

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040519\
 Data File : VX008683.D
 Acq On : 05 Apr 2019 15:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:49:47 AM

Quant Time: Apr 06 01:52:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	200767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	322768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	147072	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.49	113	109472	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	8.71	98	446959	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
62) 4-Bromofluorobenzene	11.13	95	168573	57.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103696	44.871	ug/l	98
3) Chloromethane	1.32	50	138187	48.749	ug/l	100
4) Vinyl Chloride	1.40	62	136409	43.664	ug/l	99
5) Bromomethane	1.64	94	64509	42.222	ug/l	98
6) Chloroethane	1.71	64	83817	49.071	ug/l	98
7) Trichlorofluoromethane	1.92	101	158354	45.855	ug/l	99
8) Diethyl Ether	2.18	74	72615	44.341	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104068	46.806	ug/l	99
10) Methyl Iodide	2.51	142	77615	39.264	ug/l	99
11) Tert butyl alcohol	3.05	59	148381	216.440	ug/l	100
12) 1,1-Dichloroethene	2.37	96	102435	44.133	ug/l	98
13) Acrolein	2.29	56	63630	187.184	ug/l	99
14) Allyl chloride	2.72	41	240840	45.327	ug/l	99
15) Acrylonitrile	3.14	53	389730	214.592	ug/l	100
16) Acetone	2.44	43	397538	235.701	ug/l	99
17) Carbon Disulfide	2.56	76	307871	45.873	ug/l	99
18) Methyl Acetate	2.77	43	171111	41.831	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	381771	46.058	ug/l	99
20) Methylene Chloride	2.85	84	123083	43.597	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	110846	44.151	ug/l	94
22) Diisopropyl ether	3.85	45	461351	45.049	ug/l	89
23) Vinyl Acetate	3.81	43	2056320	230.810	ug/l	99
24) 1,1-Dichloroethane	3.69	63	228771	45.118	ug/l	99
25) 2-Butanone	4.67	43	599512	224.895	ug/l	99
26) 2,2-Dichloropropane	4.58	77	171138	47.921	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	128700	44.587	ug/l	99
28) Bromochloromethane	5.01	49	115836	54.992	ug/l	99
29) Tetrahydrofuran	5.12	42	373207	210.933	ug/l	100
30) Chloroform	5.21	83	205523	45.381	ug/l	99
31) Cyclohexane	5.57	56	229612	45.383	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	170592	46.613	ug/l	99
36) 1,1-Dichloropropene	5.79	75	165228	46.831	ug/l	100
37) Ethyl Acetate	4.83	43	214507	45.549	ug/l	99
38) Carbon Tetrachloride	5.78	117	141965	48.616	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210666	48.335	ug/l	100
40) Benzene	6.14	78	494828	47.078	ug/l	99
41) Methacrylonitrile	5.04	41	123751	45.715	ug/l	100
42) 1,2-Dichloroethane	6.19	62	175105	46.470	ug/l	100
43) Isopropyl Acetate	6.44	43	351678	47.671	ug/l	100
44) Trichloroethene	7.21	130	116881	47.745	ug/l	99
45) 1,2-Dichloropropane	7.51	63	140421	46.806	ug/l	99
46) Dibromomethane	7.66	93	79631	45.765	ug/l	98
47) Bromodichloromethane	7.90	83	160694	48.981	ug/l	99
48) Methyl methacrylate	7.77	41	177973	47.691	ug/l	99
49) 1,4-Dioxane	7.74	88	63294	905.404	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1141444	240.354	ug/l	100
52) Toluene	8.78	92	301677	48.683	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	189291	51.508	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	210253	50.070	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118344	47.577	ug/l	99
56) Ethyl methacrylate	9.18	69	226728	50.378	ug/l	100
57) 1,3-Dichloropropane	9.37	76	214620	48.051	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	330240	143.705	ug/l	100
59) 2-Hexanone	9.49	43	892745	241.892	ug/l	100
60) Dibromochloromethane	9.58	129	119608	51.029	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123229	47.588	ug/l	99
64) Tetrachloroethene	9.34	164	101863	47.049	ug/l	98
65) Chlorobenzene	10.13	112	310811	47.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	109463	48.169	ug/l	100
67) Ethyl Benzene	10.25	91	585073	48.439	ug/l	98
68) m/p-Xylenes	10.36	106	428891	98.757	ug/l	100
69) o-Xylene	10.69	106	207319	49.259	ug/l	99
70) Styrene	10.71	104	368686	50.819	ug/l	99
71) Bromoform	10.85	173	90598	52.200	ug/l #	98
73) Isopropylbenzene	11.02	105	551382	46.476	ug/l	100
74) N-amyl acetate	10.90	43	324305	46.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	196186	43.481	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	171056m	43.496	ug/l	
77) Bromobenzene	11.26	156	133986	46.978	ug/l	98
78) n-propylbenzene	11.36	91	658545	47.673	ug/l	100
79) 2-Chlorotoluene	11.42	91	390065	46.661	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	472911	47.487	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	70396	49.343	ug/l	98
82) 4-Chlorotoluene	11.51	91	453875	46.905	ug/l	99
83) tert-Butylbenzene	11.77	119	450038	46.972	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	478861	47.488	ug/l	100
85) sec-Butylbenzene	11.94	105	547522	48.110	ug/l	99
86) p-Isopropyltoluene	12.06	119	499634	48.914	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	243639	47.718	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	244103	47.213	ug/l	99
89) n-Butylbenzene	12.38	91	480443	50.154	ug/l	99
90) Hexachloroethane	12.60	117	82906	48.936	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	238198	46.987	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42187	42.503	ug/l	99

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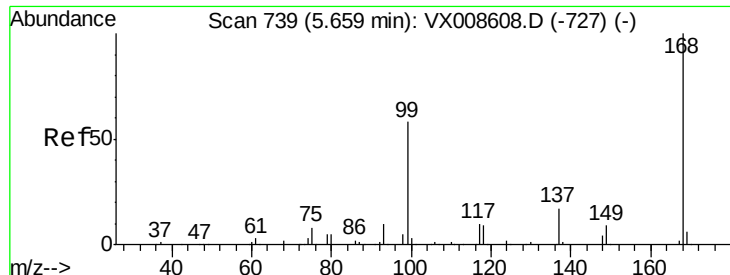
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	172972	49.073	ug/l	99
94) Hexachlorobutadiene	13.78	225	83525	49.411	ug/l	98
95) Naphthalene	13.83	128	553649	46.997	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	170940	48.539	ug/l	98

(#) = 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. -0.00 min

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Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 200767

Ion Ratio Lower Upper

168 100

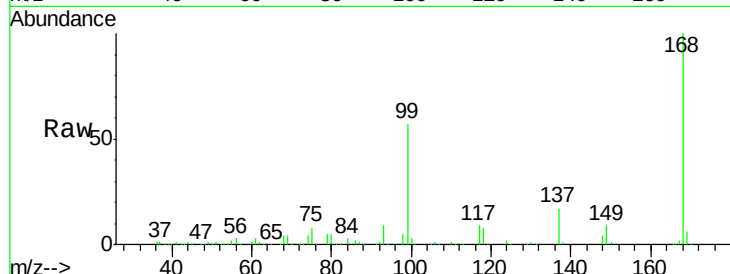
99 57.0 46.7 70.1

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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

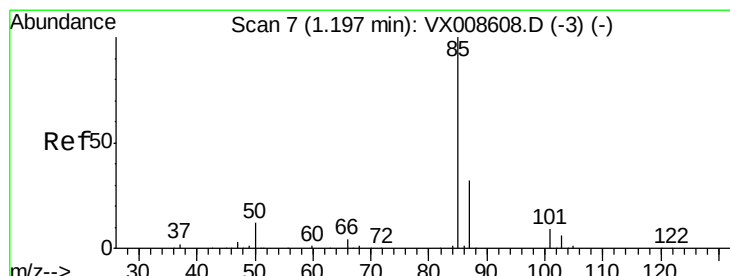
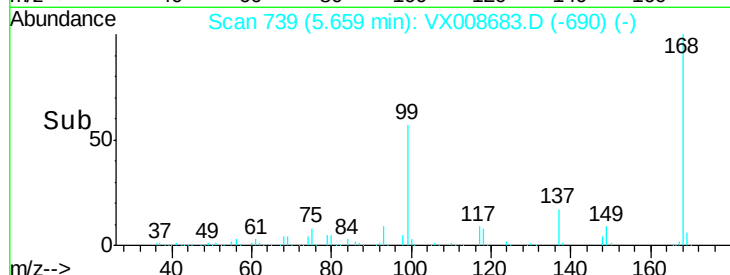
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.871 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008683.D

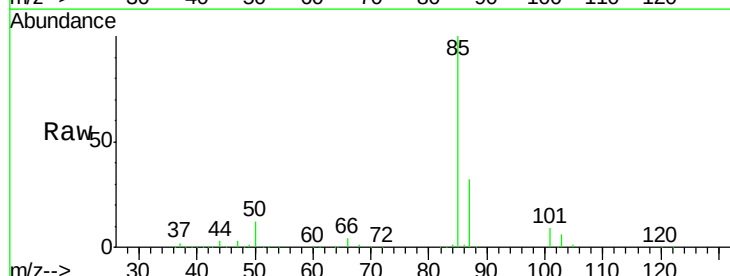
Acq: 05 Apr 2019 15:17

Tgt Ion: 85 Resp: 103696

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

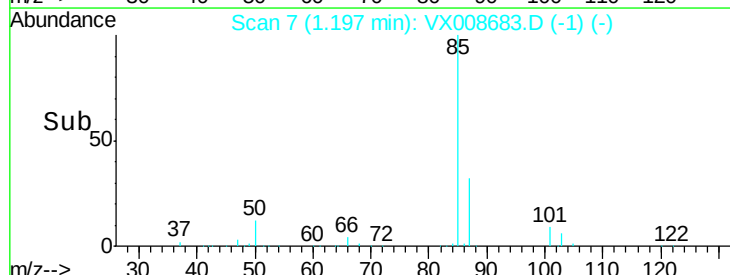
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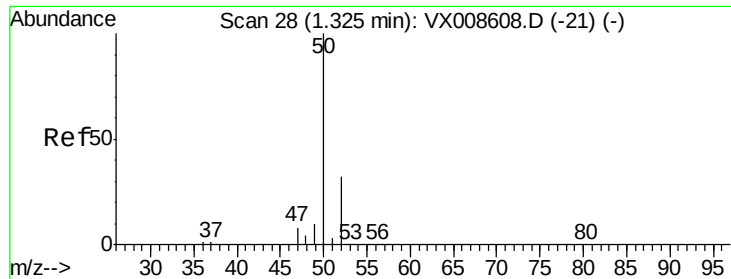
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.749 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 138187

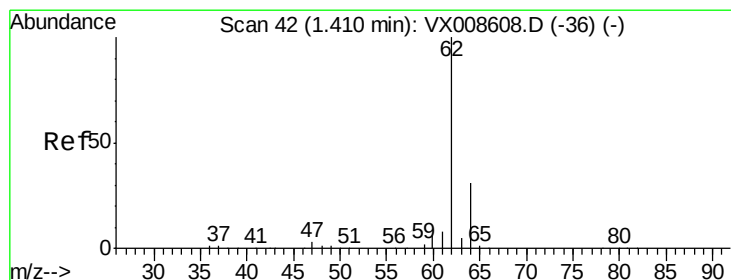
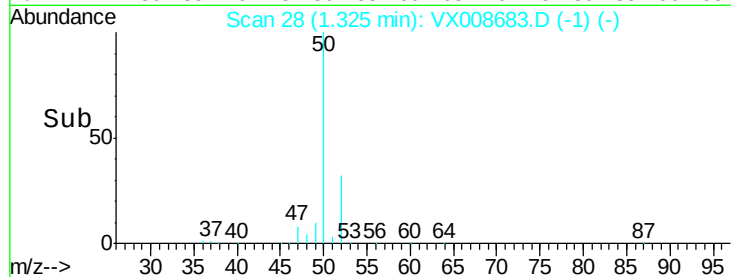
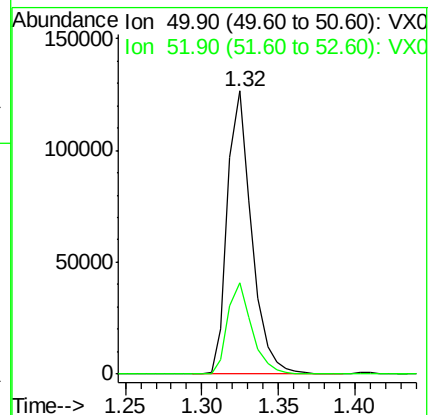
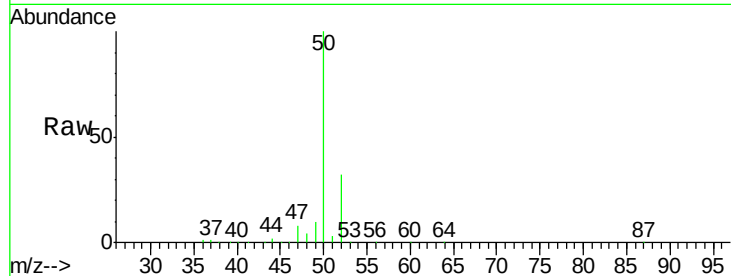
Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.8

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#4

Vinyl Chloride

Concen: 43.664 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008683.D

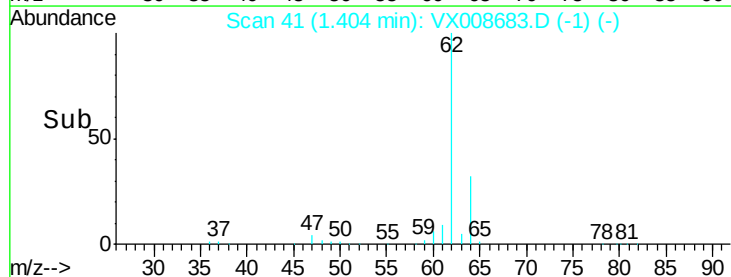
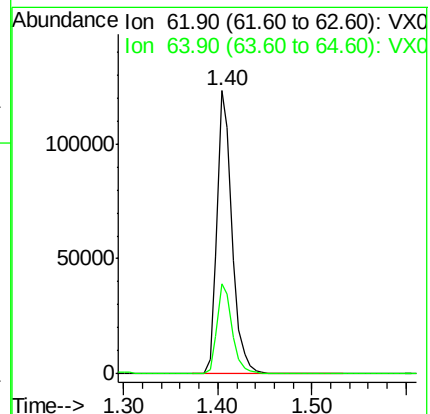
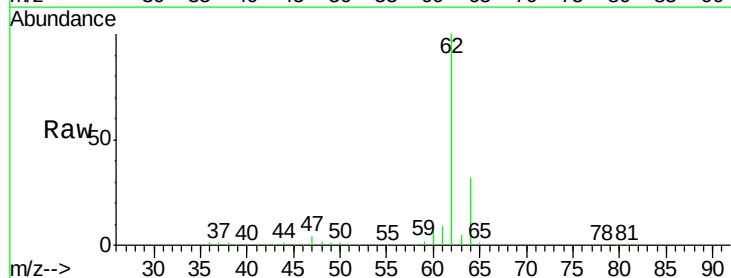
Acq: 05 Apr 2019 15:17

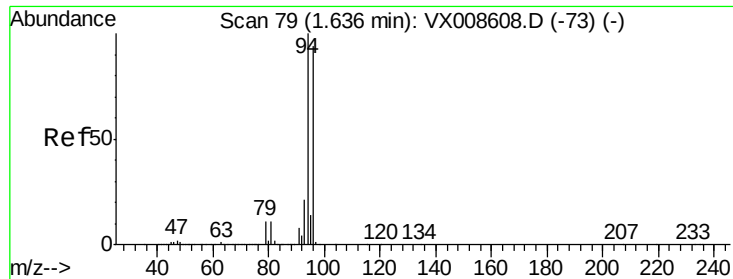
Tgt Ion: 62 Resp: 136409

Ion Ratio Lower Upper

62 100

64 31.6 24.7 37.1





#5

Bromomethane

Concen: 42.222 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 64509

Ion Ratio Lower Upper

94 100

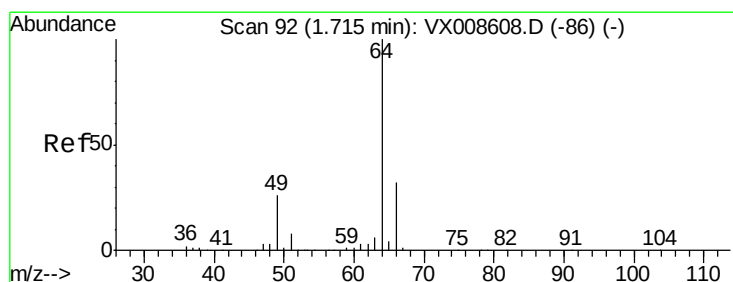
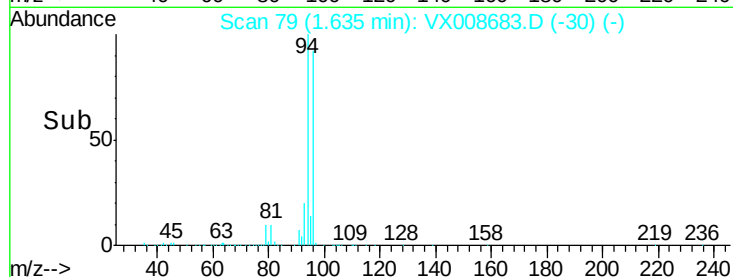
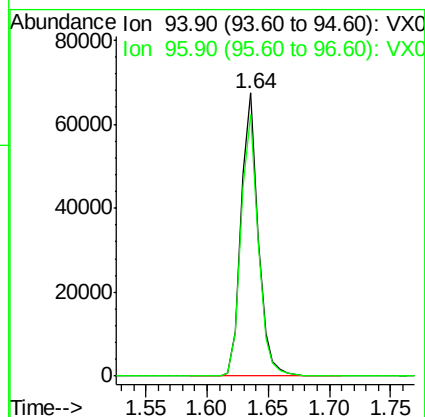
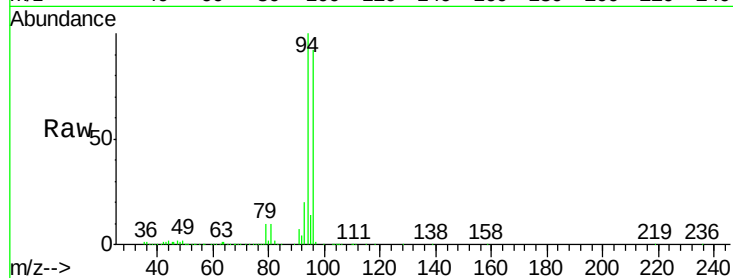
96 92.3 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 49.071 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008683.D

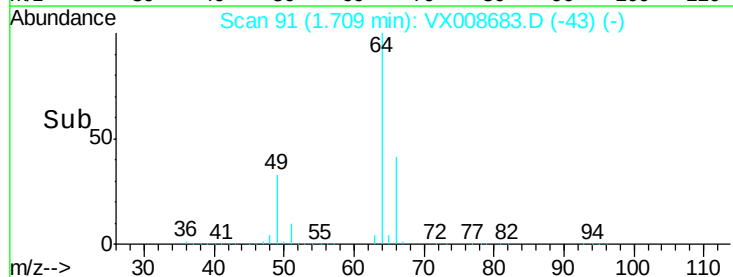
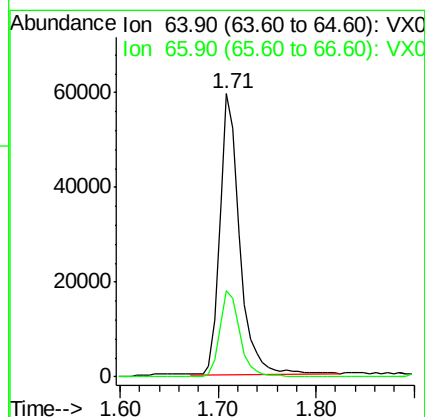
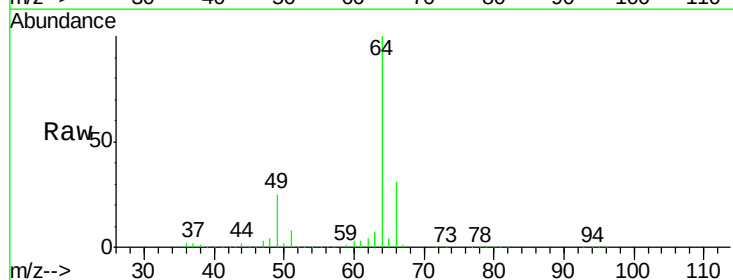
Acq: 05 Apr 2019 15:17

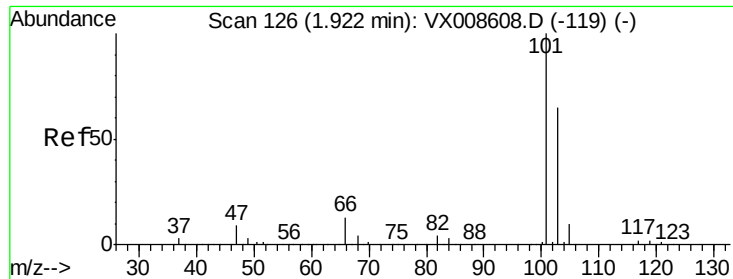
Tgt Ion: 64 Resp: 83817

Ion Ratio Lower Upper

64 100

66 30.7 25.4 38.0





#7

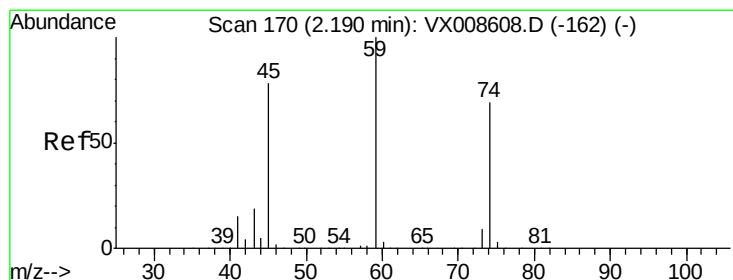
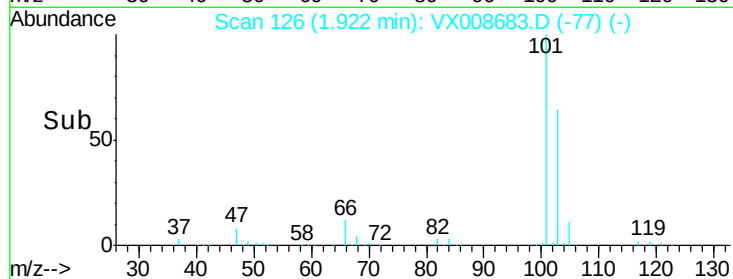
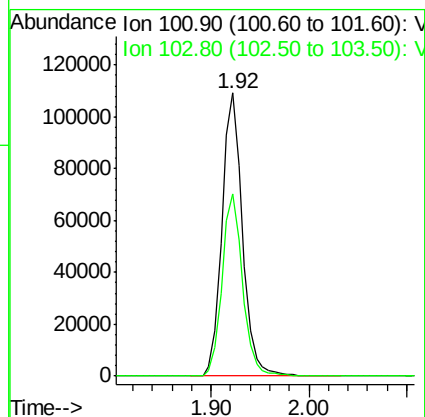
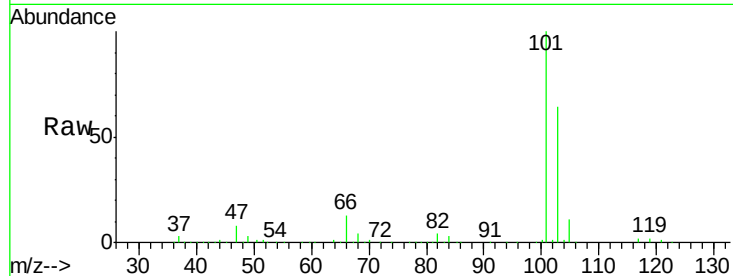
Trichlorofluoromethane
Concen: 45.855 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	158354		
103	64.4	52.3	78.5	

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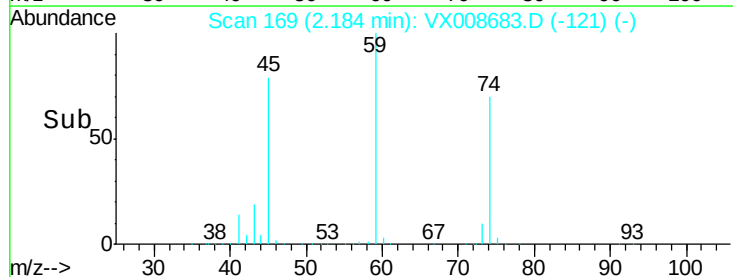
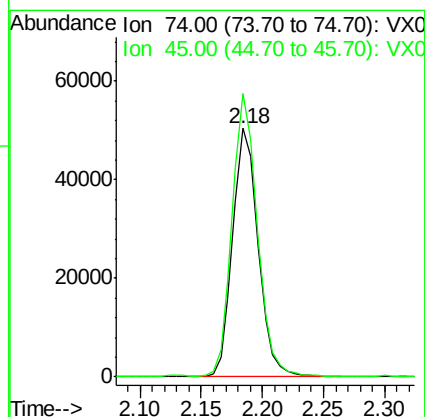
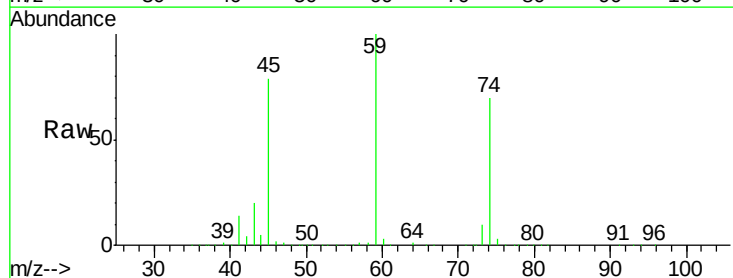
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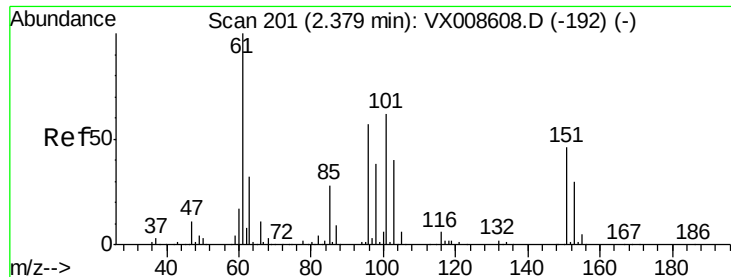


#8

Diethyl Ether
Concen: 44.341 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	72615		
45	112.0	56.5	169.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.806 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

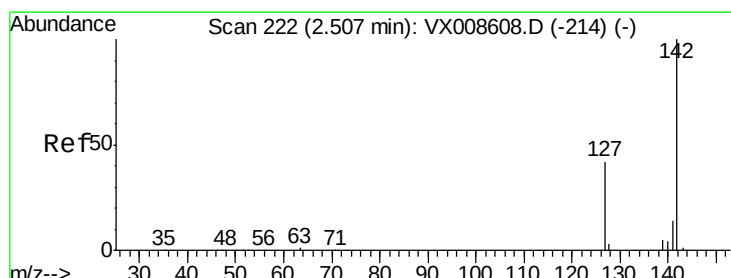
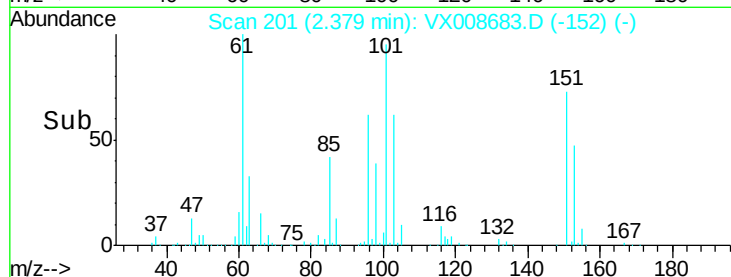
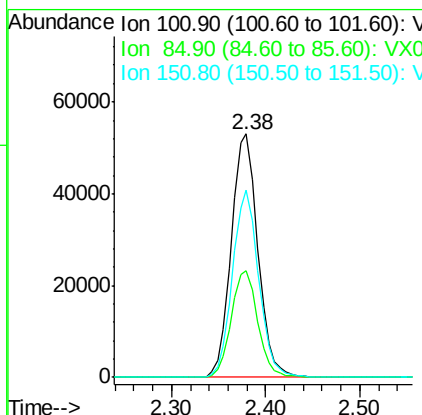
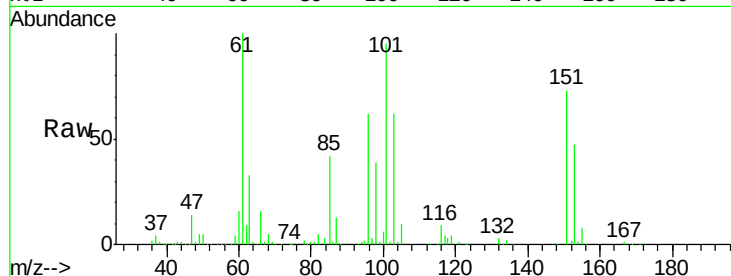
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	104068
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.0	54.0
151	76.0	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 39.264 ug/l

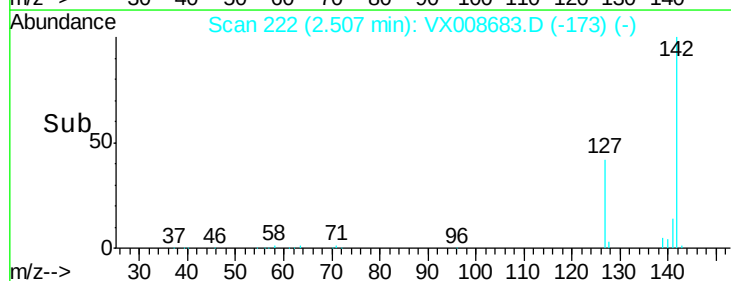
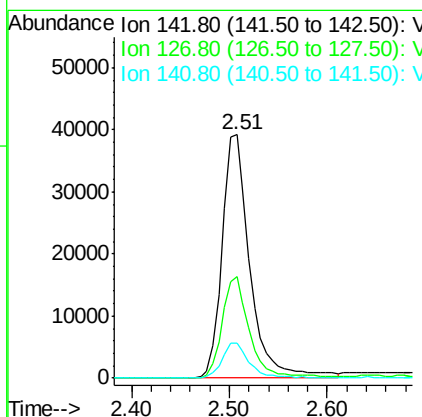
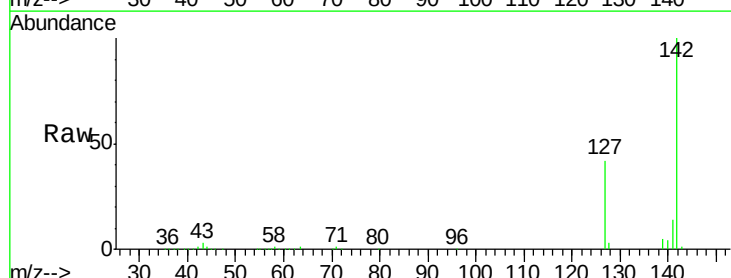
RT: 2.51 min Scan# 222

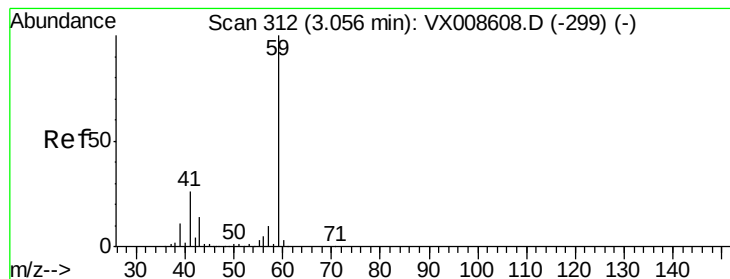
Delta R.T. 0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Tgt Ion:	142	Resp:	77615
Ion Ratio	Lower	Upper	
142	100		
127	40.6	33.0	49.6
141	14.7	11.4	17.2





#11

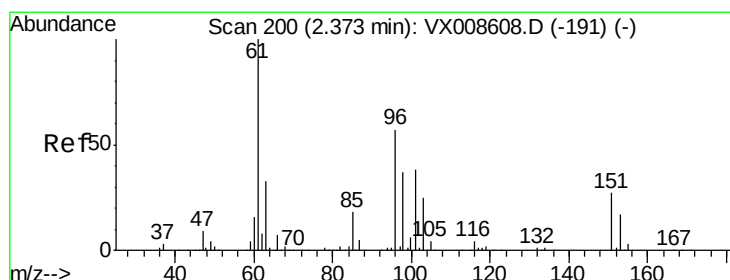
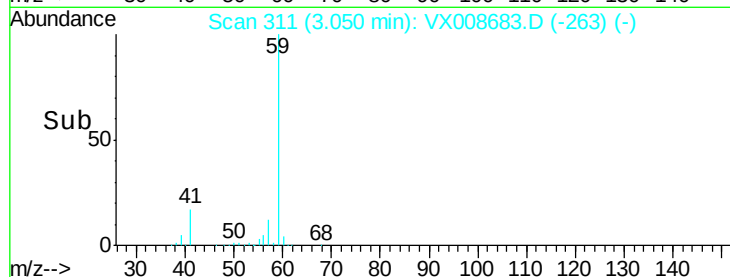
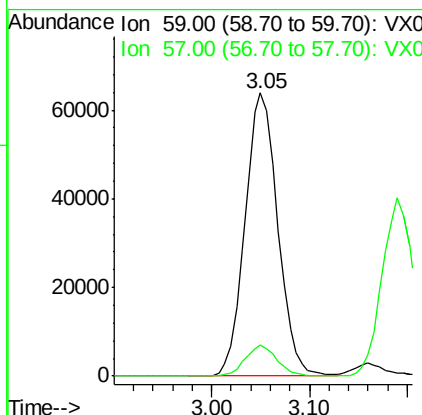
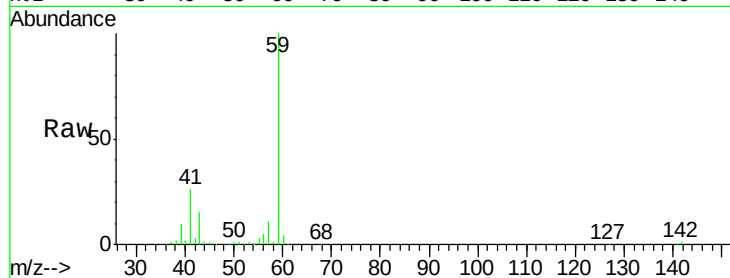
Tert butyl alcohol
 Concen: 216.440 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

Manual Integrations
 APPROVED

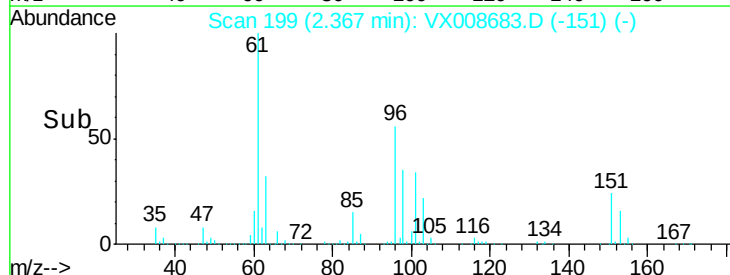
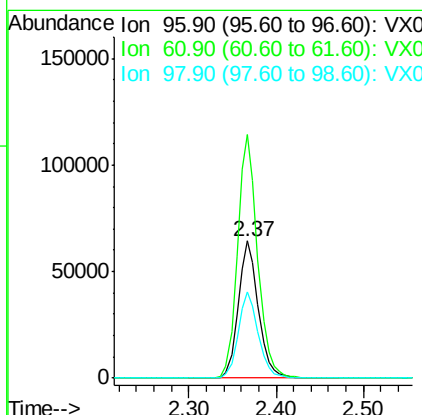
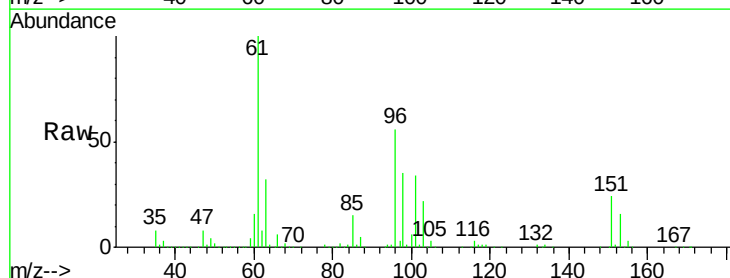
MMDadoda
 4/8/2019 9:49:47 AM

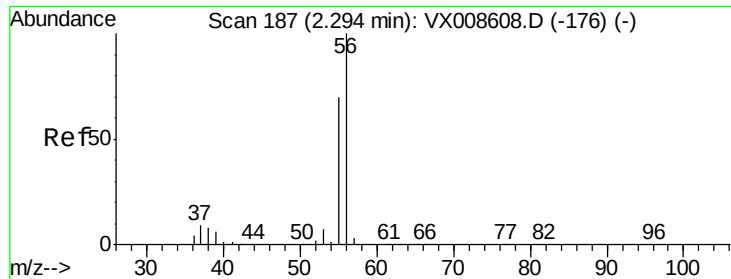


#12

1,1-Dichloroethene
 Concen: 44.133 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.9	140.9	211.3
98	63.1	52.1	78.1





#13

Acrolein

Concen: 187.184 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 63630

Ion Ratio Lower Upper

56 100

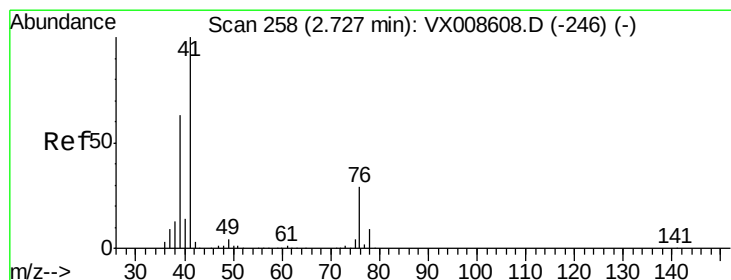
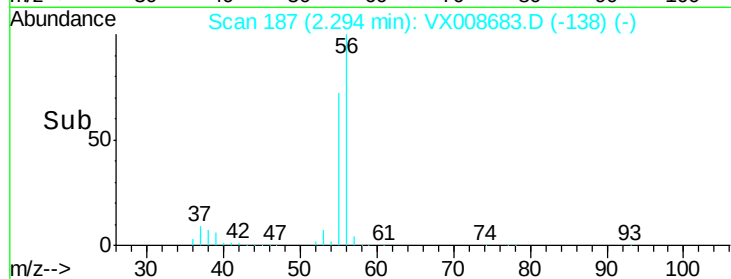
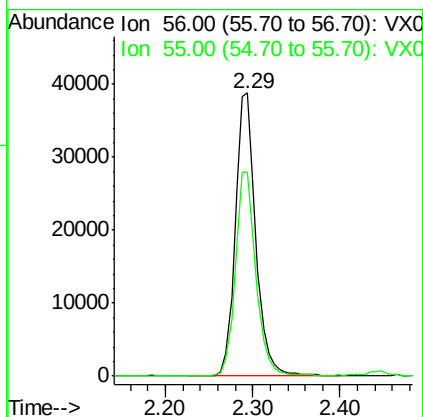
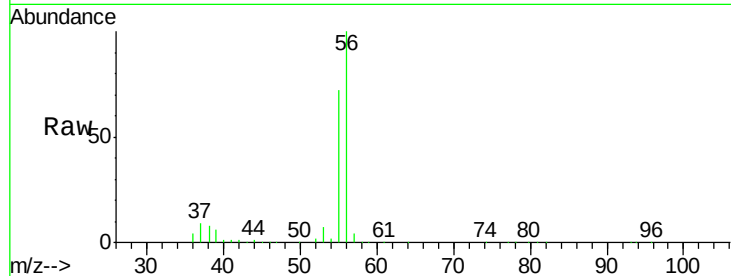
55 71.9 58.0 87.0

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 45.327 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

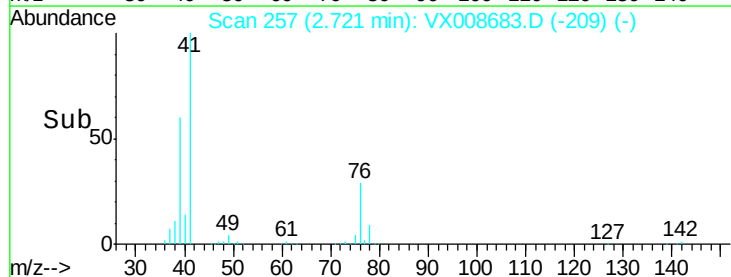
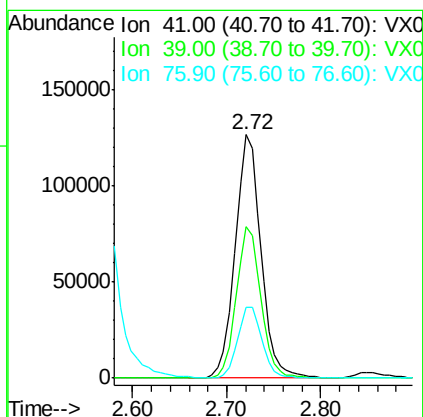
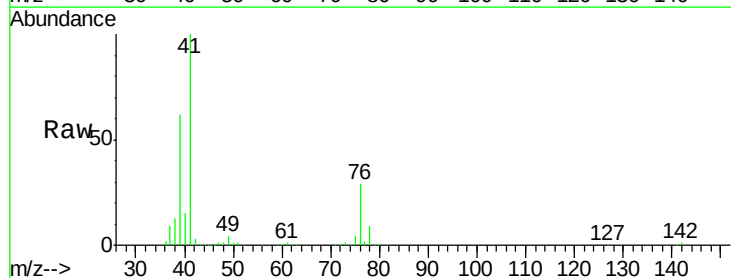
Tgt Ion: 41 Resp: 240840

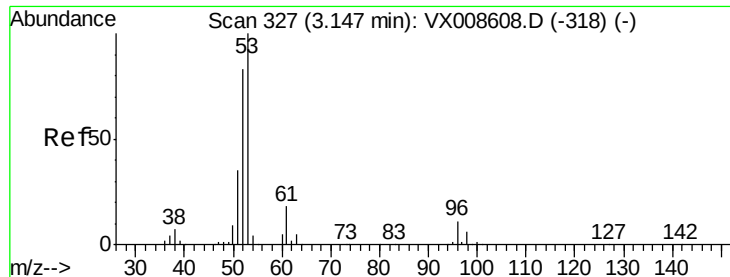
Ion Ratio Lower Upper

41 100

39 59.2 48.0 72.0

76 27.8 22.0 33.0





#15

Acrylonitrile

Concen: 214.592 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

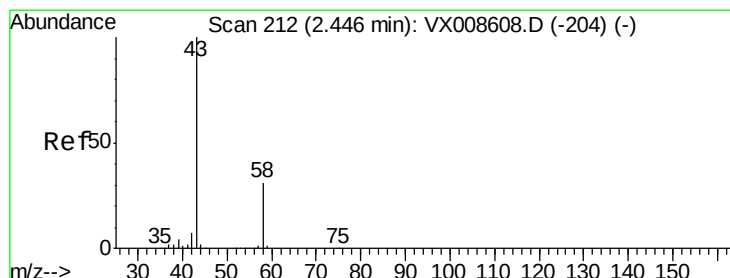
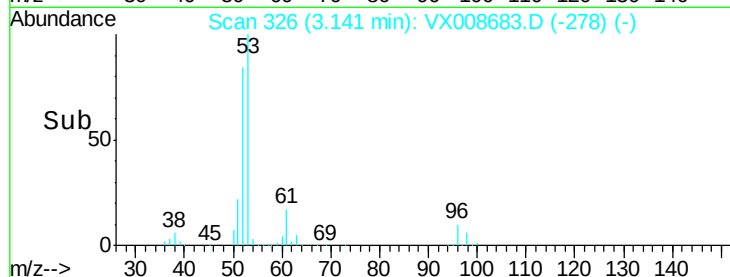
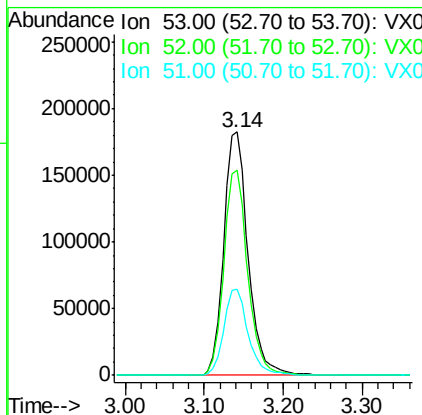
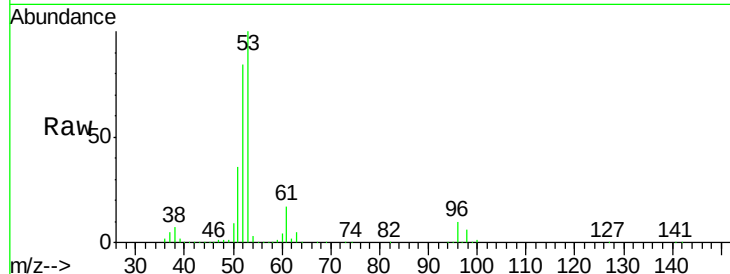
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	389730
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.5	99.7
51	35.6	28.6	42.8

Manual Integrations
APPROVED

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#16

Acetone

Concen: 235.701 ug/l

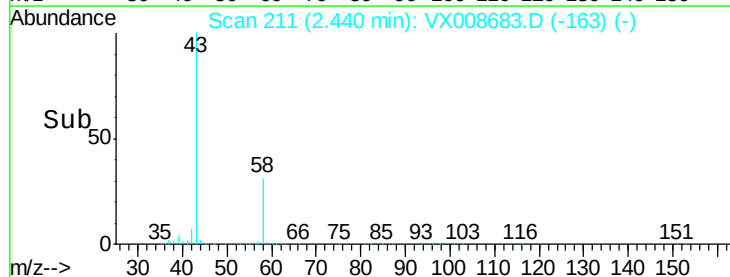
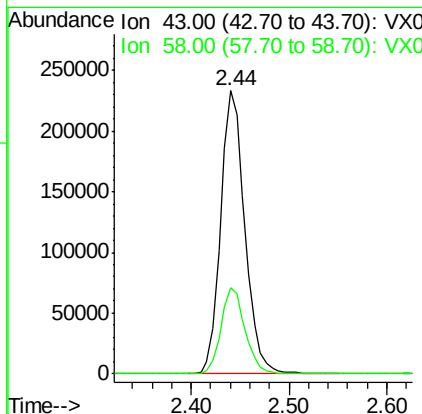
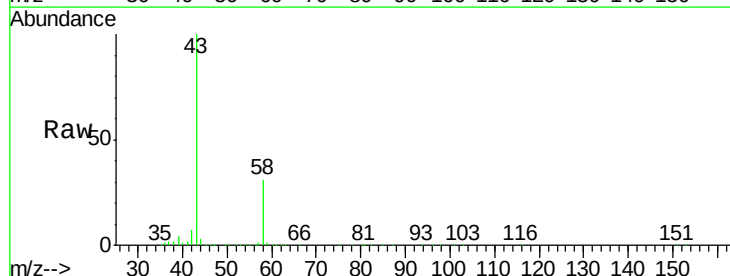
RT: 2.44 min Scan# 211

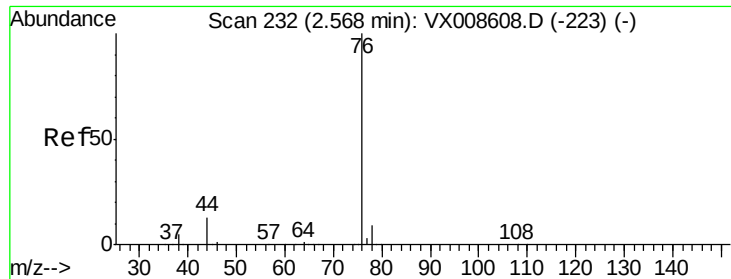
Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Tgt Ion:	43	Resp:	397538
Ion Ratio		Lower	Upper
43	100		
58	30.5	24.8	37.2





#17

Carbon Disulfide

Concen: 45.873 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 307871

Ion Ratio Lower Upper

76 100

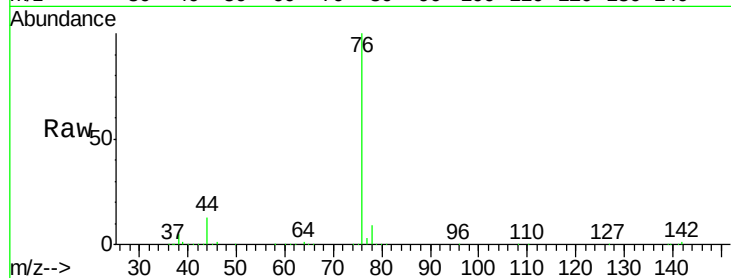
78 9.3 7.1 10.7

Manual Integrations

APPROVED

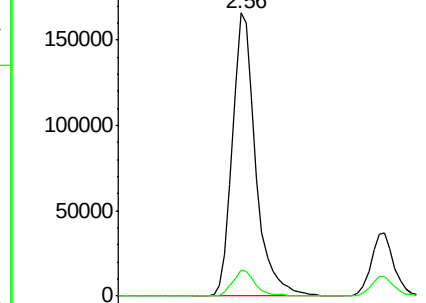
MMDadoda

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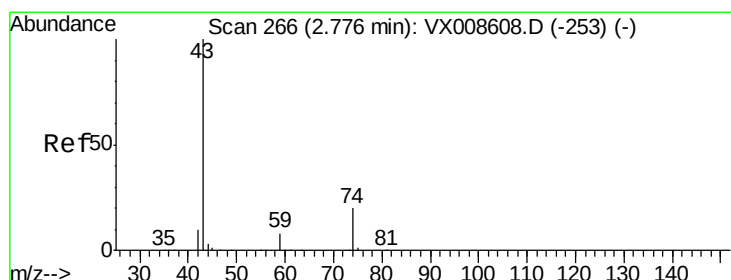
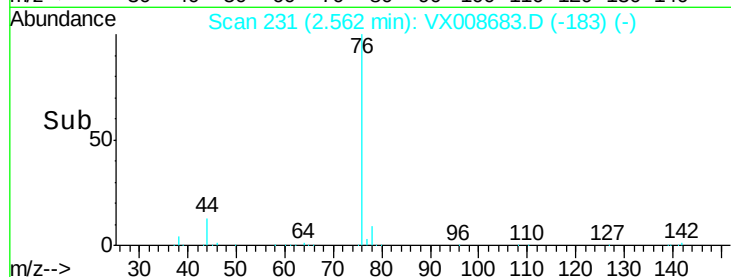


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 41.831 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008683.D

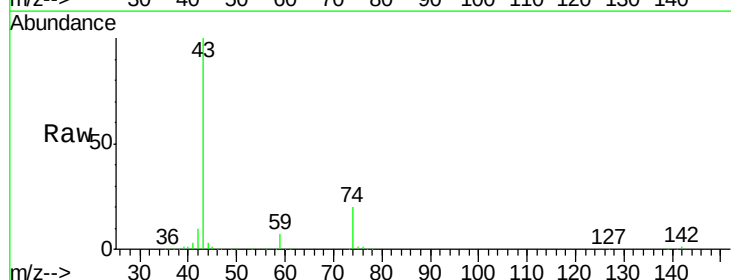
Acq: 05 Apr 2019 15:17

Tgt Ion: 43 Resp: 171111

Ion Ratio Lower Upper

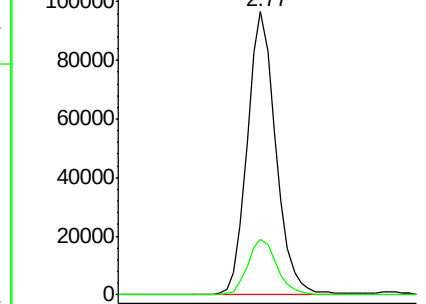
43 100

74 20.7 16.5 24.7

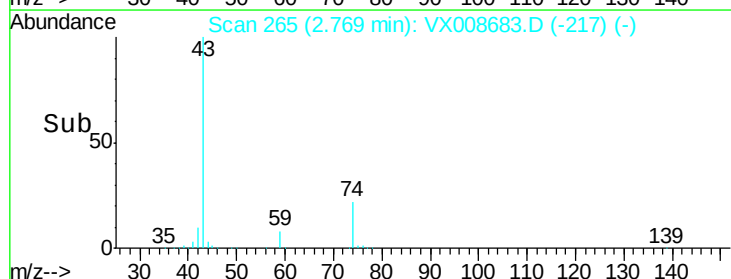


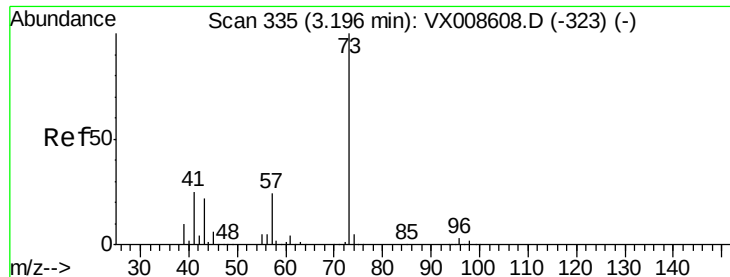
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





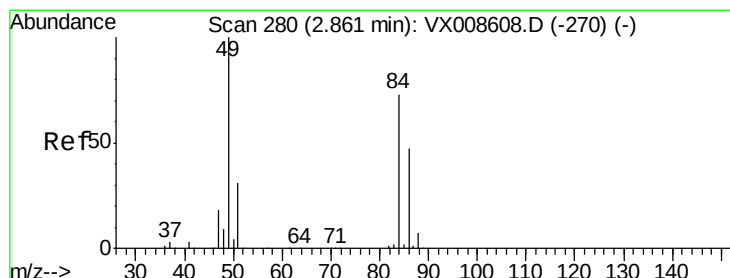
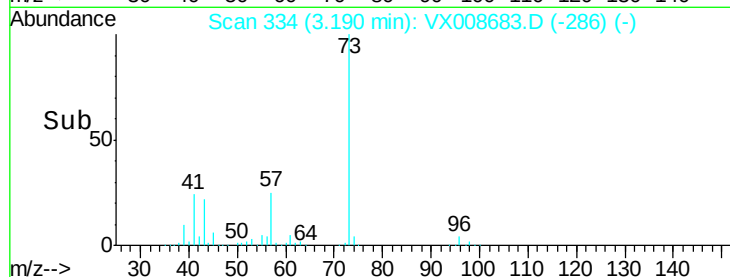
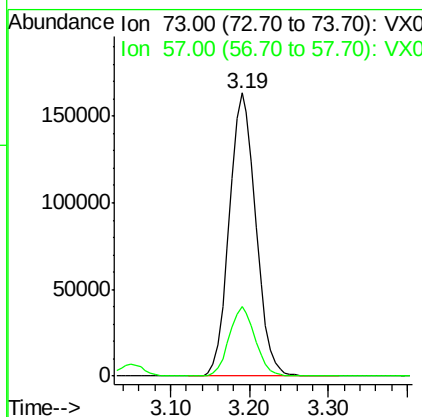
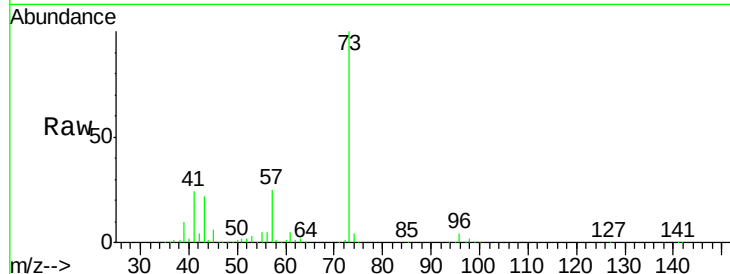
#19
Methyl tert-butyl Ether
Concen: 46.058 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 381771
Ion Ratio Lower Upper
73 100
57 24.7 19.5 29.3

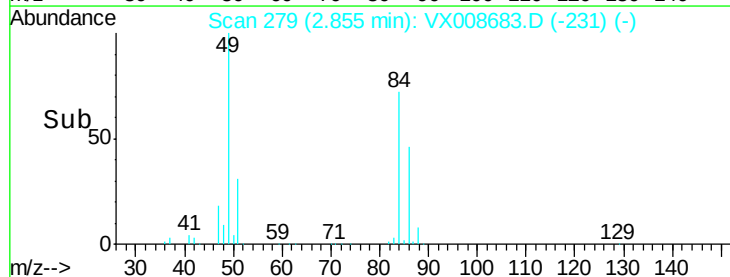
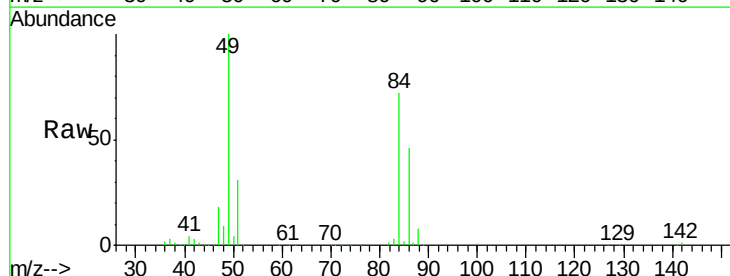
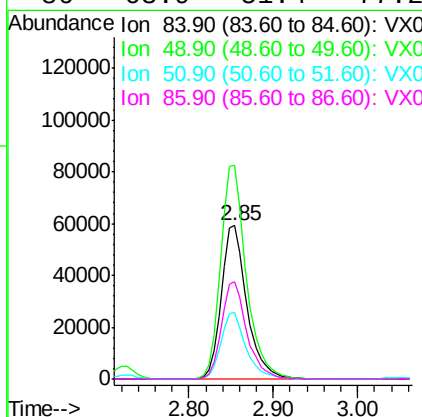
Manual Integrations
APPROVED

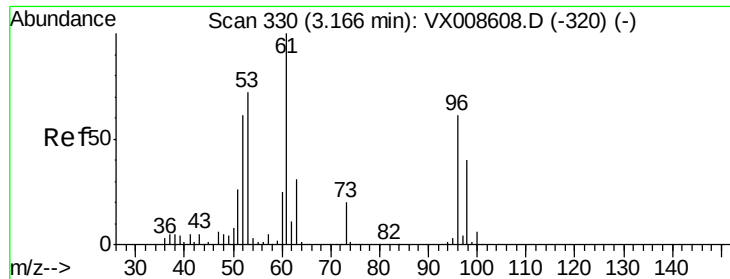
MMDadoda
4/8/2019 9:49:47 AM



#20
Methylene Chloride
Concen: 43.597 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion: 84 Resp: 123083
Ion Ratio Lower Upper
84 100
49 139.2 109.7 164.5
51 43.1 33.6 50.4
86 63.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 44.151 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

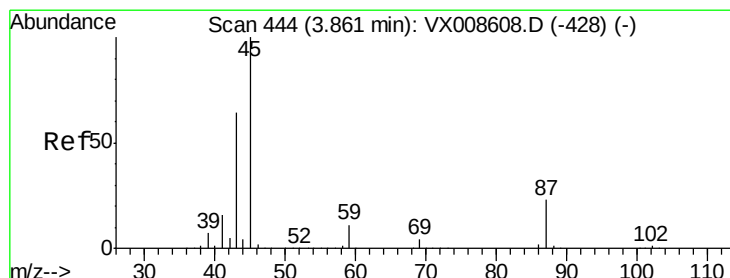
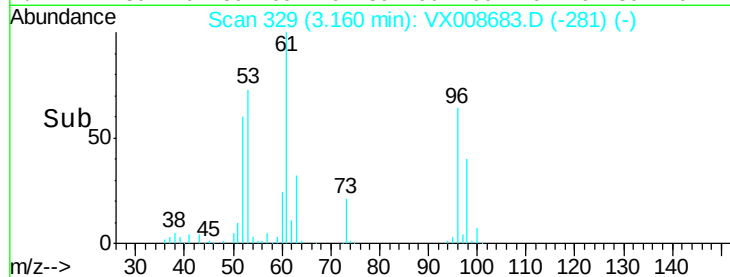
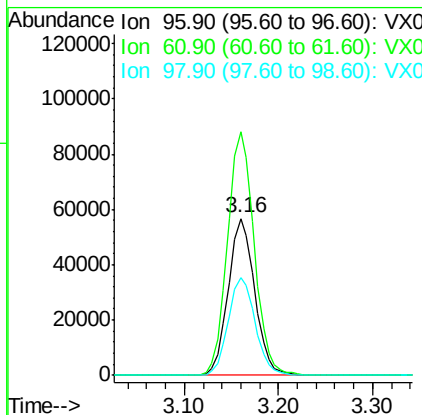
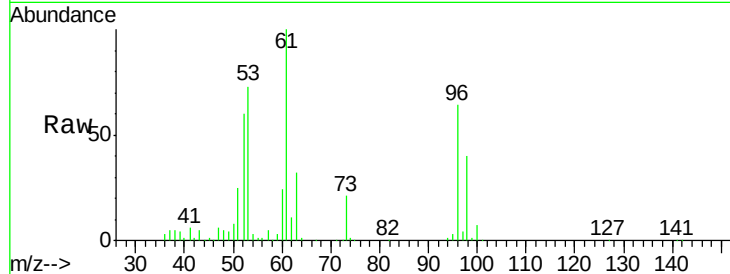
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	110846
Ion Ratio	Lower	Upper	
96	100		
61	155.3	132.1	198.1
98	62.4	52.2	78.2

Manual Integrations
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4/8/2019 9:49:47 AM



#22

Diisopropyl ether

Concen: 45.049 ug/l

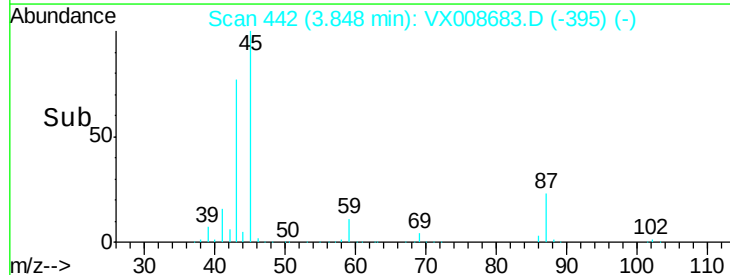
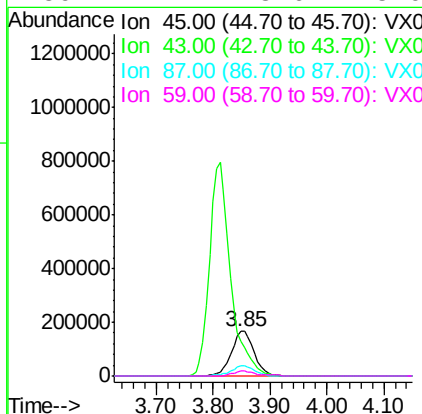
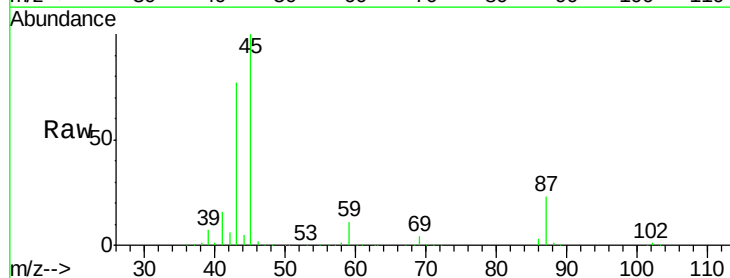
RT: 3.85 min Scan# 442

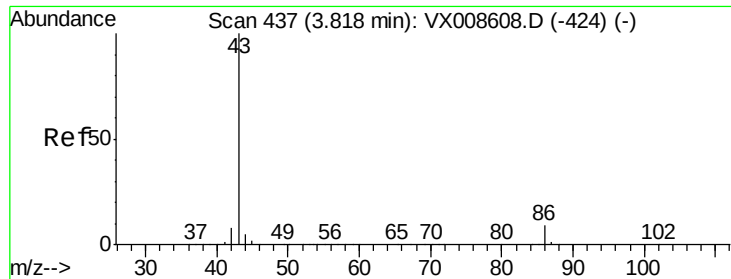
Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Tgt Ion:	45	Resp:	461351
Ion Ratio	Lower	Upper	
45	100		
43	76.6	51.3	76.9
87	23.4	18.1	27.1
59	11.1	8.6	13.0





#23

Vinyl Acetate

Concen: 230.810 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2056320

Ion Ratio Lower Upper

43 100

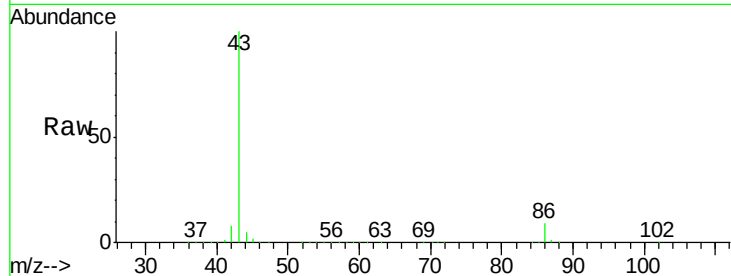
86 8.6 7.0 10.6

Manual Integrations

APPROVED

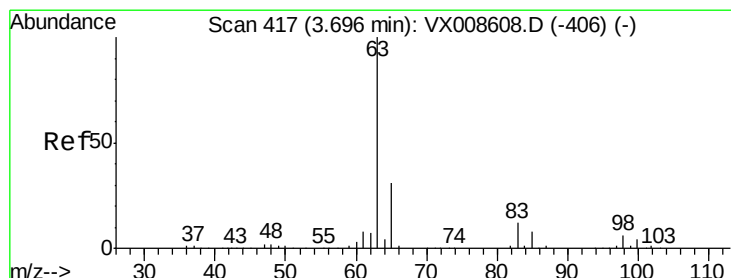
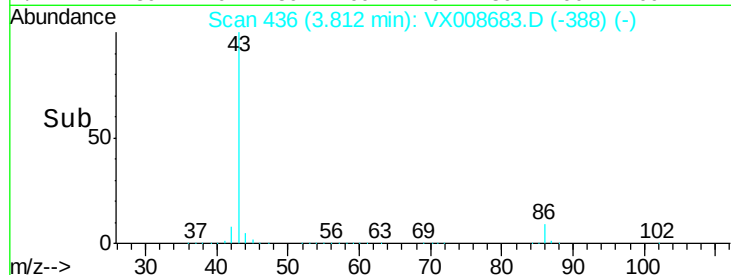
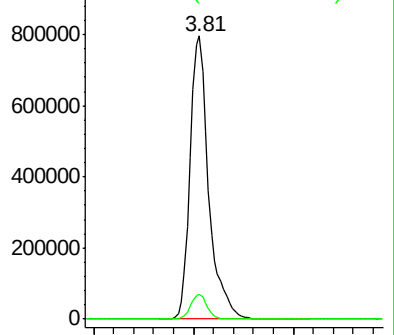
MMDadoda

4/8/2019 9:49:47 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.118 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

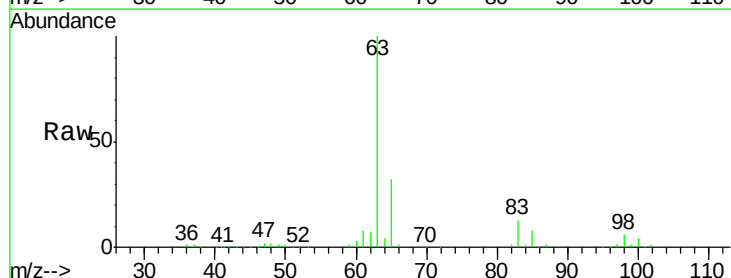
Tgt Ion: 63 Resp: 228771

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

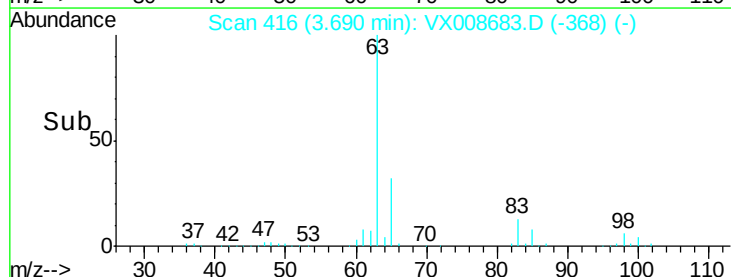
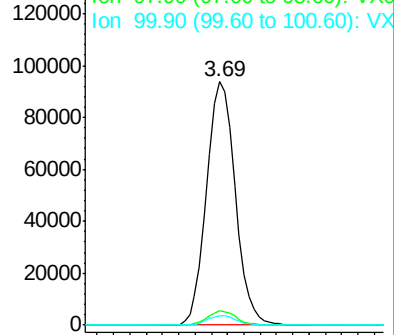
100 3.8 1.8 5.5

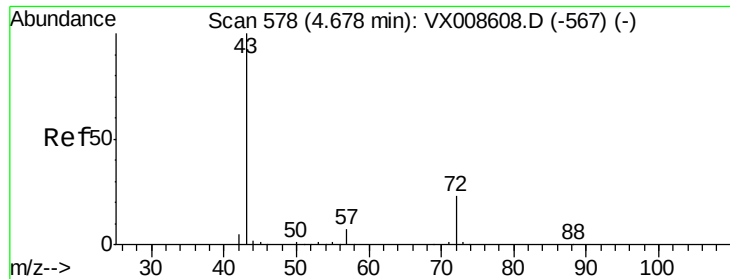


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 224.895 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 599512

Ion Ratio Lower Upper

43 100

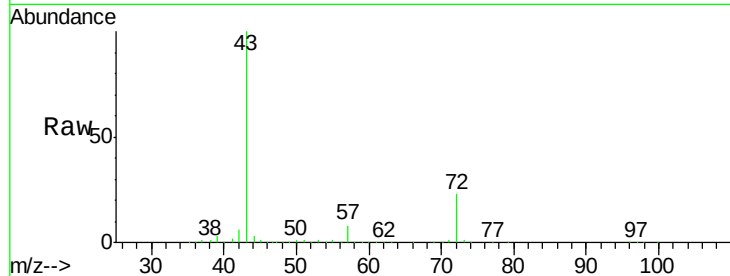
72 23.3 18.2 27.4

Manual Integrations

APPROVED

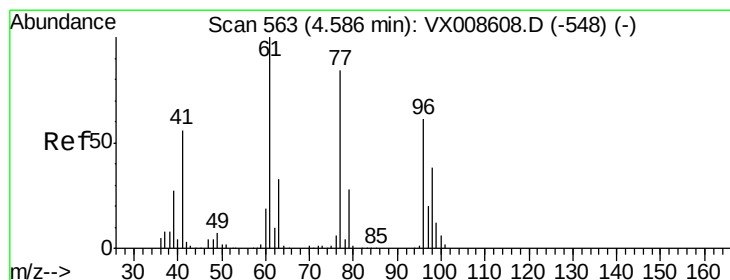
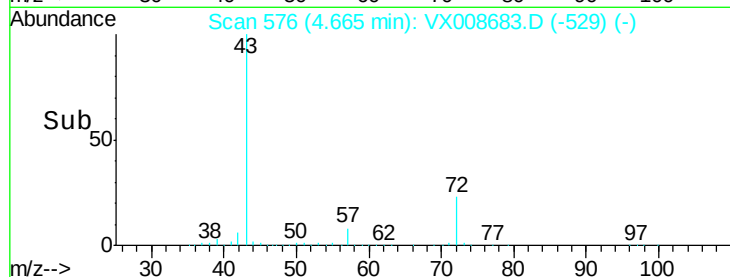
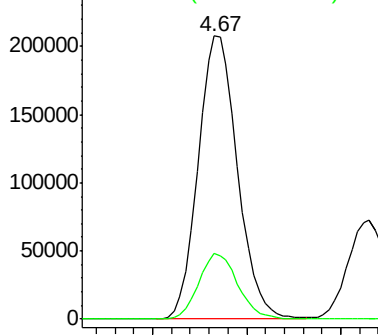
MMDadoda

4/8/2019 9:49:47 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: 47.921 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008683.D

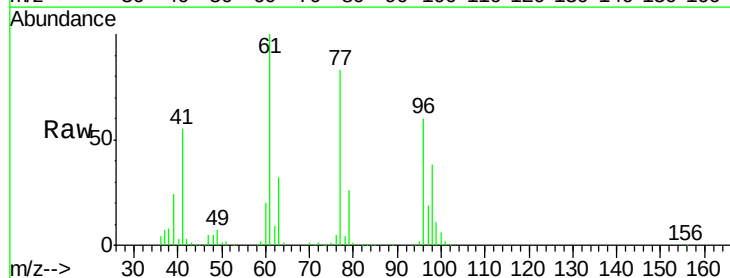
Acq: 05 Apr 2019 15:17

Tgt Ion: 77 Resp: 171138

Ion Ratio Lower Upper

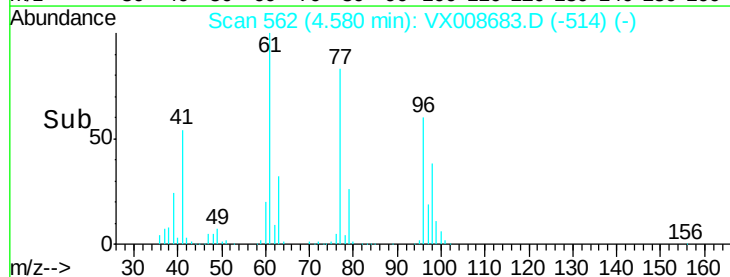
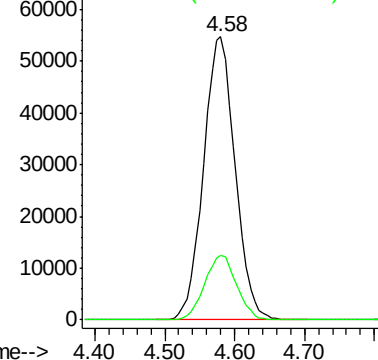
77 100

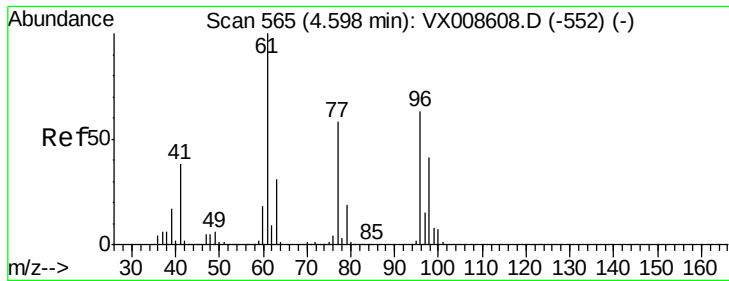
97 23.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

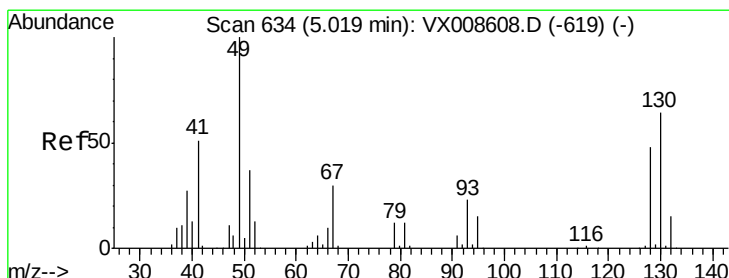
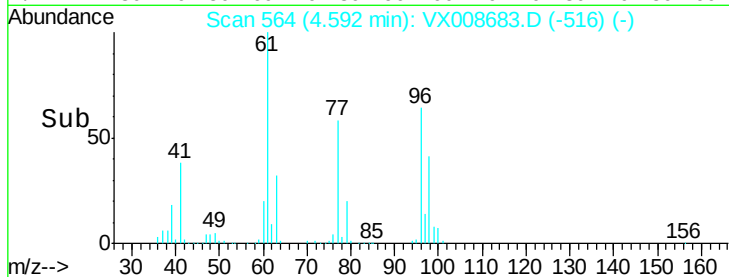
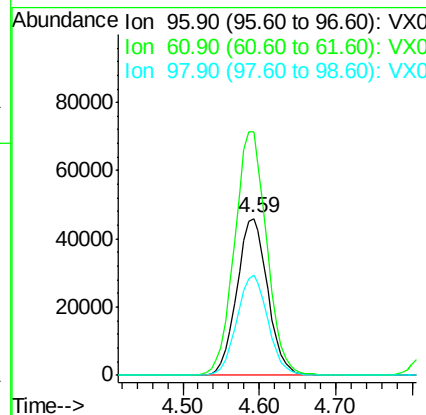
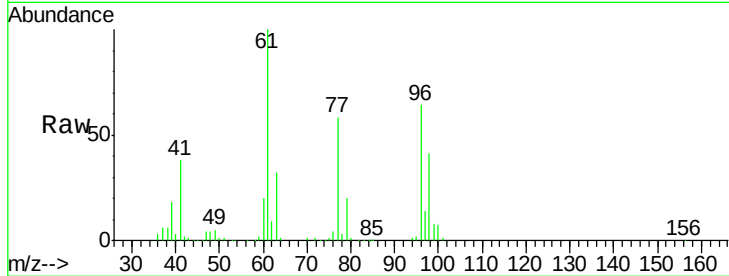
cis-1,2-Dichloroethene
Concen: 44.587 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	128700		
61	161.7	0.0	327.6	
98	64.3	0.0	128.6	

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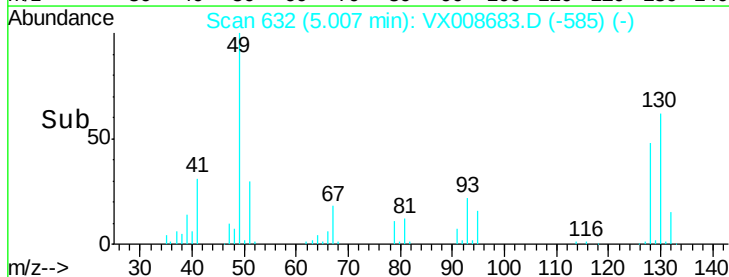
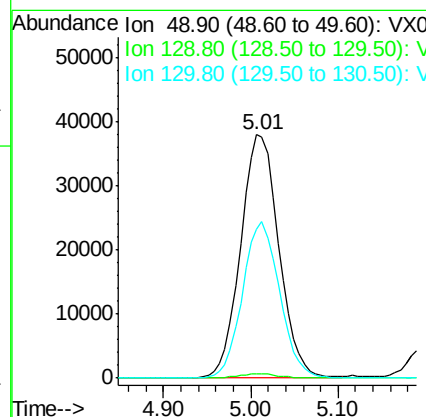
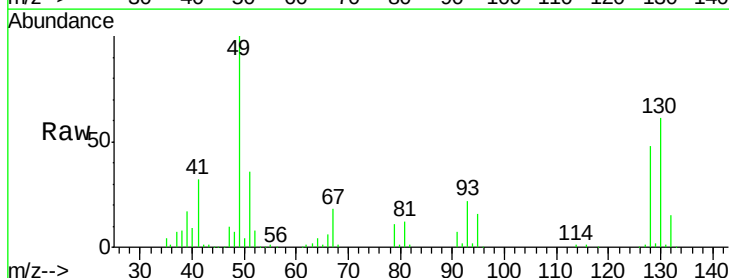
MMDadoda
4/8/2019 9:49:47 AM

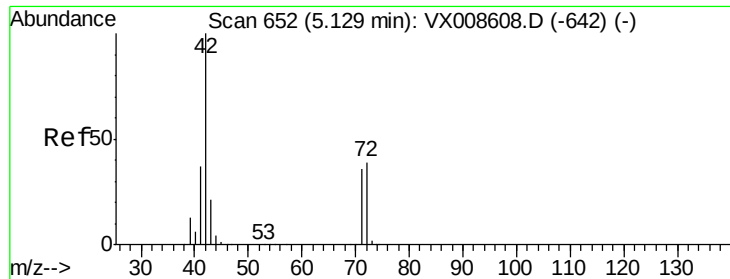


#28

Bromochloromethane
Concen: 54.992 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115836		
129	1.8	0.0	3.6	
130	62.4	49.3	73.9	





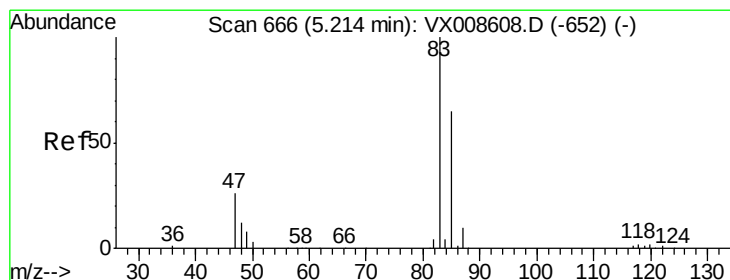
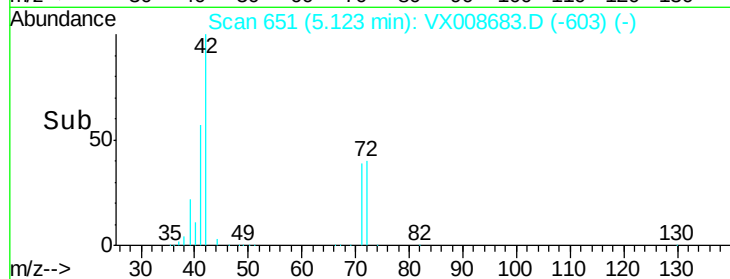
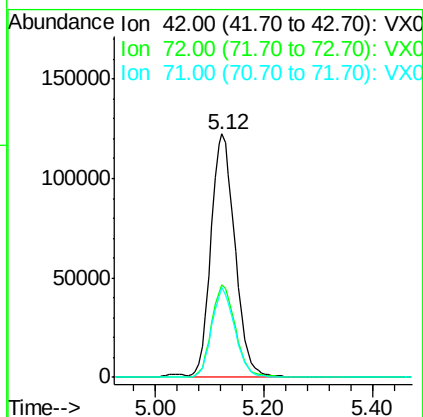
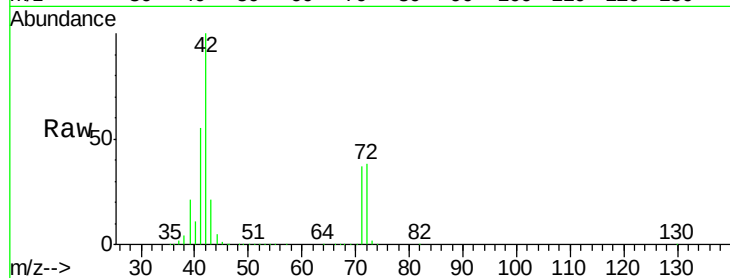
#29
Tetrahydrofuran
Concen: 210.933 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.0	30.5	45.7
71	35.6	28.6	43.0

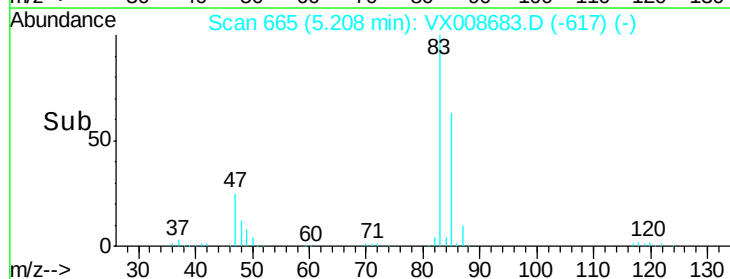
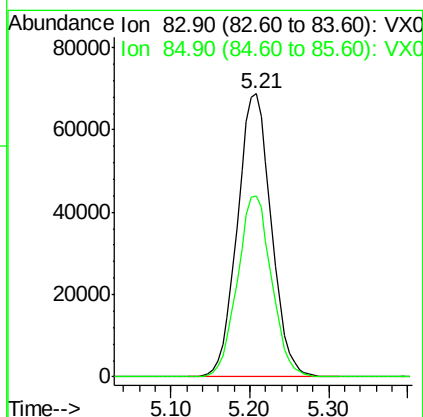
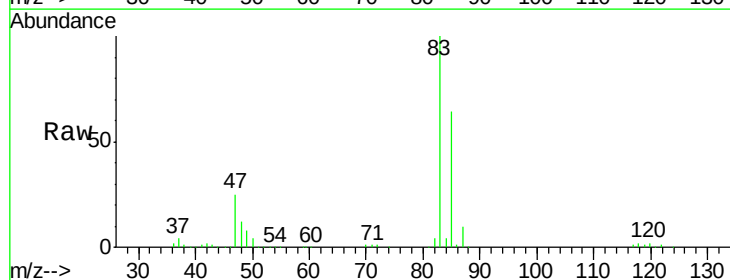
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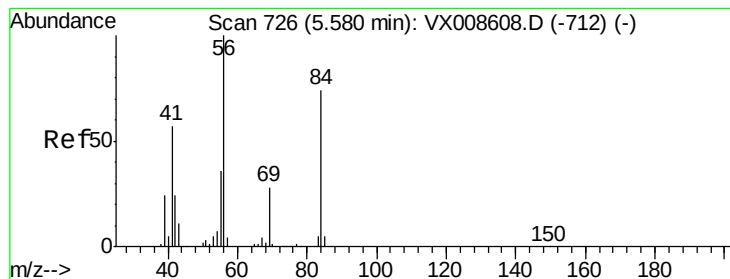
MMDadoda
4/8/2019 9:49:47 AM



#30
Chloroform
Concen: 45.381 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.1	78.1





#31

Cyclohexane

Concen: 45.383 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

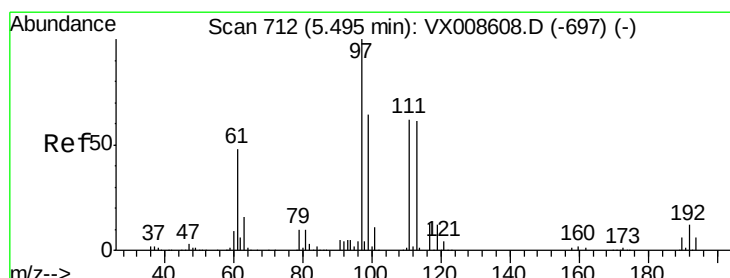
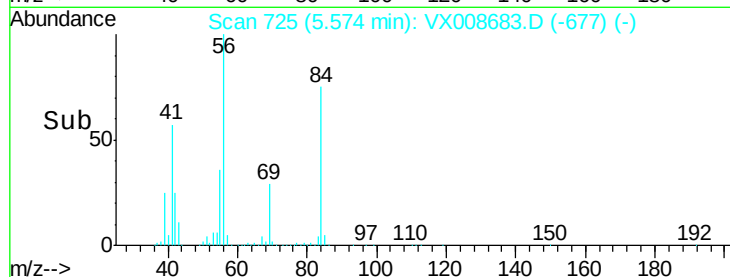
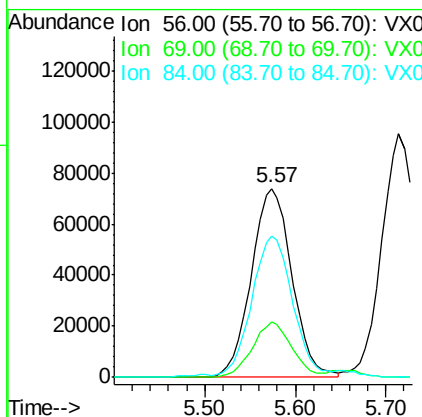
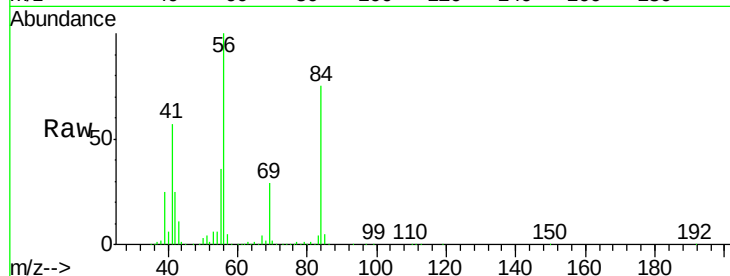
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	229612
Ion	Ratio	Lower	Upper
56	100		
69	29.3	22.6	33.8
84	73.6	59.3	88.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.613 ug/l

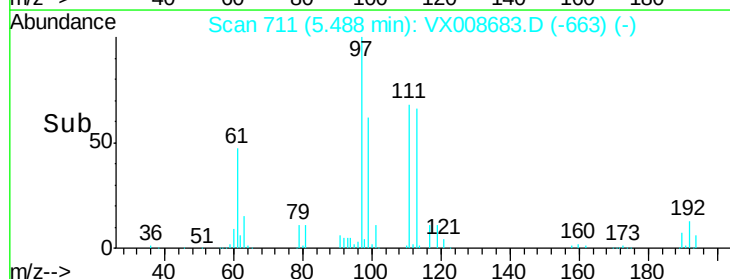
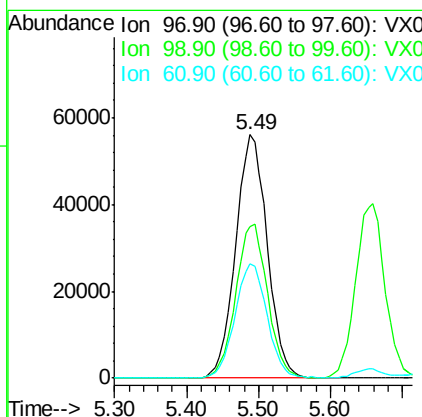
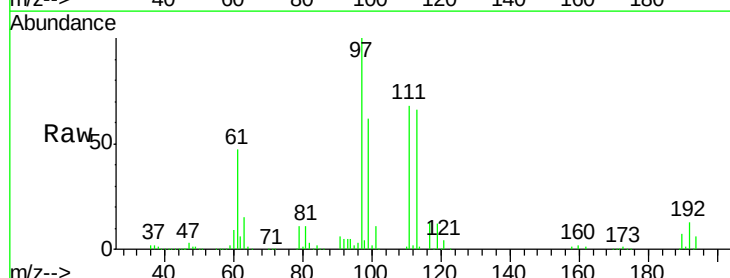
RT: 5.49 min Scan# 711

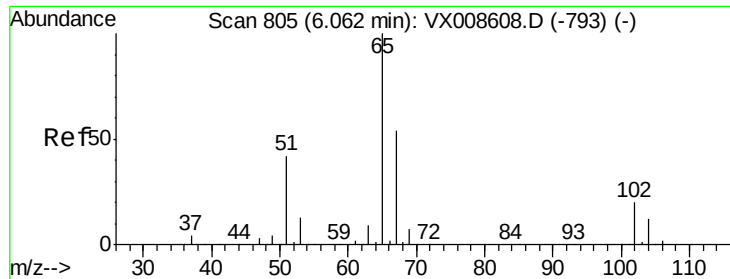
Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Tgt Ion:	97	Resp:	170592
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	48.0	38.9	58.3





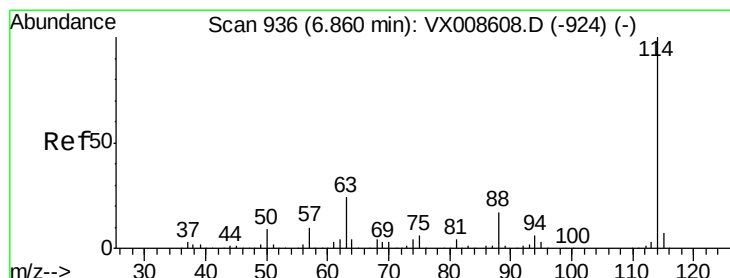
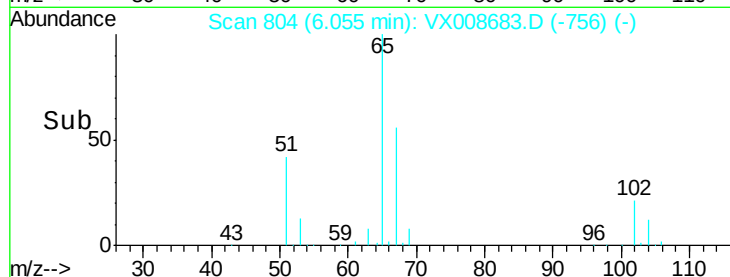
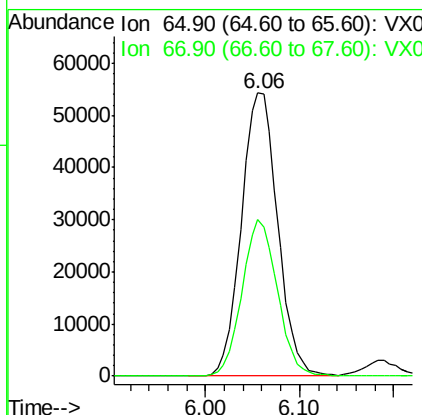
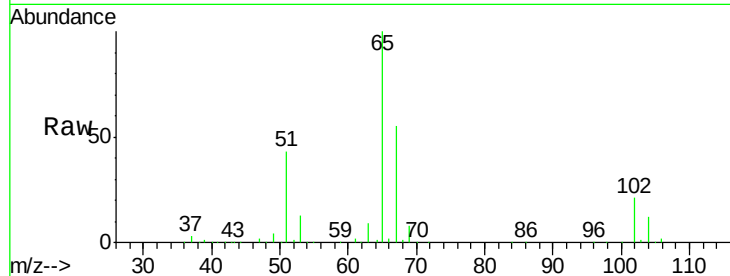
#33
 1,2-Dichloroethane-d4
 Concen: 50.224 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 147072
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2

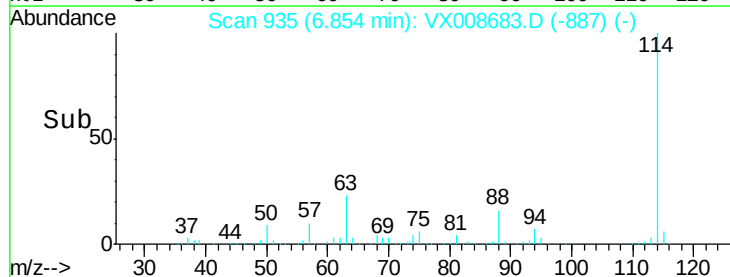
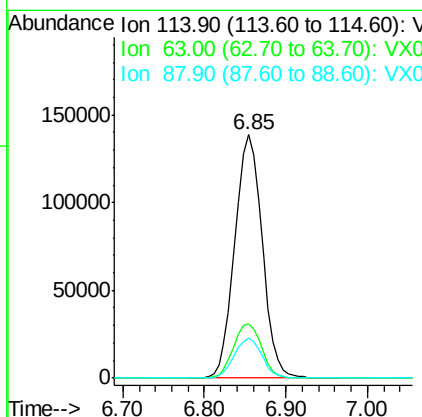
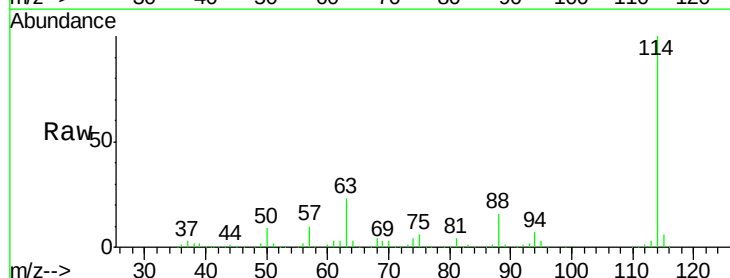
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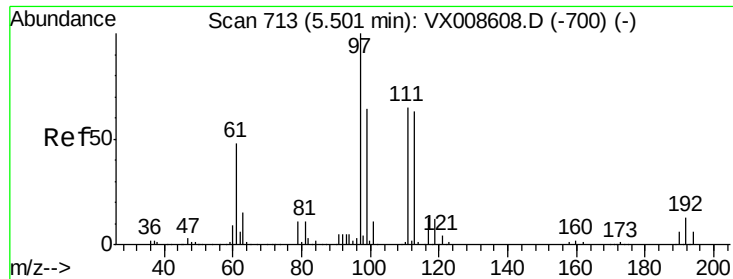
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Tgt Ion: 114 Resp: 322768
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.2
 88 16.4 0.0 34.0





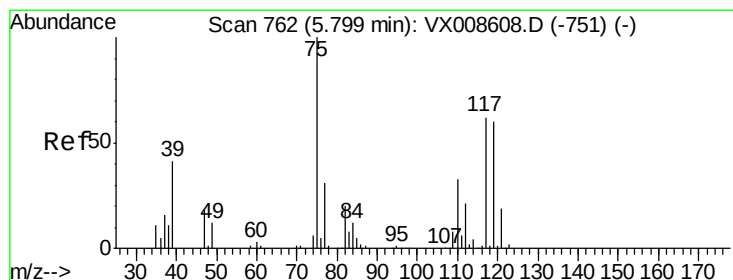
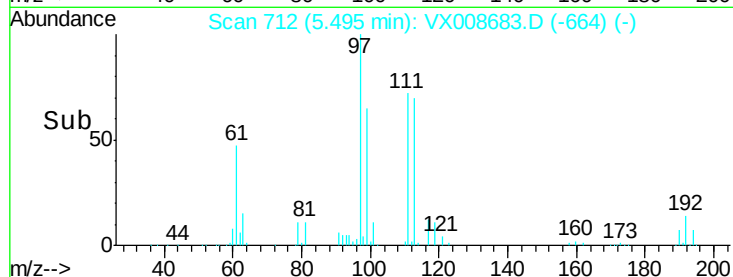
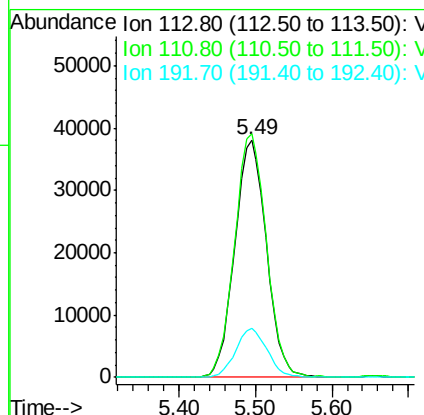
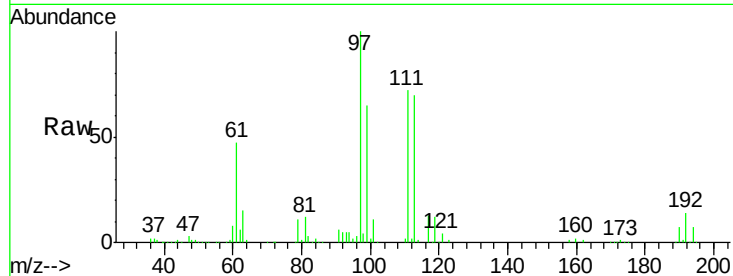
#35
 Dibromofluoromethane
 Concen: 53.048 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	109472		
111	103.1	83.4	125.2	
192	20.4	16.1	24.1	

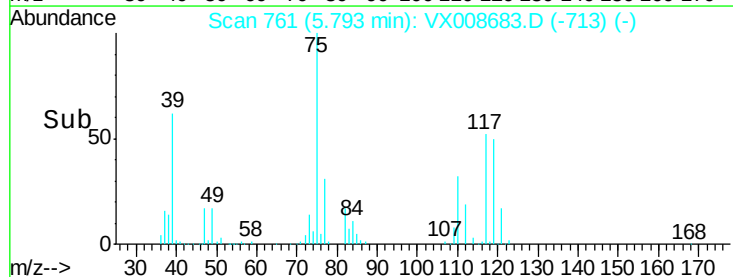
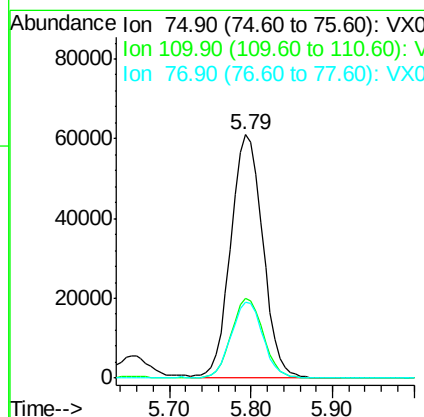
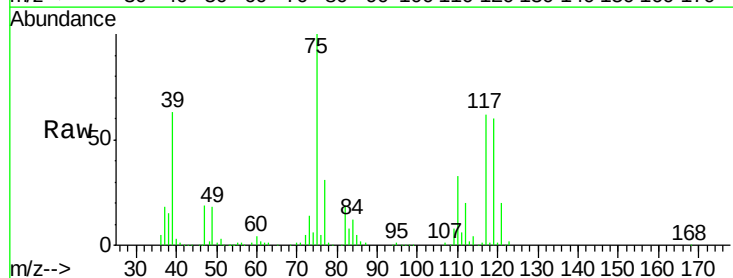
Manual Integrations
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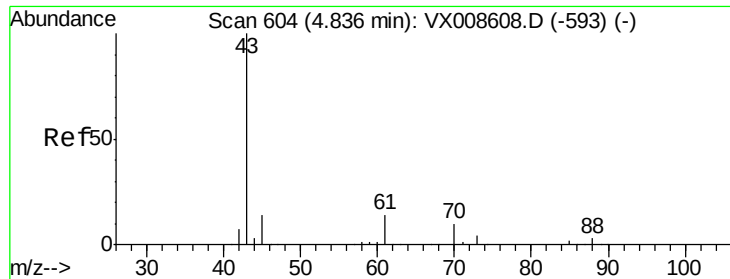
MMDadoda
 4/8/2019 9:49:47 AM



#36
 1,1-Dichloropropene
 Concen: 46.831 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	165228		
110	32.8	16.4	49.2	
77	31.1	24.7	37.1	





#37

Ethyl Acetate

Concen: 45.549 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

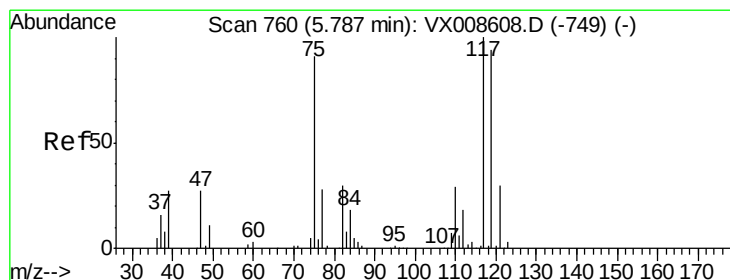
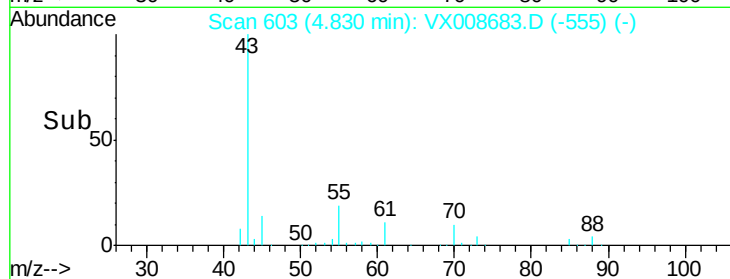
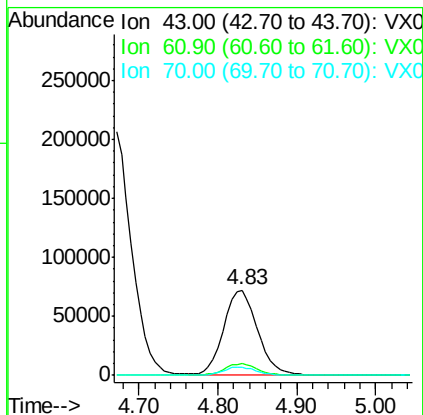
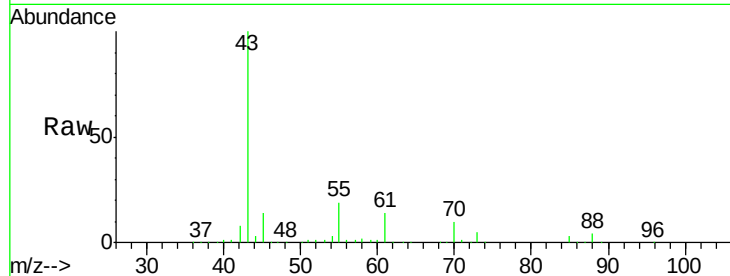
ClientSampled :

VSTDCCC050

Tgt Ion:	43	Resp:	214507
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.3	15.5
70	9.7	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 48.616 ug/l

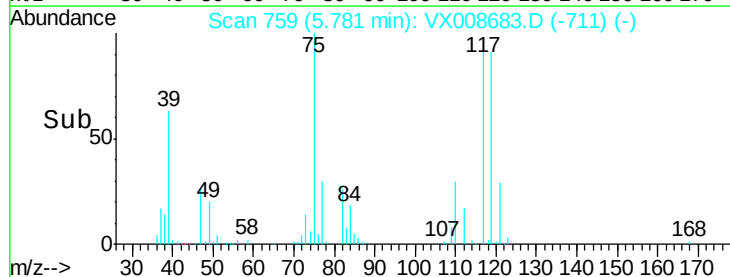
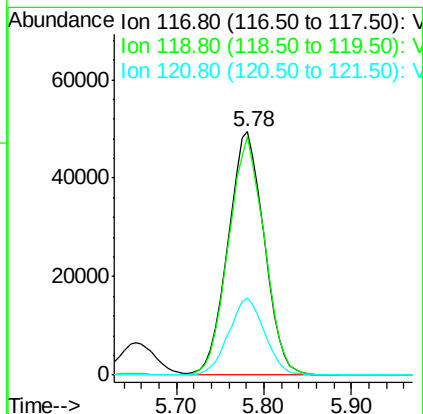
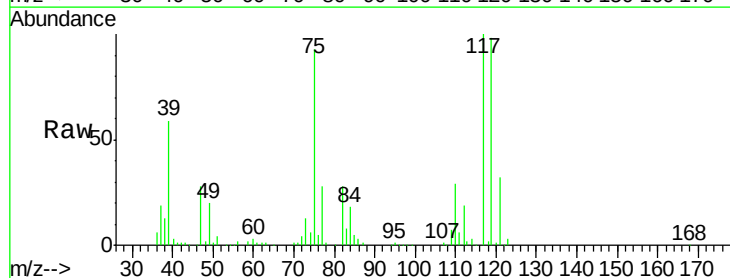
RT: 5.78 min Scan# 759

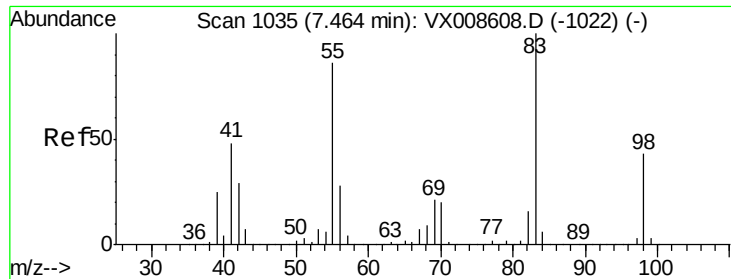
Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Tgt Ion:	117	Resp:	141965
Ion Ratio	Lower	Upper	
117	100		
119	98.0	75.0	112.6
121	31.5	24.3	36.5





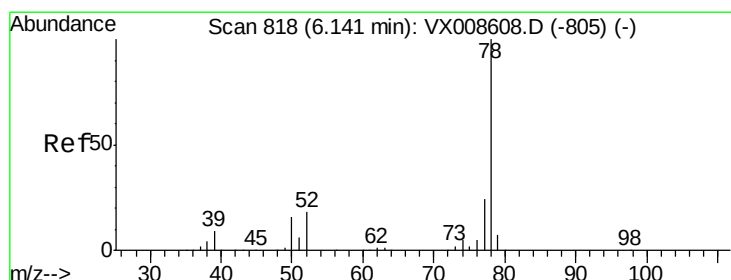
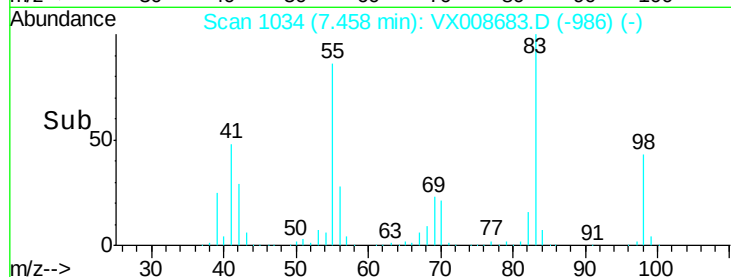
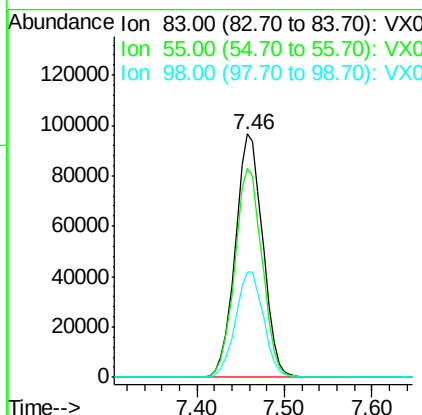
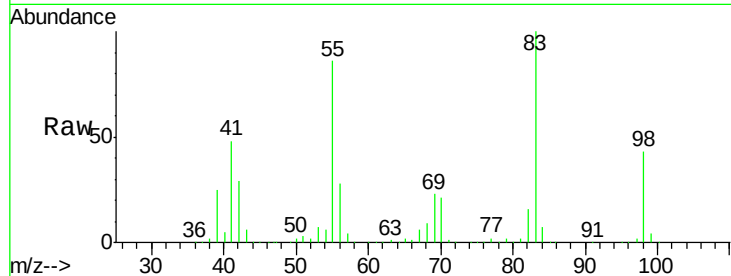
#39
Methylcyclohexane
Concen: 48.335 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	210666		
55	86.1	69.0	103.6	
98	43.4	34.4	51.6	

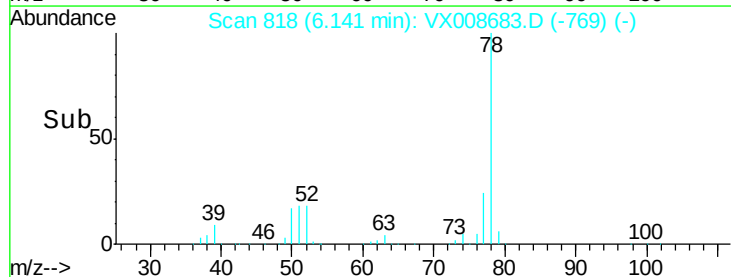
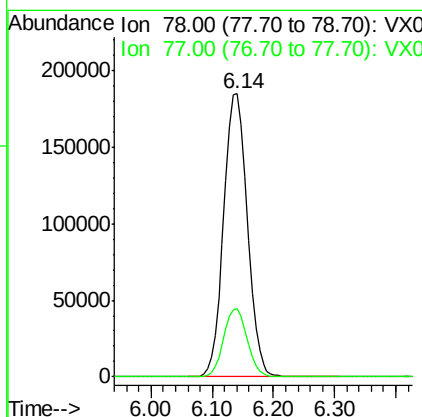
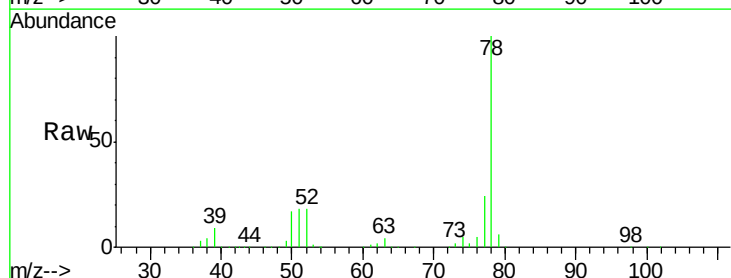
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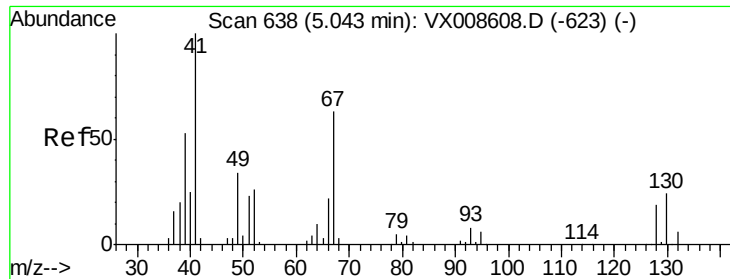
MMDadoda
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#40
Benzene
Concen: 47.078 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	494828		
77	24.4	19.1	28.7	





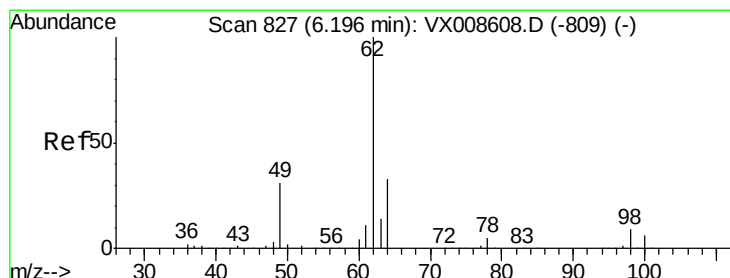
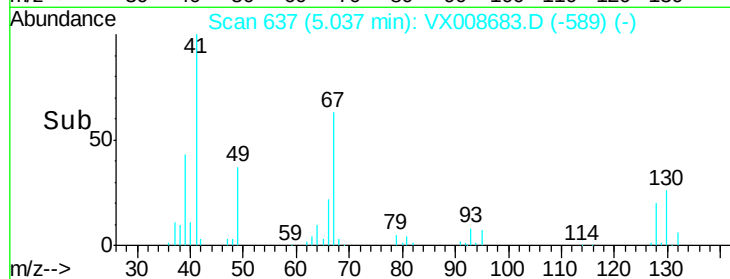
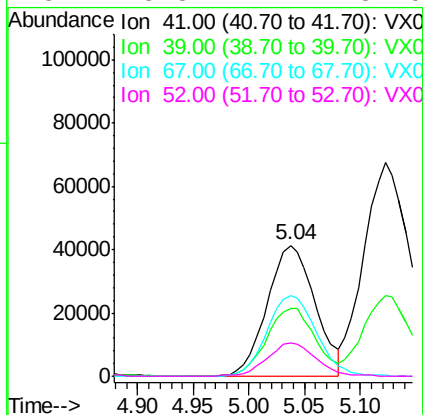
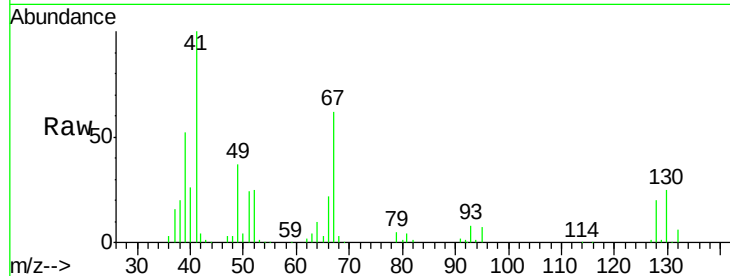
#41
Methacrylonitrile
Concen: 45.715 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	42.1	63.1	
67	63.9	51.0	76.6	
52	25.8	21.4	32.0	

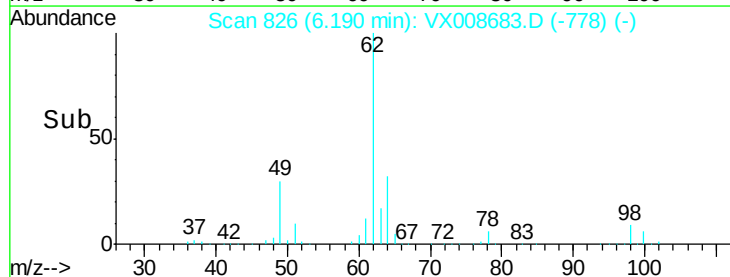
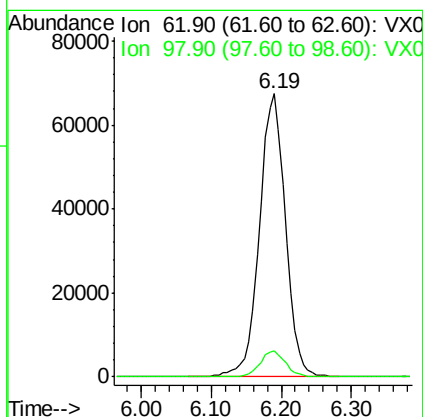
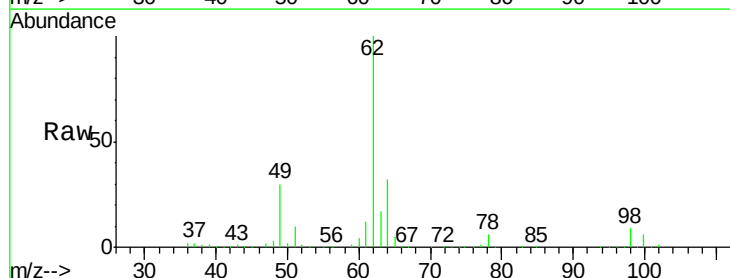
Manual Integrations
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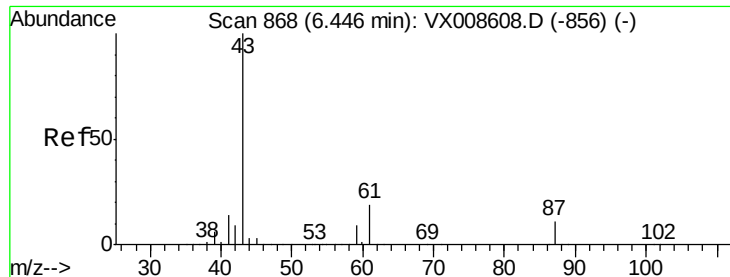
MMDadoda
4/8/2019 9:49:47 AM



#42
1,2-Dichloroethane
Concen: 46.470 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	18.0	





#43

Isopropyl Acetate

Concen: 47.671 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

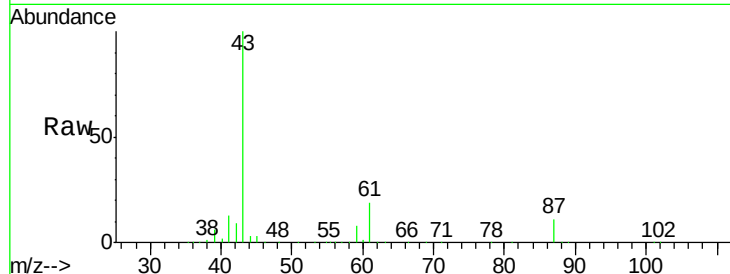
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	351678
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	11.3	9.0	13.6

Manual Integrations
APPROVED

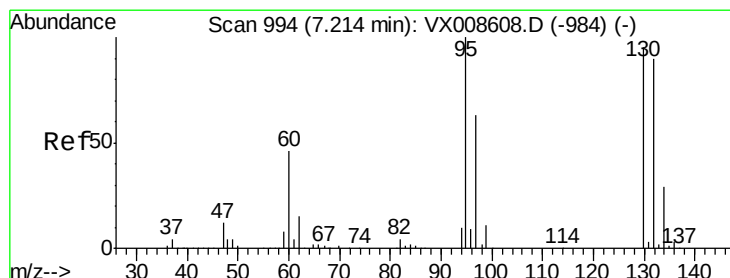
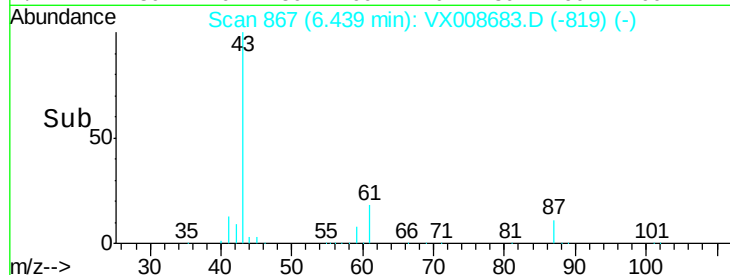
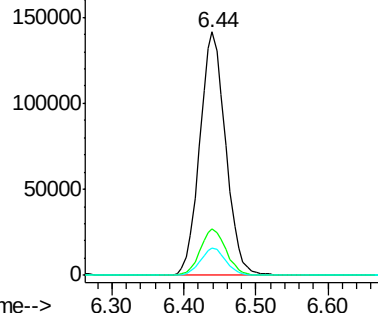
MMDadoda
4/8/2019 9:49:47 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.745 ug/l

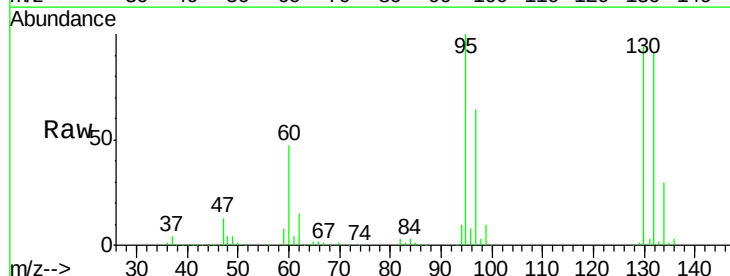
RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008683.D

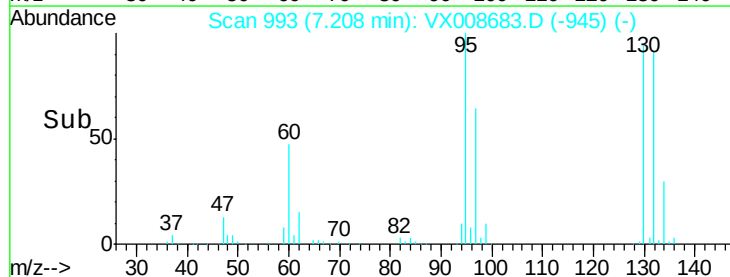
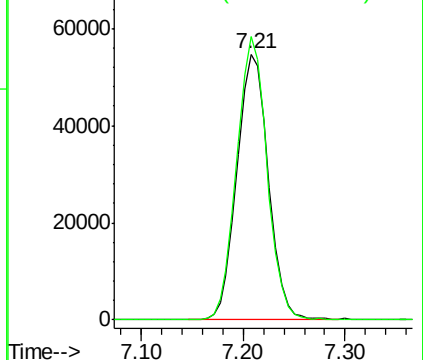
Acq: 05 Apr 2019 15:17

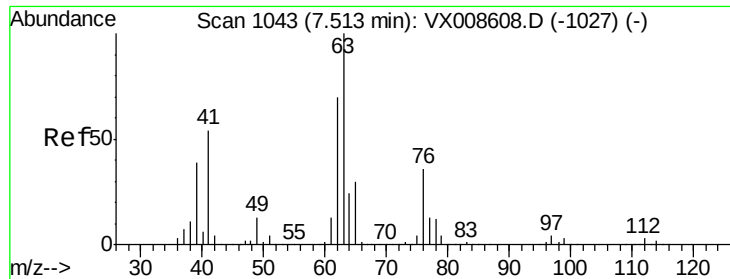
Tgt Ion:	130	Resp:	116881
Ion	Ratio	Lower	Upper
130	100		
95	106.4	0.0	209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





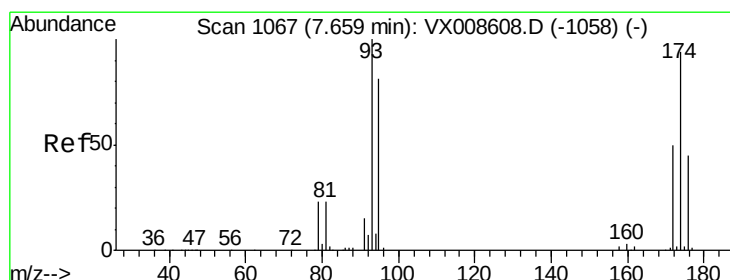
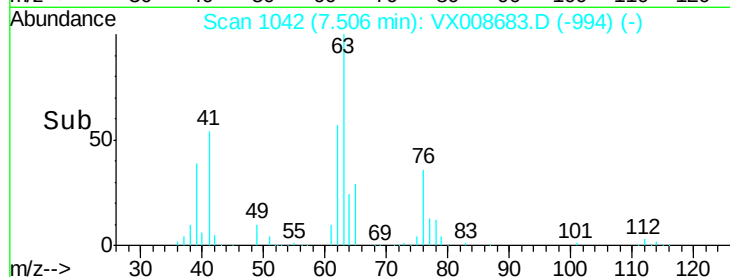
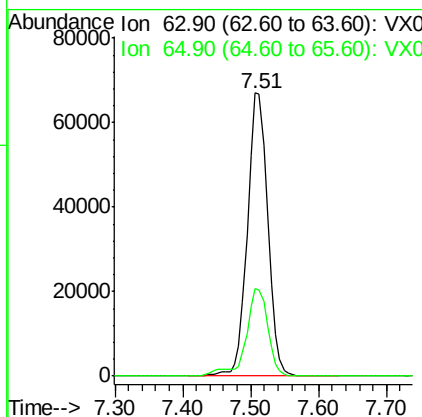
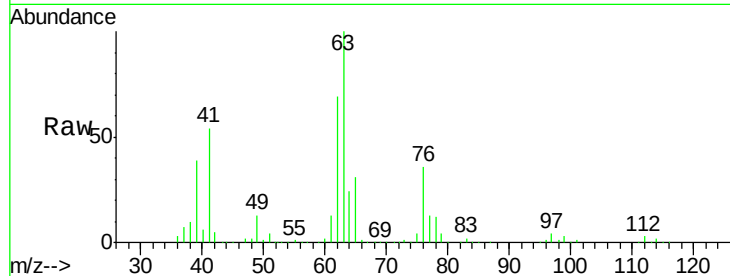
#45
 1,2-Dichloropropane
 Concen: 46.806 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 140421
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.4

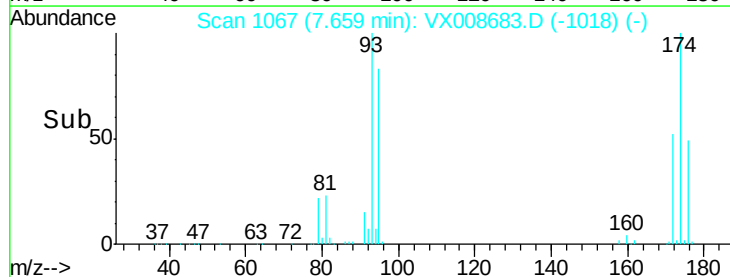
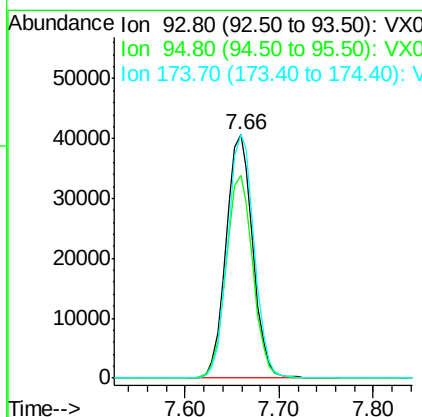
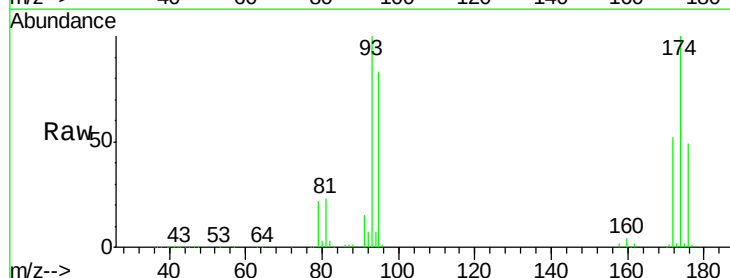
Manual Integrations
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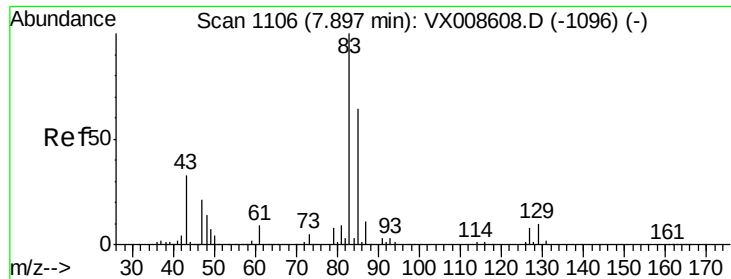
MMDadoda
 4/8/2019 9:49:47 AM



#46
 Dibromomethane
 Concen: 45.765 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Tgt Ion: 93 Resp: 79631
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 99.8 77.7 116.5





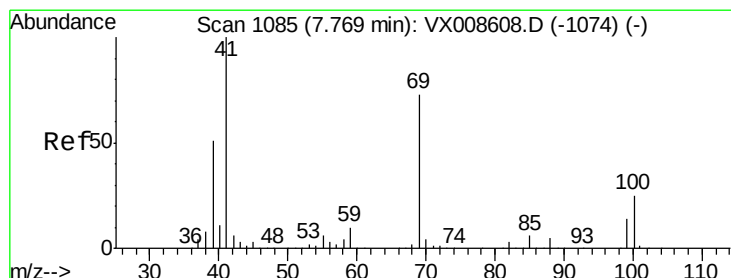
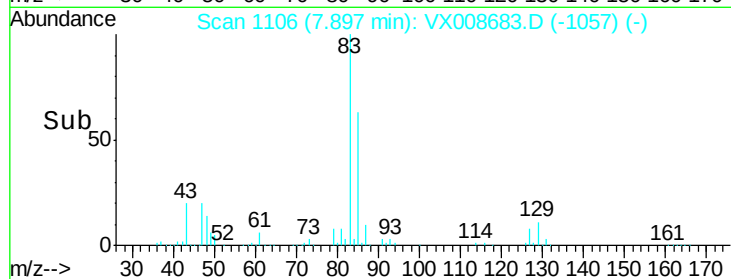
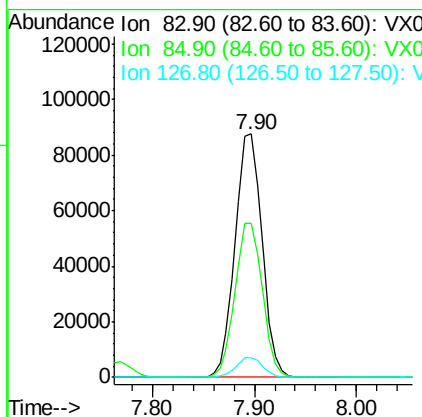
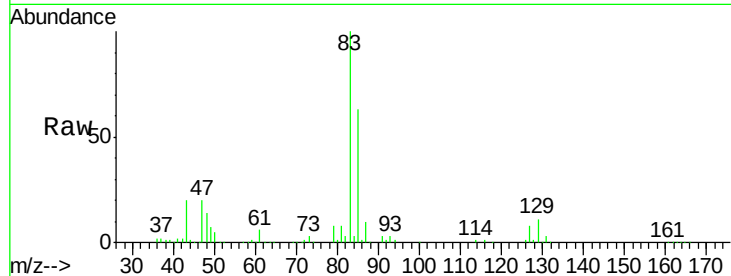
#47
Bromodichloromethane
Concen: 48.981 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.2	76.8
127	8.0	6.6	10.0

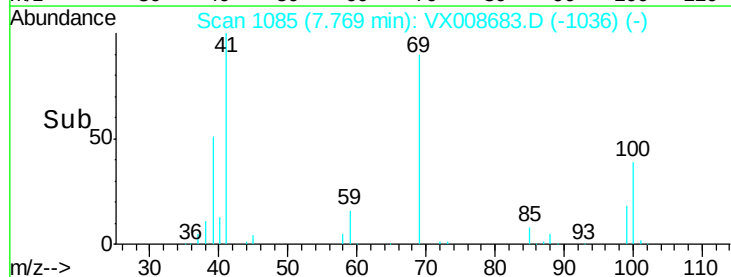
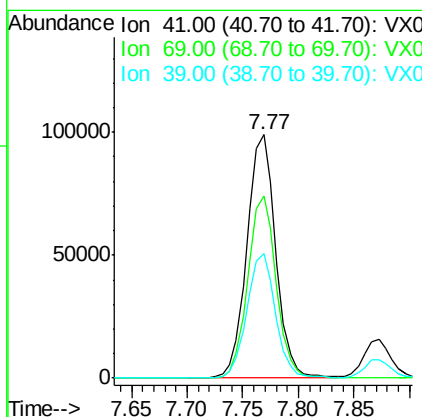
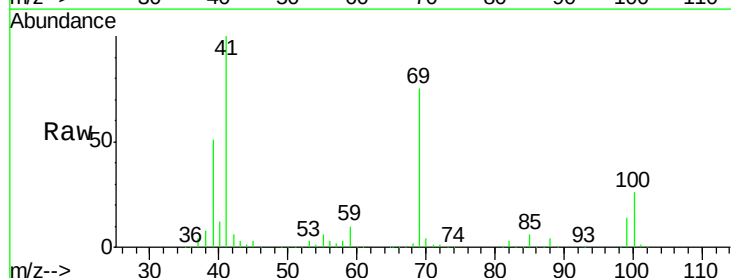
Manual Integrations
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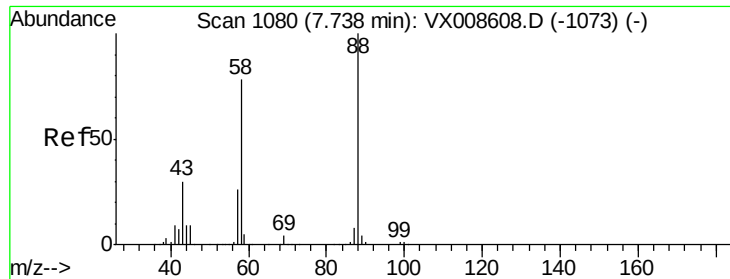
MMDadoda
4/8/2019 9:49:47 AM



#48
Methyl methacrylate
Concen: 47.691 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.1	59.0	88.4
39	50.7	41.0	61.4





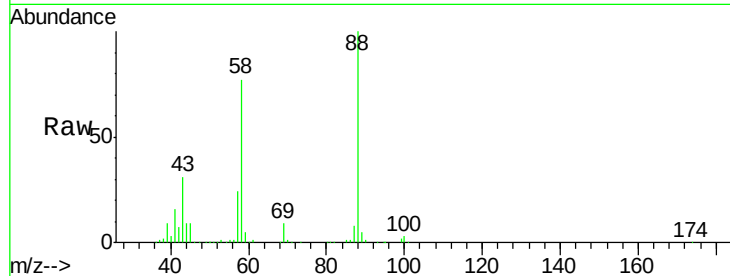
#49
1,4-Dioxane
Concen: 905.404 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.2	28.6	43.0
58	79.2	62.2	93.2

Manual Integrations
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MMDadoda
4/8/2019 9:49:47 AM

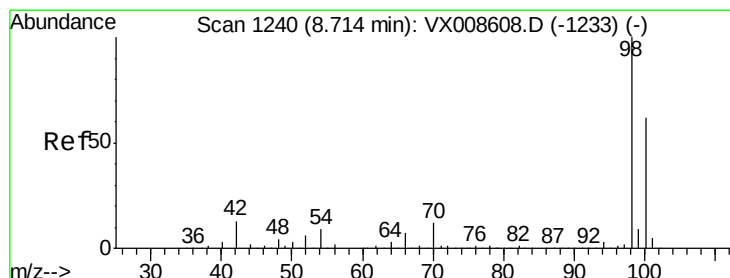
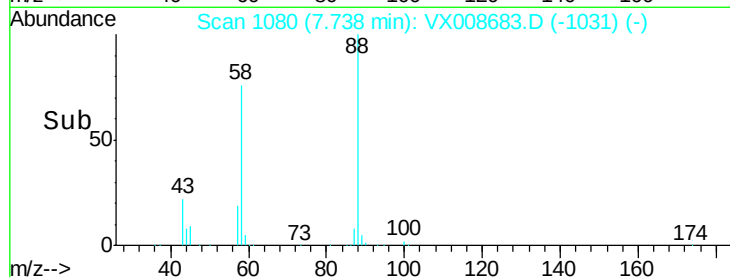
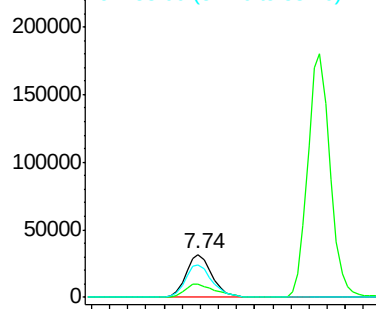


Abundance

Ion 88.00 (87.70 to 88.70): VX0

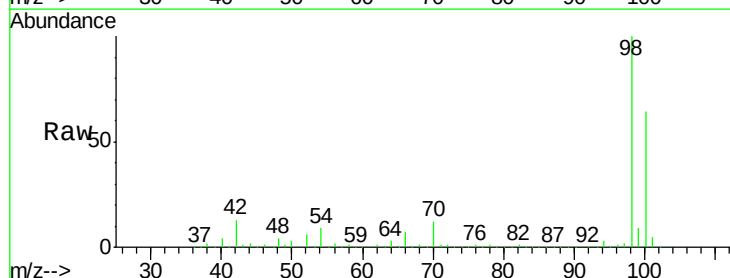
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 54.395 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

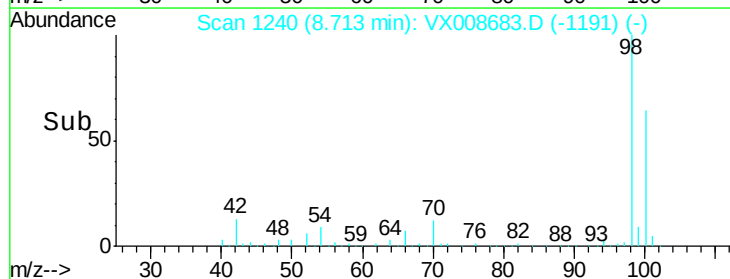
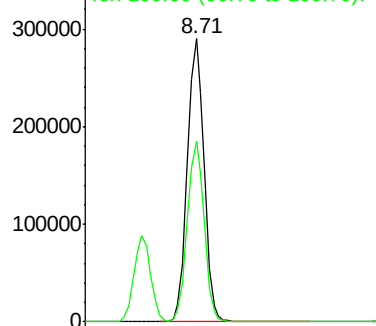
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0

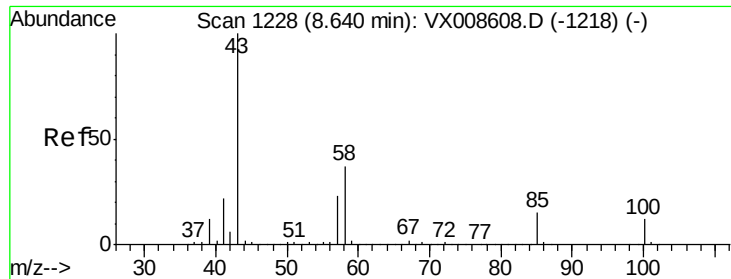


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





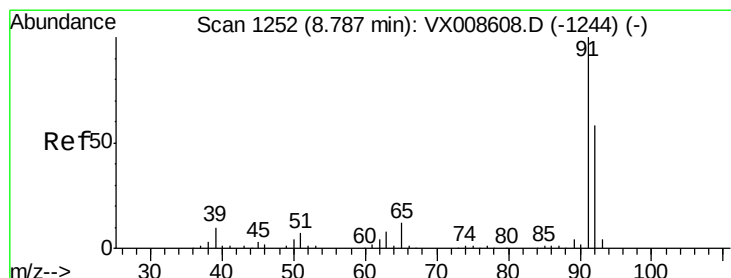
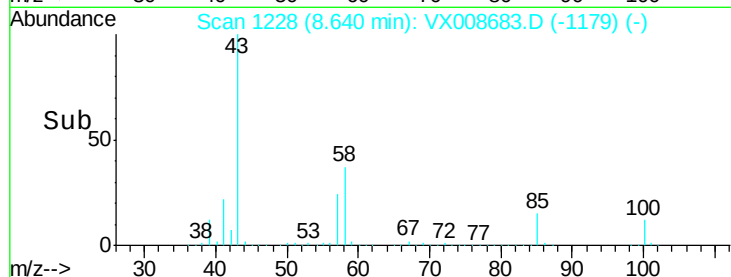
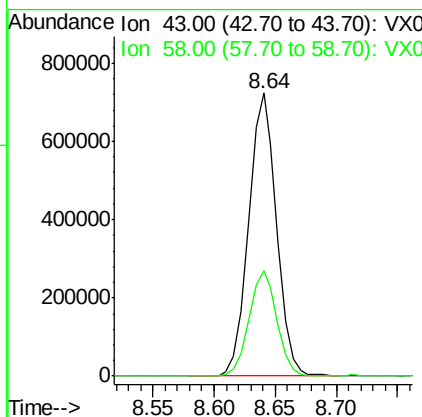
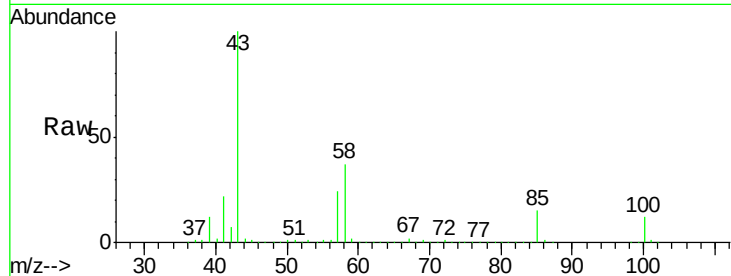
#51
 4-Methyl-2-Pentanone
 Concen: 240.354 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1141444
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.5 44.3

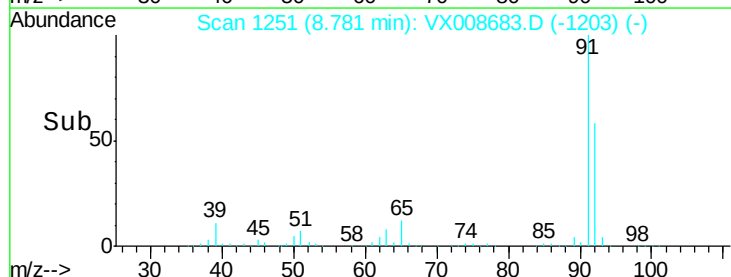
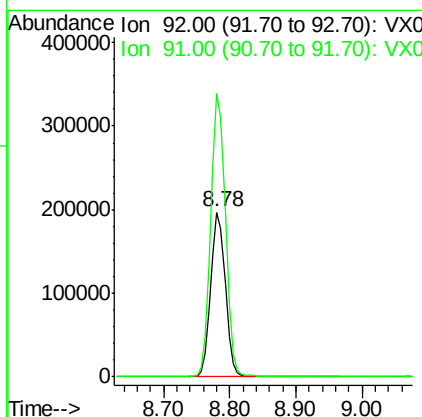
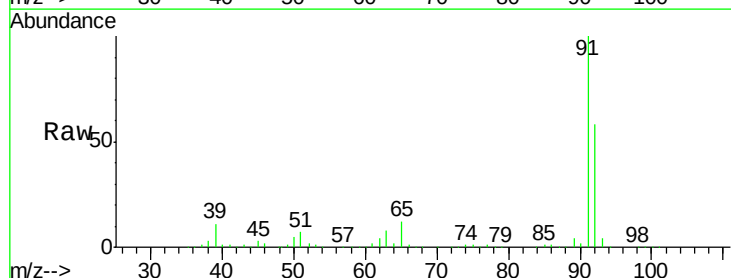
Manual Integrations
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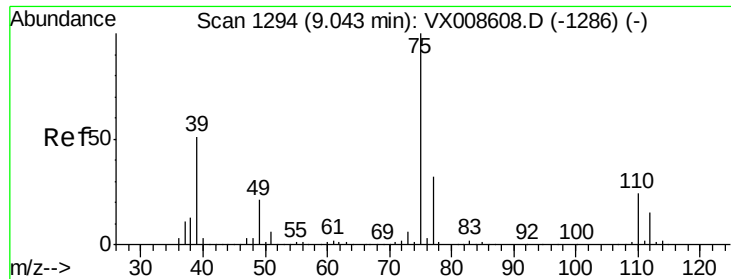
MMDadoda
 4/8/2019 9:49:47 AM



#52
 Toluene
 Concen: 48.683 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Tgt Ion: 92 Resp: 301677
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.5 207.7





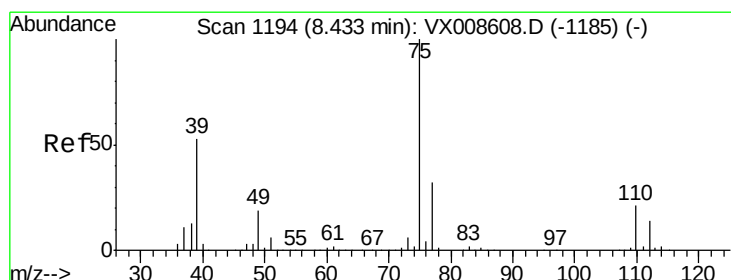
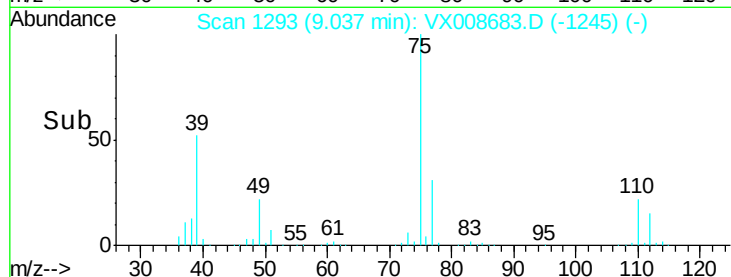
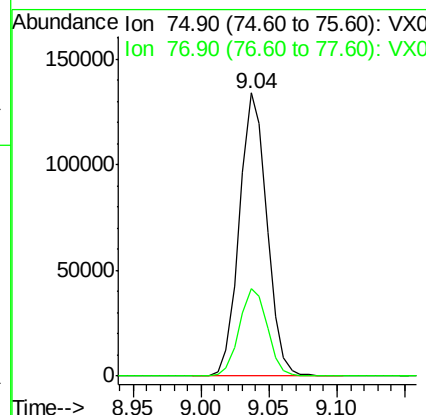
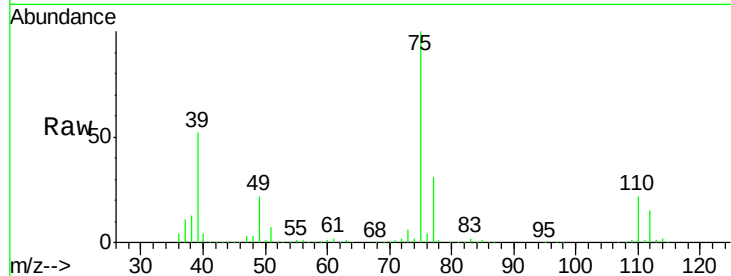
#53
t-1,3-Dichloropropene
Concen: 51.508 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 189291
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8

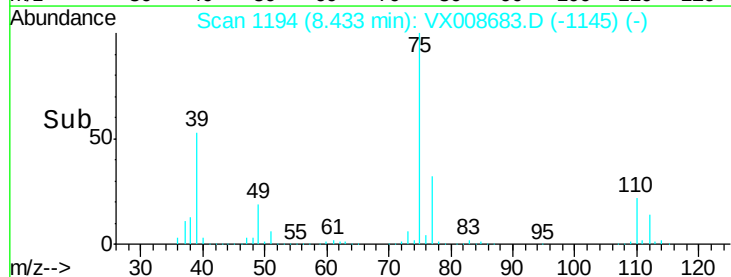
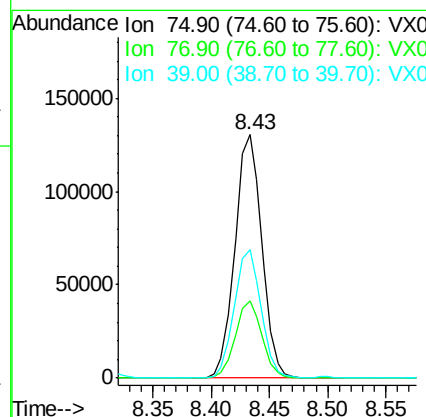
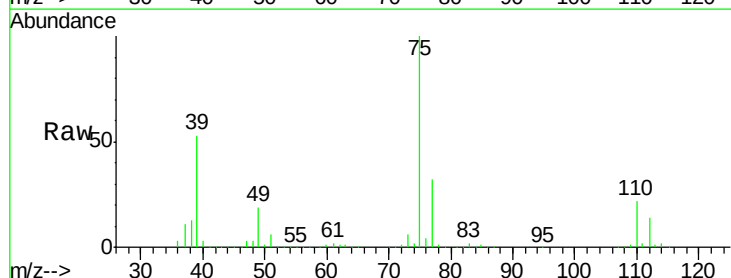
Manual Integrations
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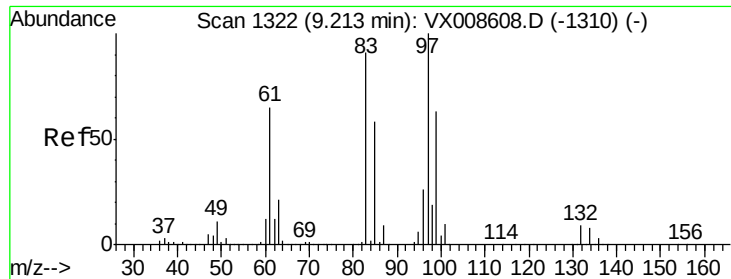
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.070 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion: 75 Resp: 210253
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 52.8 42.6 63.8





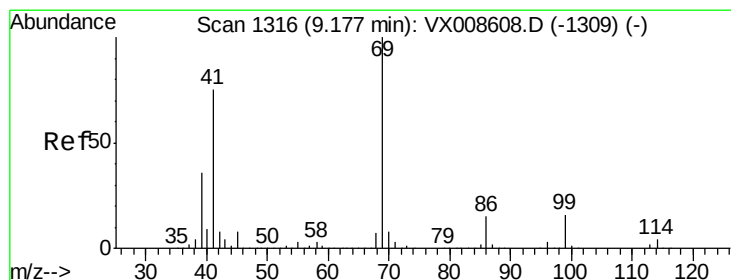
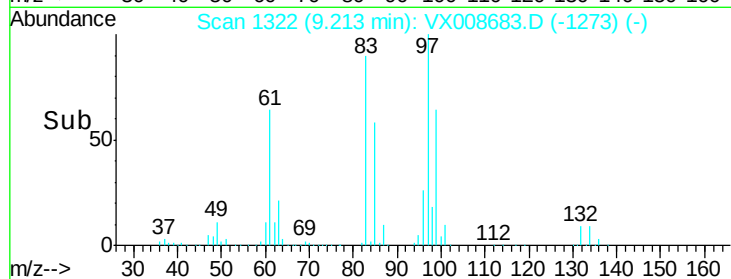
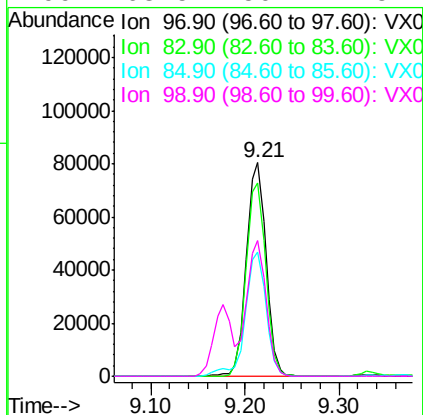
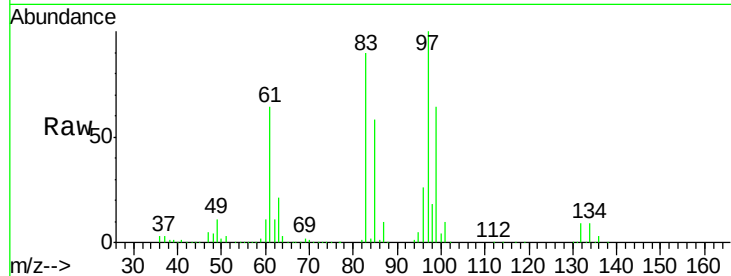
#55
 1,1,2-Trichloroethane
 Concen: 47.577 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.4	73.2	109.8
85	58.3	46.6	69.8
99	63.5	50.1	75.1

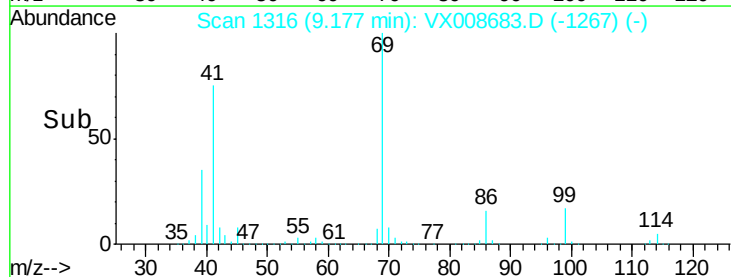
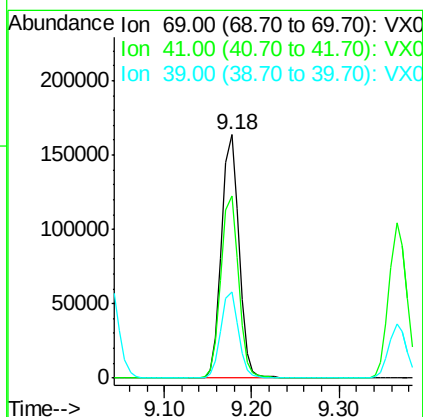
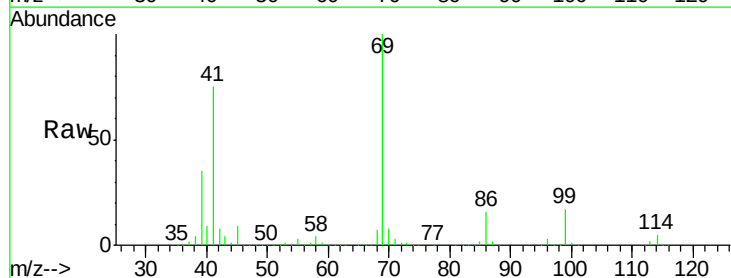
Manual Integrations
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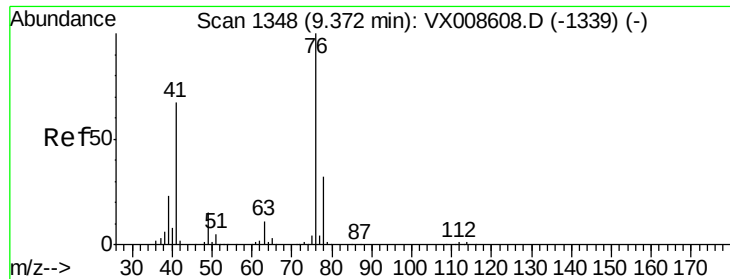
MMDadoda
 4/8/2019 9:49:47 AM



#56
 Ethyl methacrylate
 Concen: 50.378 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.1	90.1
39	35.6	28.9	43.3





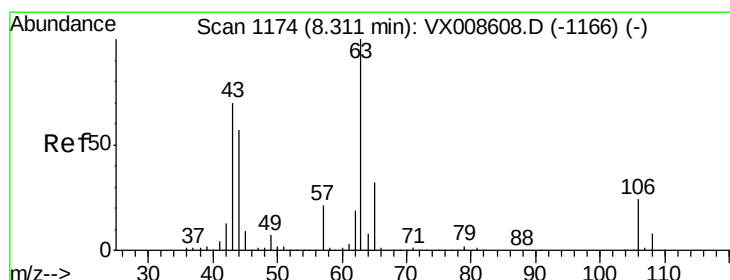
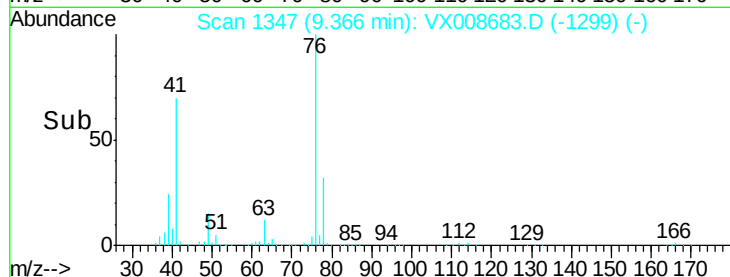
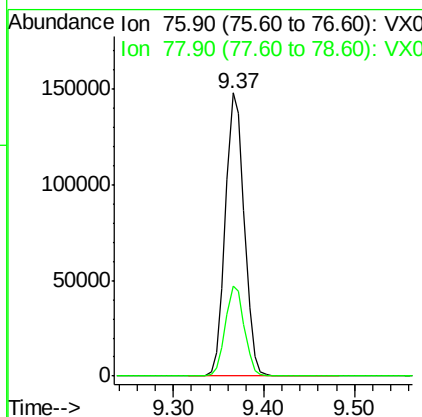
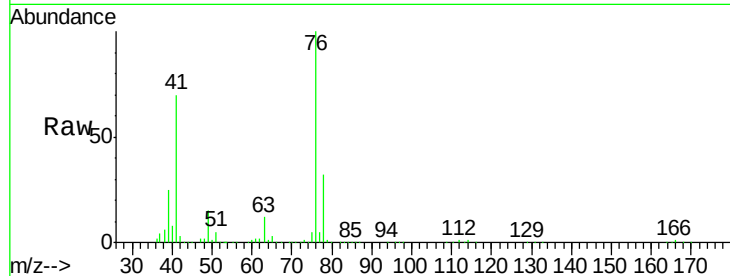
#57
 1,3-Dichloropropane
 Concen: 48.051 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 214620
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4

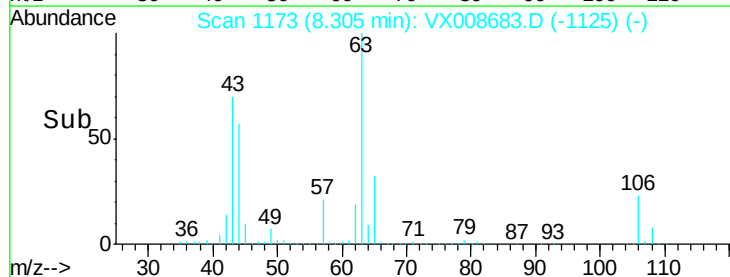
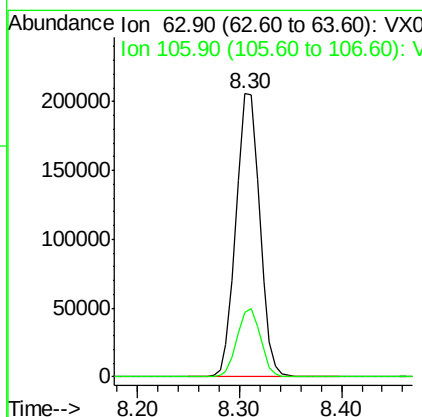
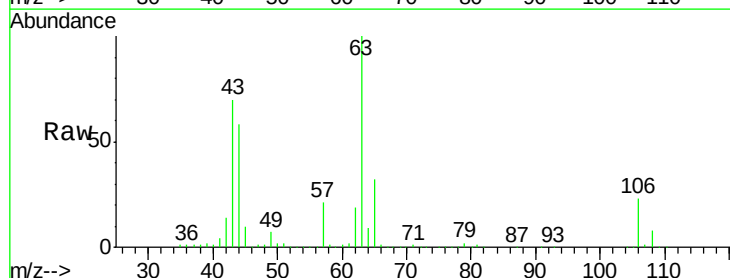
Manual Integrations
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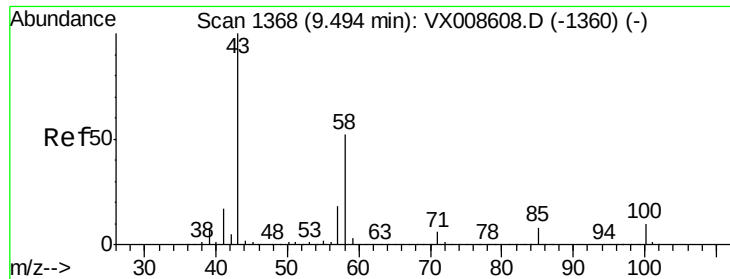
MMDadoda
 4/8/2019 9:49:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 143.705 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Tgt Ion: 63 Resp: 330240
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.0 28.6





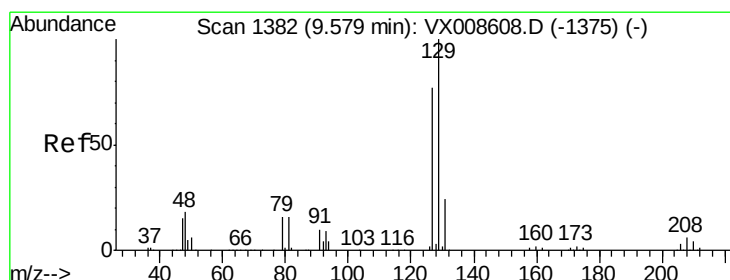
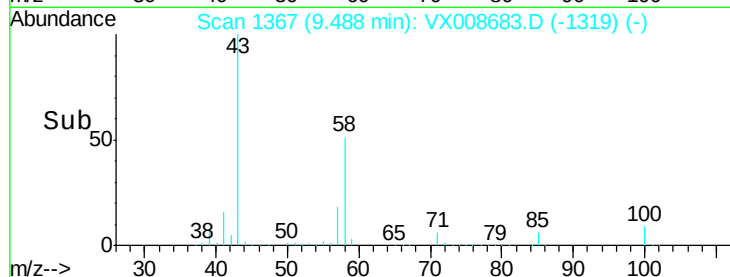
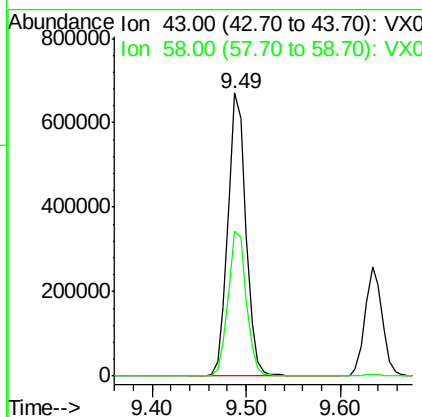
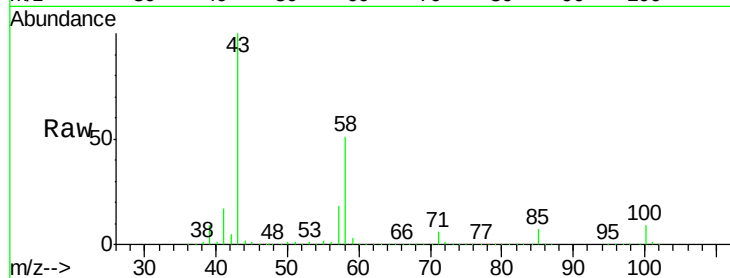
#59
2-Hexanone
Concen: 241.892 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 892745
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.7

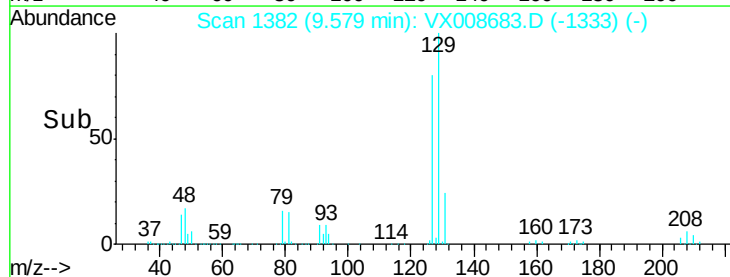
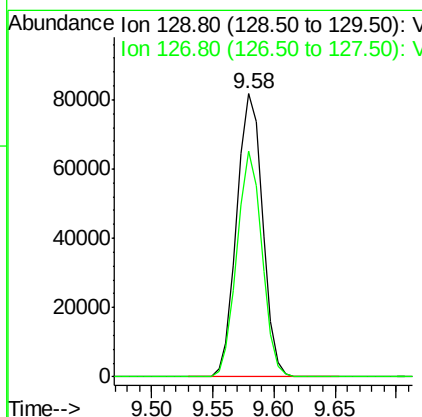
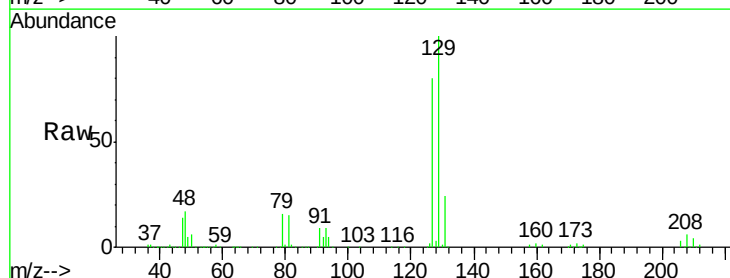
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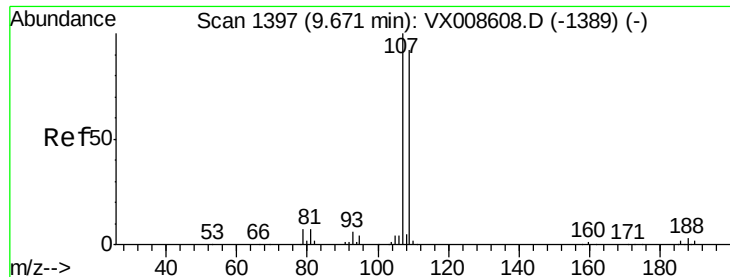
MMDadoda
4/8/2019 9:49:47 AM



#60
Dibromochloromethane
Concen: 51.029 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion: 129 Resp: 119608
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 47.588 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 123229

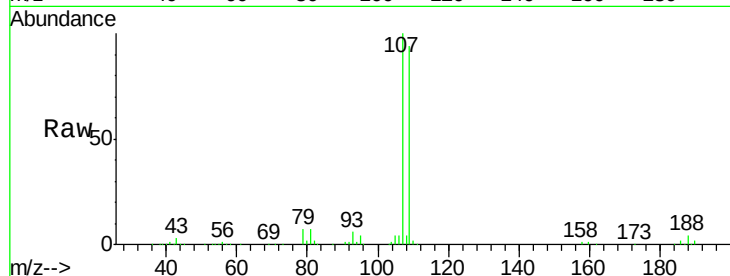
Ion Ratio Lower Upper

107 100

109 93.9 74.1 111.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

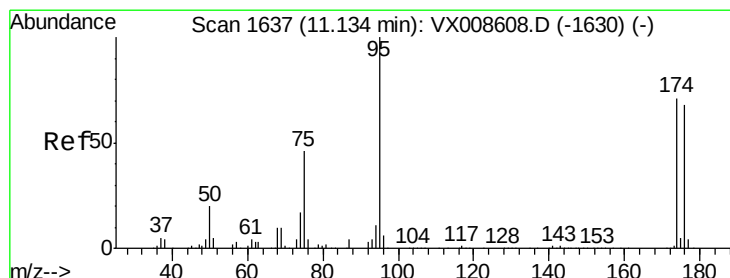
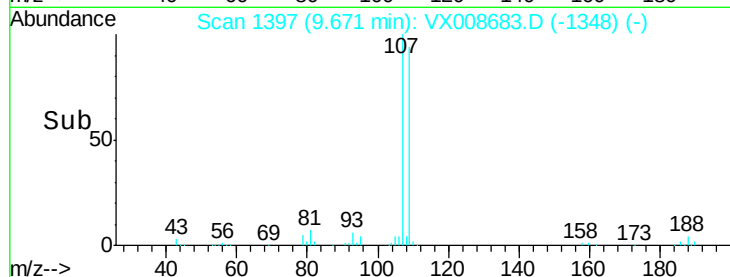
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.852 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

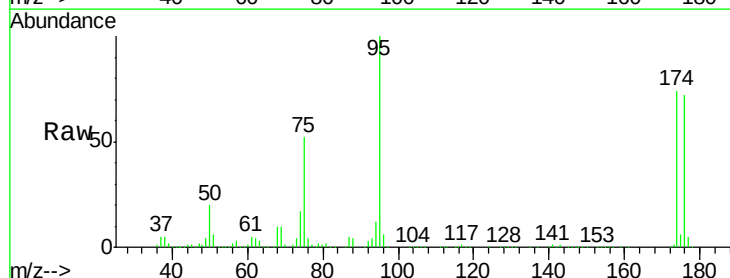
Tgt Ion: 95 Resp: 168573

Ion Ratio Lower Upper

95 100

174 77.6 0.0 151.8

176 75.4 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

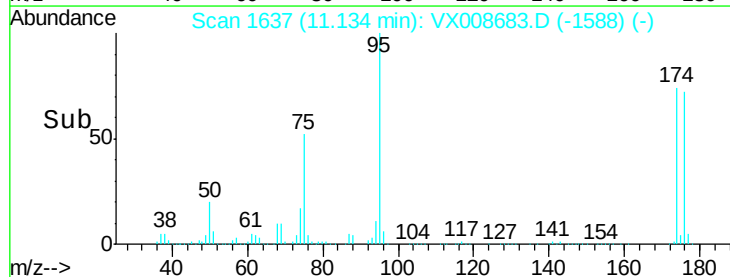
150000

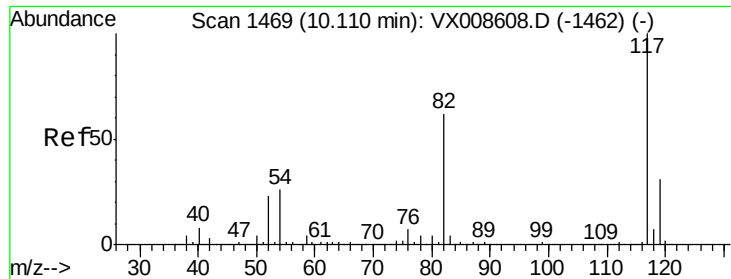
100000

50000

0

Time-->





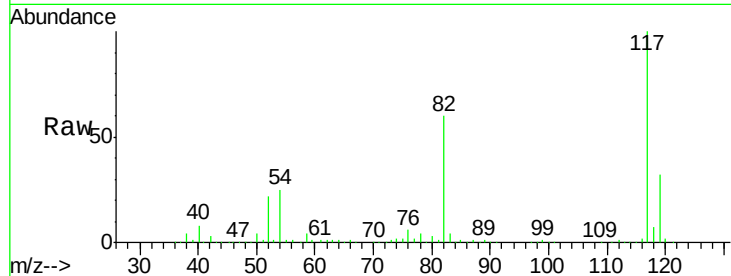
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	292220		
82	59.9	49.6	74.4	
119	32.2	25.0	37.4	

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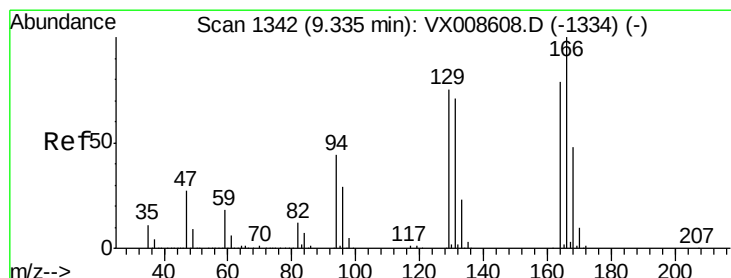
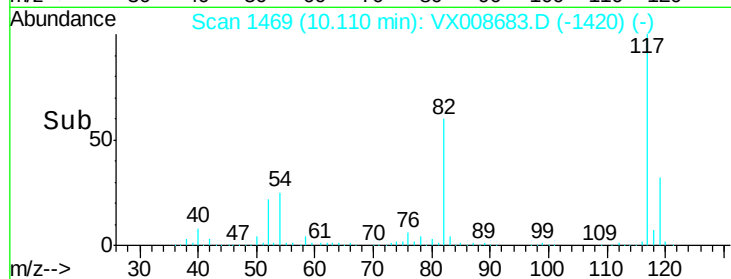
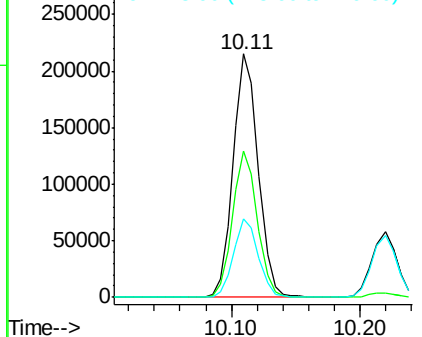


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.049 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101863		
166	129.5	101.0	151.6	
129	91.5	75.8	113.8	
131	88.8	71.8	107.8	

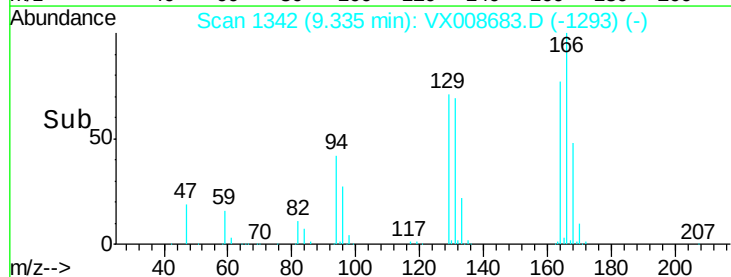
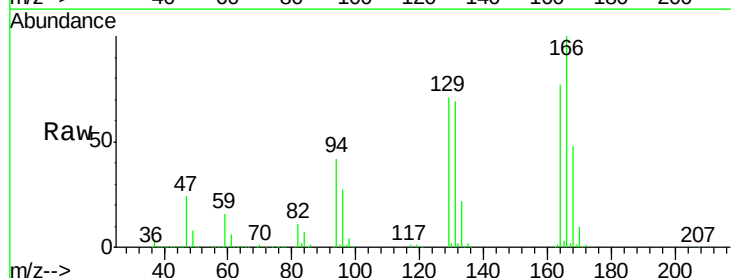
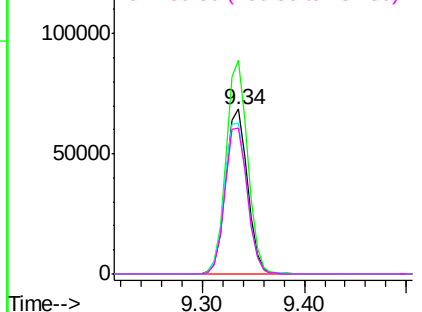
Abundance

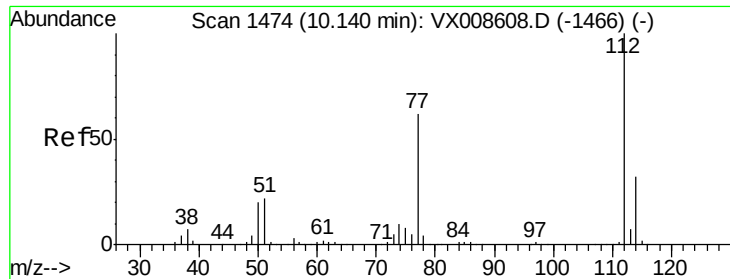
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.983 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion:112 Resp: 310811

Ion Ratio Lower Upper

112 100

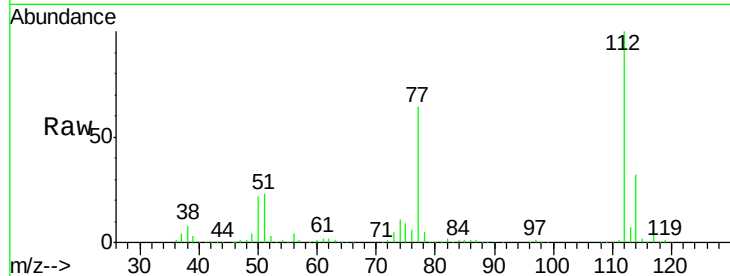
114 32.3 25.8 38.8

Manual Integrations

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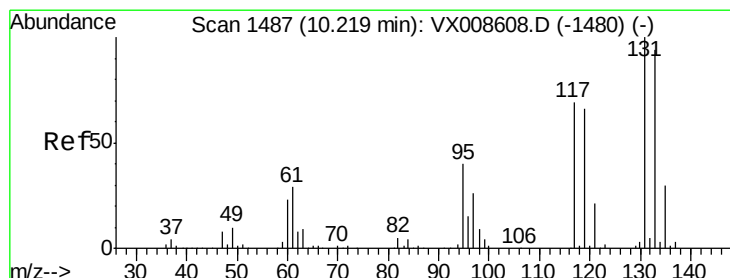
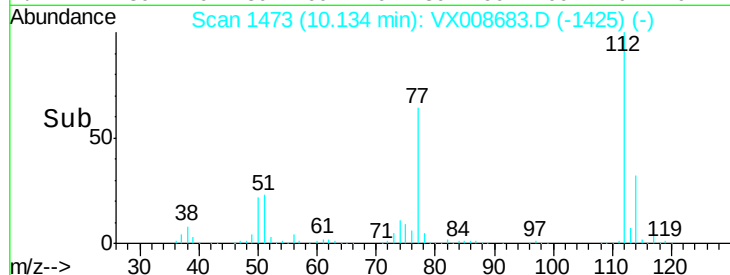
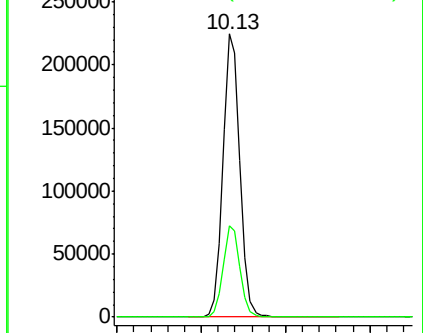
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.169 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

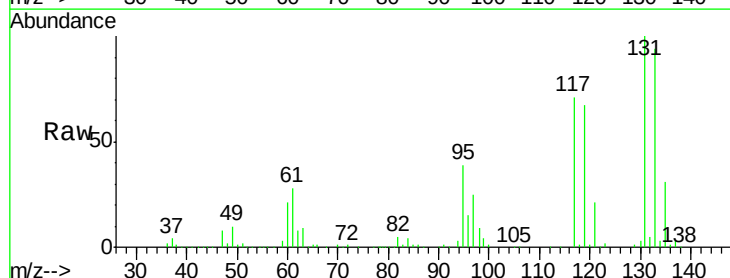
Tgt Ion:131 Resp: 109463

Ion Ratio Lower Upper

131 100

133 94.8 47.0 141.2

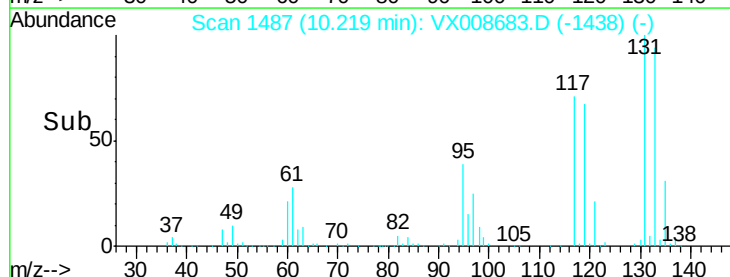
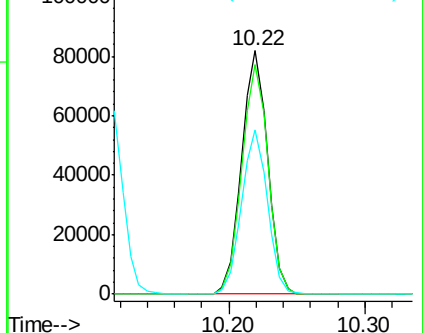
119 67.4 33.7 101.0

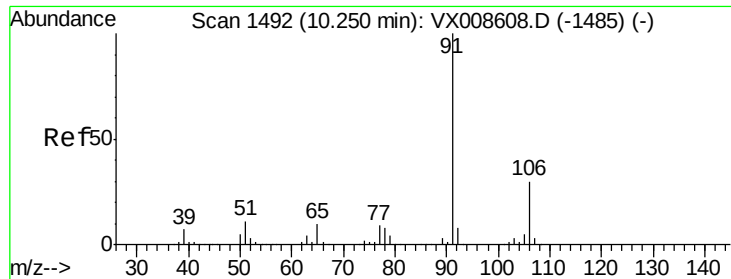


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.439 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 585073

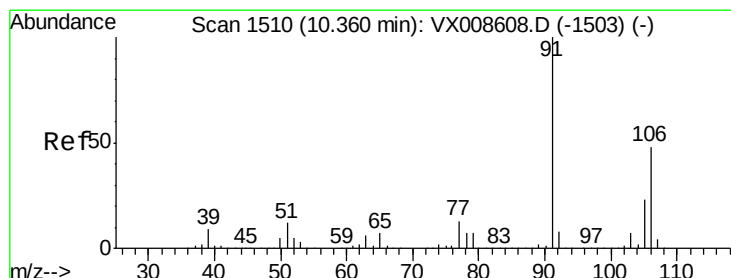
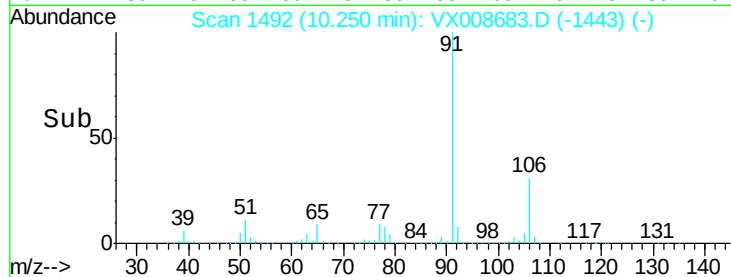
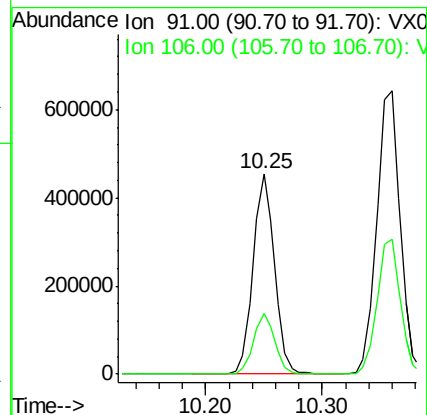
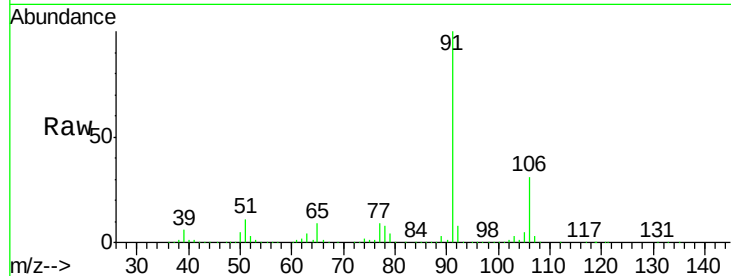
Ion Ratio Lower Upper

91 100

106 30.5 23.7 35.5

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#68

m/p-Xylenes

Concen: 98.757 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008683.D

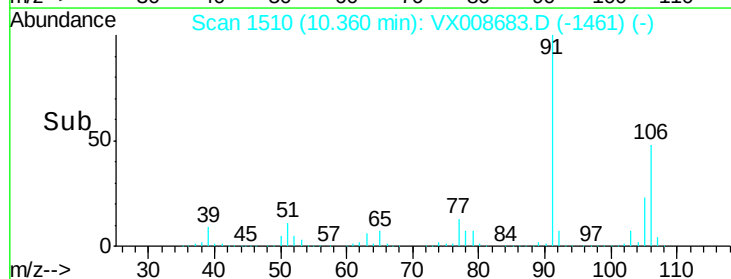
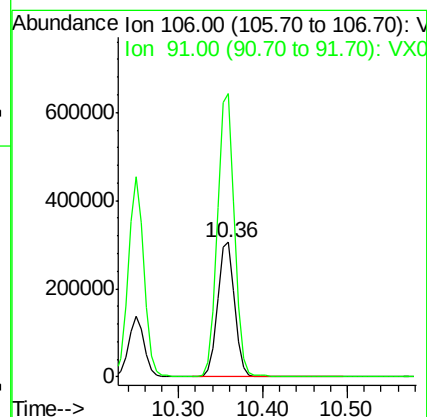
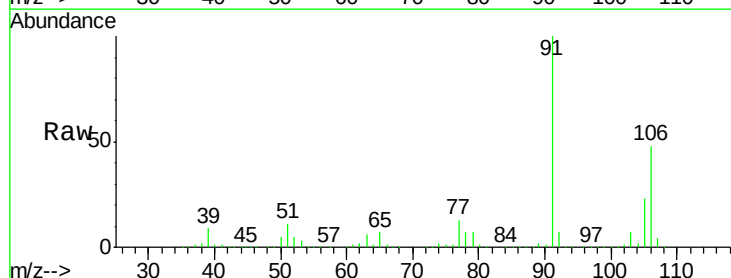
Acq: 05 Apr 2019 15:17

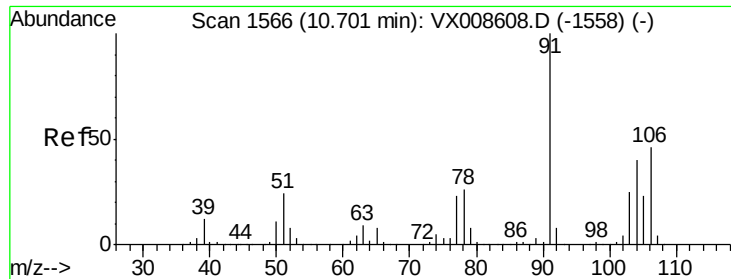
Tgt Ion: 106 Resp: 428891

Ion Ratio Lower Upper

106 100

91 210.0 168.5 252.7





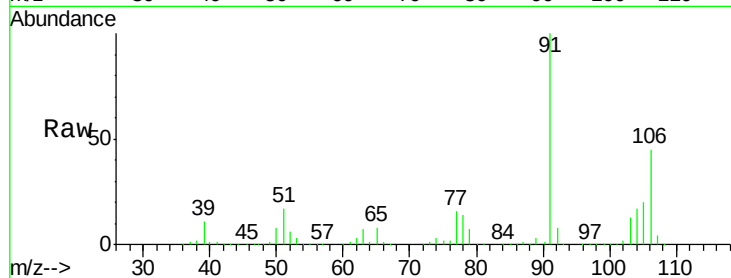
#69
o-Xylene
Concen: 49.259 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

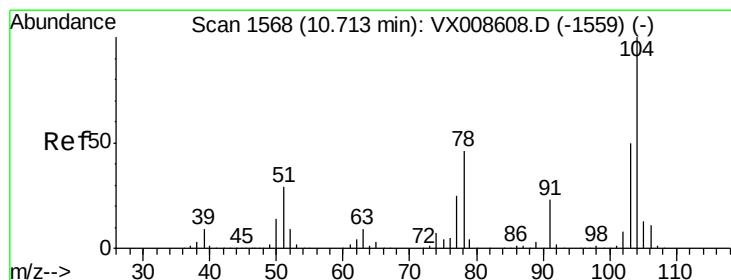
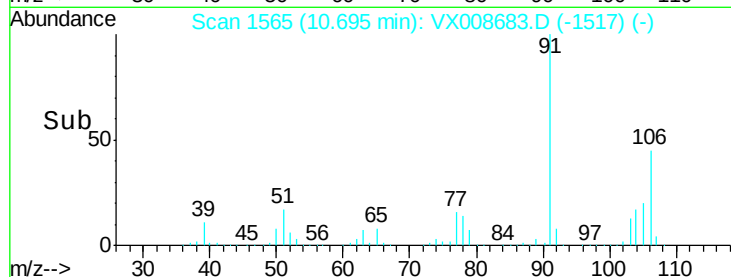
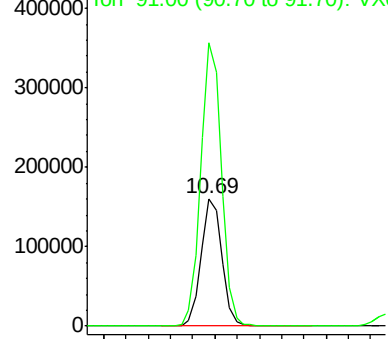
Tgt Ion:106 Resp: 207319
Ion Ratio Lower Upper
106 100
91 221.8 111.5 334.4

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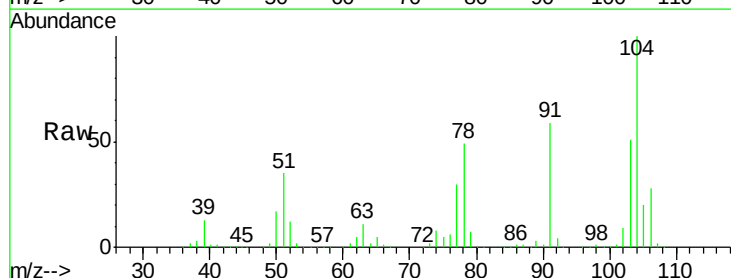


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

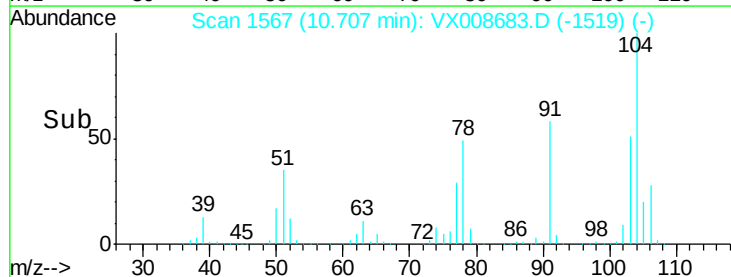
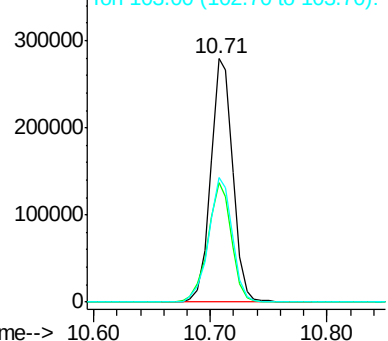


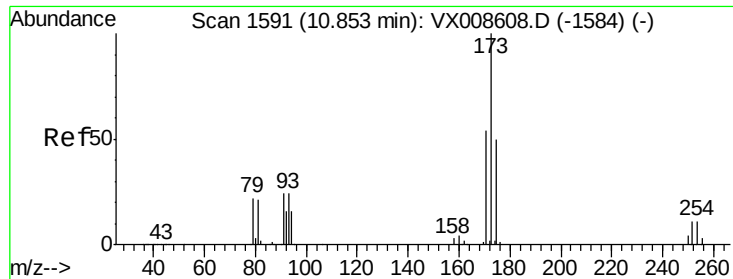
#70
Styrene
Concen: 50.819 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion:104 Resp: 368686
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 54.7 44.4 66.6



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





#71

Bromoform

Concen: 52.200 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 90598

Ion Ratio Lower Upper

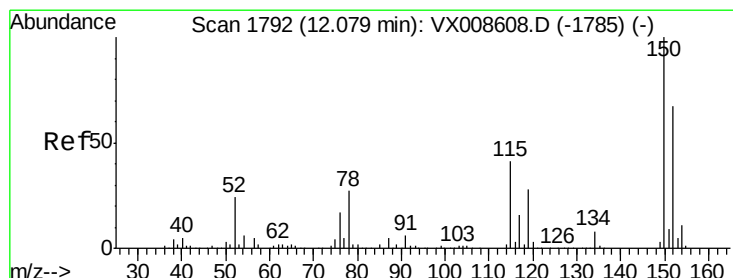
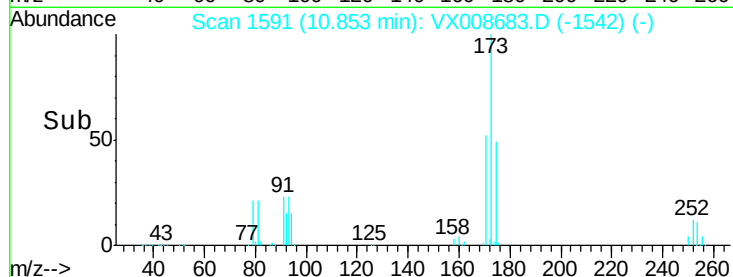
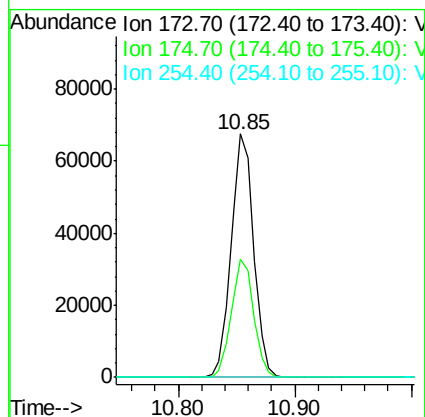
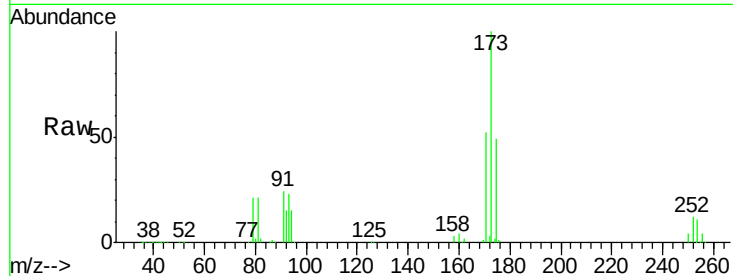
173 100

175 48.2 24.9 74.6

254 0.2 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

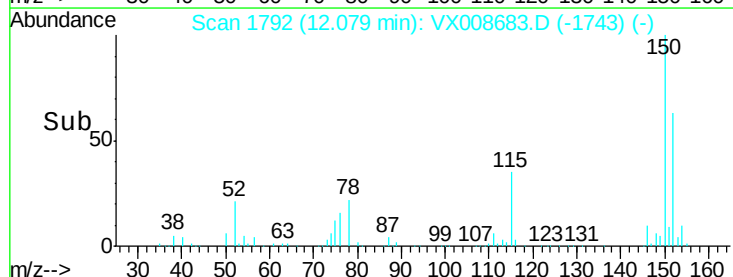
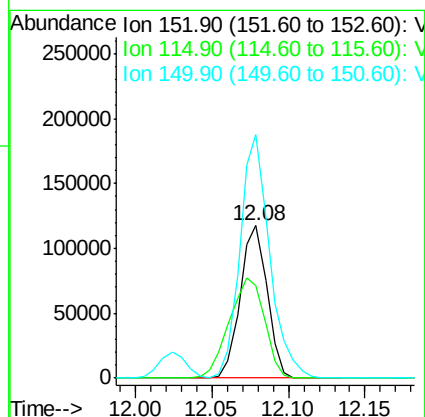
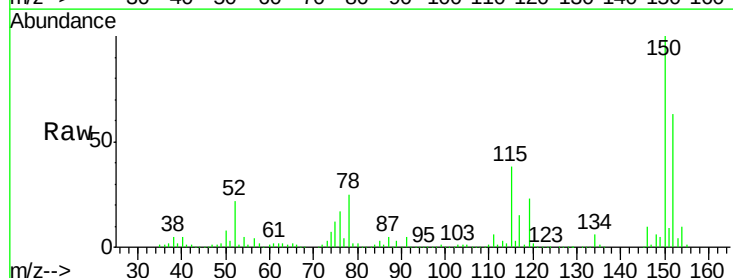
Tgt Ion:152 Resp: 143157

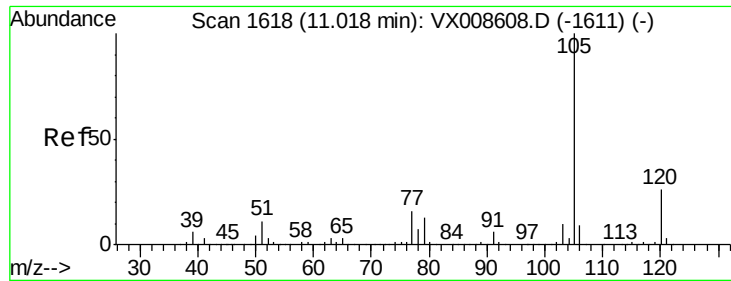
Ion Ratio Lower Upper

152 100

115 85.4 43.5 130.5

150 175.4 0.0 348.8





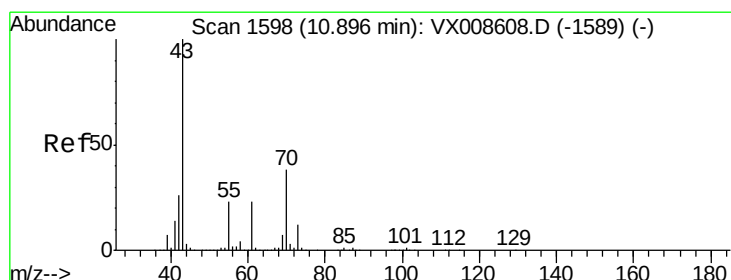
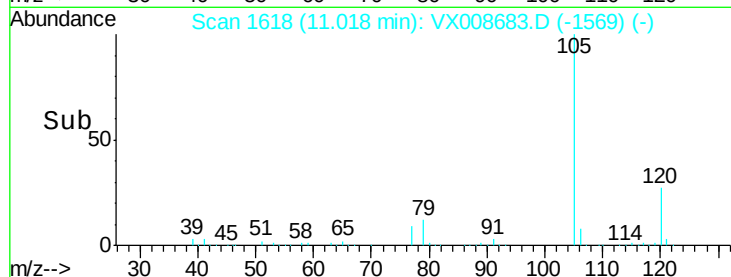
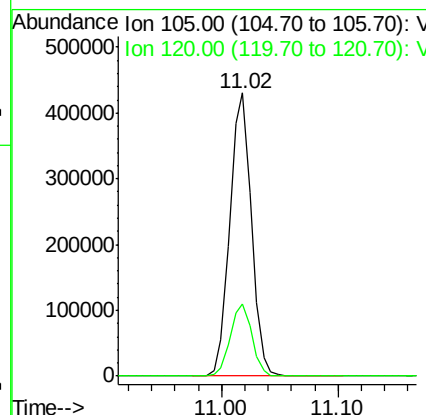
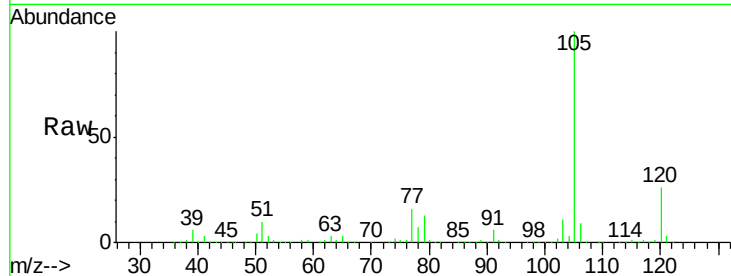
#73
Isopropylbenzene
Concen: 46.476 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 551382
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

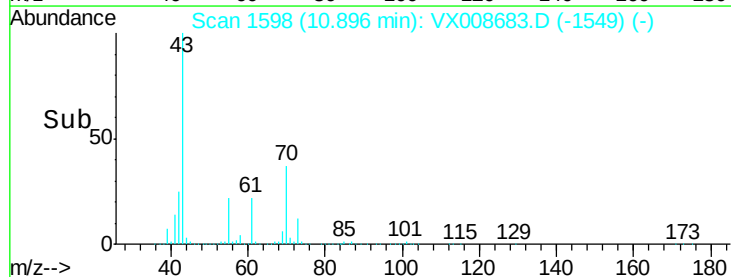
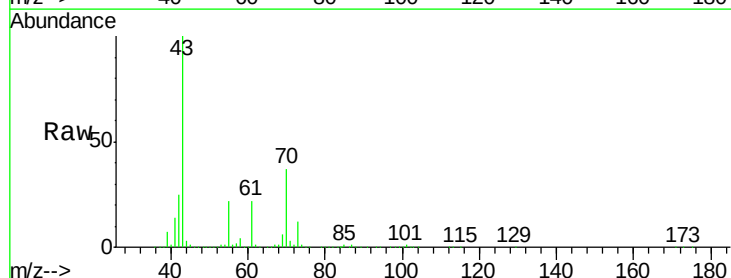
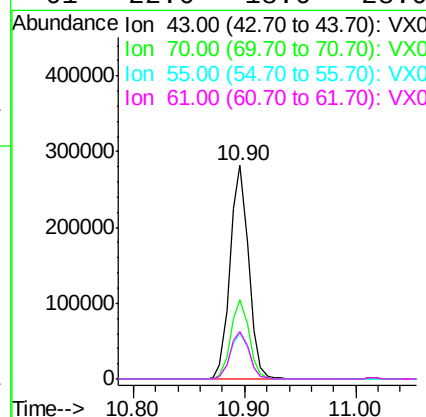
Manual Integrations
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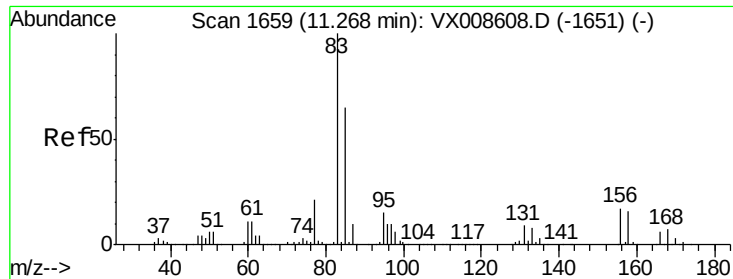
MMDadoda
4/8/2019 9:49:47 AM



#74
N-ethyl acetate
Concen: 46.462 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion: 43 Resp: 324305
Ion Ratio Lower Upper
43 100
70 36.9 30.2 45.4
55 22.1 18.2 27.4
61 22.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.481 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

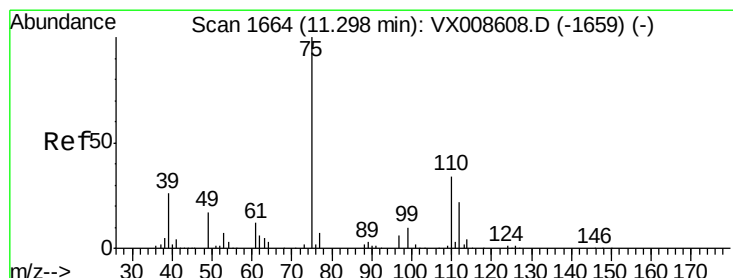
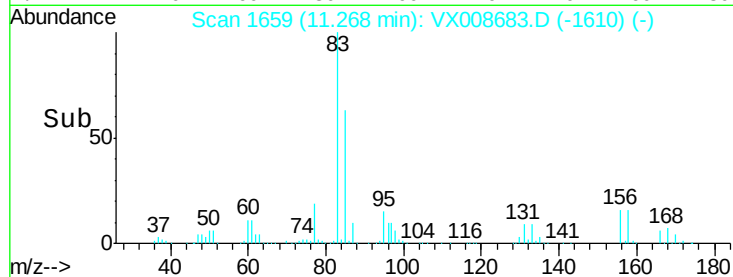
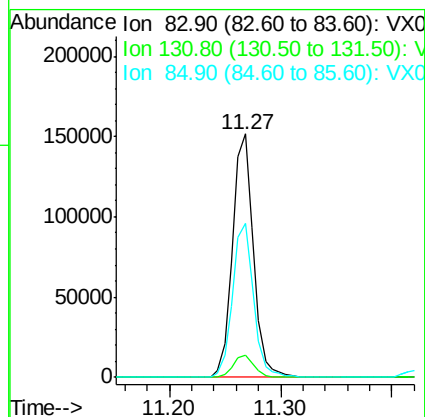
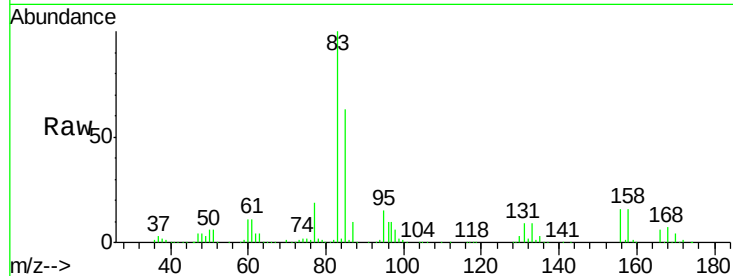
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	196186
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.5	13.7
85	63.6	32.0	96.2

Manual Integrations
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4/8/2019 9:49:47 AM



#76

1,2,3-Trichloropropane

Concen: 43.496 ug/l m

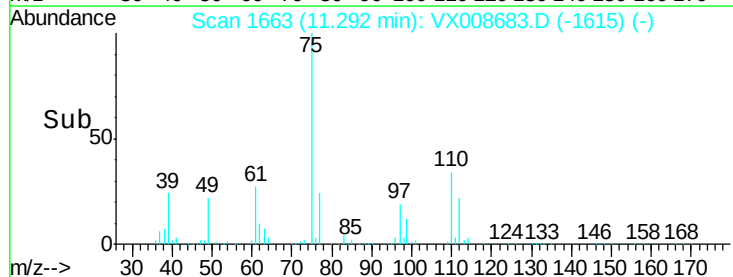
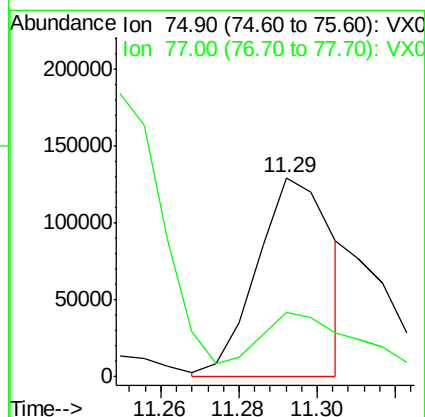
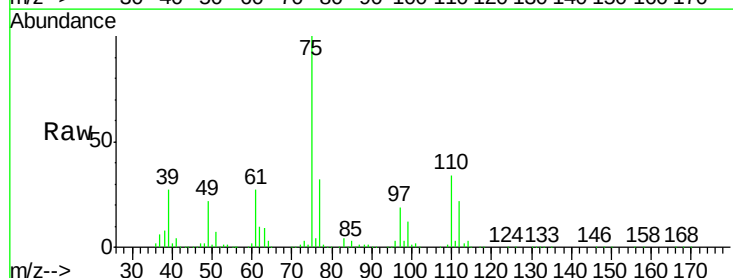
RT: 11.29 min Scan# 1663

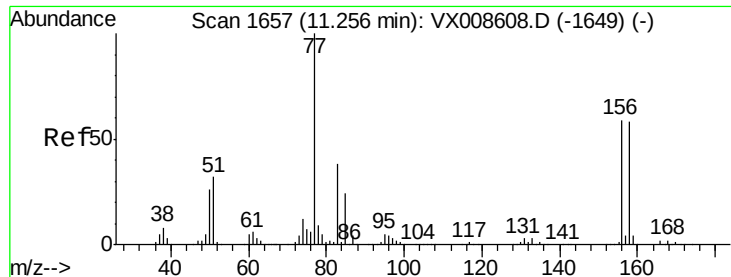
Delta R.T. -0.01 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Tgt Ion:	75	Resp:	171056
Ion Ratio	Lower	Upper	
75	100		
77	44.0	22.3	66.8





#77

Bromobenzene

Concen: 46.978 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

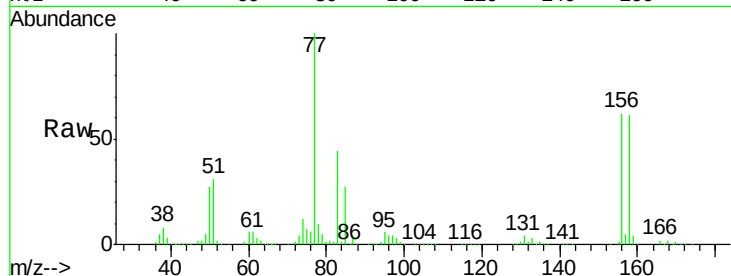
ClientSampleId :

VSTDCCC050

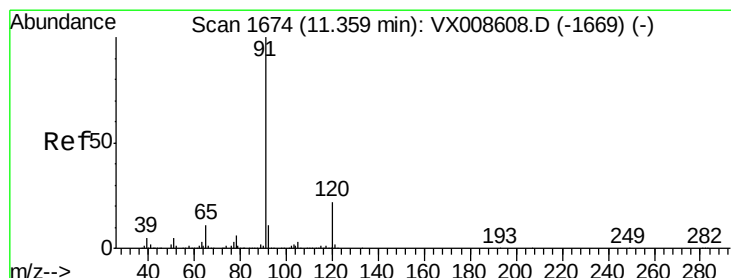
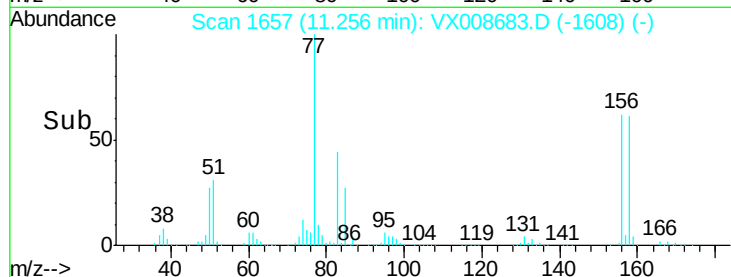
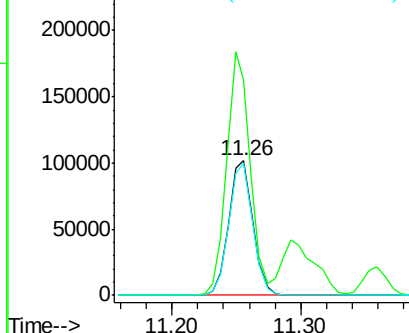
Tgt Ion:	156	Resp:	133986
Ion	Ratio	Lower	Upper
156	100		
77	175.6	89.8	269.6
158	97.1	48.6	145.9

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



#78

n-propylbenzene

Concen: 47.673 ug/l

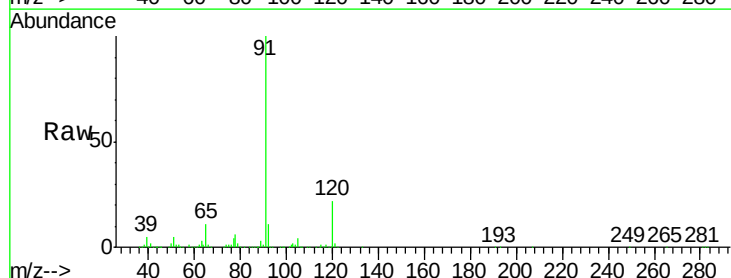
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

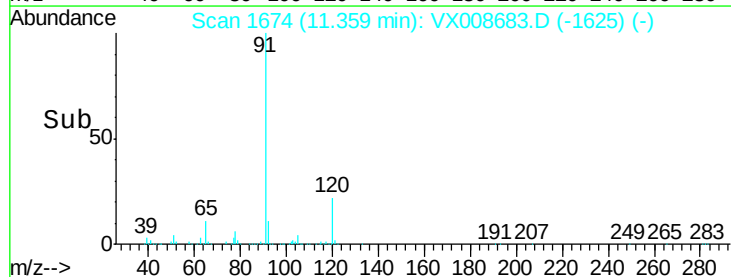
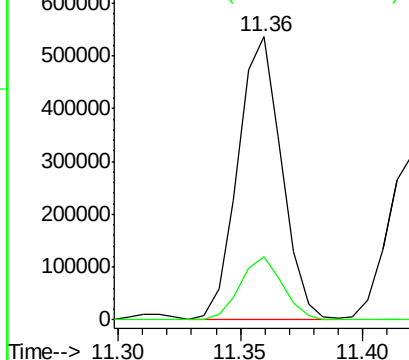
Lab File: VX008683.D

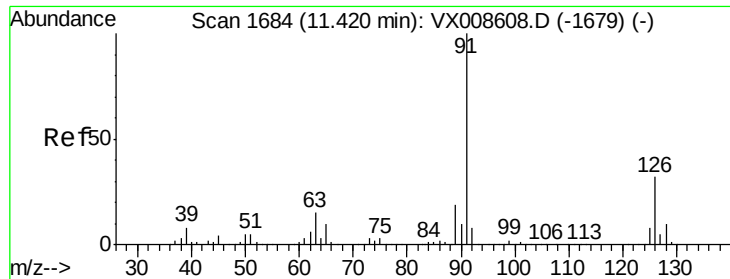
Acq: 05 Apr 2019 15:17

Tgt Ion:	91	Resp:	658545
Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.9	32.7



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





#79

2-Chlorotoluene

Concen: 46.661 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 390065

Ion Ratio Lower Upper

91 100

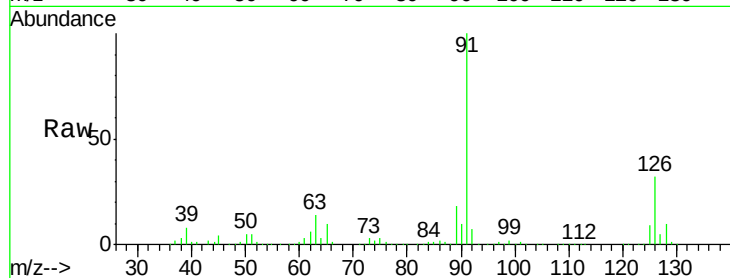
126 32.1 16.1 48.3

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Abundance Ion 91.00 (90.70 to 91.70): VX008683.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008683.D (-1679) (-)

Abundance

600000

500000

400000

300000

200000

100000

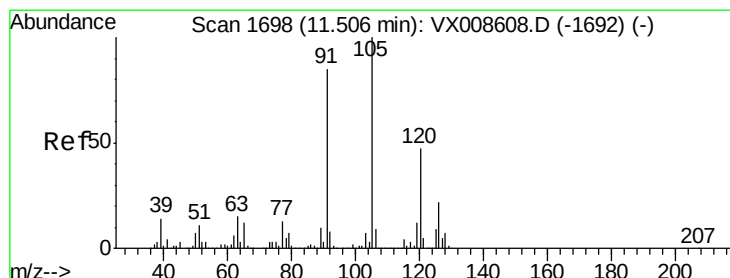
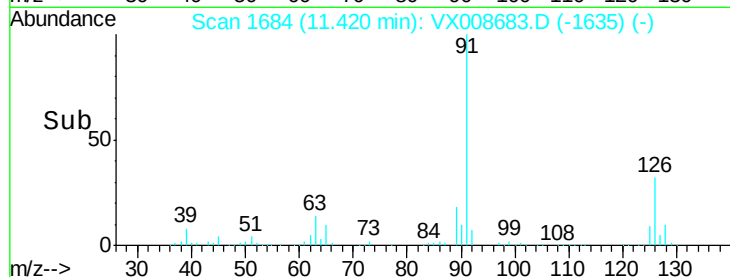
0

11.40

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.487 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008683.D

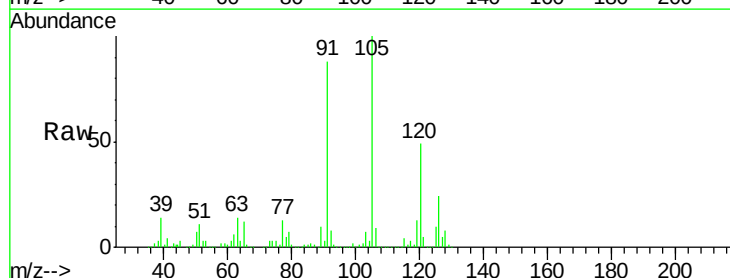
Acq: 05 Apr 2019 15:17

Tgt Ion: 105 Resp: 472911

Ion Ratio Lower Upper

105 100

120 47.6 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008683.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008683.D (-1692) (-)

Abundance

400000

300000

200000

100000

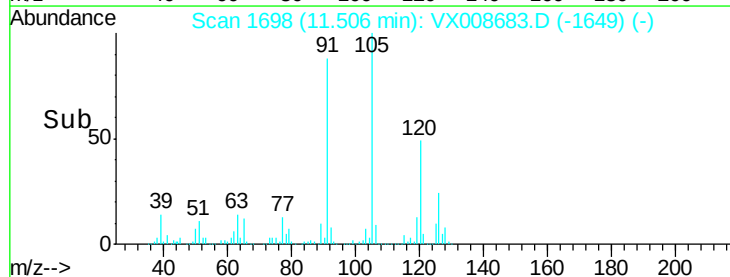
0

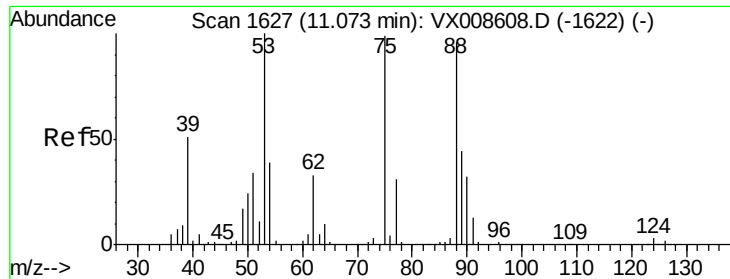
11.50

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.343 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 70396

Ion Ratio Lower Upper

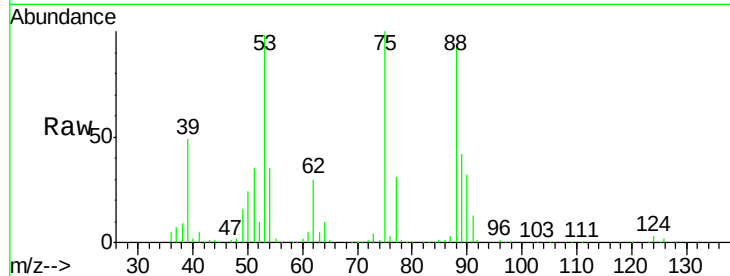
75 100

53 99.6 81.3 121.9

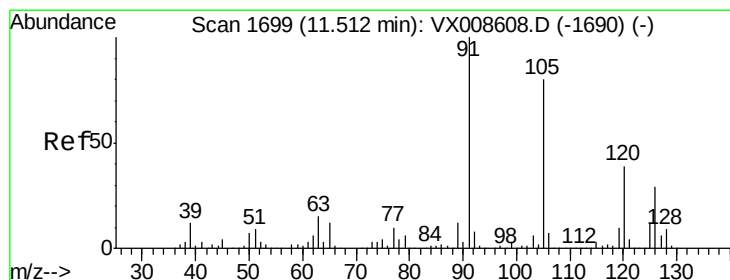
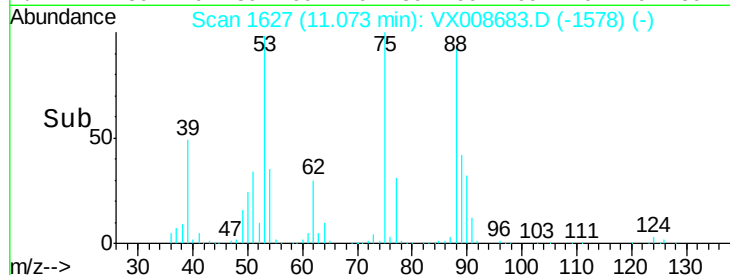
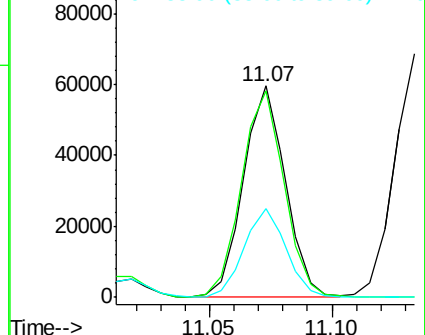
89 42.7 35.6 53.4

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



#82

4-Chlorotoluene

Concen: 46.905 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008683.D

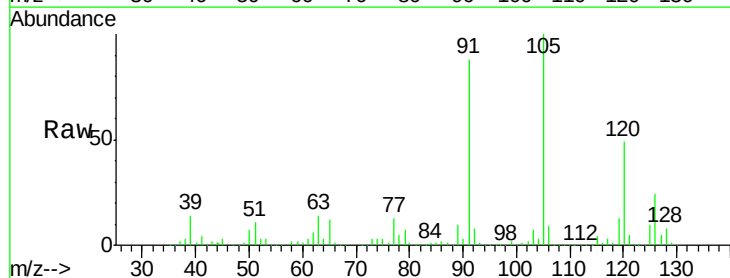
Acq: 05 Apr 2019 15:17

Tgt Ion: 91 Resp: 453875

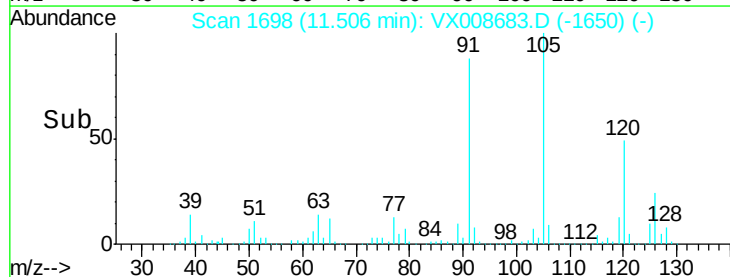
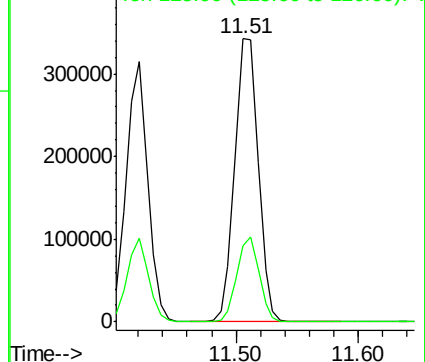
Ion Ratio Lower Upper

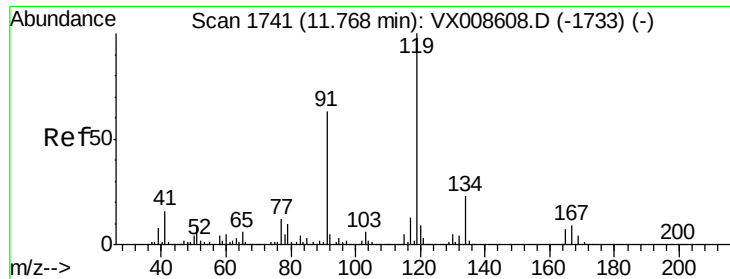
91 100

126 28.4 13.9 41.6



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





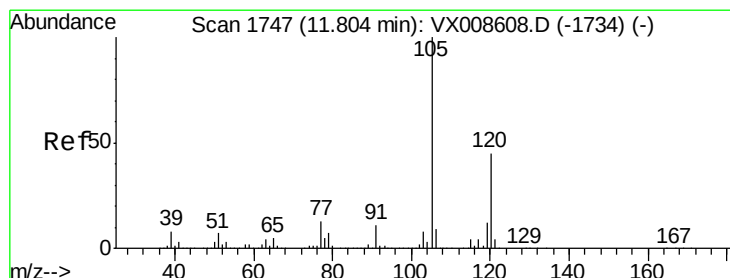
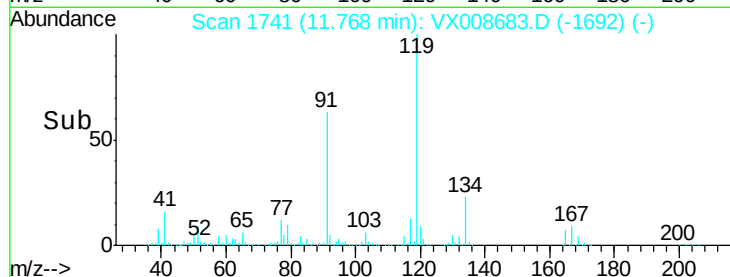
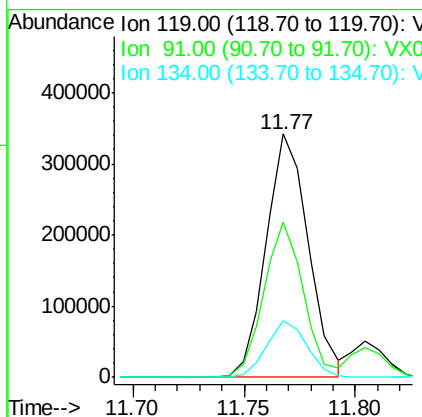
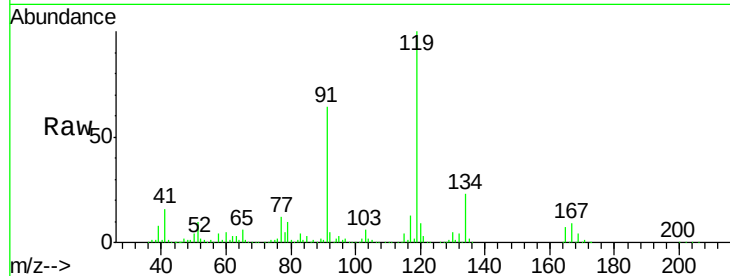
#83
 tert-Butylbenzene
 Concen: 46.972 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	450038		
91	59.9	30.0	90.1	
134	22.4	11.1	33.3	

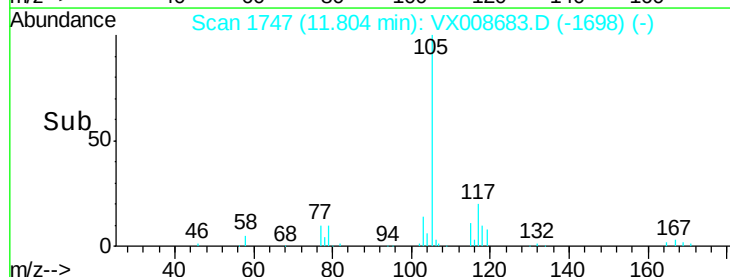
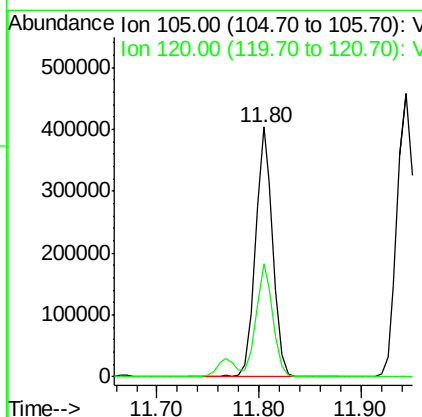
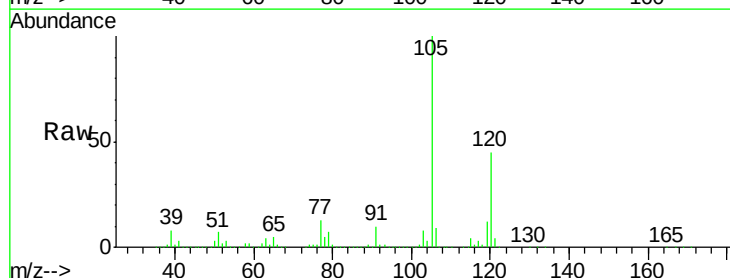
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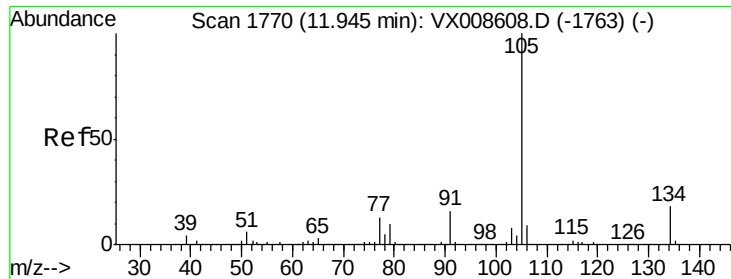
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.488 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	478861		
120	43.5	21.8	65.3	





#85

sec-Butylbenzene

Concen: 48.110 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 547522

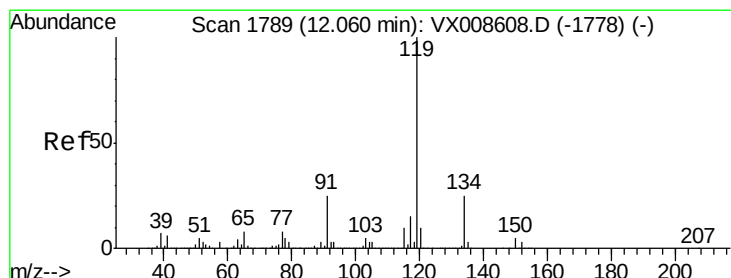
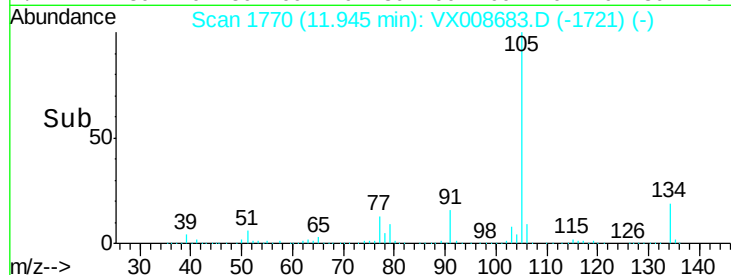
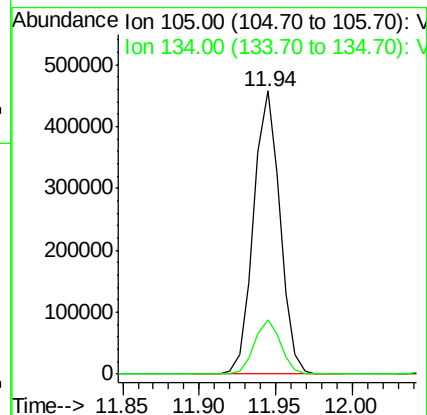
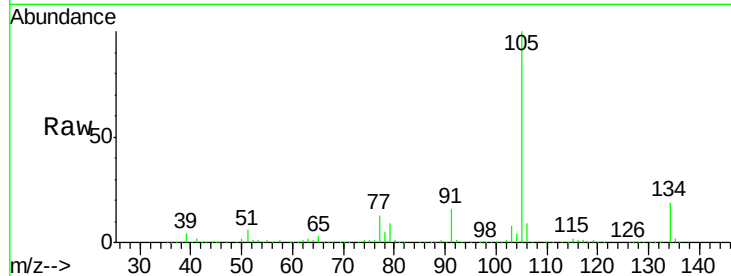
Ion Ratio Lower Upper

105 100

134 19.2 9.4 28.2

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#86

p-Isopropyltoluene

Concen: 48.914 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

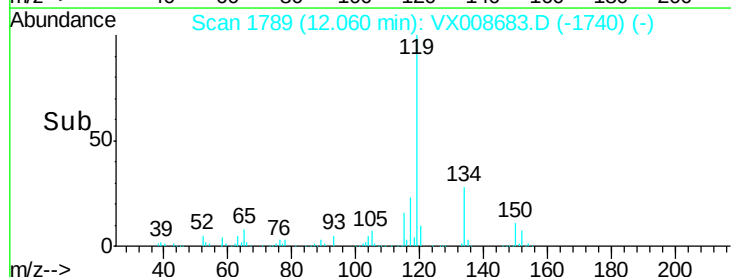
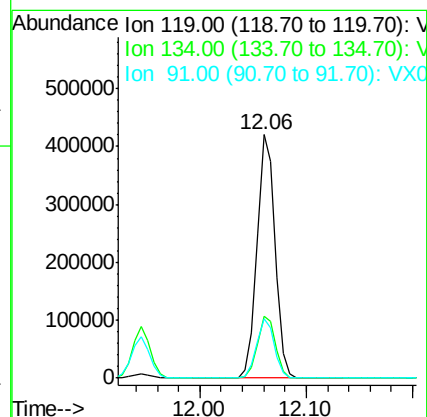
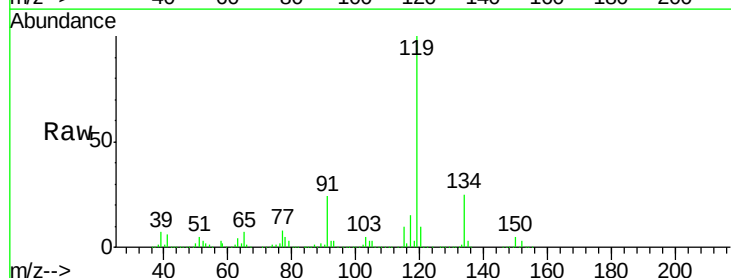
Tgt Ion:119 Resp: 499634

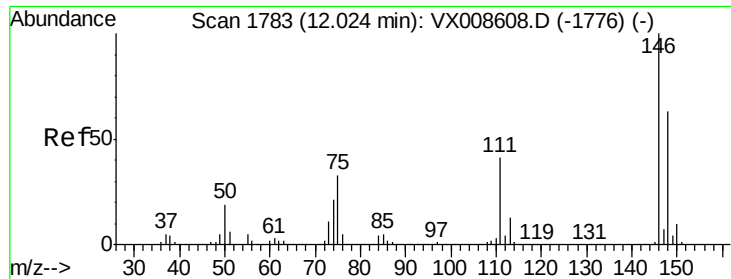
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 24.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 47.718 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Instrument :

MSVOA_X

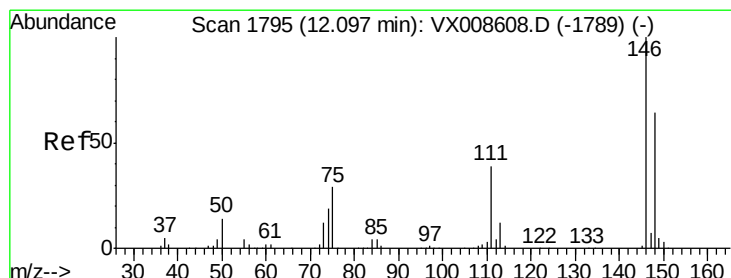
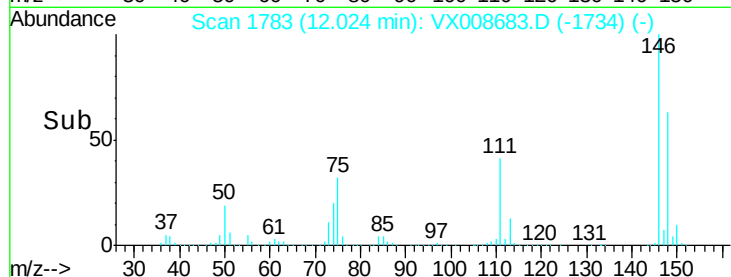
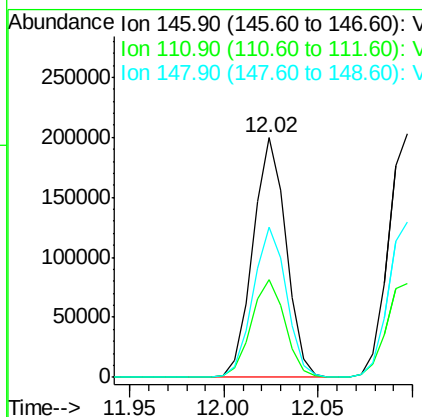
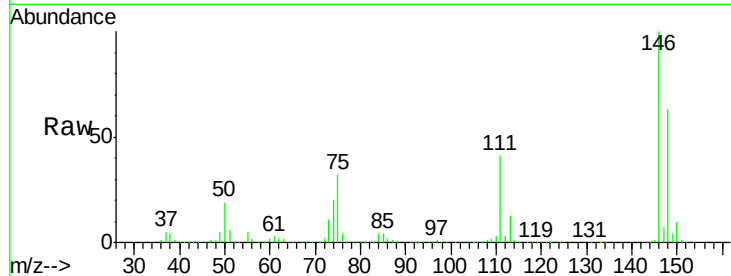
ClientSampled :

VSTDCCC050

Tgt Ion:	146	Resp:	243639
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.5	61.5
148	63.1	31.6	94.7

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#88

1,4-Dichlorobenzene

Concen: 47.213 ug/l

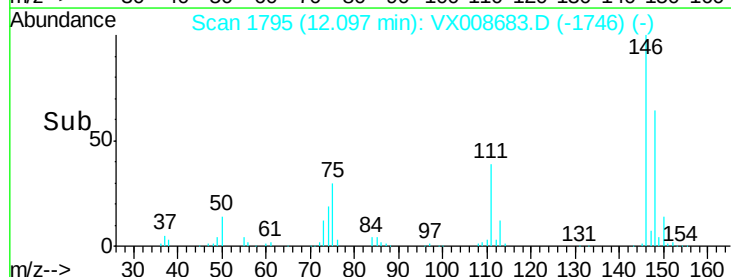
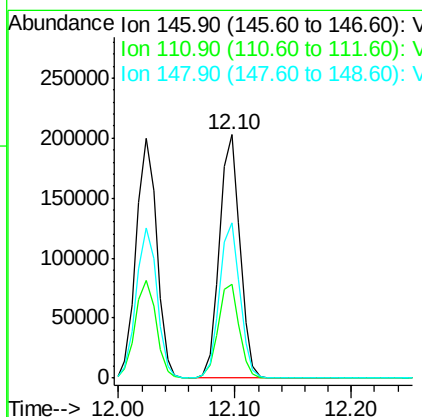
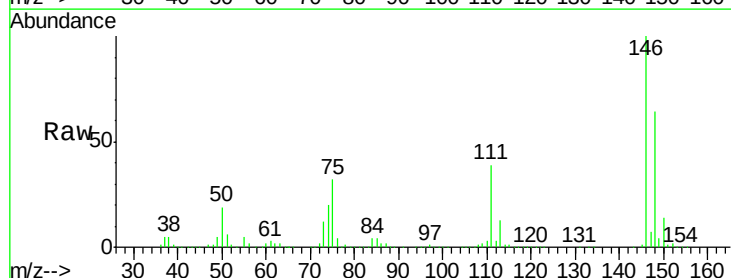
RT: 12.10 min Scan# 1795

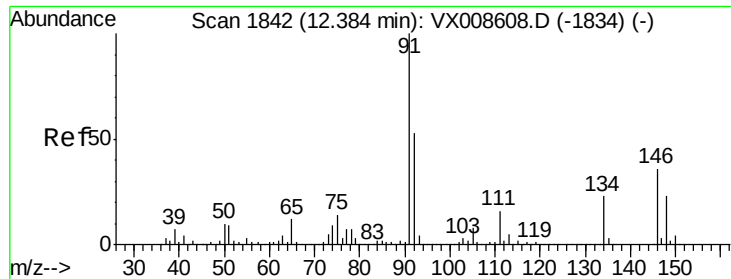
Delta R.T. -0.00 min

Lab File: VX008683.D

Acq: 05 Apr 2019 15:17

Tgt Ion:	146	Resp:	244103
Ion Ratio	Lower	Upper	
146	100		
111	39.8	20.2	60.6
148	63.8	32.0	96.0





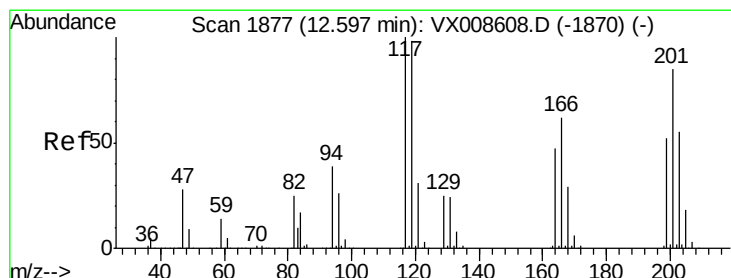
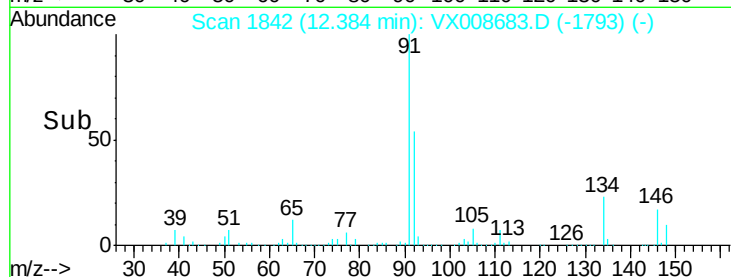
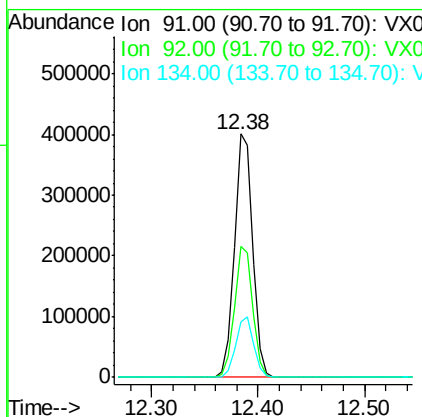
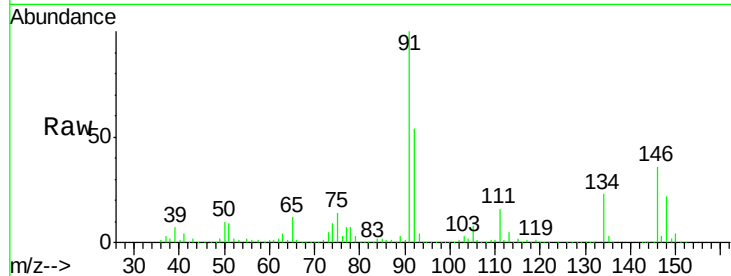
#89
n-Butylbenzene
Concen: 50.154 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 480443
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.2
134 24.4 12.0 36.0

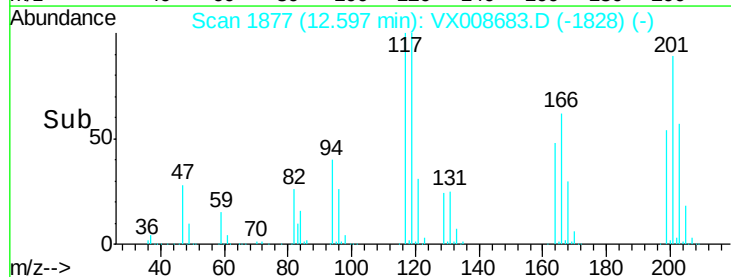
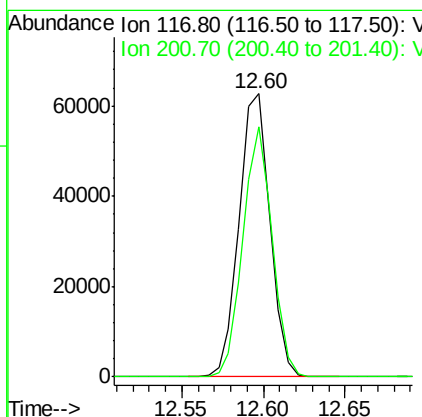
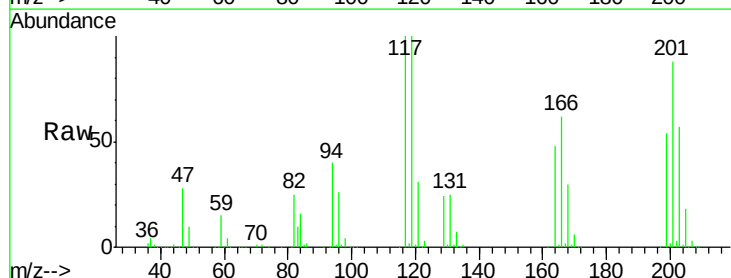
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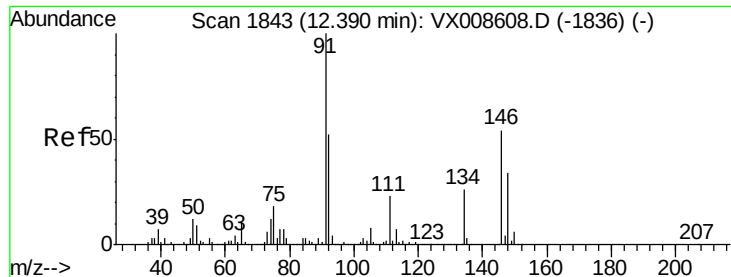
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#90
Hexachloroethane
Concen: 48.936 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion: 117 Resp: 82906
Ion Ratio Lower Upper
117 100
201 83.7 40.6 122.0





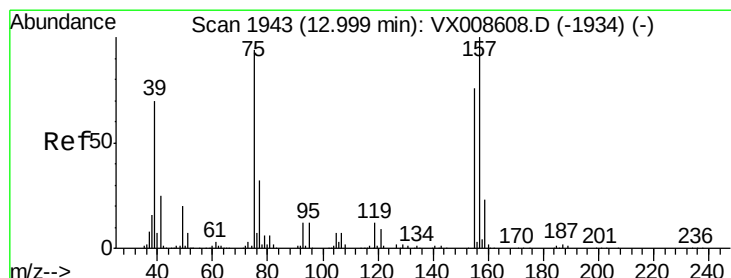
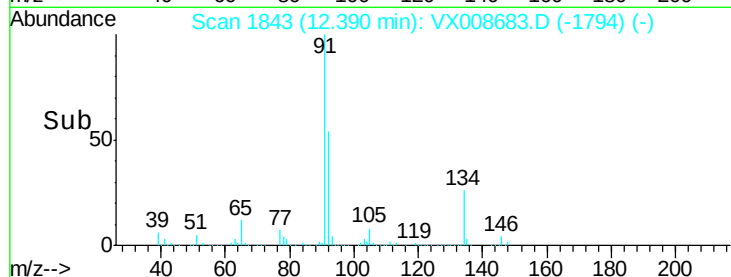
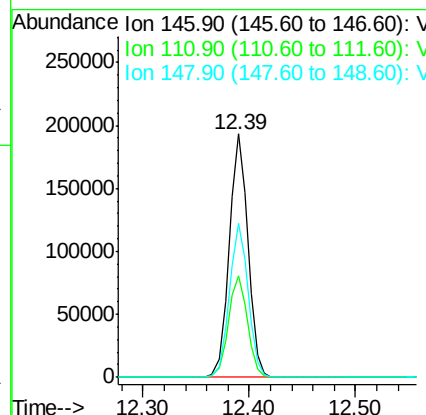
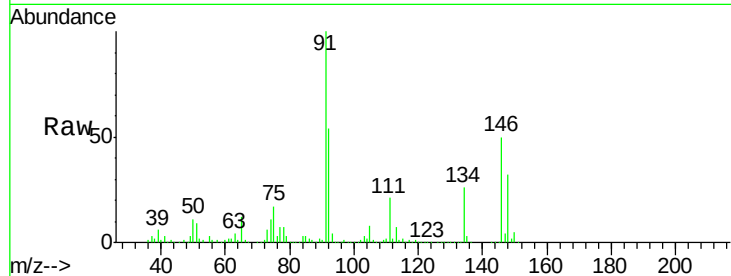
#91
 1,2-Dichlorobenzene
 Concen: 46.987 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	238198		
111	42.1	21.3	63.9	
148	63.4	31.7	95.1	

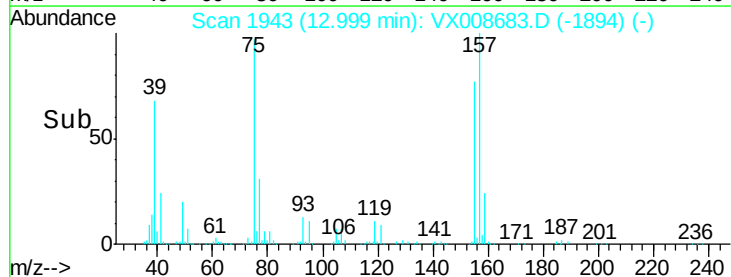
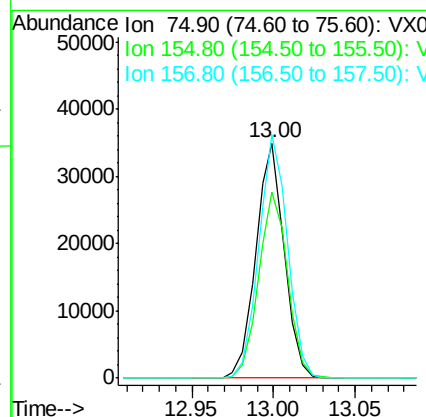
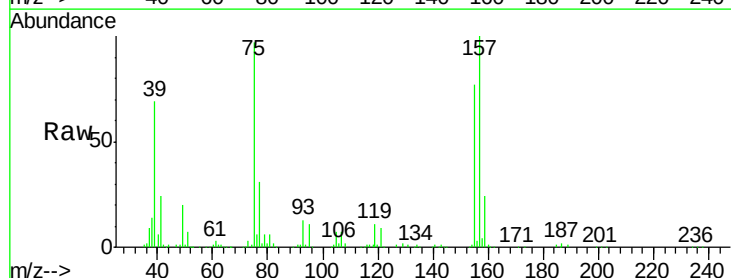
Manual Integrations
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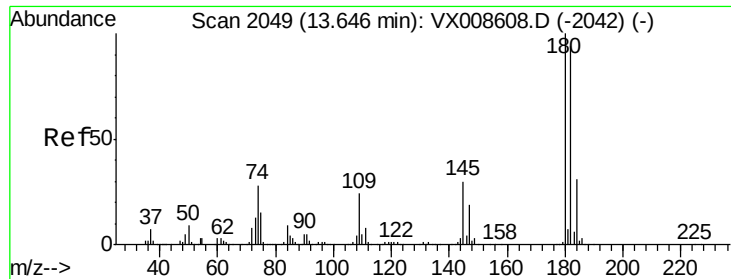
MMDadoda
 4/8/2019 9:49:47 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.503 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42187		
155	80.8	39.9	119.6	
157	104.7	51.5	154.7	





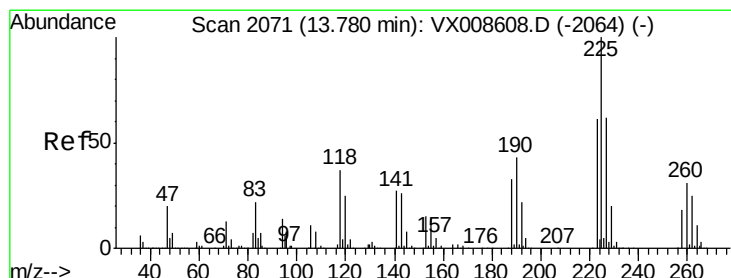
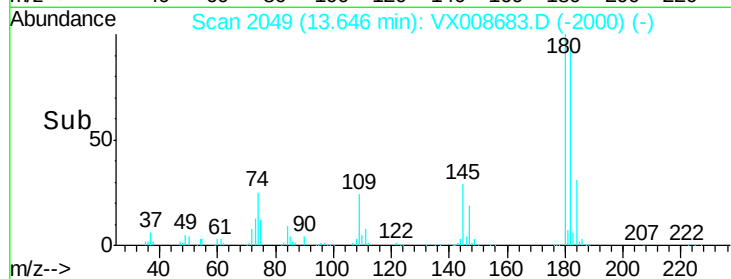
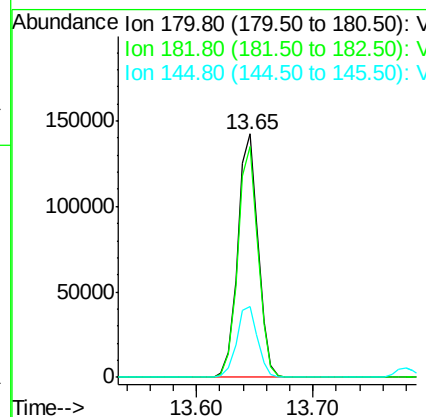
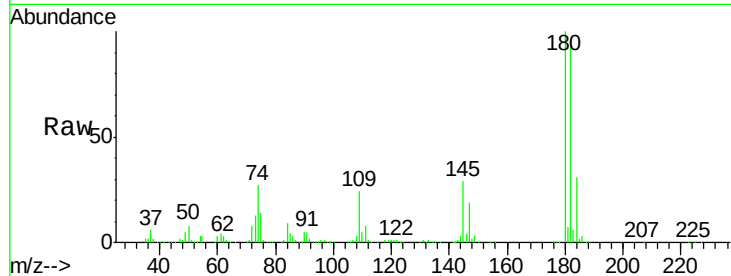
#93
 1,2,4-Trichlorobenzene
 Concen: 49.073 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	172972		
182	94.8	47.2	141.6	
145	29.8	15.3	45.9	

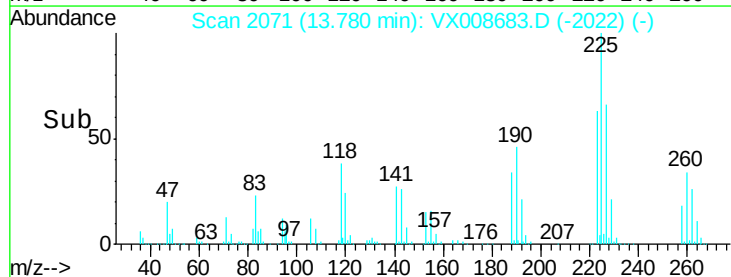
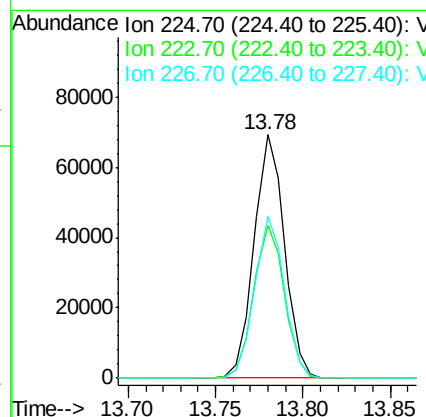
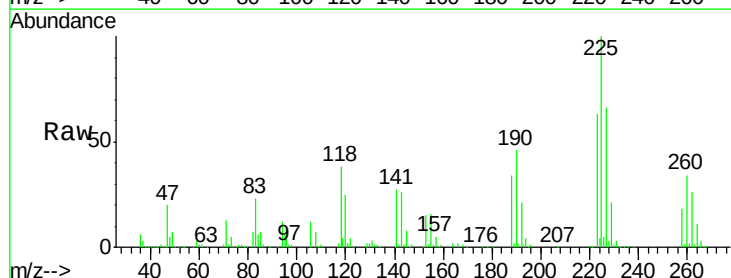
Manual Integrations
 APPROVED

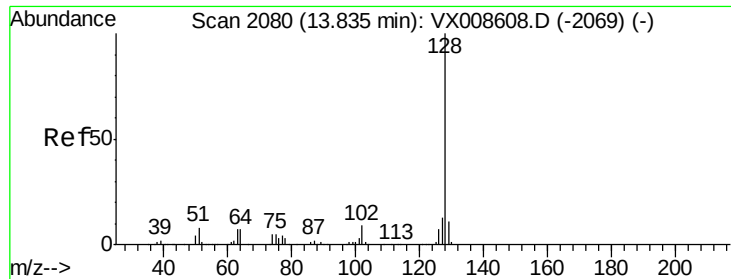
MMDadoda
 4/8/2019 9:49:47 AM



#94
 Hexachlorobutadiene
 Concen: 49.411 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008683.D
 Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83525		
223	63.6	31.2	93.6	
227	65.4	31.9	95.5	





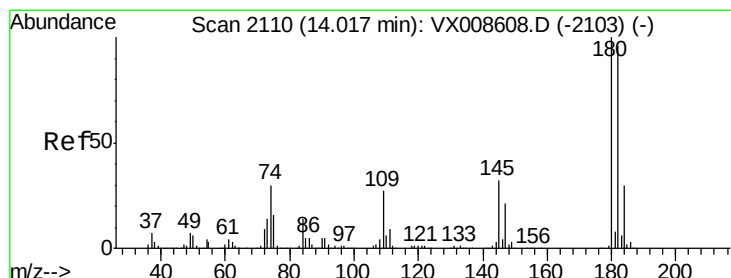
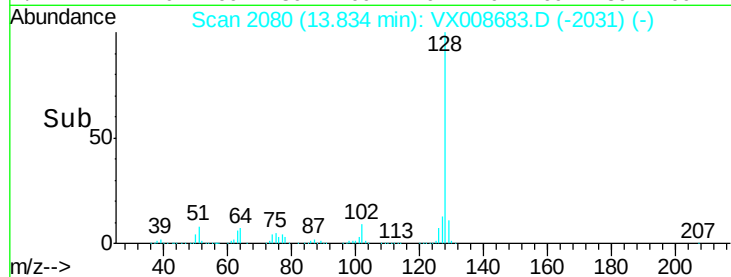
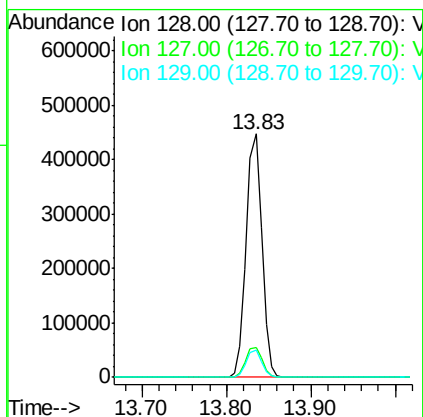
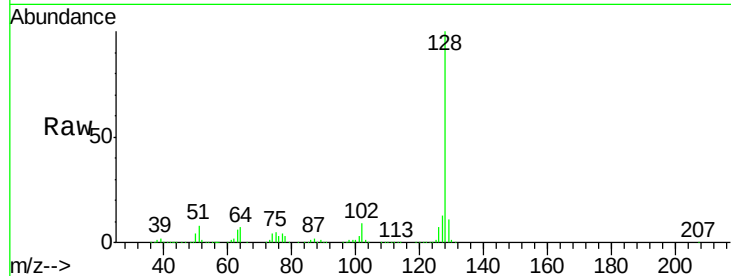
#95
Naphthalene
Concen: 46.997 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	553649		
127	12.8		10.4	15.6
129	10.9		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/8/2019 9:49:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.539 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008683.D
Acq: 05 Apr 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	170940		
182	94.5		48.1	144.3
145	31.1		16.3	48.8

