	63.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.394 ug/l m

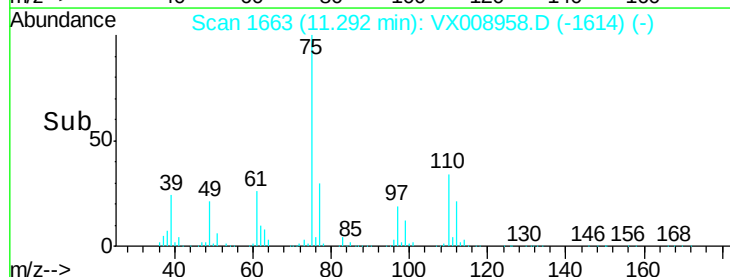
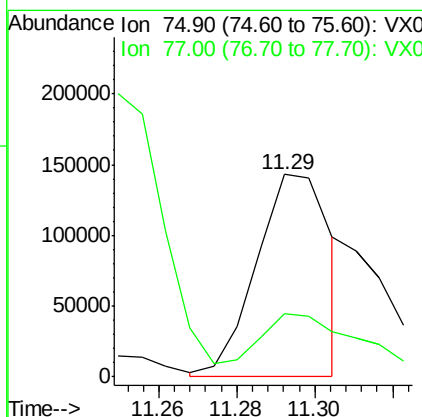
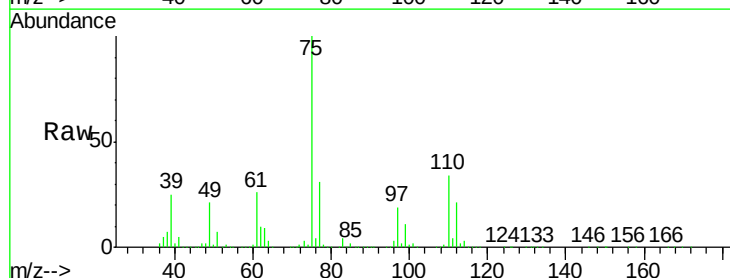
RT: 11.29 min Scan# 1663

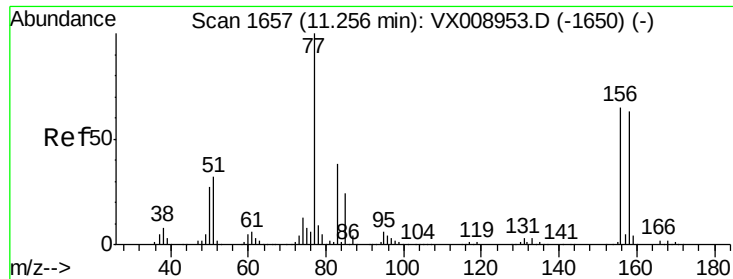
Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion:	75	Resp:	189748
Ion Ratio		Lower	Upper
75	100		
77	43.6	22.7	68.0





#77

Bromobenzene

Concen: 51.387 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

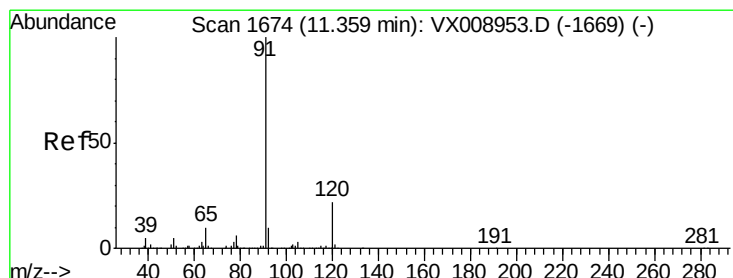
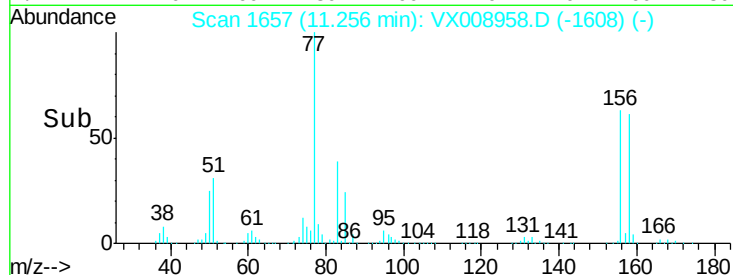
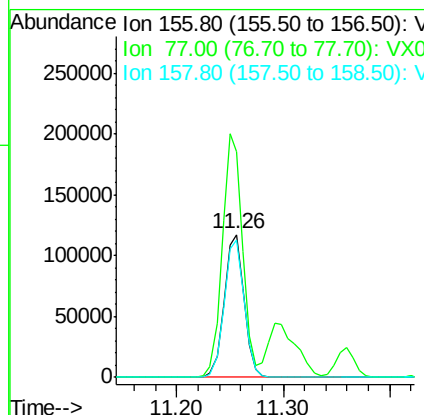
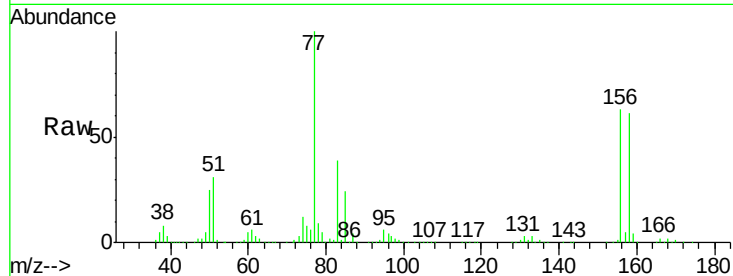
ClientSampleId :

ICVX041519

Tot Ion:	156	Resp:	151542
Ion Ratio	Lower	Upper	
156	100		
77	172.5	85.4	256.1
158	97.3	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 55.723 ug/l

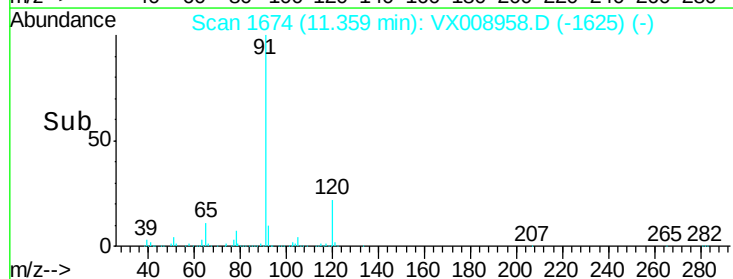
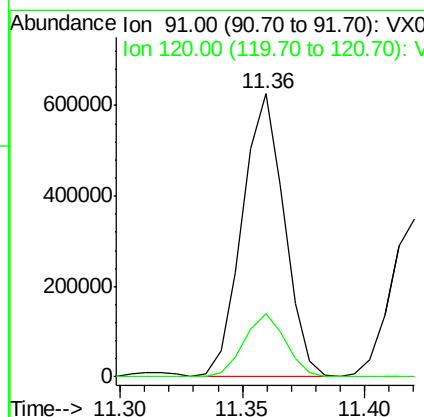
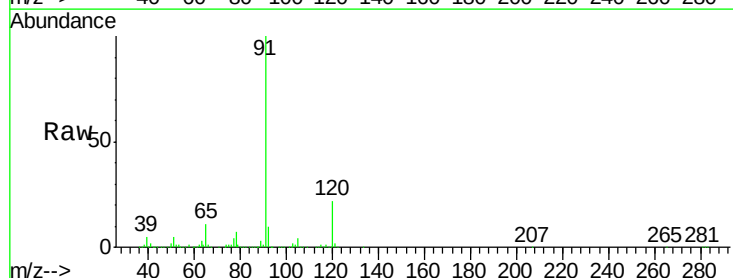
RT: 11.36 min Scan# 1674

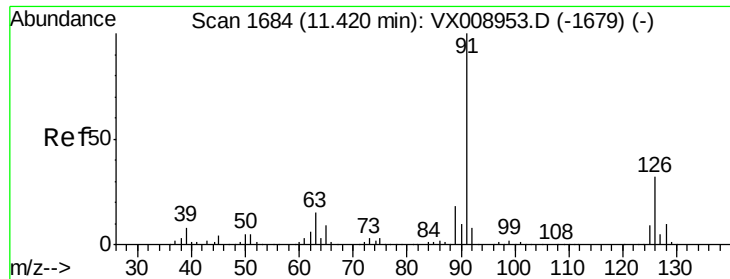
Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion:	91	Resp:	747551
Ion Ratio	Lower	Upper	
91	100		
120	22.0	10.9	32.9





#79

2-Chlorotoluene

Concen: 53.244 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion: 91 Resp: 430433

Ion Ratio Lower Upper

91 100

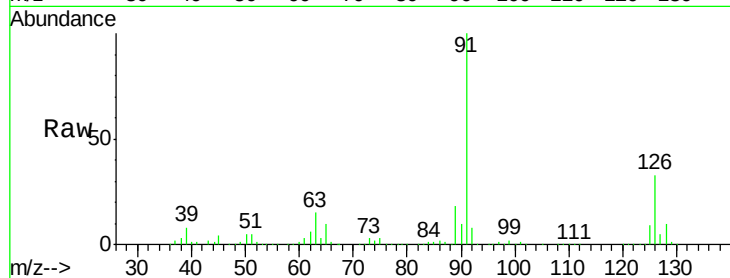
126 32.7 16.3 48.9

Manual Integrations

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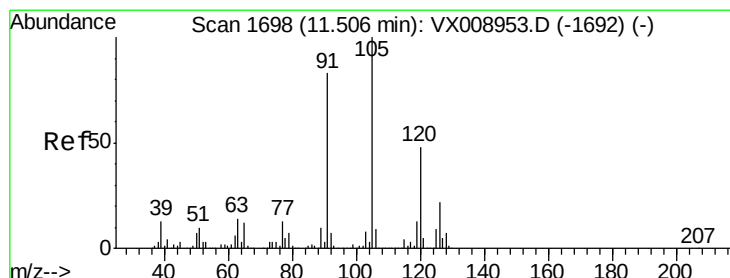
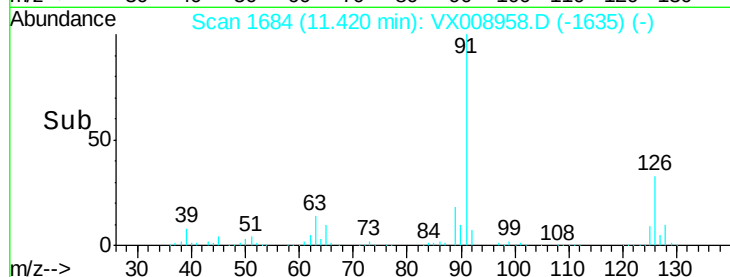
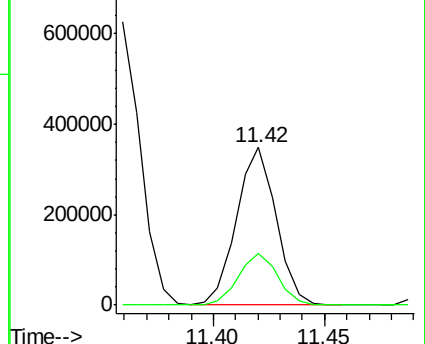
MMDadoda

4/16/2019 10:53:17 AM



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

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



#80

1,3,5-Trimethylbenzene

Concen: 54.665 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008958.D

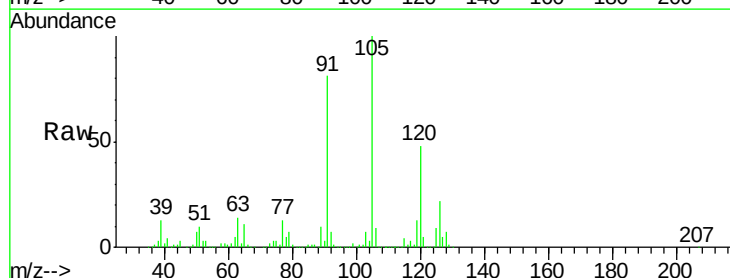
Acq: 15 Apr 2019 13:49

Tgt Ion:105 Resp: 536165

Ion Ratio Lower Upper

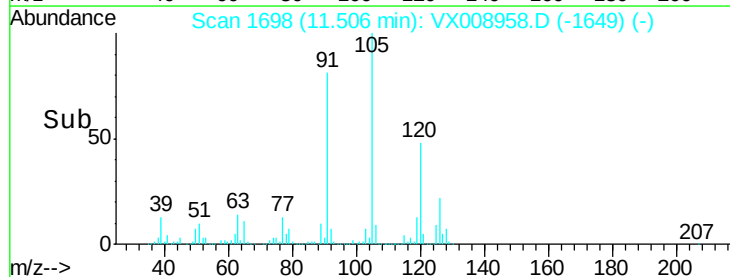
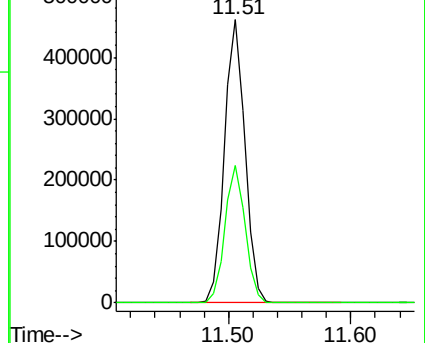
105 100

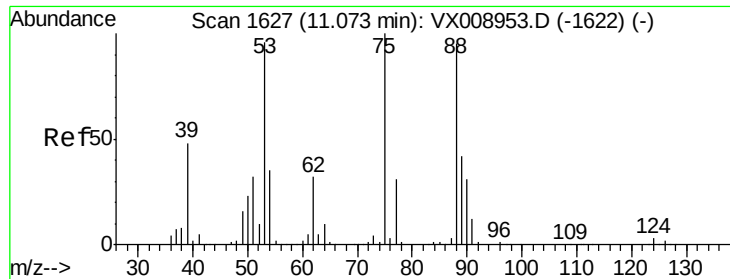
120 47.9 24.1 72.3



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

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





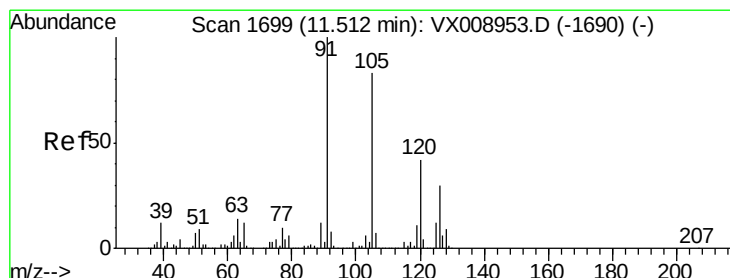
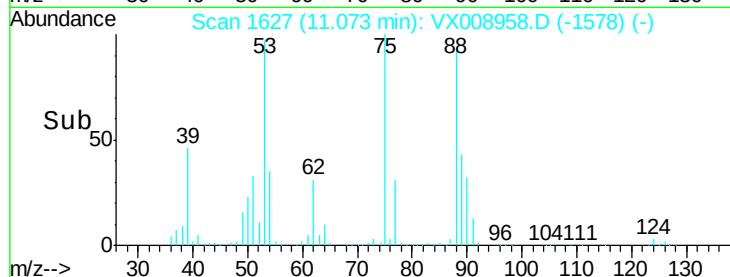
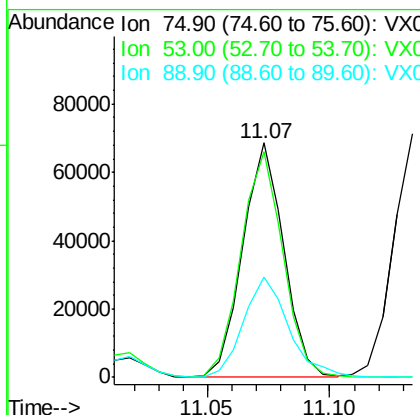
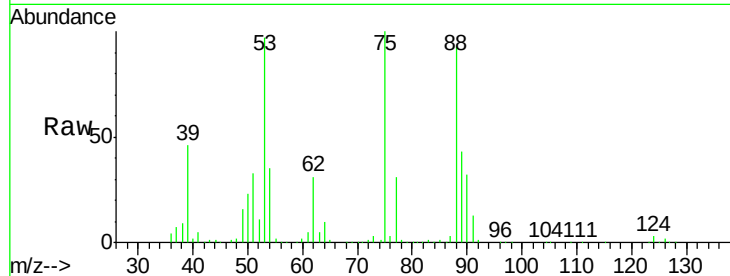
#81
trans-1,4-Dichloro-2-butene
Concen: 54.276 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.1	78.2	117.4
89	47.5	36.0	54.0

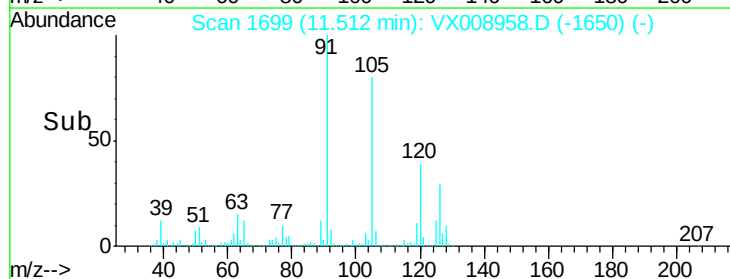
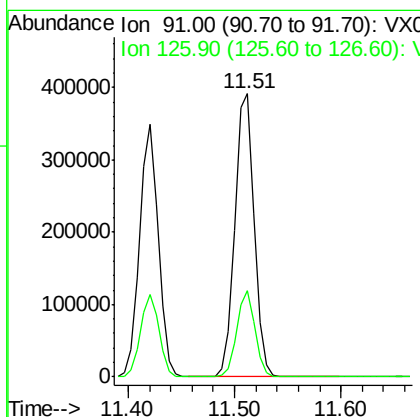
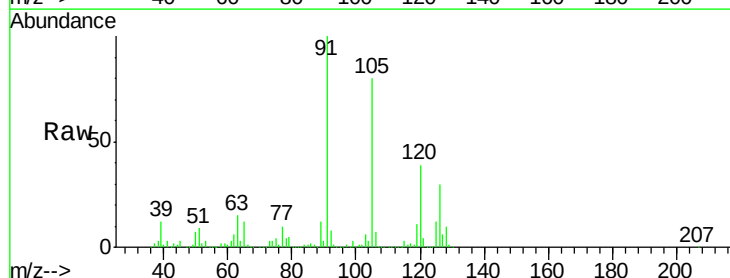
Manual Integrations
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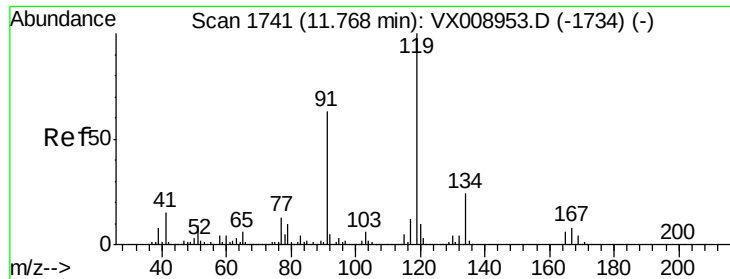
MMDadoda
4/16/2019 10:53:17 AM



#82
4-Chlorotoluene
Concen: 53.269 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.3	42.9





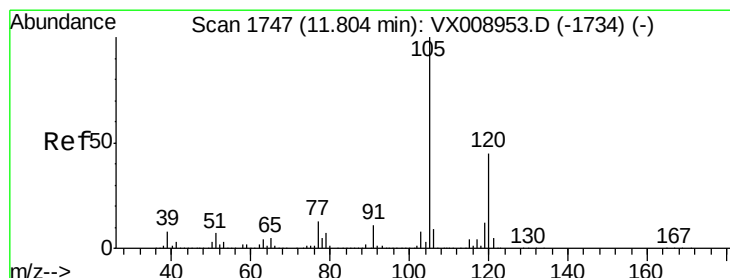
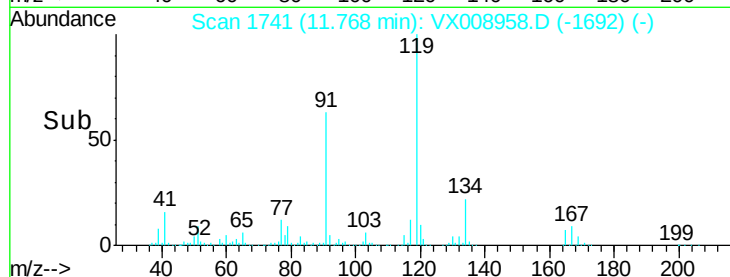
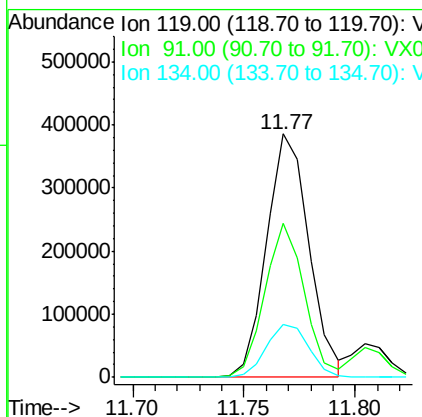
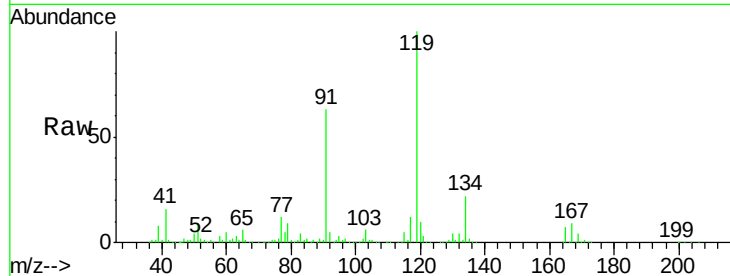
#83
 tert-Butylbenzene
 Concen: 54.073 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion	Ratio	Resp	Lower	Upper
119	100	509200		
91	59.2		29.7	89.1
134	22.1		11.2	33.5

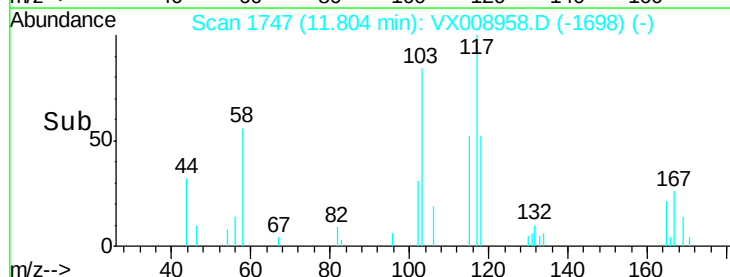
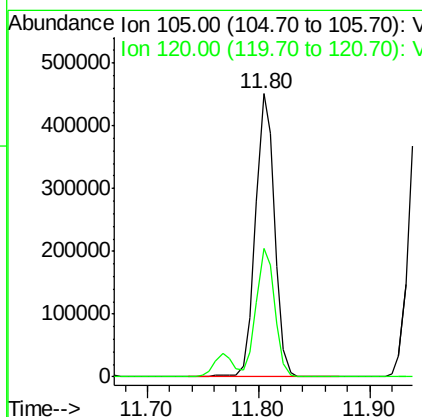
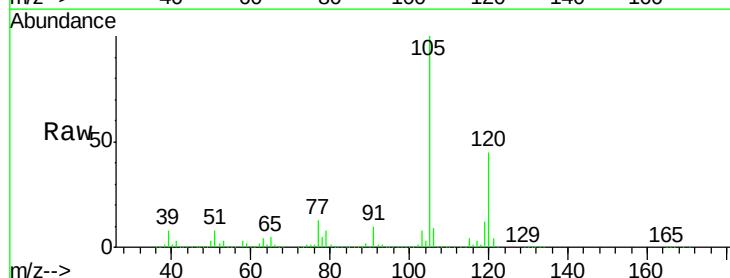
Manual Integrations
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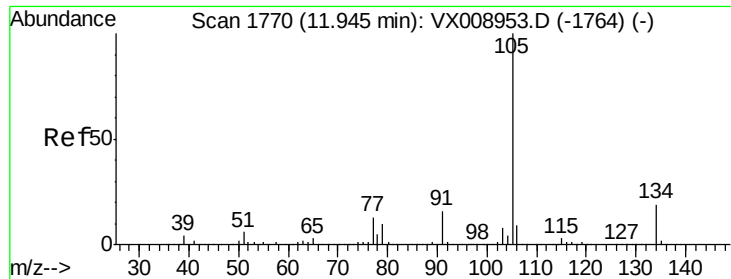
MMDadoda
 4/16/2019 10:53:17 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.937 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	538513		
120	44.2		21.9	65.8





#85

sec-Butylbenzene

Concen: 55.726 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041519

Tot Ion:105 Resp: 625867

Ion Ratio Lower Upper

105 100

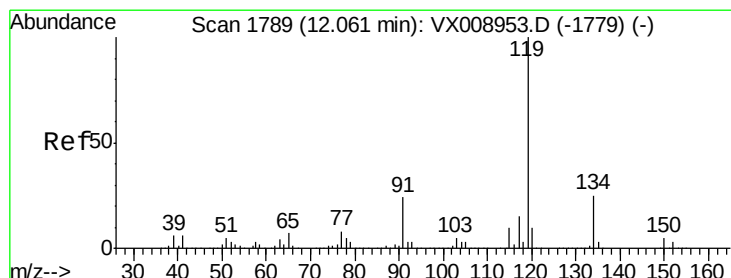
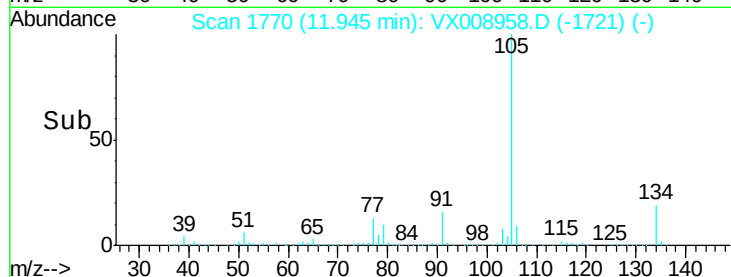
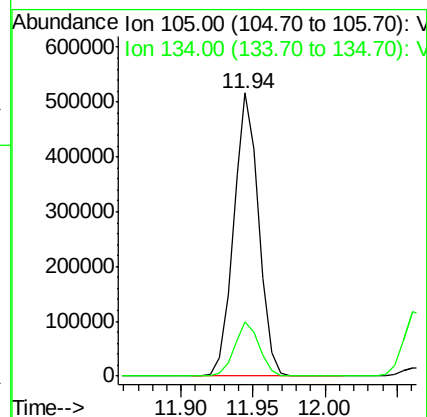
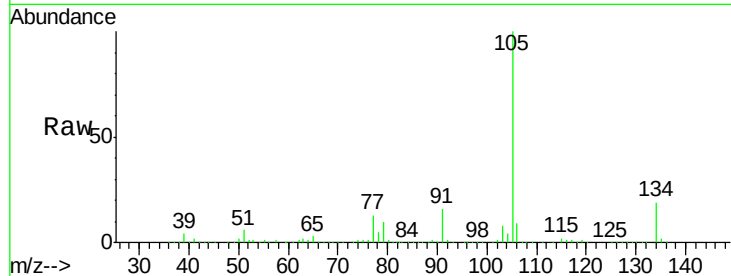
134 19.1 9.6 28.6

Manual Integrations

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MMDadoda

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#86

p-Isopropyltoluene

Concen: 54.721 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

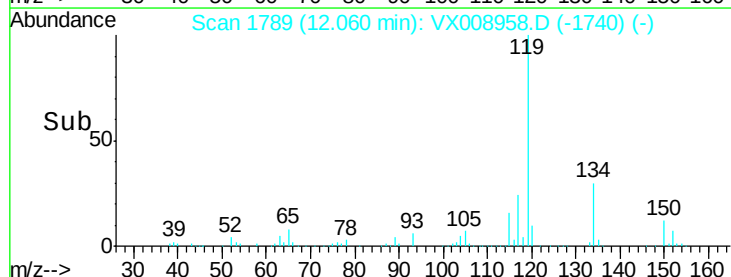
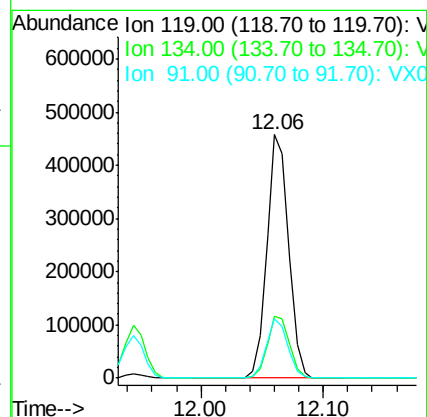
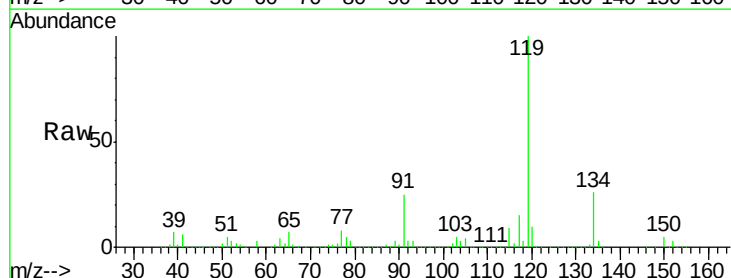
Tgt Ion:119 Resp: 565033

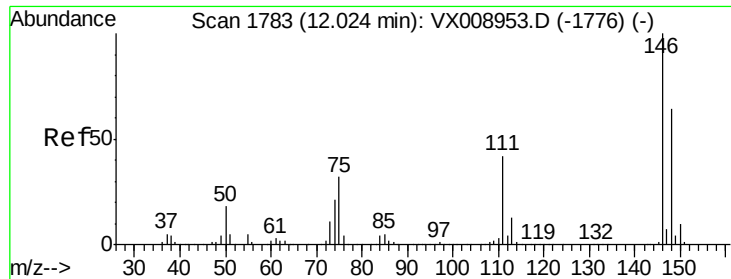
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 24.0 11.9 35.5





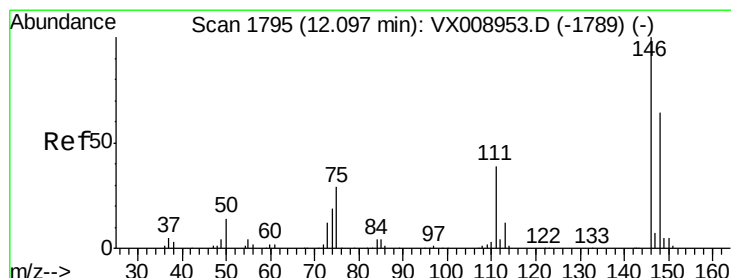
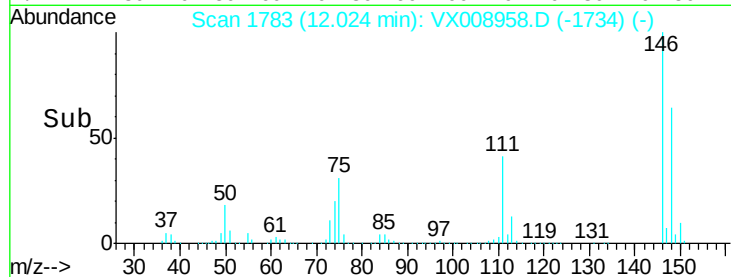
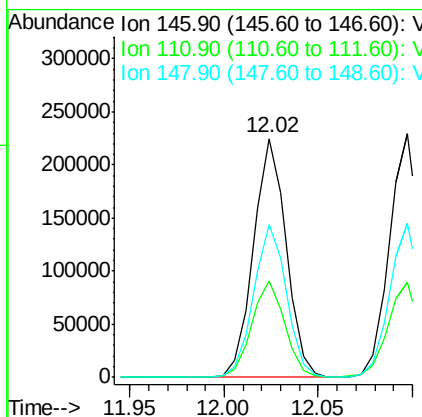
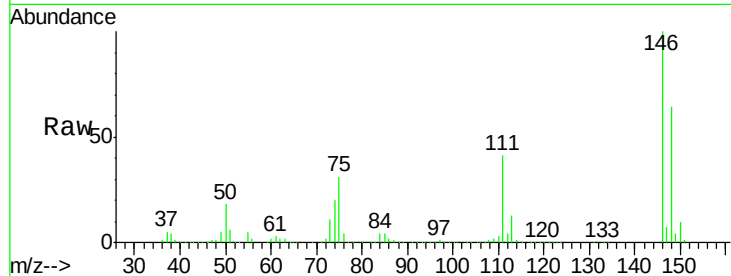
#87
 1,3-Dichlorobenzene
 Concen: 52.431 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.6
148	63.9	32.2	96.6

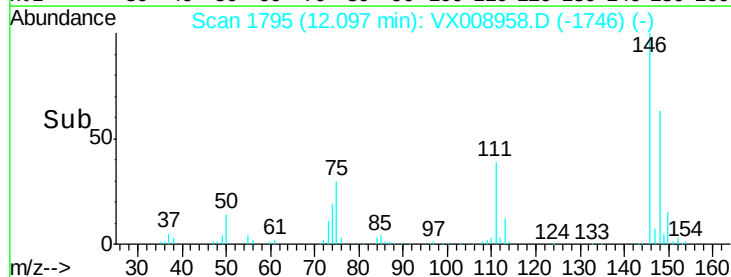
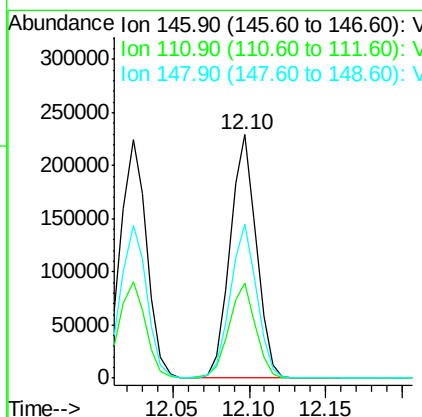
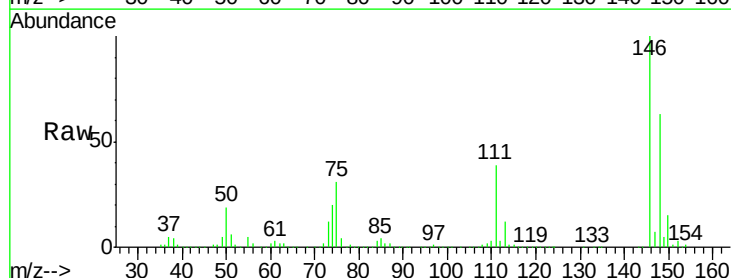
Manual Integrations
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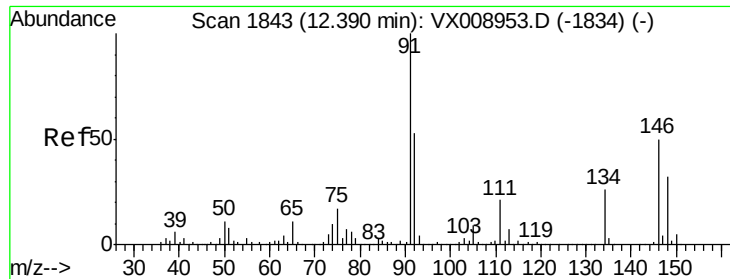
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#88
 1,4-Dichlorobenzene
 Concen: 51.948 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008958.D
 Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	59.9
148	63.5	32.2	96.6





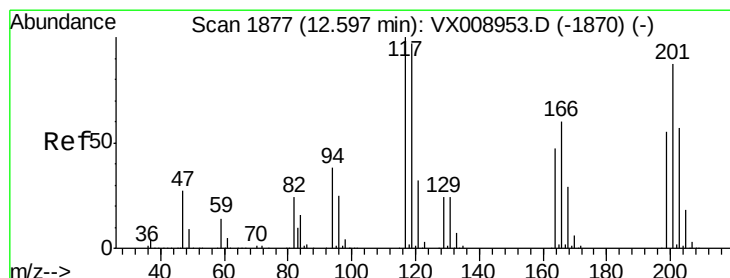
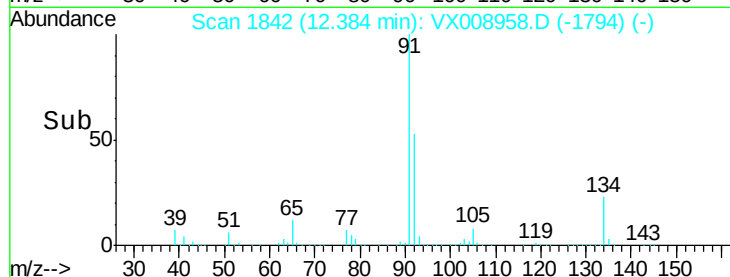
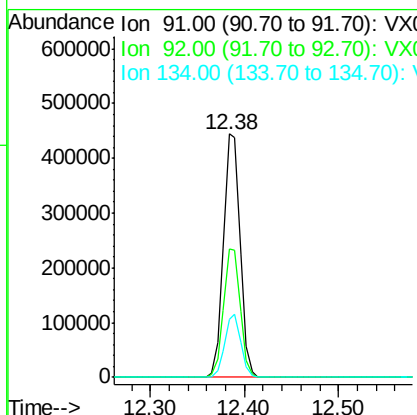
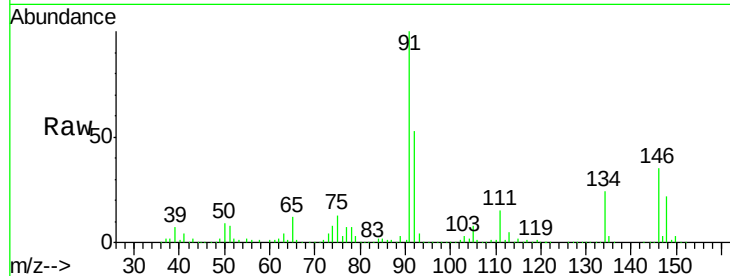
#89
n-Butylbenzene
Concen: 56.573 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041519

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.8
134	24.7	12.4	37.2

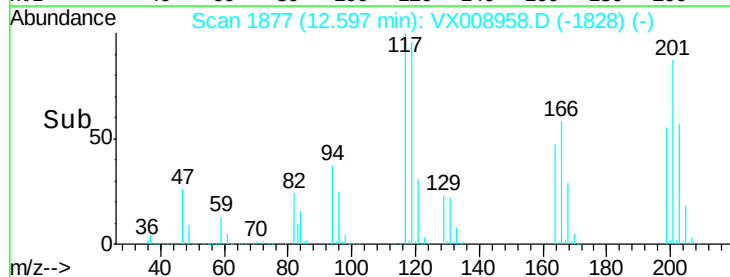
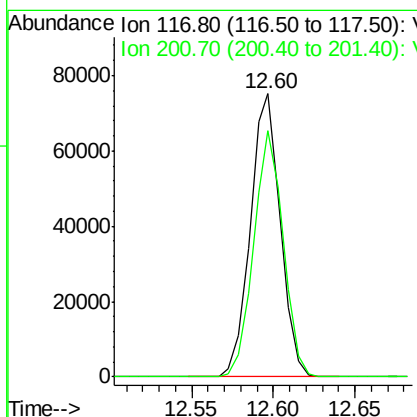
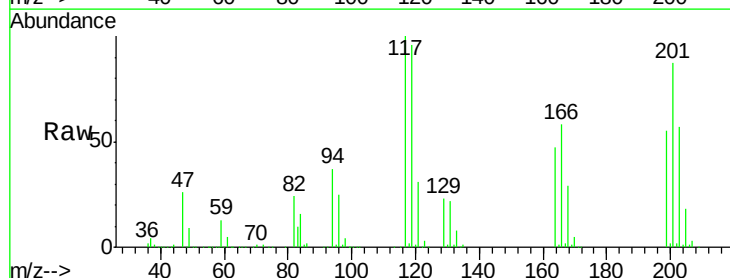
Manual Integrations
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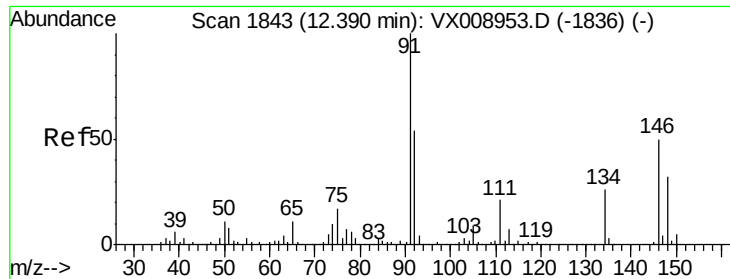
MMDadoda
4/16/2019 10:53:17 AM



#90
Hexachloroethane
Concen: 56.264 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008958.D
Acq: 15 Apr 2019 13:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	43.0	129.0





#91

1,2-Dichlorobenzene

Concen: 51.417 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

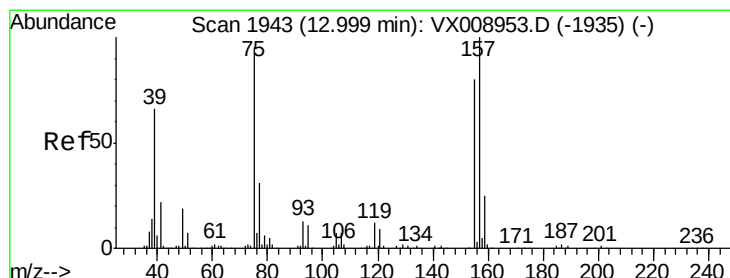
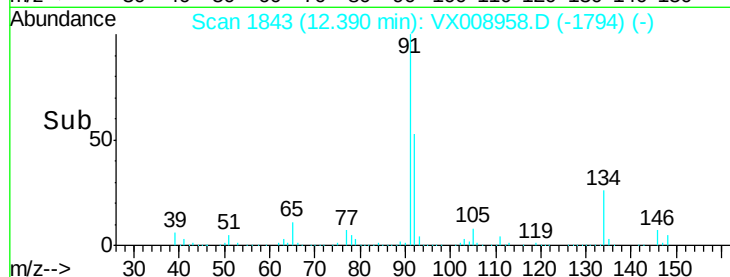
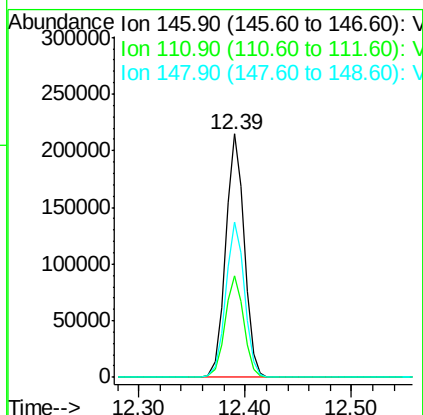
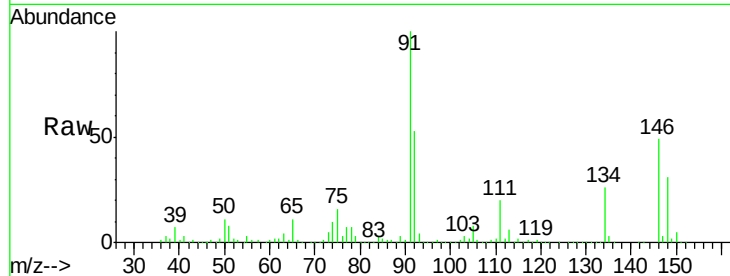
ClientSampleId :

ICVVX041519

Tot Ion:	146	Resp:	262064
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.6	61.9
148	64.5	32.0	96.2

Manual Integrations
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MMDadoda
4/16/2019 10:53:17 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.969 ug/l

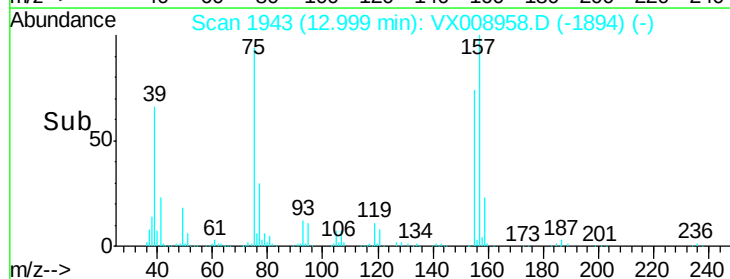
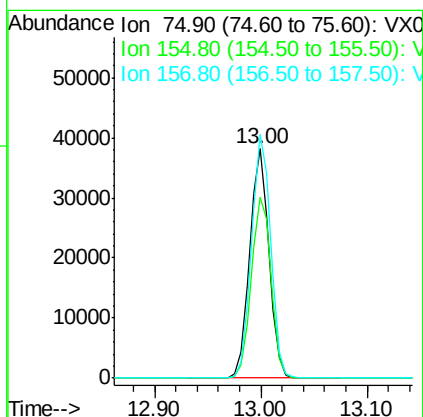
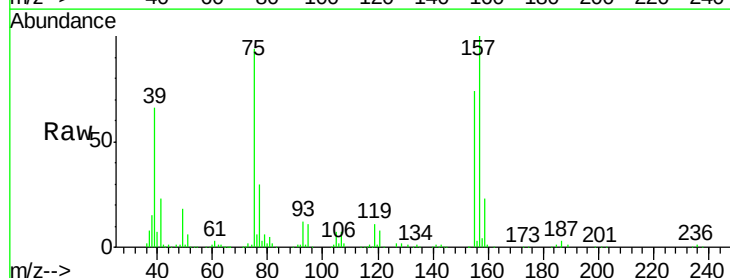
RT: 13.00 min Scan# 1943

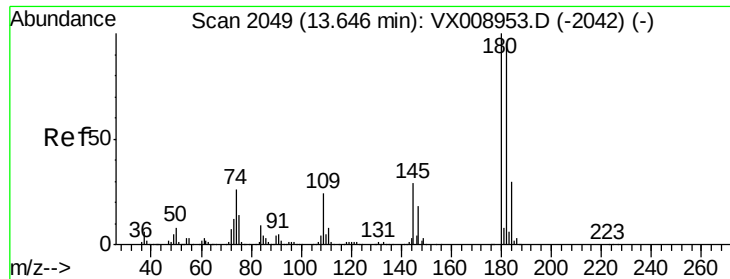
Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion:	75	Resp:	48588
Ion Ratio	Lower	Upper	
75	100		
155	80.6	41.2	123.6
157	105.9	52.5	157.6





#93

1,2,4-Trichlorobenzene

Concen: 52.916 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

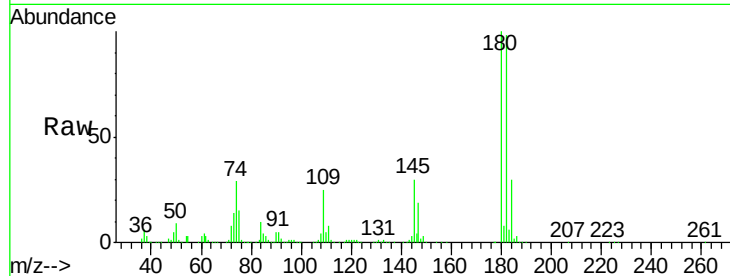
ClientSampleId :

ICVVX041519

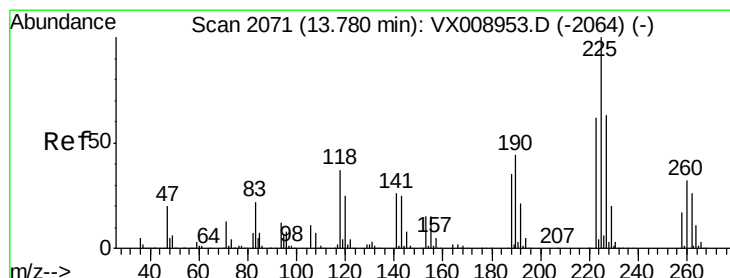
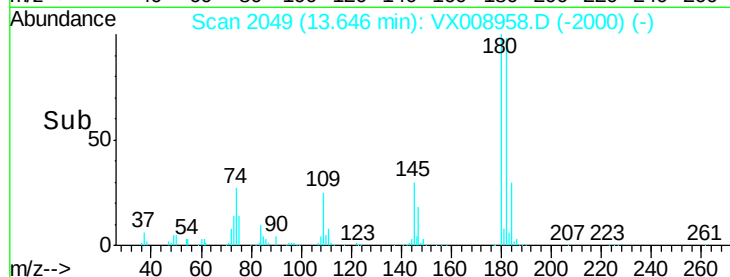
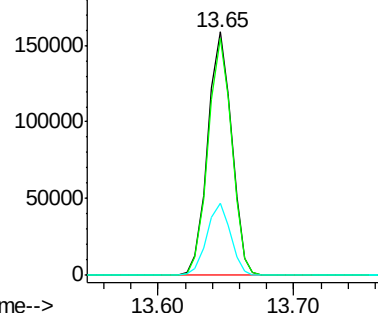
Tot Ion:	180	Resp:	194688
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.6	142.9
145	29.5	14.8	44.4

Manual Integrations
APPROVED

MMDadoda
4/16/2019 10:53:17 AM



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



#94

Hexachlorobutadiene

Concen: 55.432 ug/l

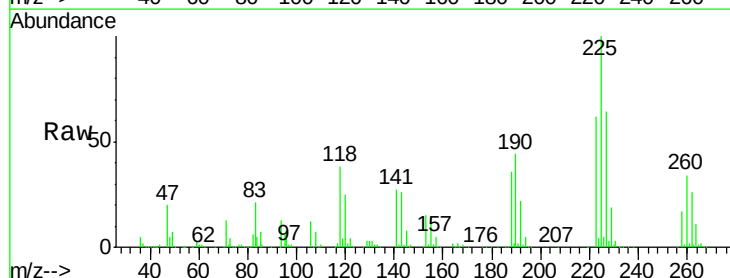
RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

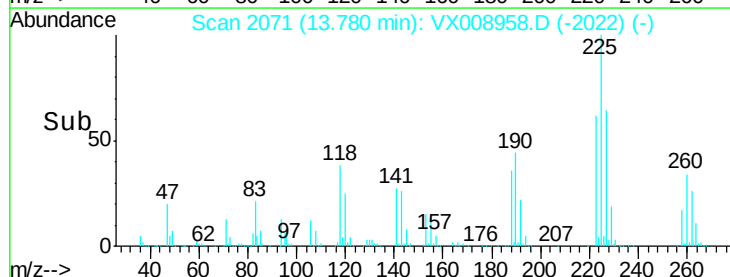
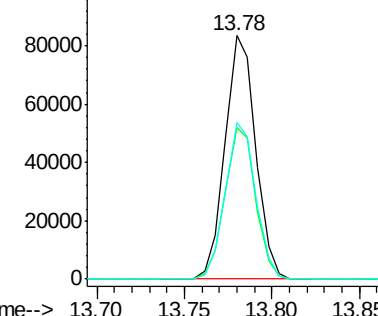
Lab File: VX008958.D

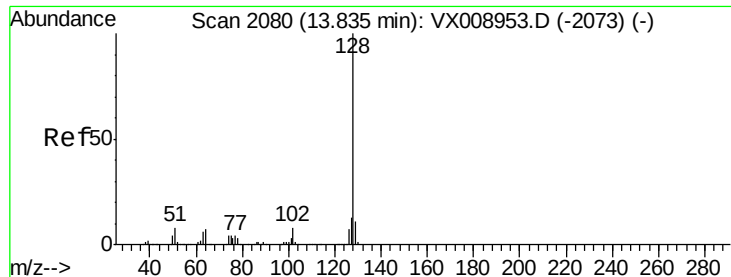
Acq: 15 Apr 2019 13:49

Tgt Ion:	225	Resp:	101718
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.1	93.2
227	63.8	32.0	96.2



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





#95

Naphthalene

Concen: 51.784 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Instrument :

MSVOA_X

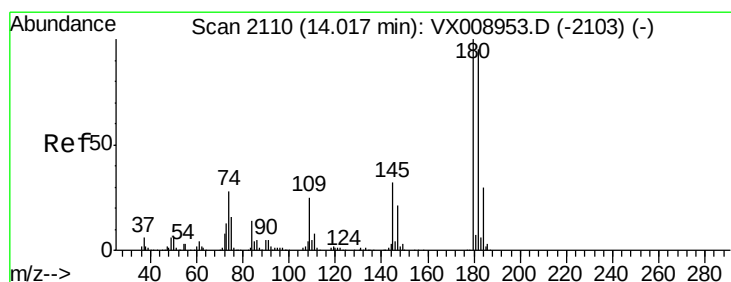
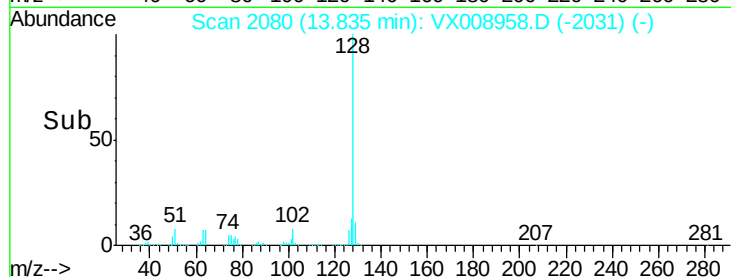
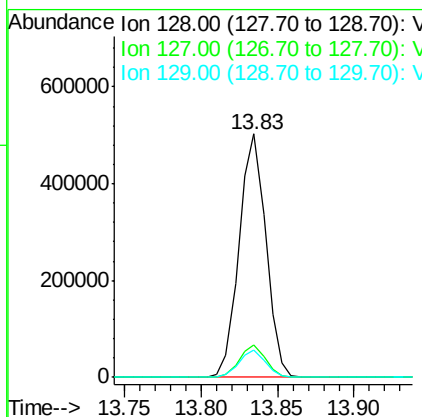
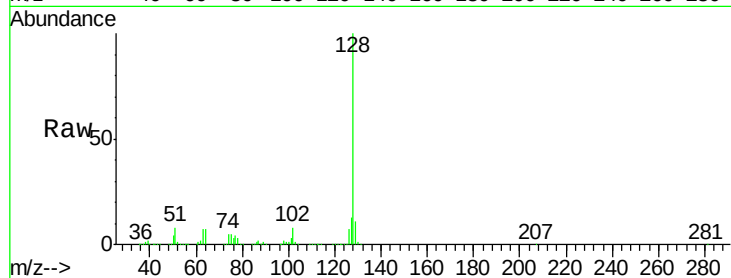
ClientSampleId :

ICVVX041519

Tot Ion:	128	Resp:	610408
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/16/2019 10:53:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.099 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008958.D

Acq: 15 Apr 2019 13:49

Tgt Ion:	180	Resp:	192759
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.4
145	31.0	15.8	47.3

