

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103118\
 Data File : VX005710.D
 Acq On : 31 Oct 2018 15:47
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 9:49:25 AM

Quant Time: Oct 31 16:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 15:57:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	117187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	191573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163945	92.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.76%	
35) Dibromofluoromethane	5.51	113	128191	94.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.52%	
50) Toluene-d8	8.72	98	459845	98.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.94%	
62) 4-Bromofluorobenzene	11.14	95	178039	109.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148926	115.568	ug/l	91
3) Chloromethane	1.32	50	154437	95.850	ug/l	92
4) Vinyl Chloride	1.41	62	162401	96.065	ug/l	99
5) Bromomethane	1.64	94	200933	97.243	ug/l	100
6) Chloroethane	1.70	64	131479	119.236	ug/l	100
7) Trichlorofluoromethane	1.92	101	208942	96.781	ug/l	95
8) Diethyl Ether	2.19	74	86784	87.570	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119618	89.352	ug/l	91
10) Methyl Iodide	2.51	142	133125	125.821	ug/l	99
11) Tert butyl alcohol	3.09	59	222487	475.739	ug/l	100
12) 1,1-Dichloroethene	2.37	96	117119	89.030	ug/l	87
13) Acrolein	2.30	56	169062	601.960	ug/l	98
14) Allyl chloride	2.73	41	250470	93.309	ug/l	96
15) Acrylonitrile	3.15	53	501549	484.151	ug/l	98
16) Acetone	2.45	43	444985	431.895	ug/l	91
17) Carbon Disulfide	2.56	76	359606	89.646	ug/l	100
18) Methyl Acetate	2.78	43	228231	89.234	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	430922	97.742	ug/l	95
20) Methylene Chloride	2.85	84	134844	87.329	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	121777	87.910	ug/l	90
22) Diisopropyl ether	3.87	45	479969	98.908	ug/l	97
23) Vinyl Acetate	3.83	43	2152157	513.539	ug/l	97
24) 1,1-Dichloroethane	3.70	63	255726	89.806	ug/l	99
25) 2-Butanone	4.71	43	712150	486.058	ug/l	96
26) 2,2-Dichloropropane	4.58	77	194912	92.115	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145074	94.488	ug/l	98
28) Bromochloromethane	5.02	49	126311	91.158	ug/l	91
29) Tetrahydrofuran	5.16	42	442899	504.265	ug/l	94
30) Chloroform	5.22	83	249763	90.315	ug/l	97
31) Cyclohexane	5.57	56	234624	103.520	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	207944	95.681	ug/l	96
36) 1,1-Dichloropropene	5.79	75	194835	93.962	ug/l	98
37) Ethyl Acetate	4.87	43	255198	97.805	ug/l	100
38) Carbon Tetrachloride	5.78	117	179419	96.569	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	216351	103.494	ug/l	96
40) Benzene	6.14	78	588305	95.715	ug/l	97
41) Methacrylonitrile	5.06	41	136750	97.169	ug/l	97
42) 1,2-Dichloroethane	6.20	62	209757	90.932	ug/l	98
43) Isopropyl Acetate	6.47	43	385262	104.784	ug/l	98
44) Trichloroethene	7.21	130	130076	90.213	ug/l	98
45) 1,2-Dichloropropane	7.52	63	147856	93.433	ug/l	100
46) Dibromomethane	7.66	93	91634	89.940	ug/l	90
47) Bromodichloromethane	7.90	83	179526	95.922	ug/l	98
48) Methyl methacrylate	7.78	41	190937	108.615	ug/l	97
49) 1,4-Dioxane	7.76	88	85058	2154.512	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1345303	550.680	ug/l	98
52) Toluene	8.79	92	323008	98.459	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	213386	110.593	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	224215	106.812	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136758	94.851	ug/l	97
56) Ethyl methacrylate	9.18	69	236377	118.169	ug/l	97
57) 1,3-Dichloropropane	9.37	76	237492	96.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	666988	589.523	ug/l	94
59) 2-Hexanone	9.50	43	1085203	542.342	ug/l	96
60) Dibromochloromethane	9.59	129	137318	101.412	ug/l	100
61) 1,2-Dibromoethane	9.68	107	140577	96.315	ug/l	98
64) Tetrachloroethene	9.34	164	116300	87.452	ug/l	96
65) Chlorobenzene	10.14	112	354078	94.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	125905	99.597	ug/l	98
67) Ethyl Benzene	10.25	91	648964	104.443	ug/l	97
68) m/p-Xylenes	10.36	106	486017	212.016	ug/l	95
69) o-Xylene	10.70	106	237235	109.395	ug/l	97
70) Styrene	10.71	104	409096	116.504	ug/l	98
71) Bromoform	10.86	173	110958	115.766	ug/l #	99
73) Isopropylbenzene	11.02	105	644564	101.526	ug/l	99
74) N-amyl acetate	10.90	43	361500	112.577	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	253220	95.513	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	230575m	94.552	ug/l	
77) Bromobenzene	11.26	156	153266	96.082	ug/l	86
78) n-propylbenzene	11.36	91	791363	103.308	ug/l	96
79) 2-Chlorotoluene	11.42	91	456491	98.477	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	564838	107.497	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	79266	112.824	ug/l	94
82) 4-Chlorotoluene	11.51	91	554398	101.413	ug/l	96
83) tert-Butylbenzene	11.77	119	536250	107.088	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	575720	108.974	ug/l	98
85) sec-Butylbenzene	11.95	105	680513	104.668	ug/l	97
86) p-Isopropyltoluene	12.07	119	586918	107.371	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	295008	95.869	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	300831	88.896	ug/l	97
89) n-Butylbenzene	12.39	91	589589	107.679	ug/l	98
90) Hexachloroethane	12.60	117	102435	105.993	ug/l	82
91) 1,2-Dichlorobenzene	12.40	146	302033	93.700	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61940	101.847	ug/l	86

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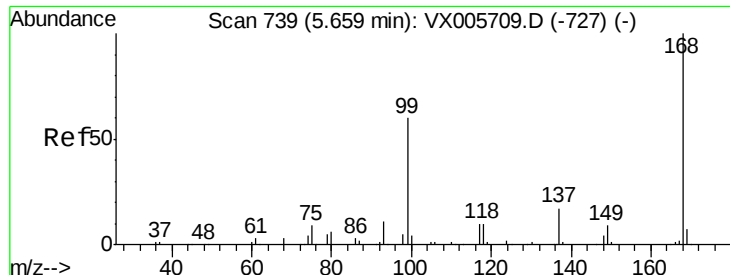
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	210548	105.723	ug/l	99
94) Hexachlorobutadiene	13.79	225	93926	93.377	ug/l	99
95) Naphthalene	13.83	128	742713	117.407	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	214075	104.939	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 117187

Ion Ratio Lower Upper

168 100

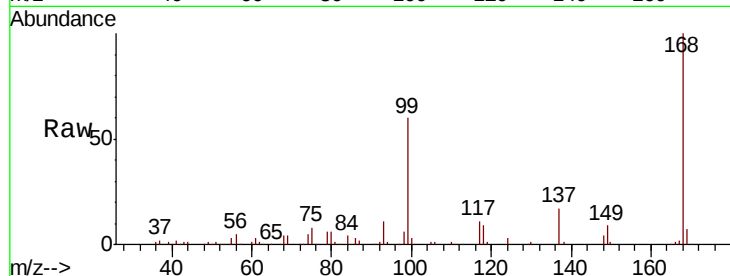
99 59.6 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

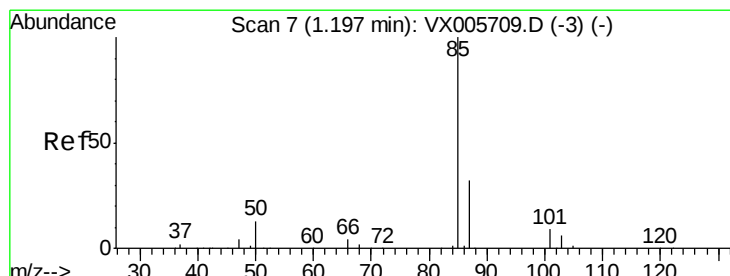
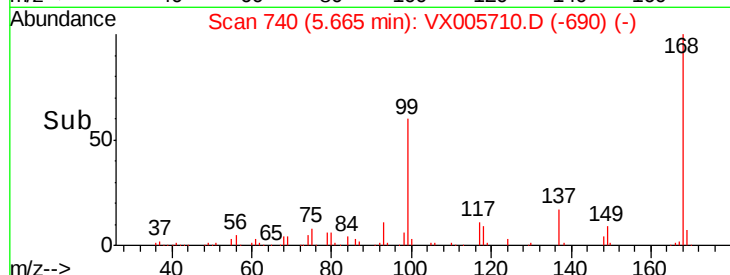
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 115.568 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005710.D

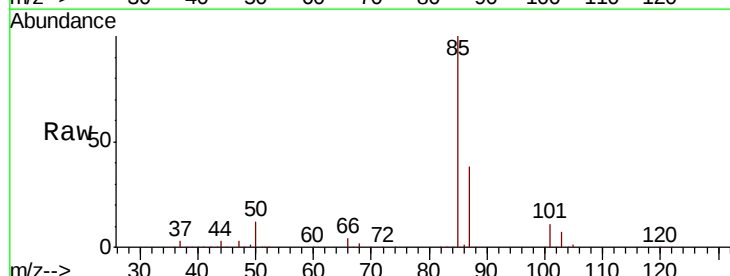
Acq: 31 Oct 2018 15:47

Tgt Ion: 85 Resp: 148926

Ion Ratio Lower Upper

85 100

87 37.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

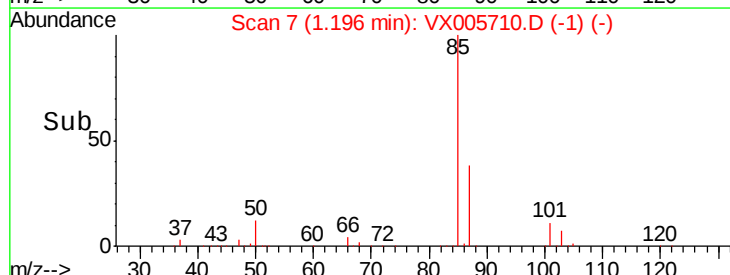
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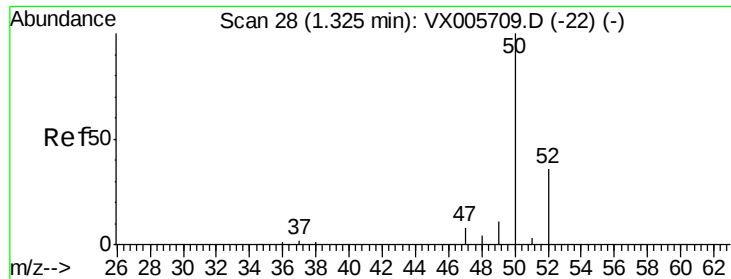
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 95.850 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 154437

Ion Ratio Lower Upper

50 100

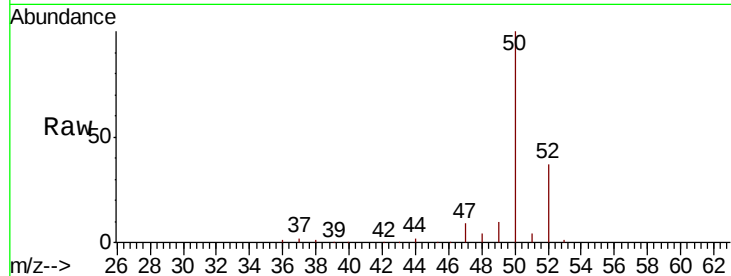
52 37.4 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

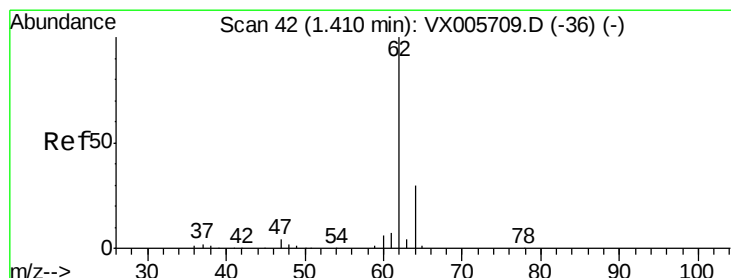
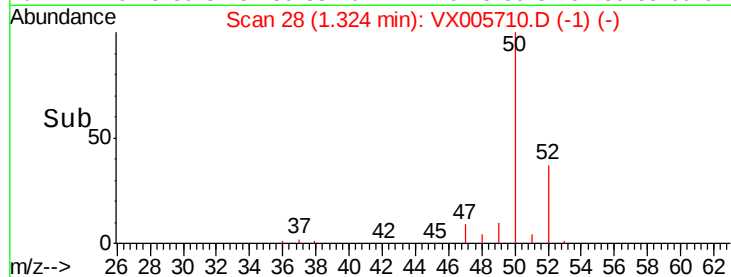
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 96.065 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX005710.D

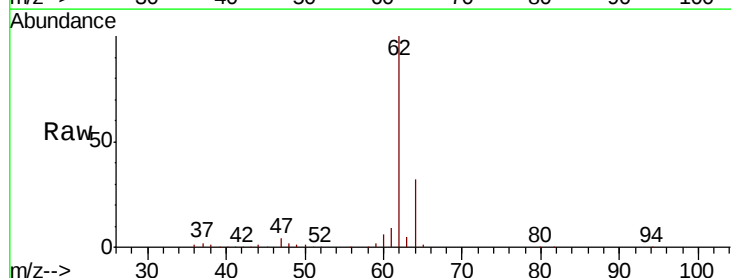
Acq: 31 Oct 2018 15:47

Tgt Ion: 62 Resp: 162401

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

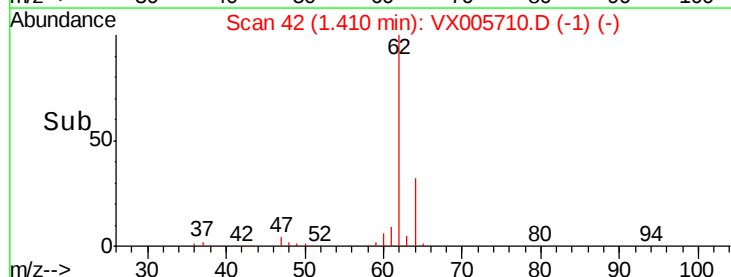
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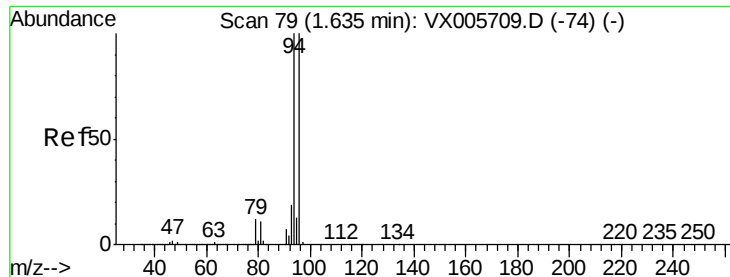
100000

50000

0

Time-->





#5

Bromomethane

Concen: 97.243 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 200933

Ion Ratio Lower Upper

94 100

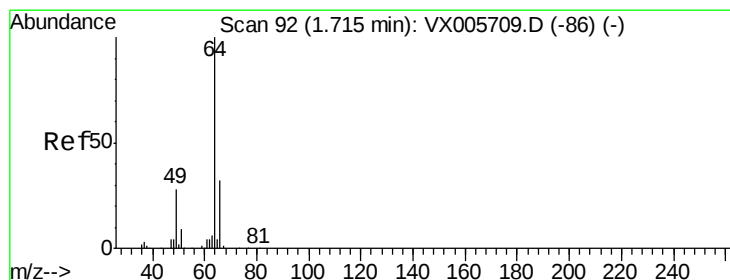
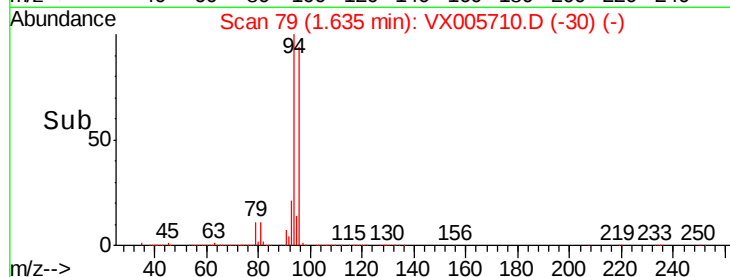
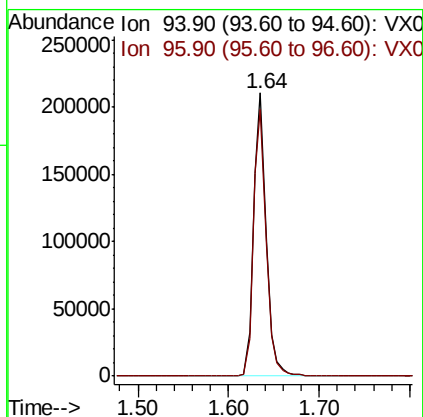
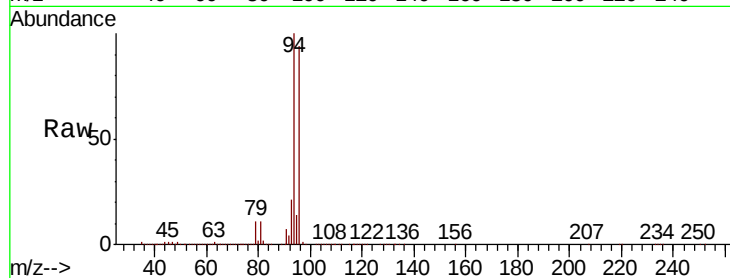
96 94.4 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 119.236 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005710.D

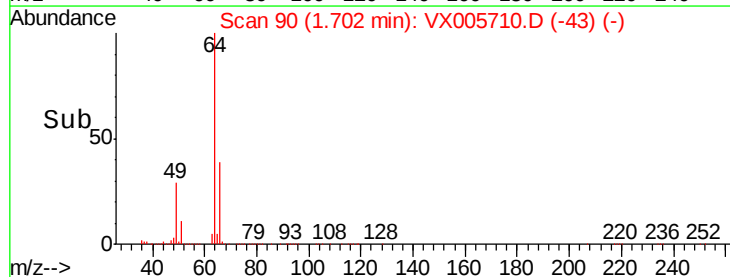
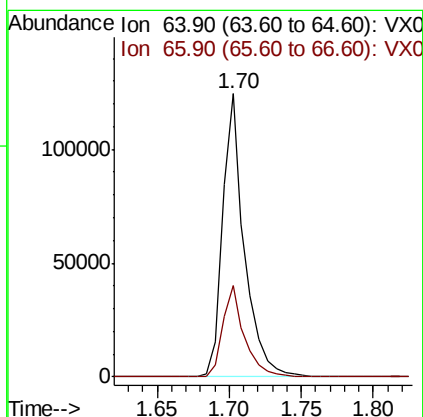
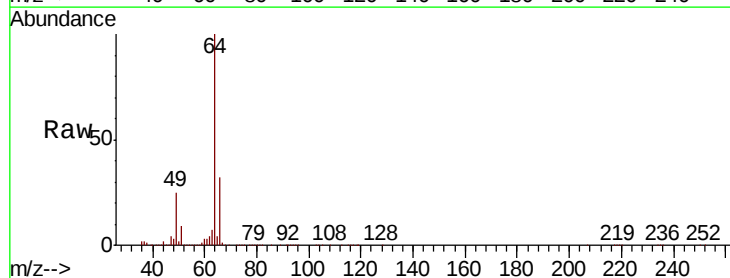
Acq: 31 Oct 2018 15:47

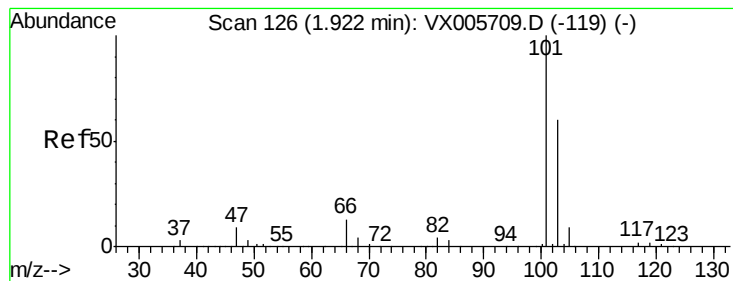
Tgt Ion: 64 Resp: 131479

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.6





#7

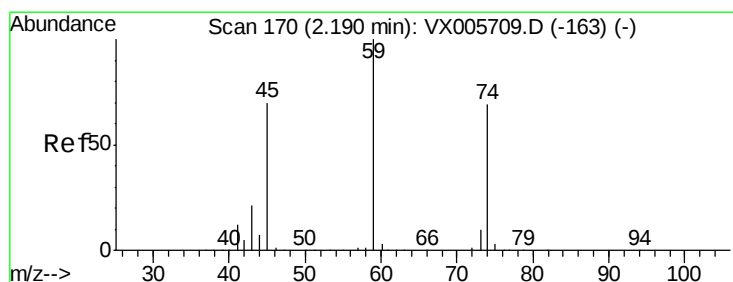
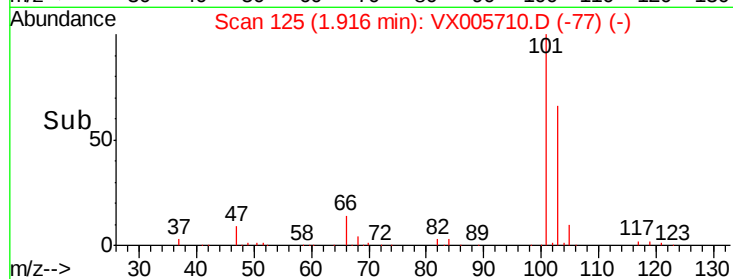
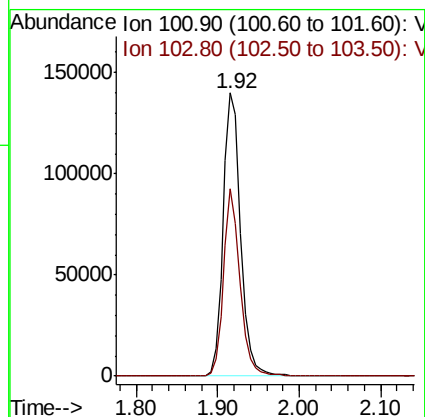
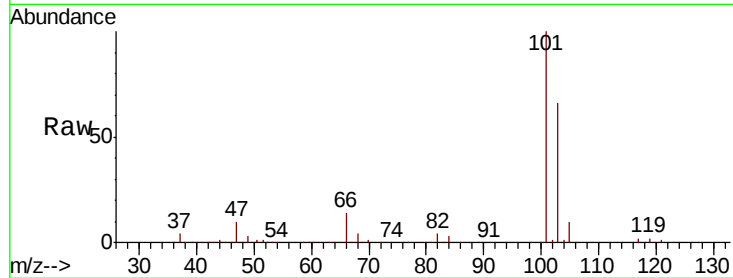
Trichlorofluoromethane
 Concen: 96.781 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 101 Resp: 208942
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.0 75.0

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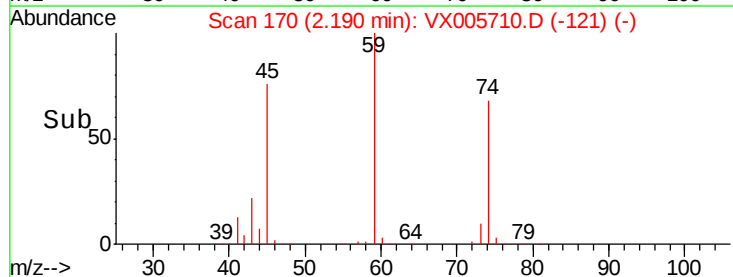
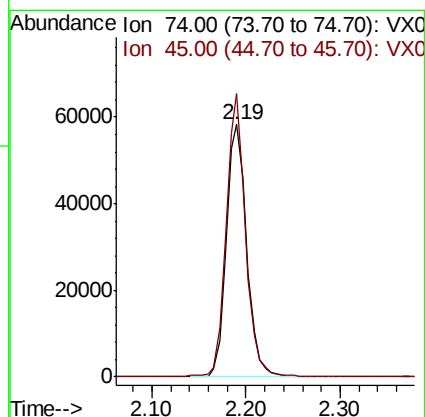
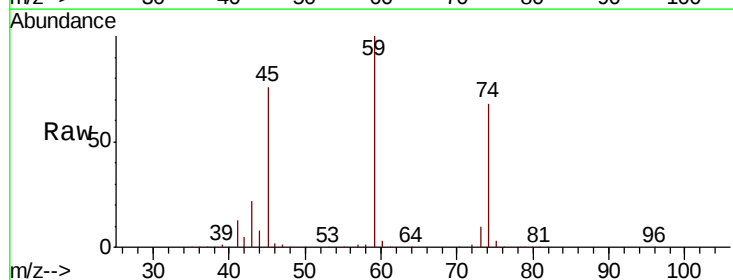
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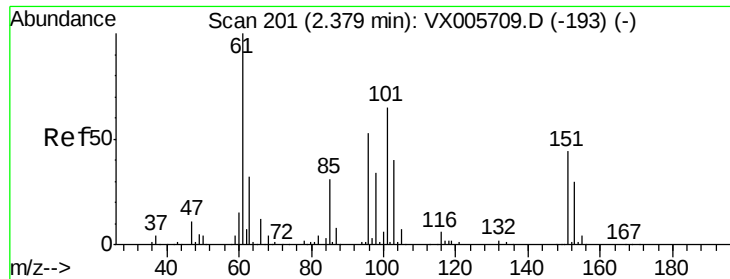


#8

Diethyl Ether
 Concen: 87.570 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion: 74 Resp: 86784
 Ion Ratio Lower Upper
 74 100
 45 106.4 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 89.352 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

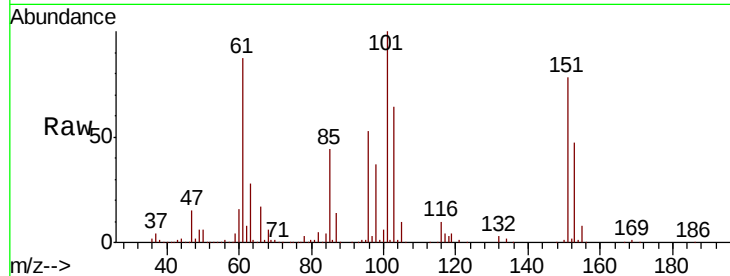
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	119618
Ion Ratio	Lower	Upper	
101	100		
85	48.0	35.0	52.4
151	73.7	66.2	99.2

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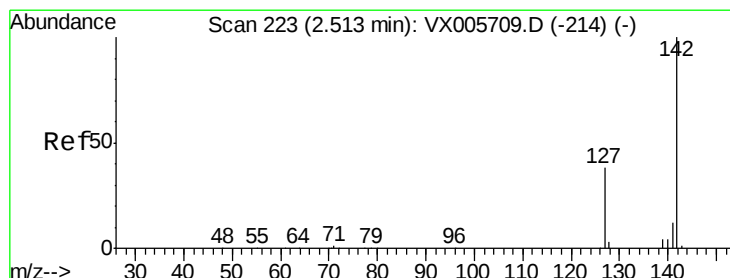
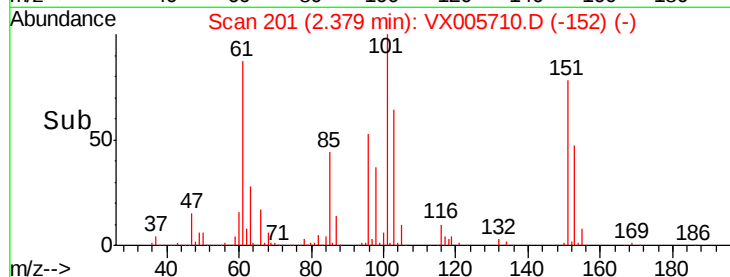
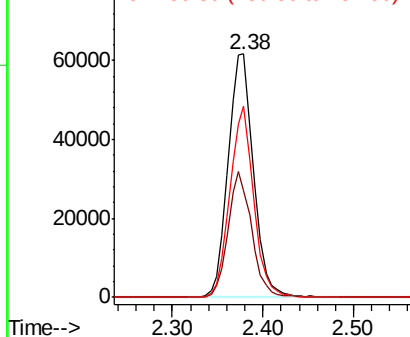


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 125.821 ug/l

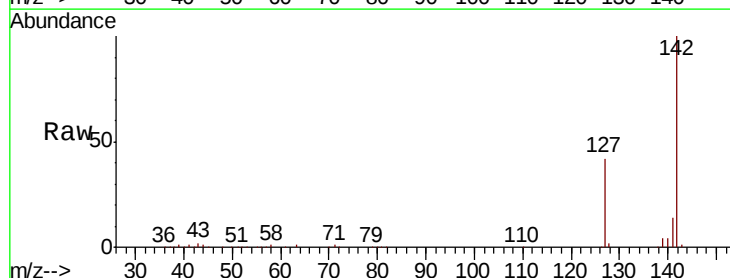
RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Tgt Ion:	142	Resp:	133125
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.0	54.0
141	14.8	11.7	17.5

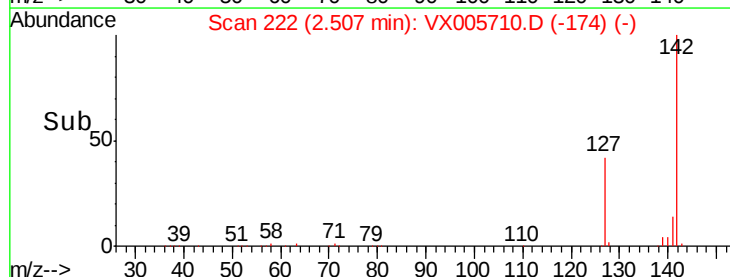
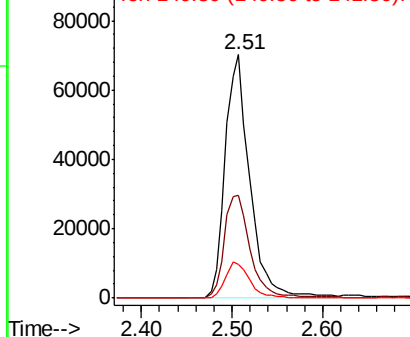


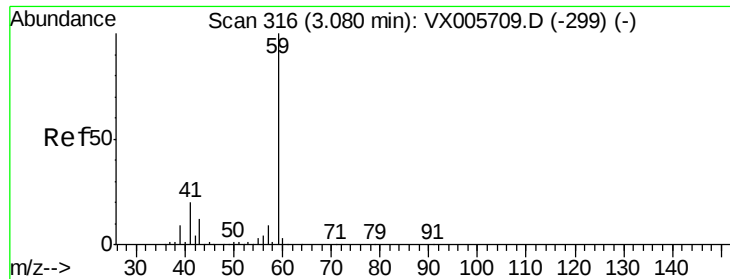
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





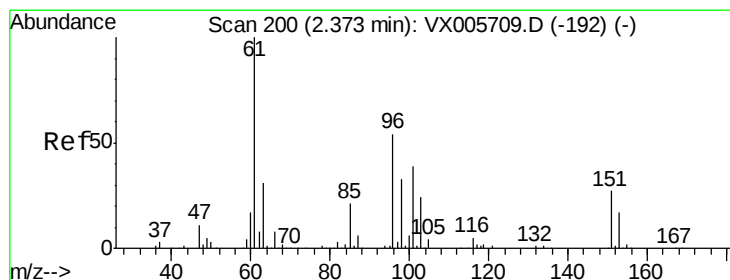
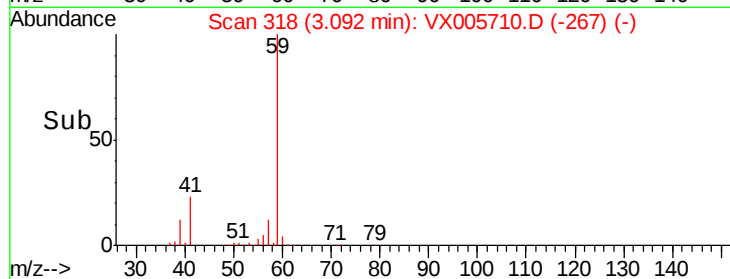
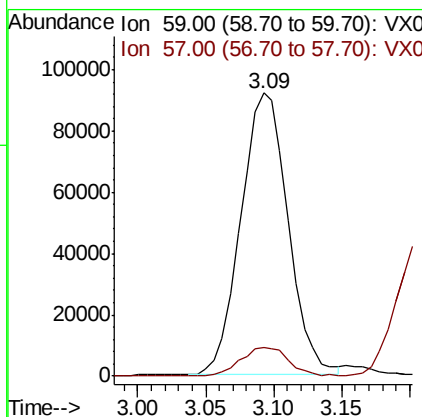
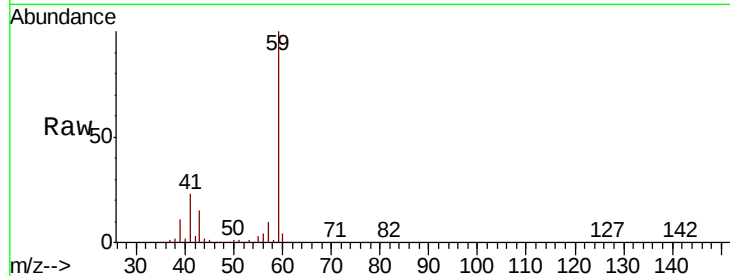
#11
Tert butyl alcohol
Concen: 475.739 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	222487
Ion Ratio	100	Lower	Upper
59	100	8.5	12.7
57	10.5		

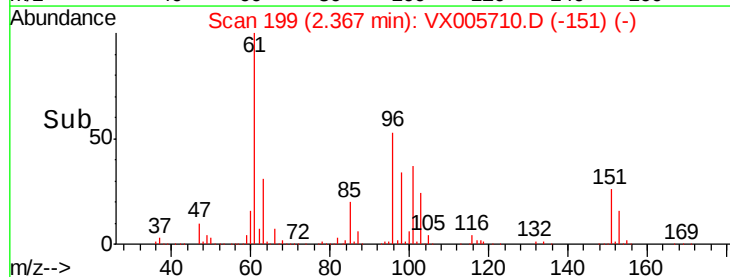
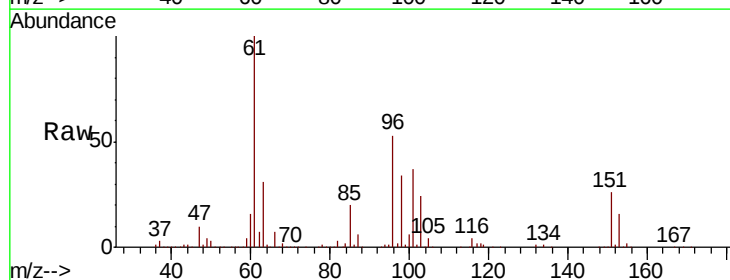
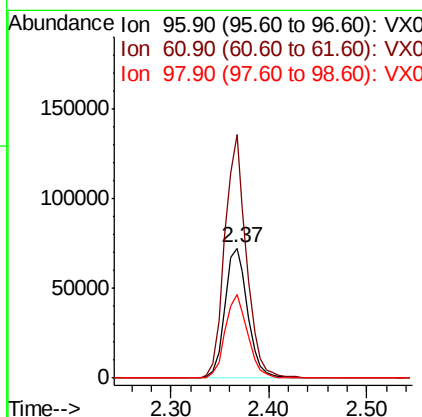
Manual Integrations
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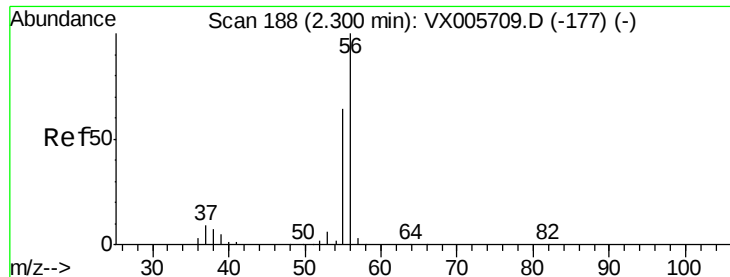
MMDadoda
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#12
1,1-Dichloroethene
Concen: 89.030 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	96	Resp	117119
Ion Ratio	100	Lower	Upper
96	100	131.8	197.8
61	187.2	53.4	80.2
98	64.1		





#13

Acrolein

Concen: 601.960 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 169062

Ion Ratio Lower Upper

56 100

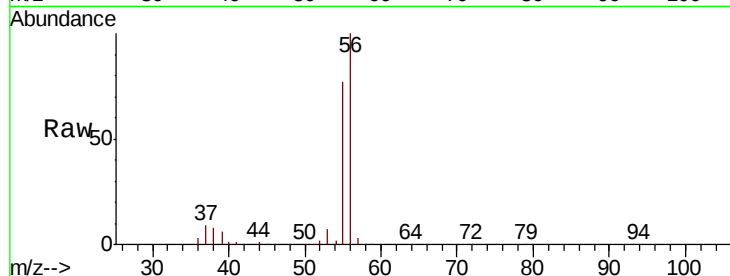
55 73.2 57.3 85.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

120000

100000

80000

60000

40000

20000

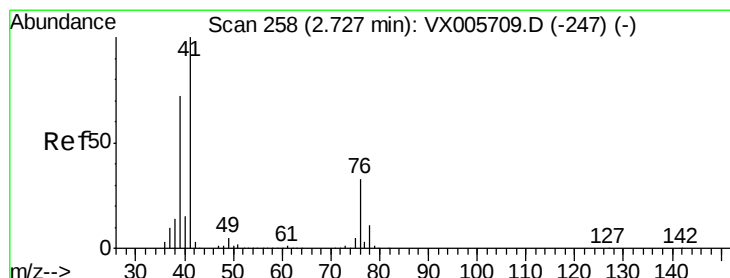
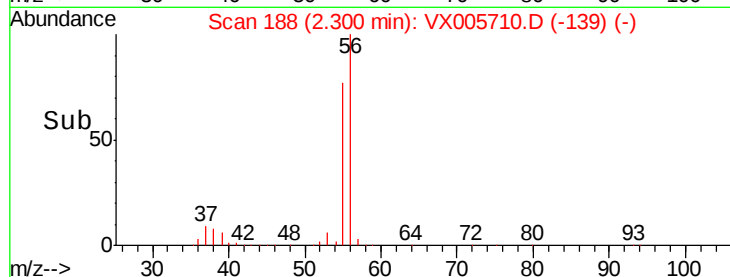
0

2.30

2.20

2.40

Time-->



#14

Allyl chloride

Concen: 93.309 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

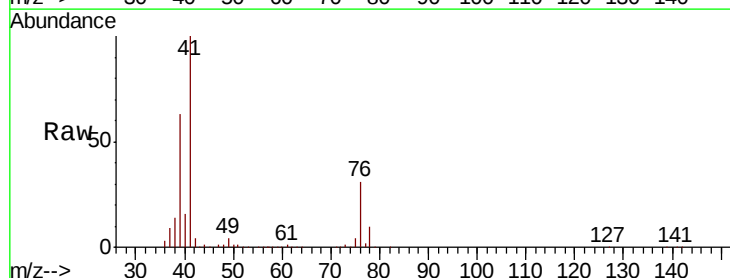
Tgt Ion: 41 Resp: 250470

Ion Ratio Lower Upper

41 100

39 62.4 48.2 72.4

76 31.6 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

100000

50000

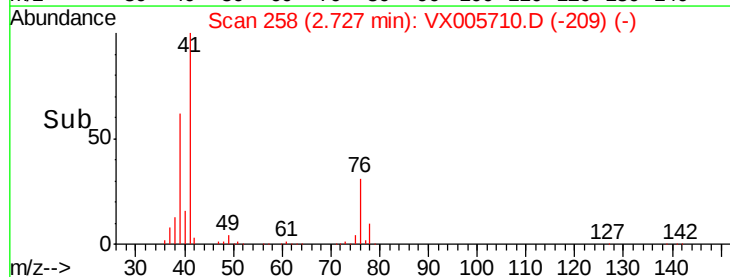
0

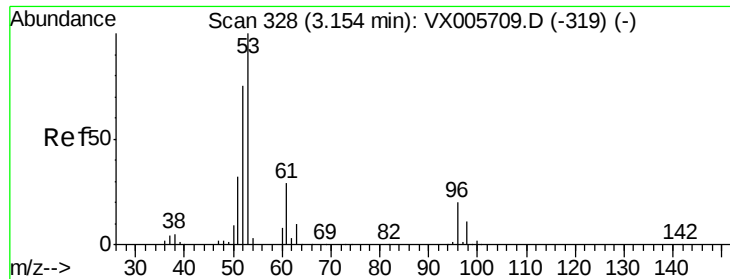
2.73

2.70

2.80

Time-->





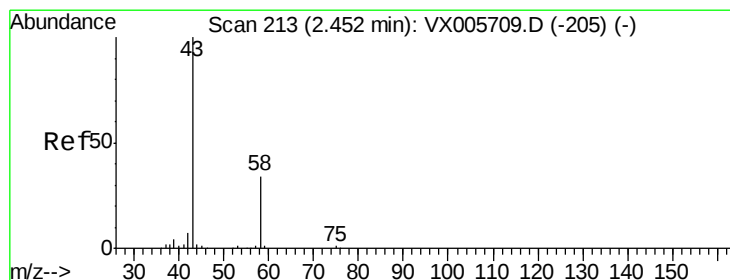
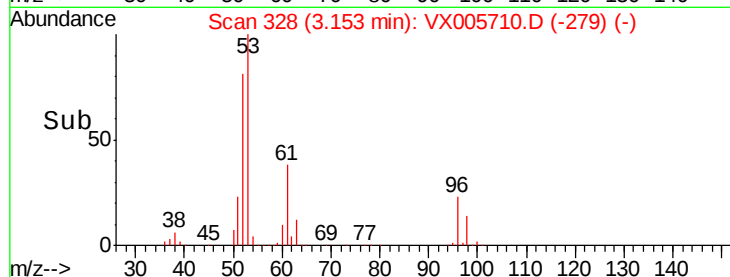
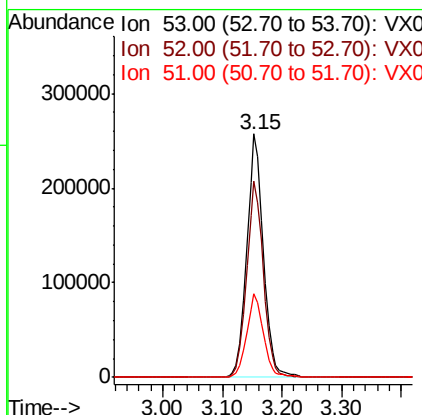
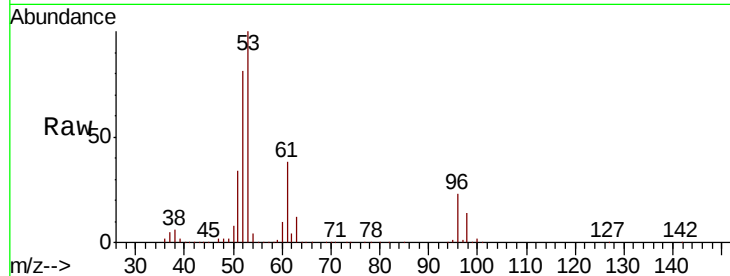
#15
 Acrylonitrile
 Concen: 484.151 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.8	66.6	99.8
51	34.5	28.4	42.6

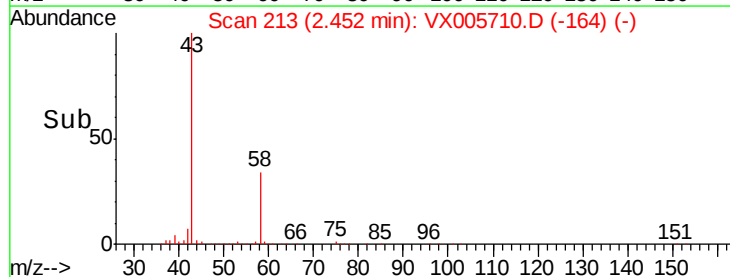
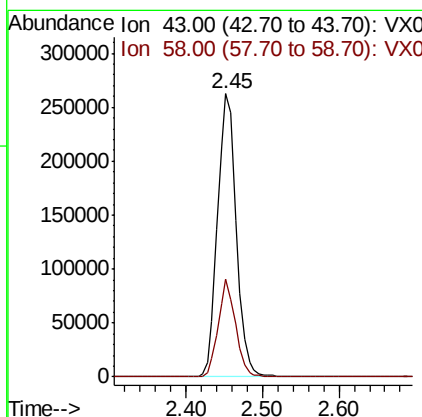
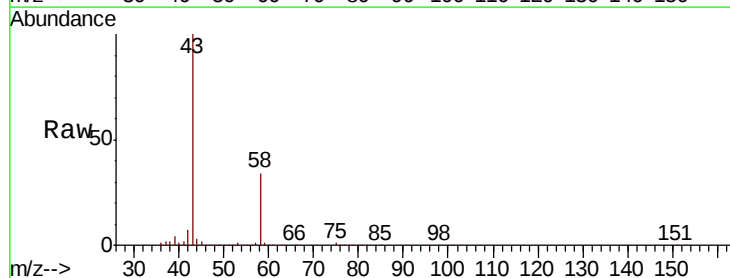
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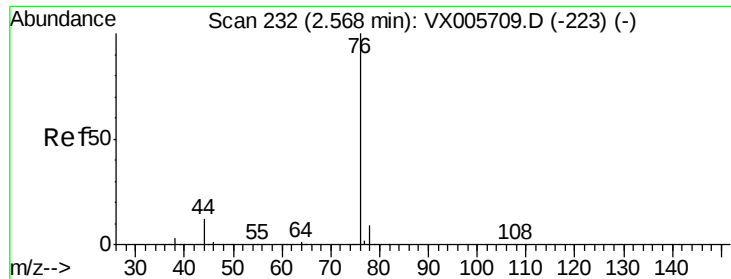
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#16
 Acetone
 Concen: 431.895 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.4	23.8	35.6





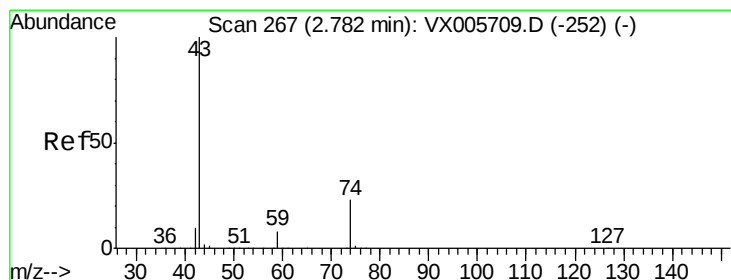
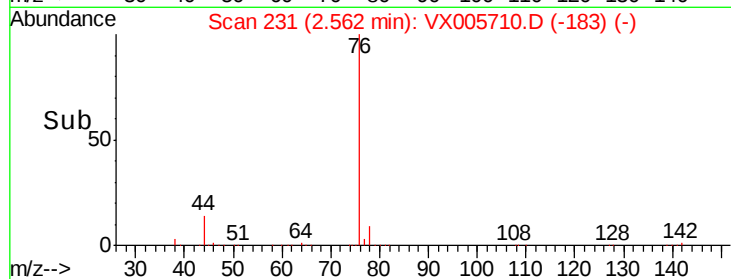
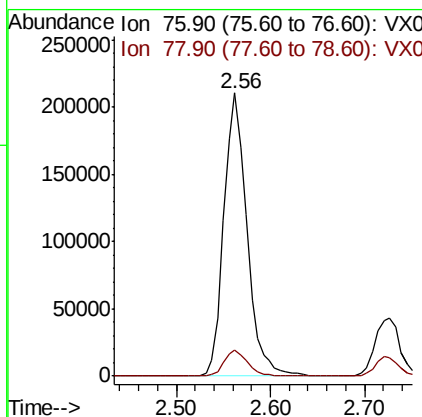
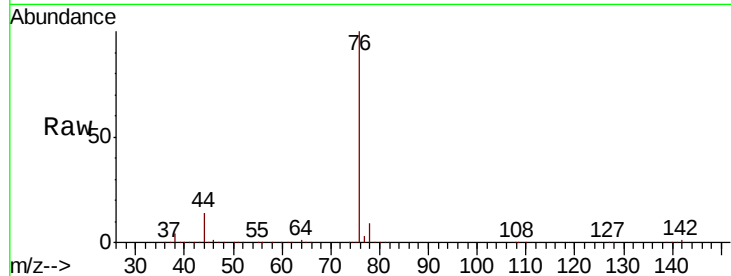
#17
Carbon Disulfide
Concen: 89.646 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

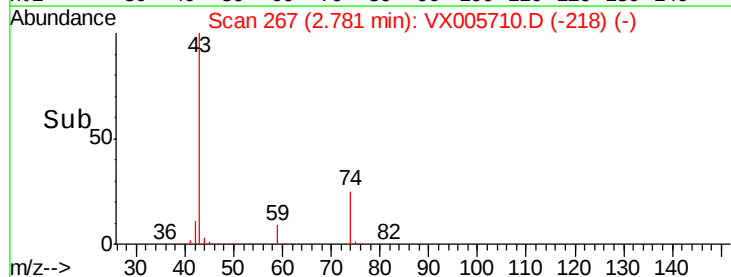
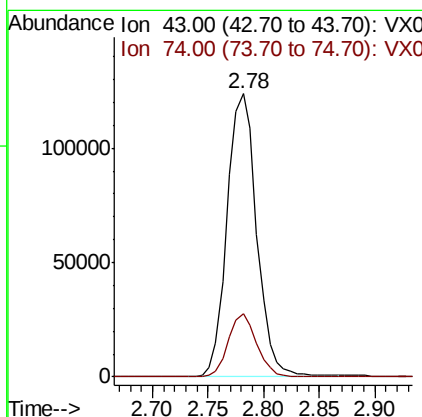
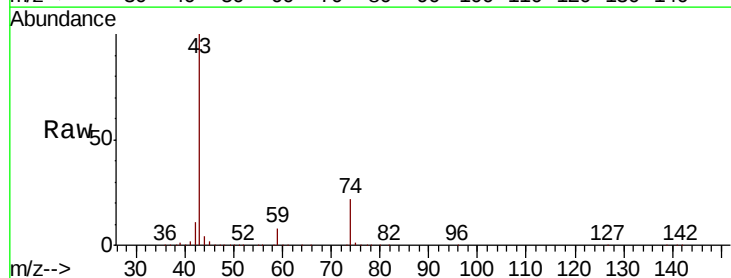
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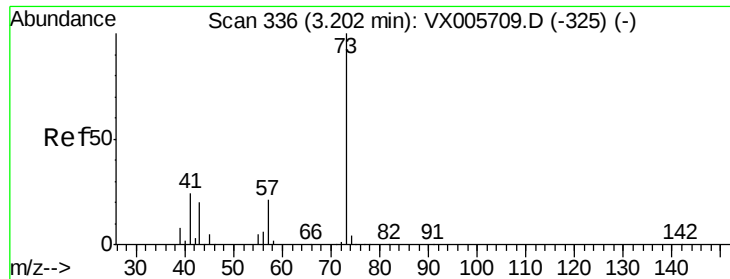
MMDadoda
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#18
Methyl Acetate
Concen: 89.234 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	16.8	25.2





#19

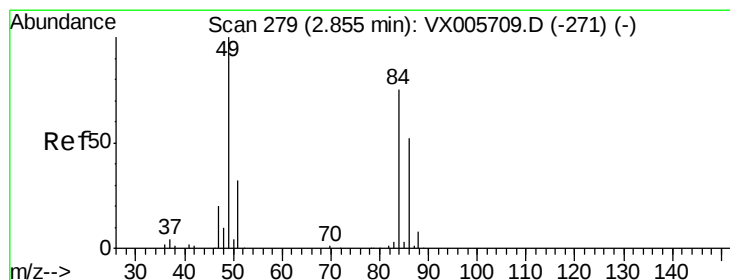
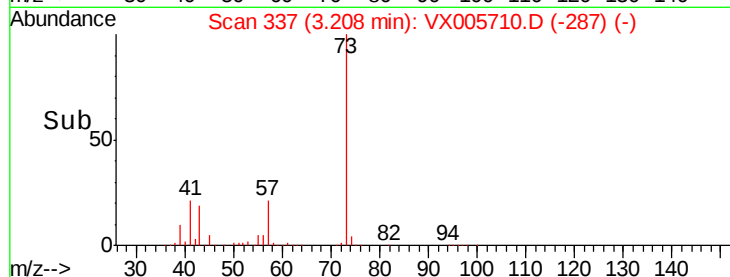
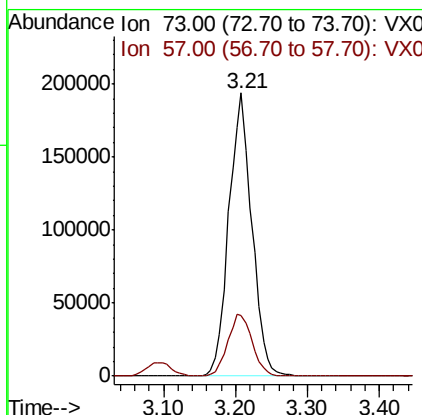
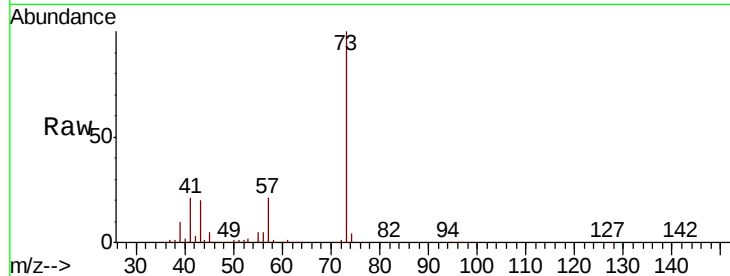
Methyl tert-butyl Ether
 Concen: 97.742 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.8	28.2

Manual Integrations
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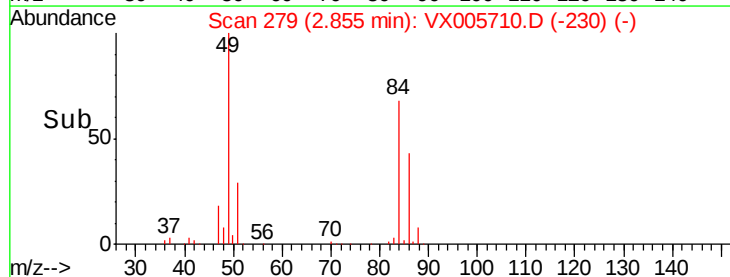
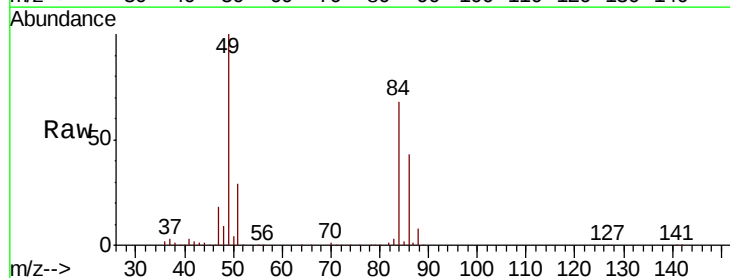
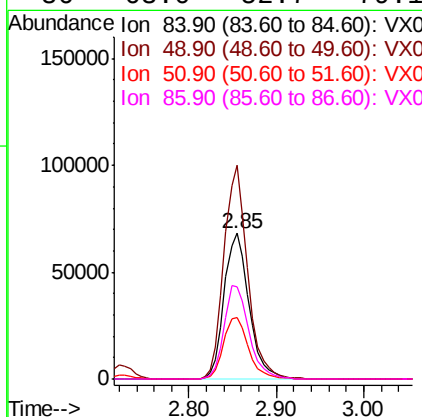
MMDadoda
 11/1/2018 9:49:25 AM

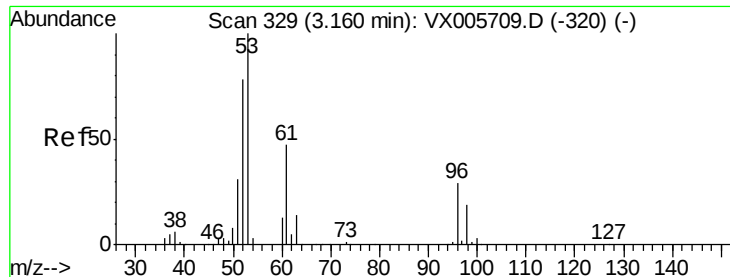


#20

Methylene Chloride
 Concen: 87.329 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	146.8	109.5	164.3
51	42.1	33.3	49.9
86	63.0	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 87.910 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

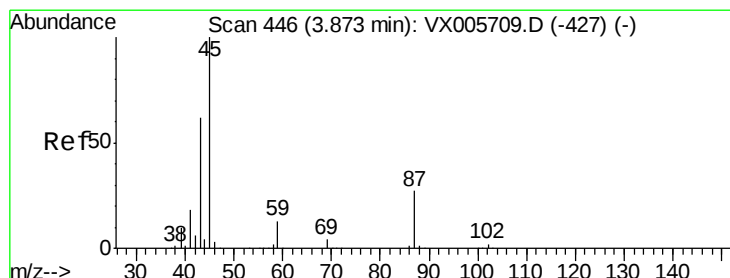
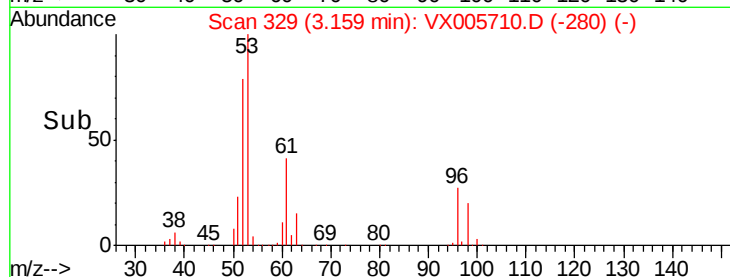
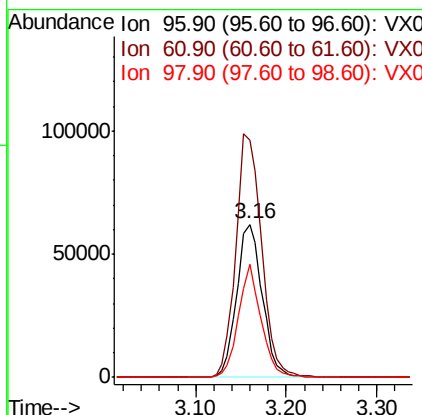
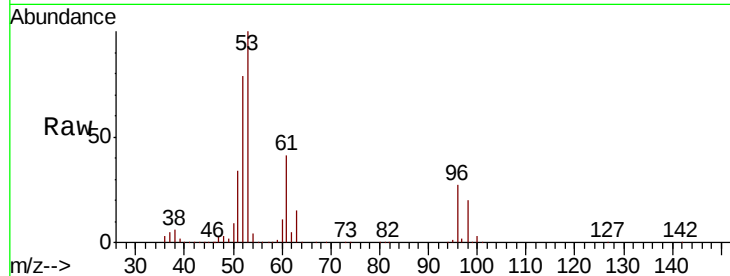
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	121777
Ion	Ratio	Lower	Upper
96	100		
61	154.3	115.6	173.4
98	73.9	50.2	75.2

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#22

Diisopropyl ether

Concen: 98.908 ug/l

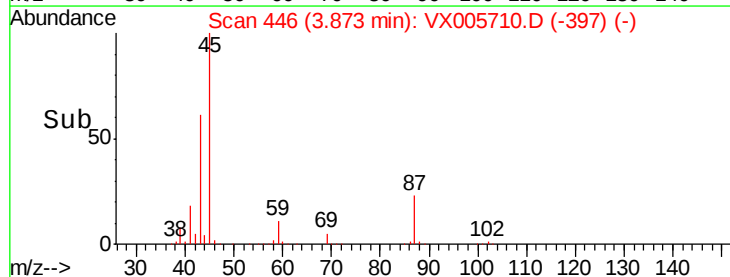
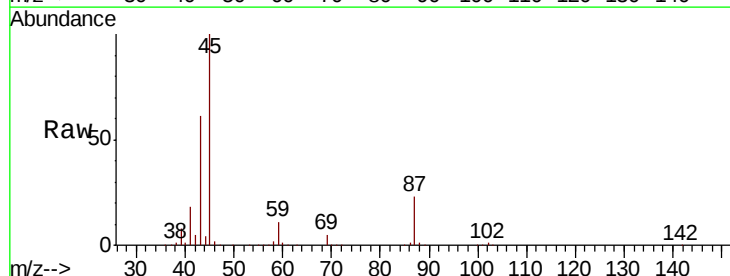
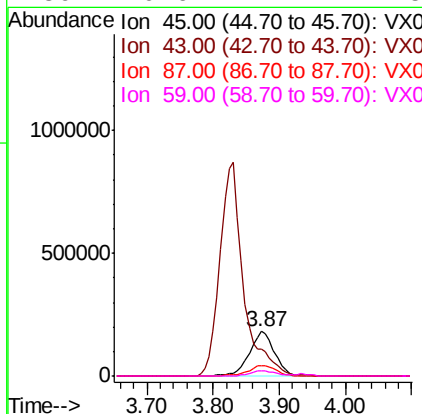
RT: 3.87 min Scan# 446

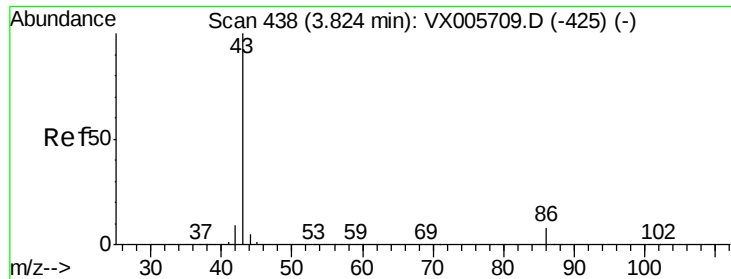
Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Tgt Ion:	45	Resp:	479969
Ion	Ratio	Lower	Upper
45	100		
43	60.9	47.4	71.2
87	23.5	15.9	23.9
59	10.6	7.7	11.5





#23

Vinyl Acetate

Concen: 513.539 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 2152157

Ion Ratio Lower Upper

43 100

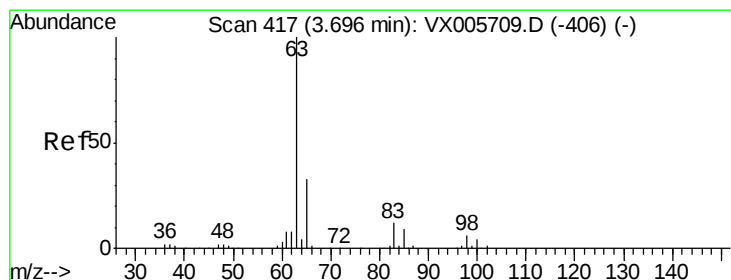
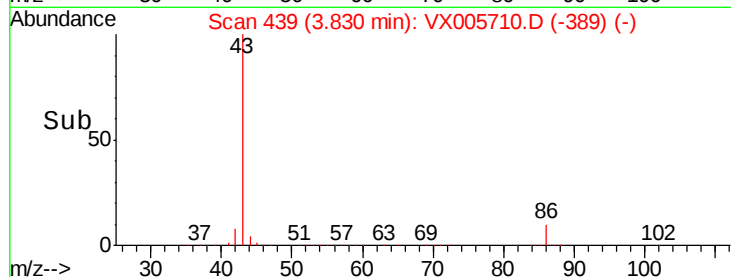
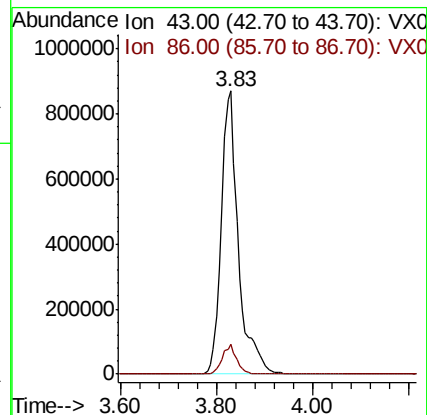
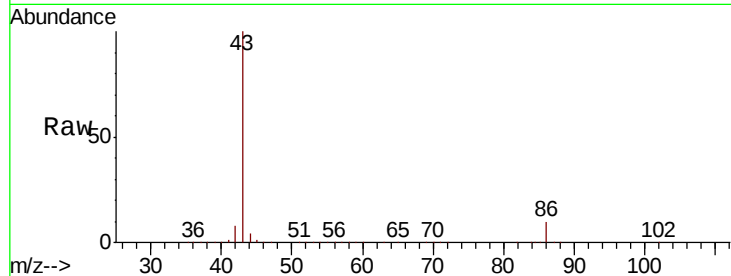
86 10.4 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 89.806 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

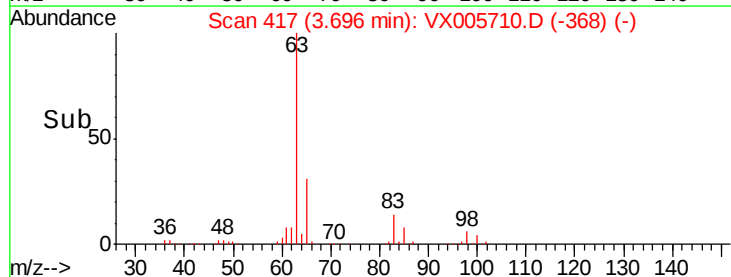
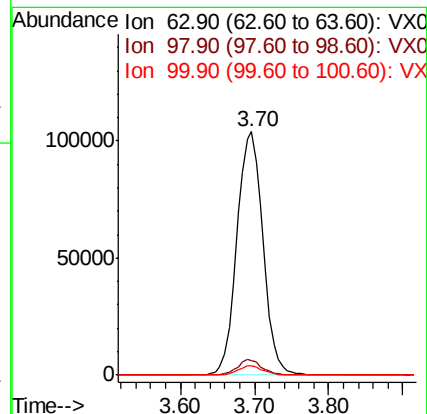
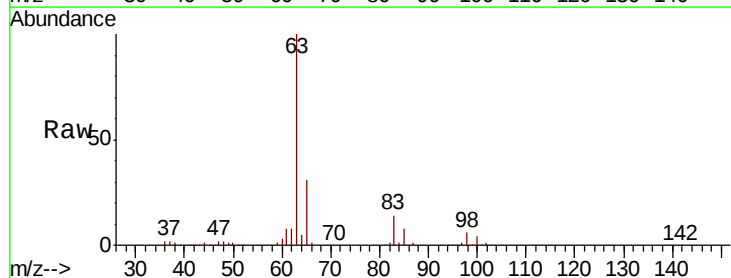
Tgt Ion: 63 Resp: 255726

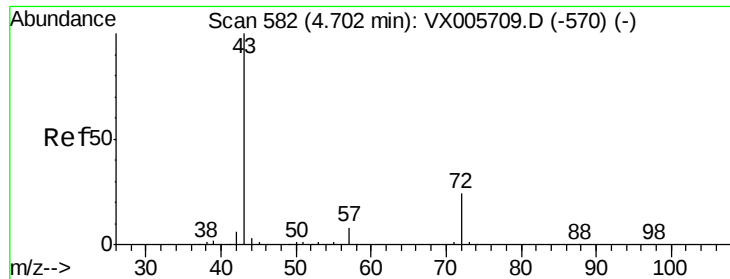
Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 486.058 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 712150

Ion Ratio Lower Upper

43 100

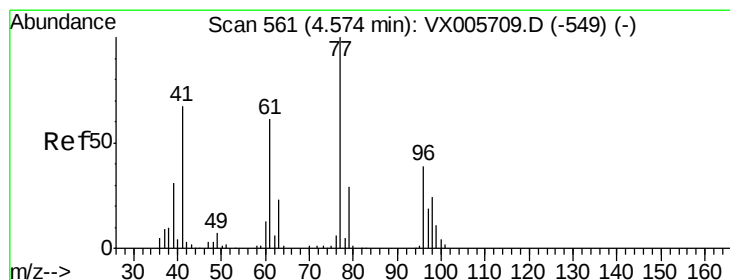
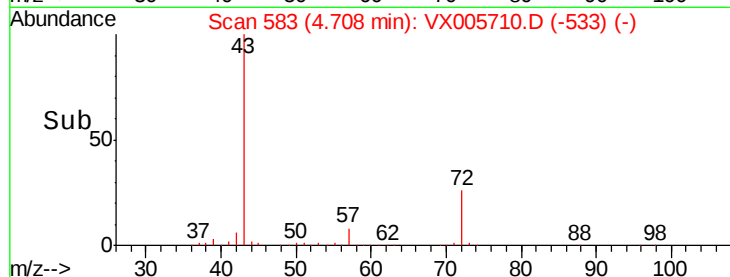
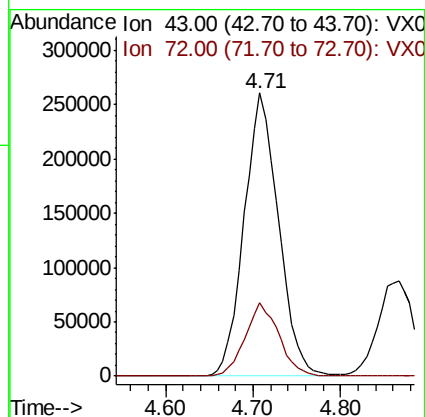
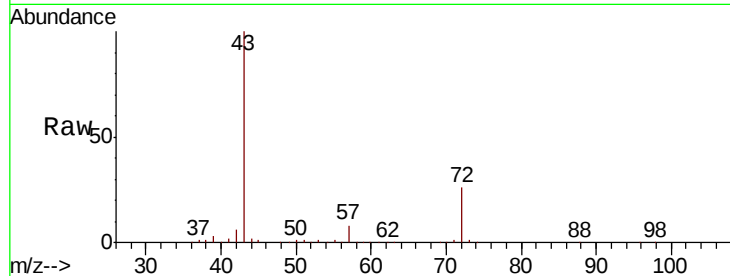
72 26.1 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 92.115 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005710.D

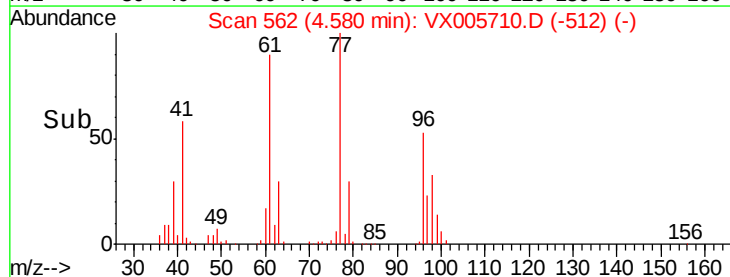
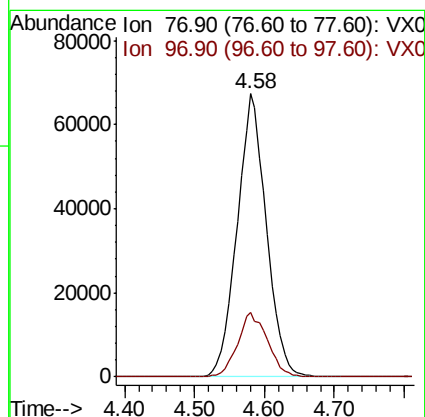
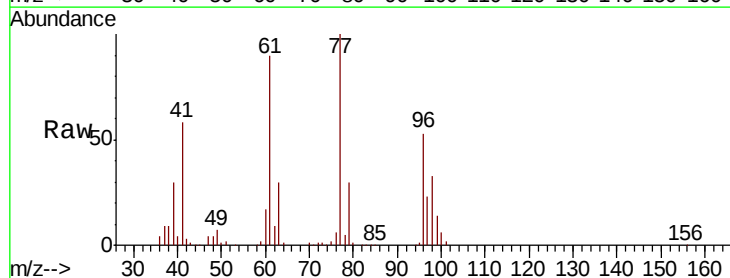
Acq: 31 Oct 2018 15:47

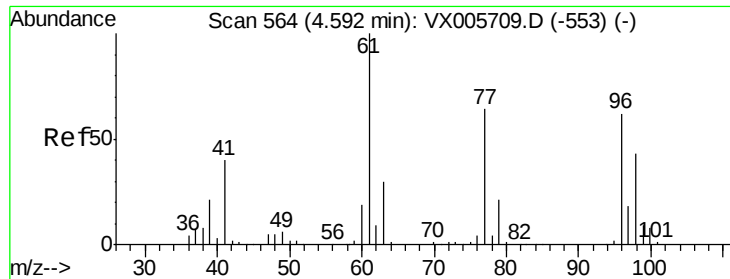
Tgt Ion: 77 Resp: 194912

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.5





#27

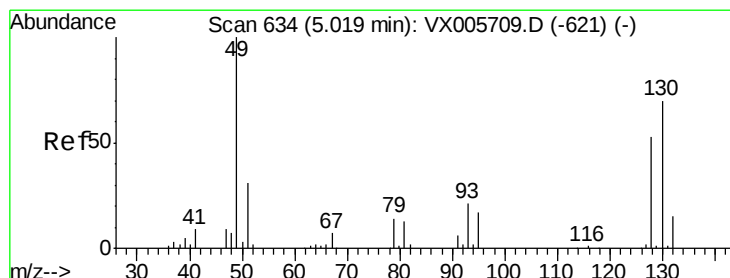
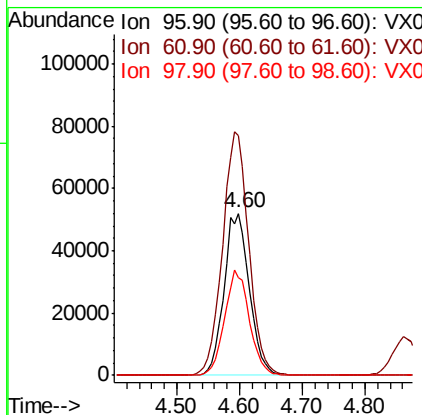
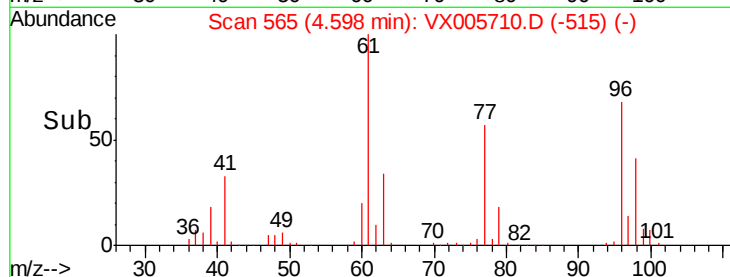
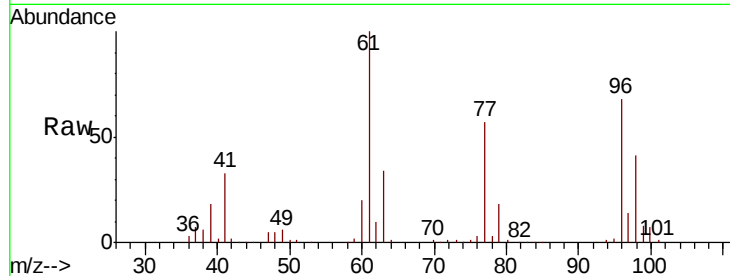
cis-1,2-Dichloroethene
Concen: 94.488 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	145074		
61	155.6	0.0	304.6	
98	63.5	0.0	127.4	

Manual Integrations
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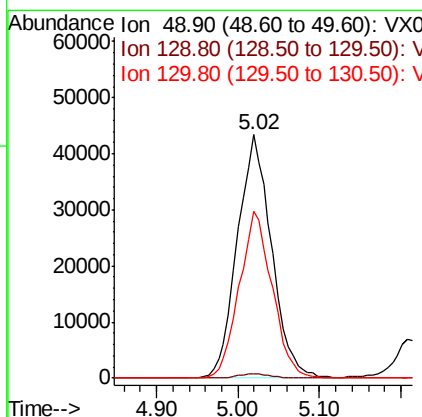
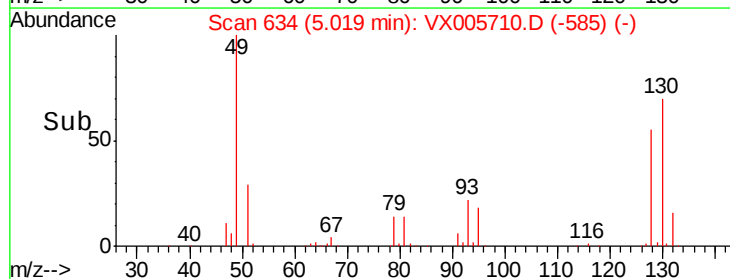
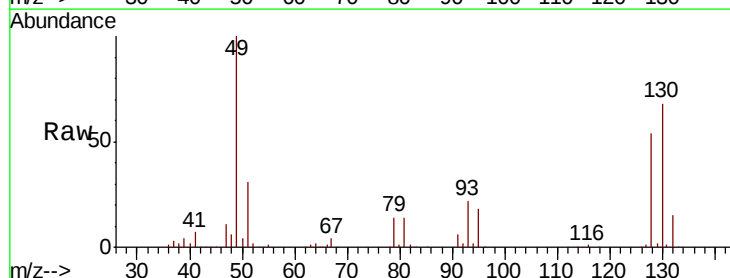
MMDadoda
11/1/2018 9:49:25 AM

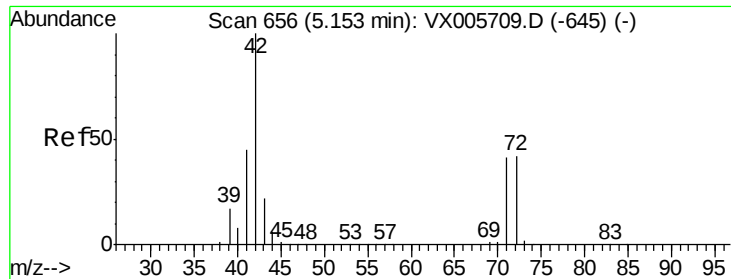


#28

Bromochloromethane
Concen: 91.158 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	126311		
129	1.7	0.0	4.0	
130	66.1	58.9	88.3	





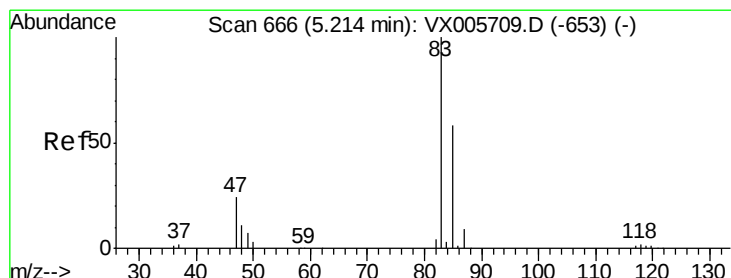
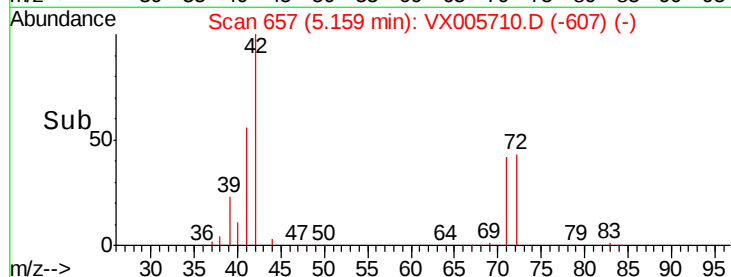
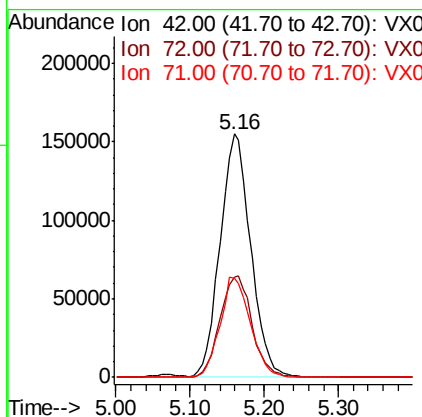
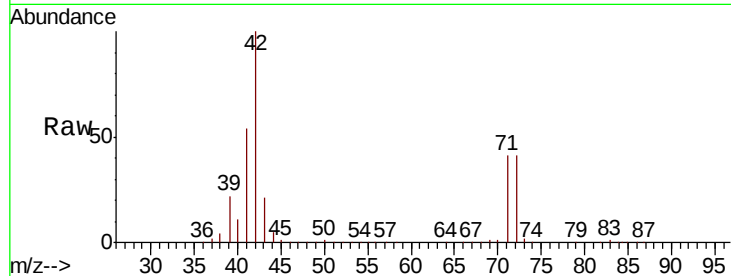
#29
Tetrahydrofuran
Concen: 504.265 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	32.0	48.0
71	41.0	29.8	44.8

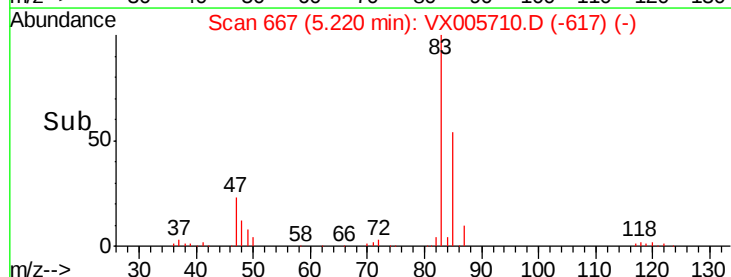
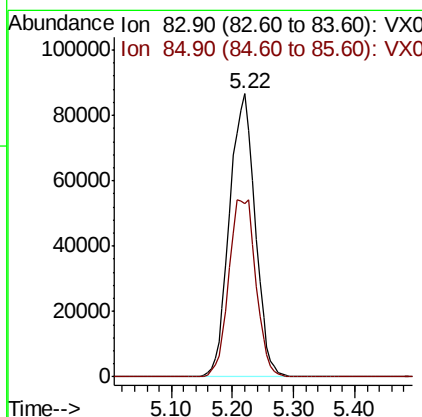
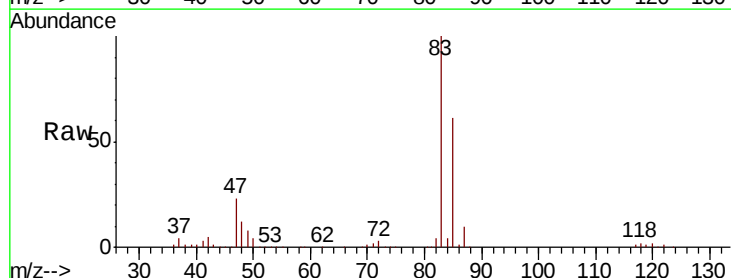
Manual Integrations
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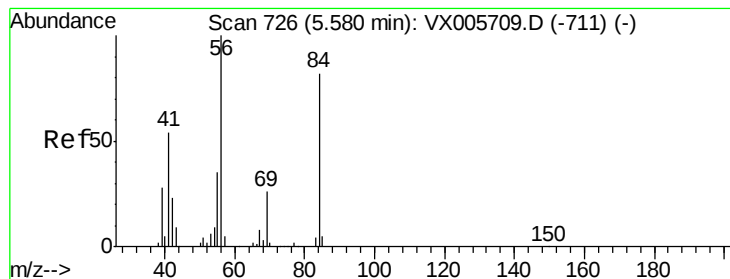
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#30
Chloroform
Concen: 90.315 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.6	76.0





#31

Cyclohexane

Concen: 103.520 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

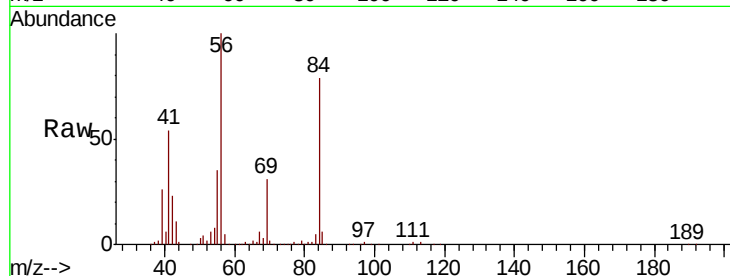
ClientSampleId :

VSTDIC100

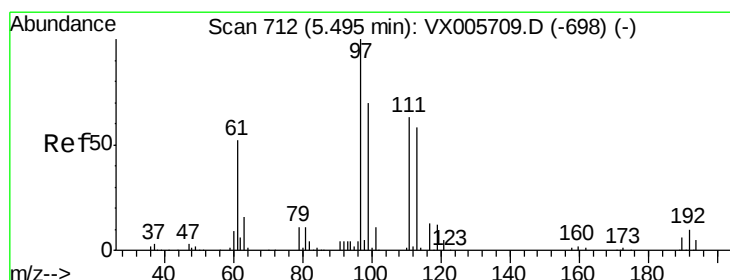
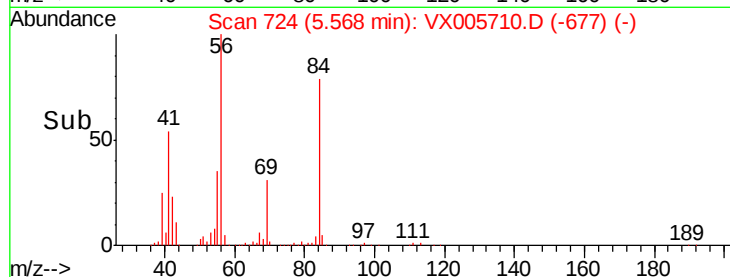
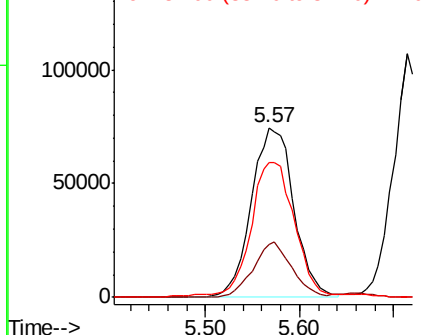
Tot Ion:	56	Resp:	234624
Ion	Ratio	Lower	Upper
56	100		
69	31.3	22.6	34.0
84	78.0	62.7	94.1

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 95.681 ug/l

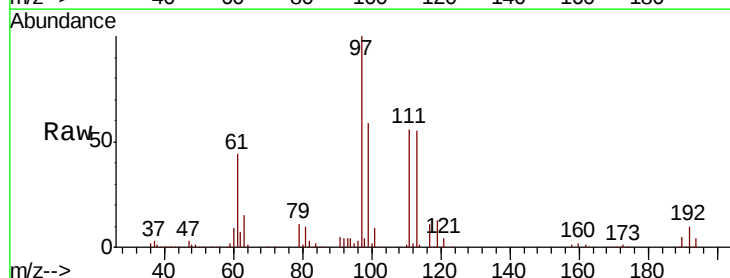
RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

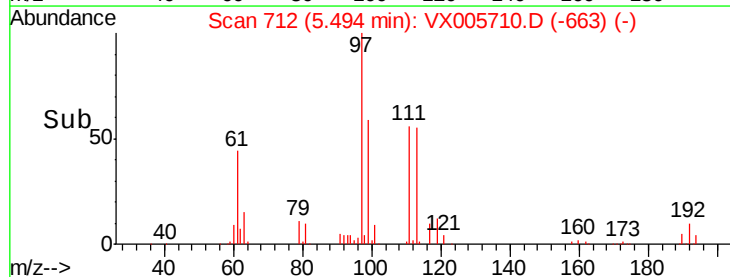
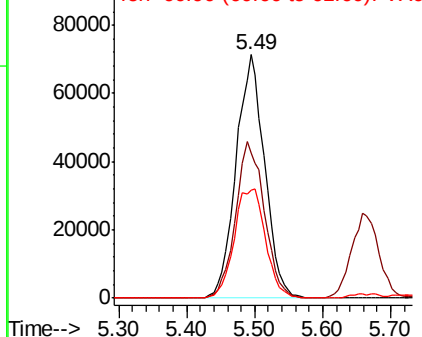
Lab File: VX005710.D

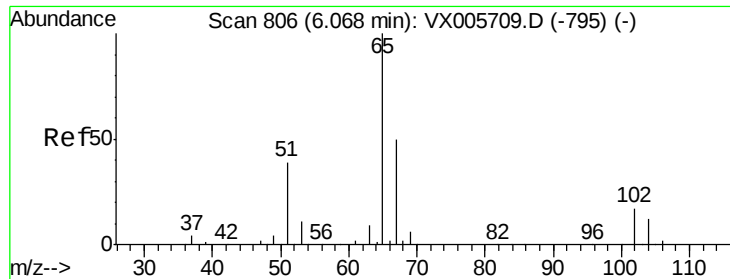
Acq: 31 Oct 2018 15:47

Tgt Ion:	97	Resp:	207944
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.3	78.5
61	49.4	35.2	52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





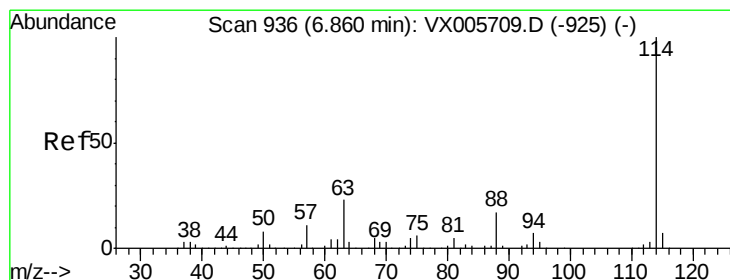
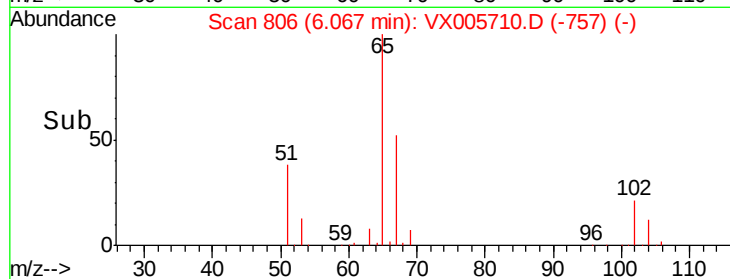
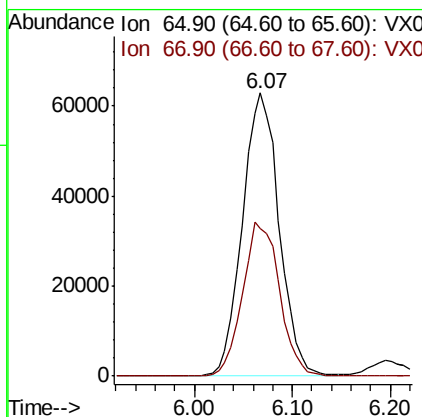
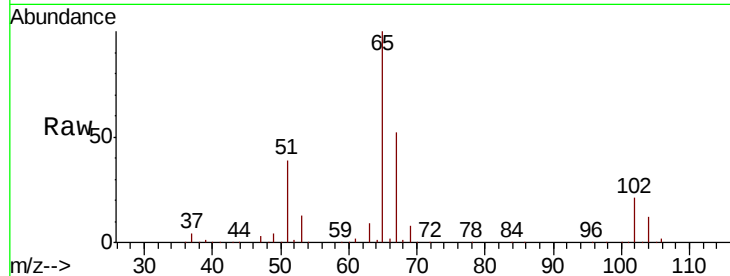
#33
 1,2-Dichloroethane-d4
 Concen: 92.377 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	105.0

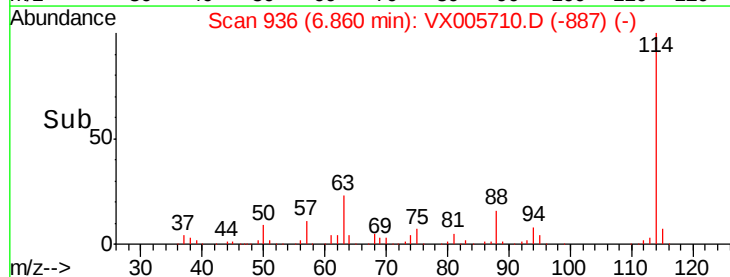
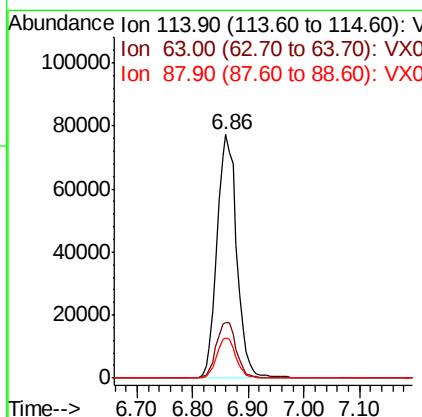
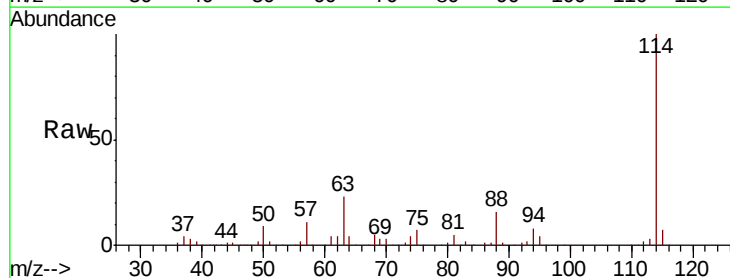
Manual Integrations
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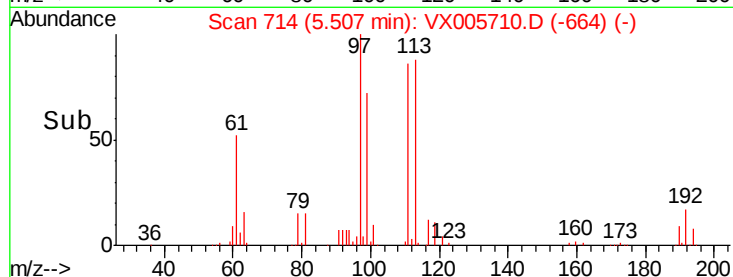
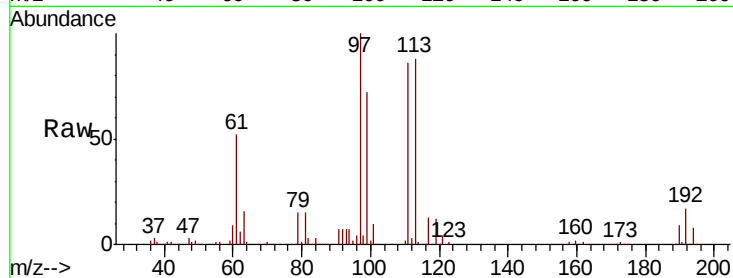
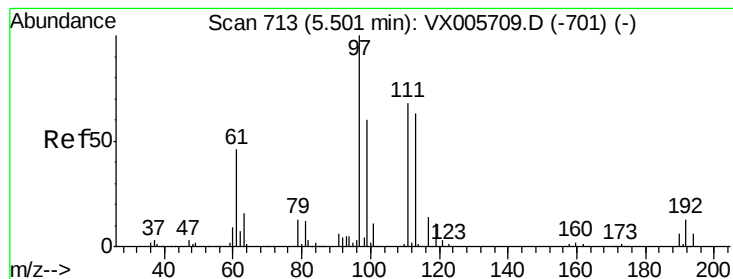
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	42.8
88	16.3	0.0	31.2





#35

Dibromofluoromethane

Concen: 94.756 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005710.D

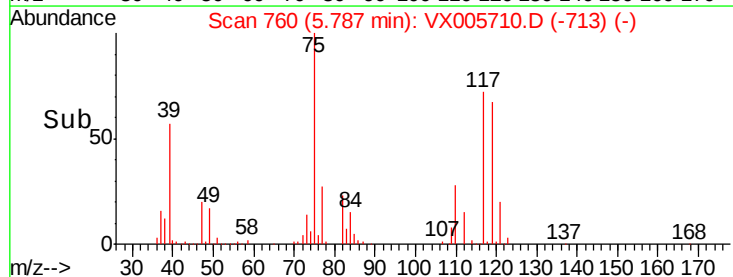
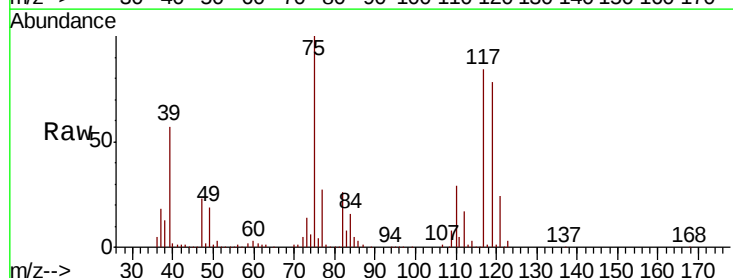
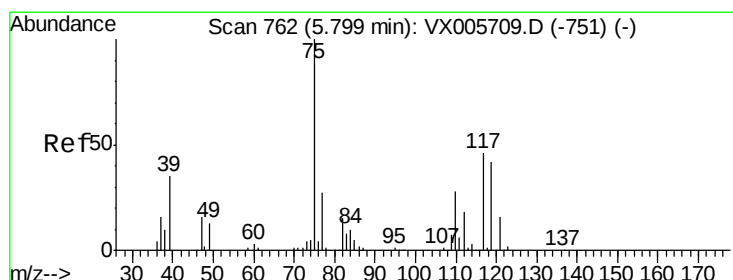
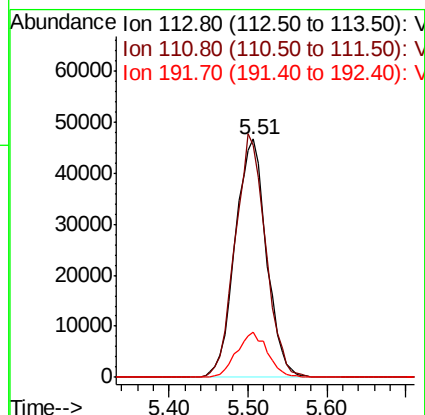
Acq: 31 Oct 2018 15:47

Tot Ion:	113	Resp:	128191
Ion Ratio	Lower	Upper	
113	100		
111	100.3	82.3	123.5
192	18.9	17.9	26.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 93.962 ug/l

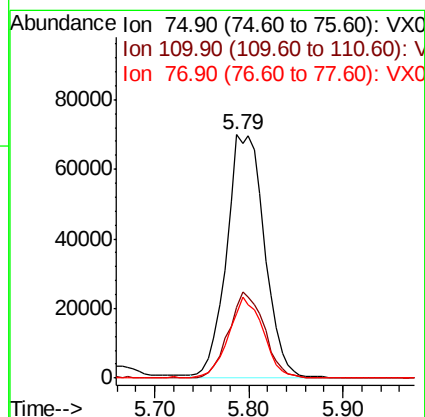
RT: 5.79 min Scan# 760

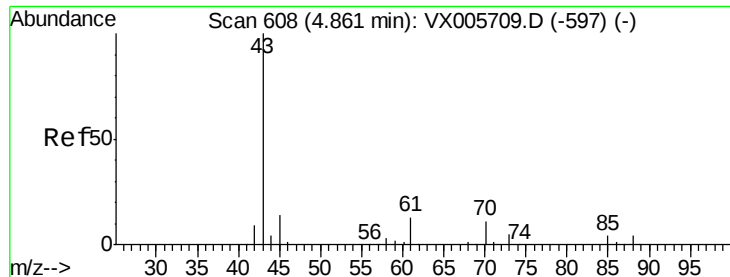
Delta R.T. -0.01 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Tgt Ion:	75	Resp:	194835
Ion Ratio	Lower	Upper	
75	100		
110	33.5	17.4	52.2
77	30.7	25.8	38.6





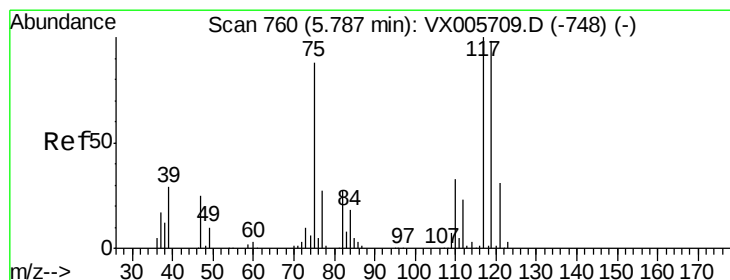
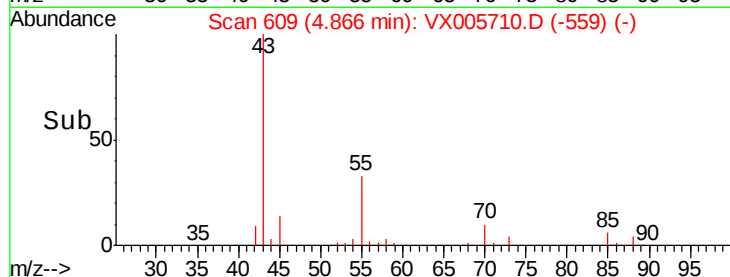
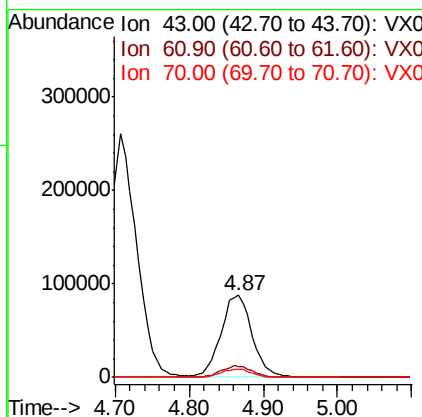
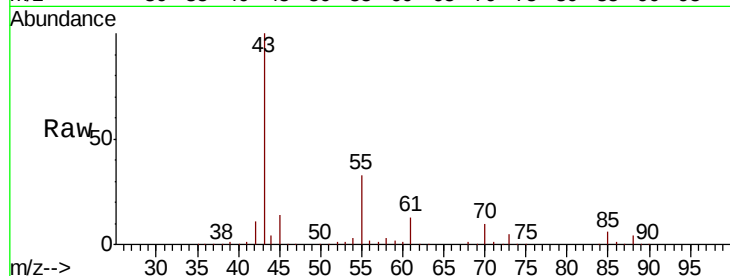
#37
Ethyl Acetate
Concen: 97.805 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.0	7.8	11.8

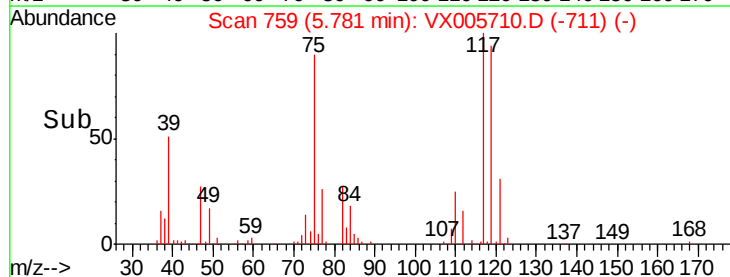
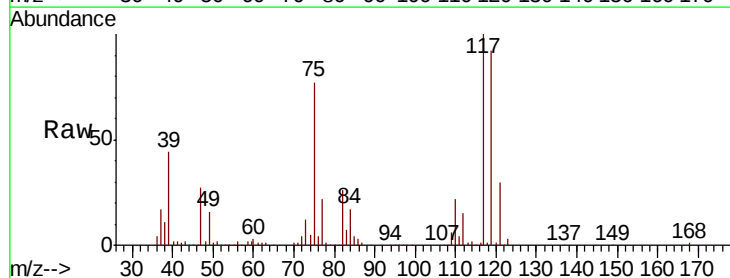
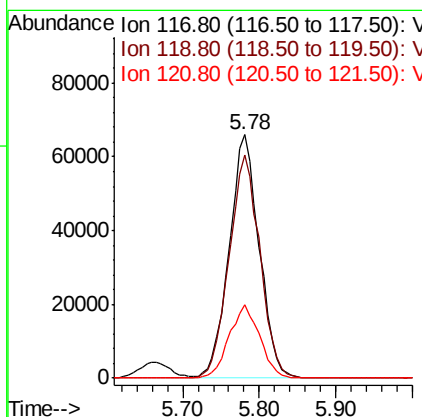
Manual Integrations
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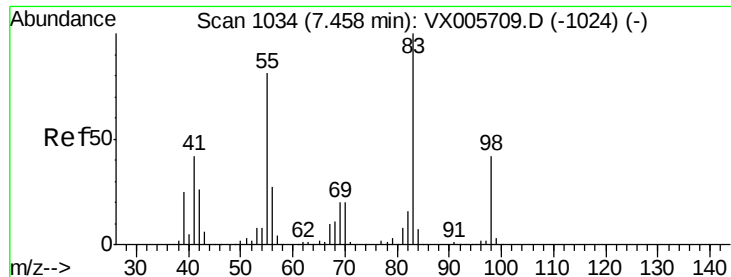
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#38
Carbon Tetrachloride
Concen: 96.569 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	78.1	117.1
121	30.2	24.6	36.8





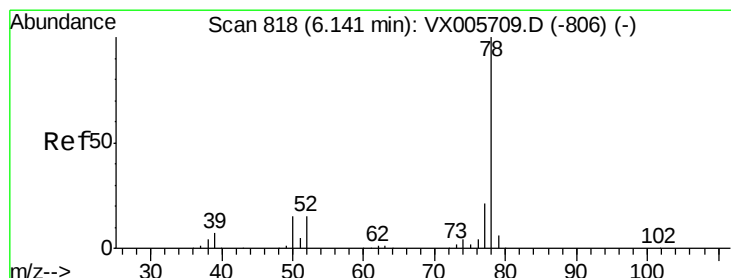
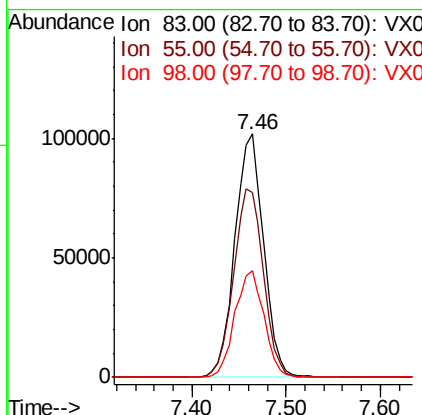
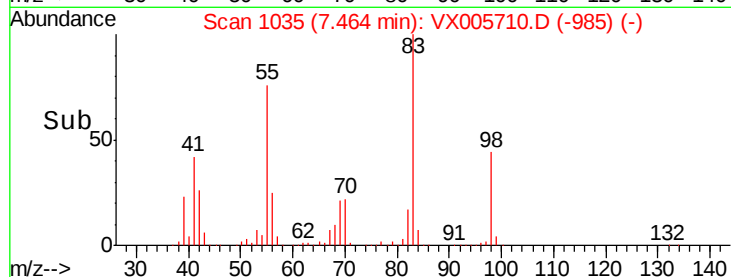
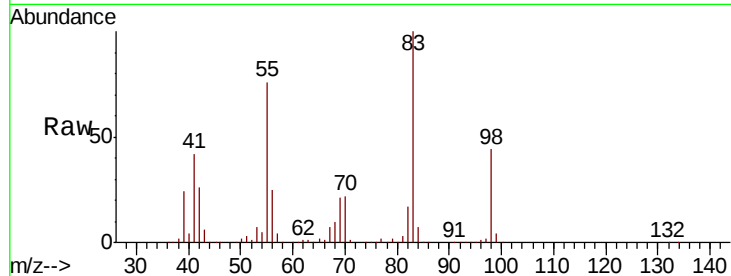
#39
Methvlcvclohexane
Concen: 103.494 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	216351		
55	75.6	63.7	95.5	
98	43.9	36.2	54.2	

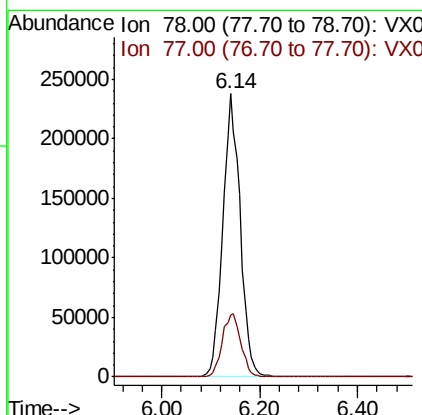
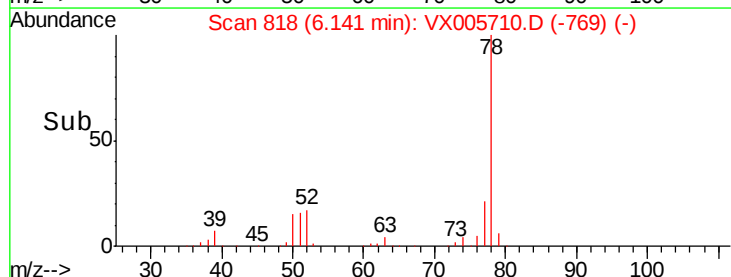
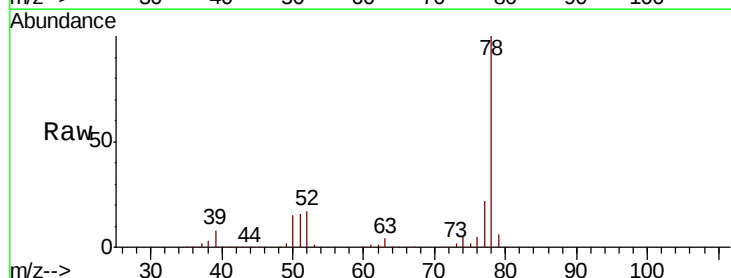
Manual Integrations
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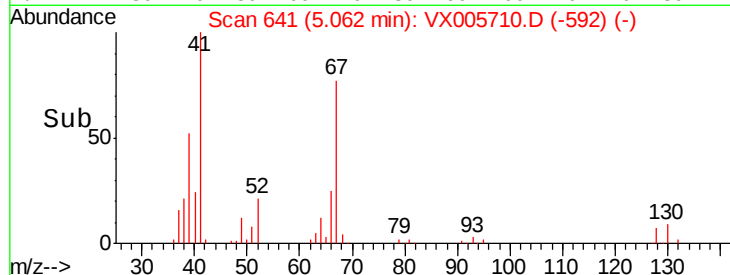
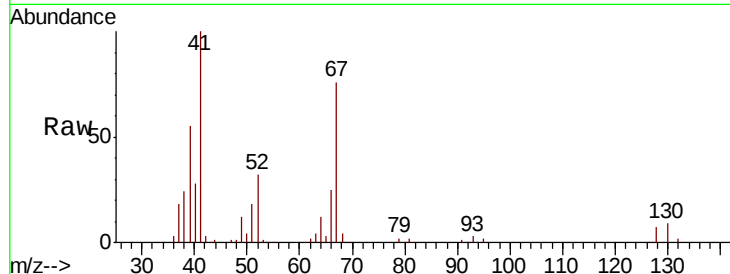
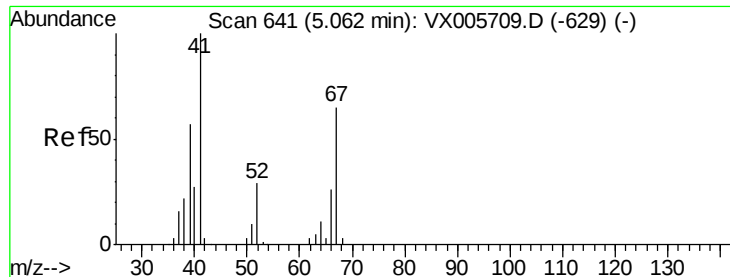
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11/1/2018 9:49:25 AM



#40
Benzene
Concen: 95.715 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

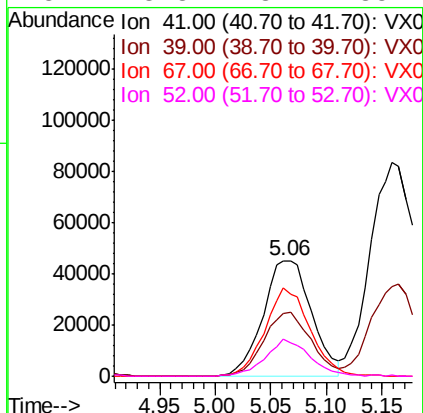
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	588305		
77	21.7	18.4	27.6	





#41
Methacrylonitrile
Concen: 97.169 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

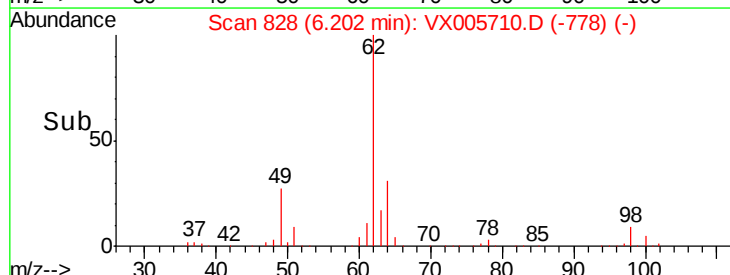
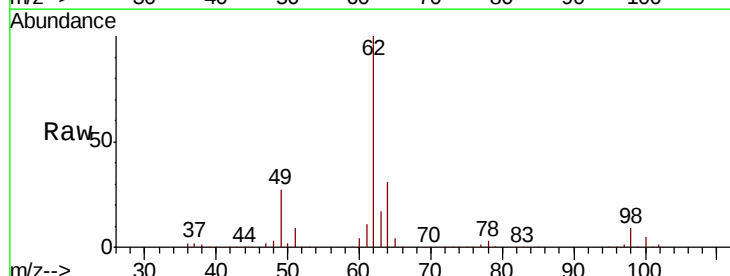
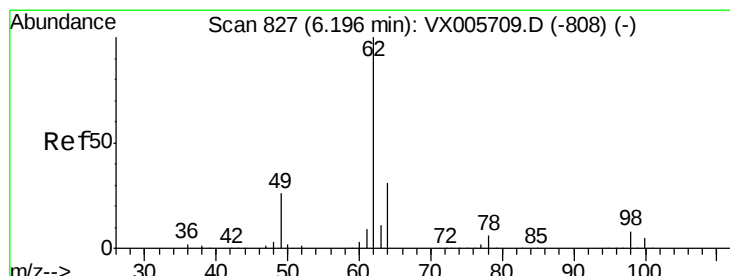
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.6	42.2	63.2		
67	71.4	53.4	80.0		
52	28.8	23.4	35.2		



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

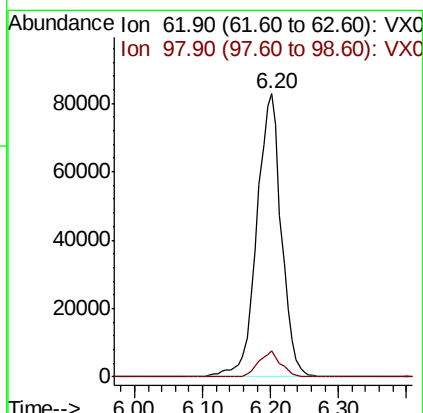
Manual Integrations
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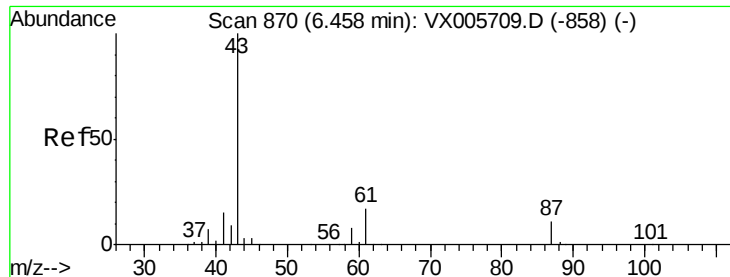
MMDadoda
11/1/2018 9:49:25 AM



#42
1,2-Dichloroethane
Concen: 90.932 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.2	0.0	17.8		





#43

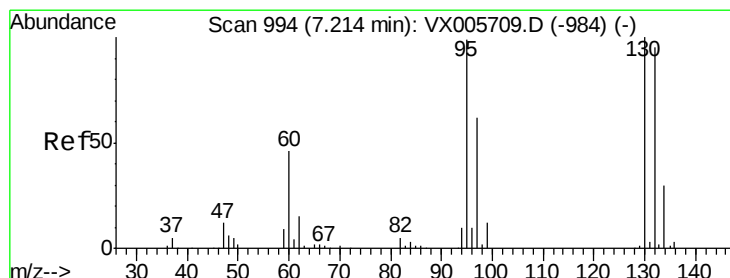
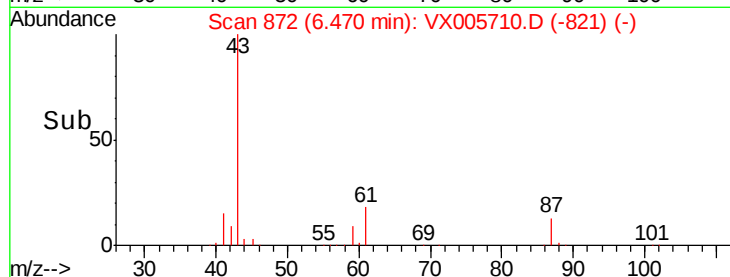
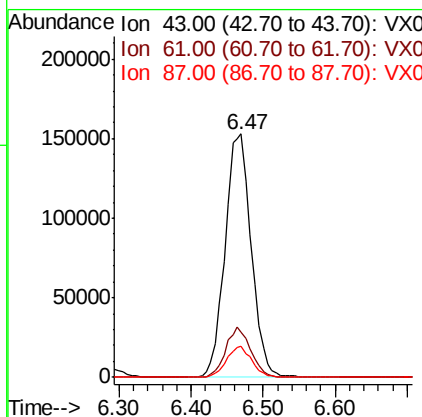
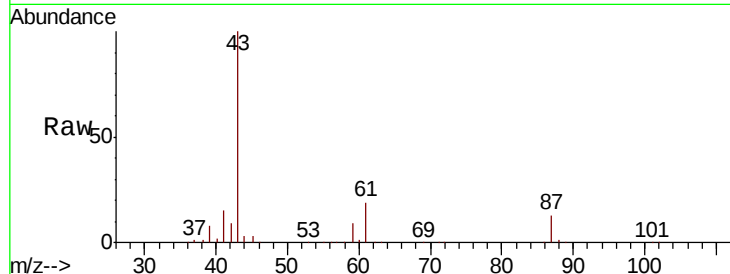
Isopropyl Acetate
 Concen: 104.784 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	43	Resp:	385262
Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.6	22.0
87	12.3	9.6	14.4

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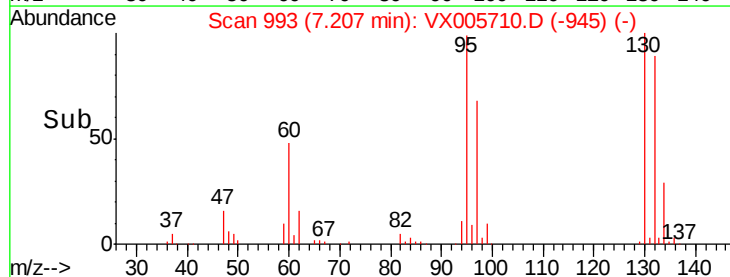
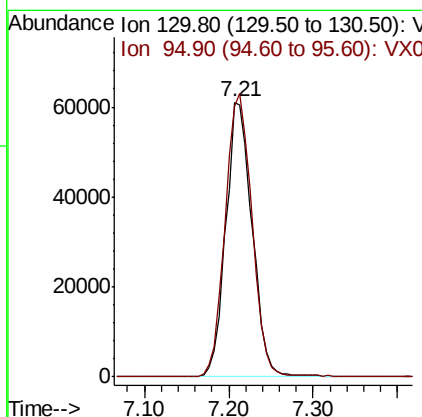
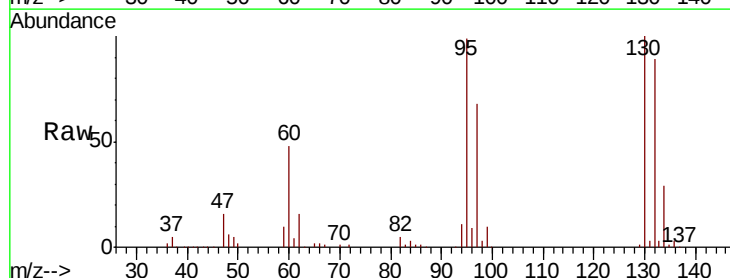
MMDadoda
 11/1/2018 9:49:25 AM

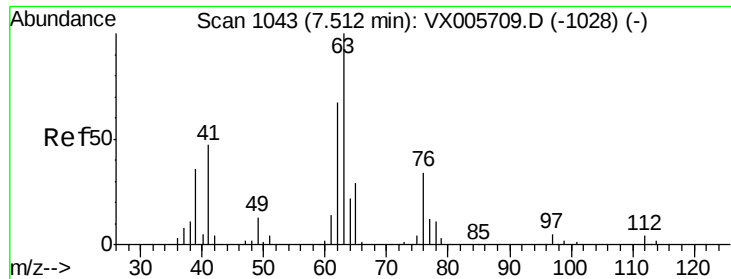


#44

Trichloroethene
 Concen: 90.213 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion:	130	Resp:	130076
Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	194.2





#45

1,2-Dichloropropane

Concen: 93.433 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 147856

Ion Ratio Lower Upper

63 100

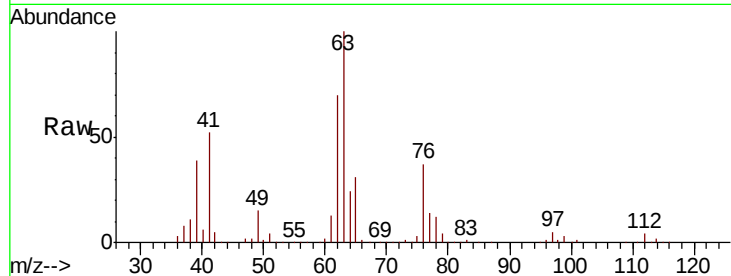
65 30.9 24.8 37.2

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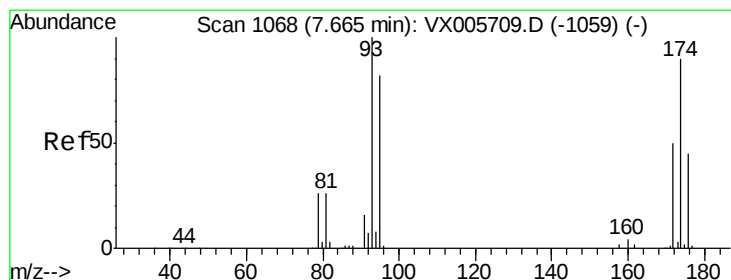
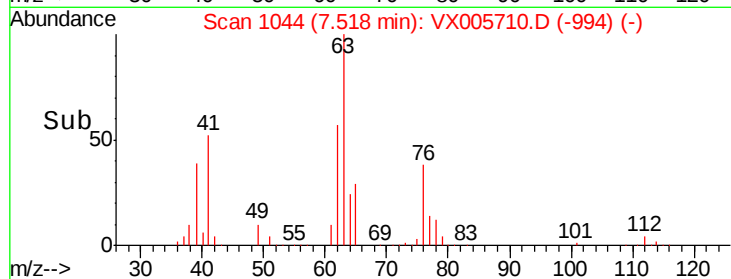
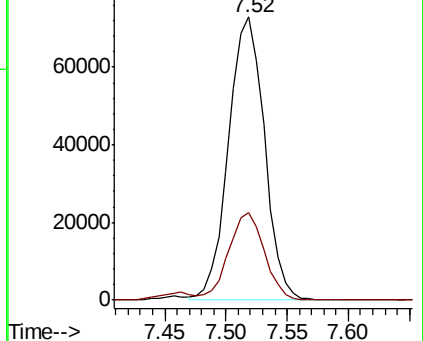
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 89.940 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

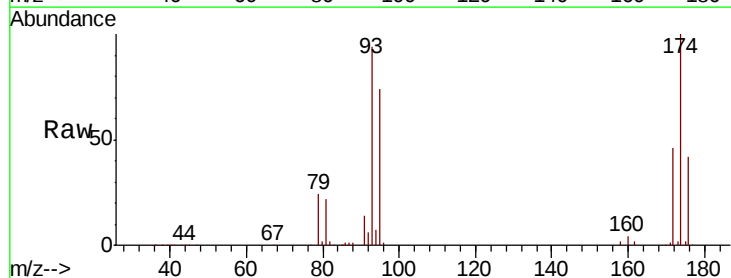
Tgt Ion: 93 Resp: 91634

Ion Ratio Lower Upper

93 100

95 82.0 67.4 101.0

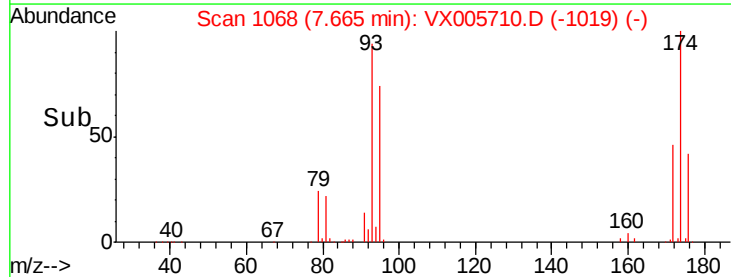
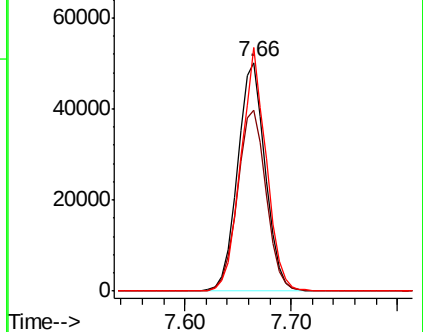
174 97.7 91.5 137.3

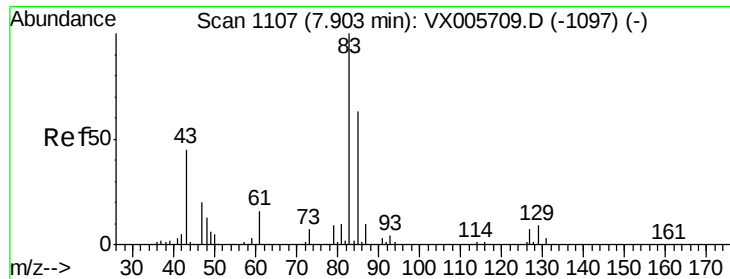


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





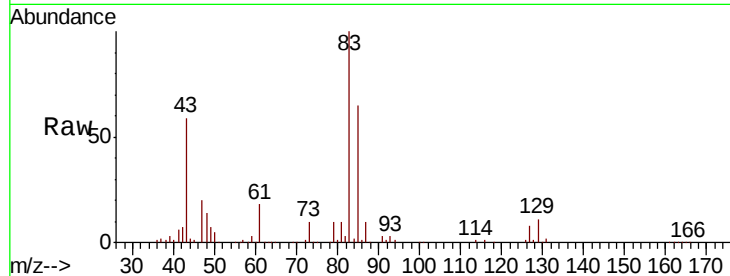
#47
Bromodichloromethane
Concen: 95.922 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

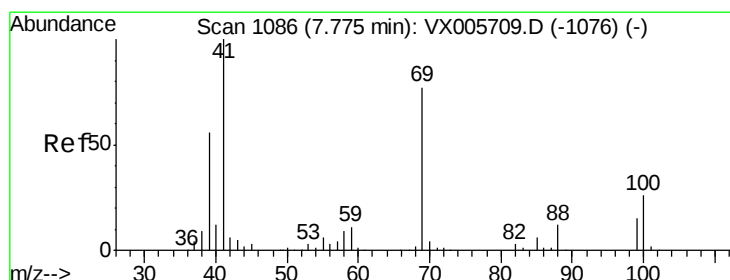
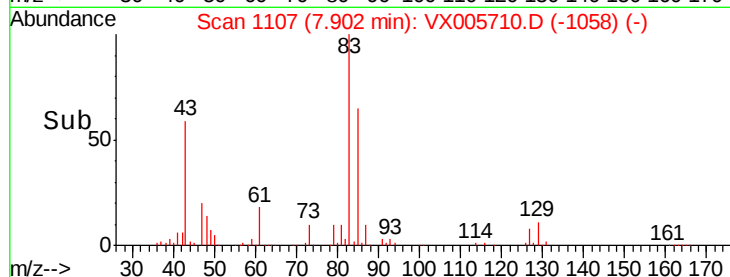
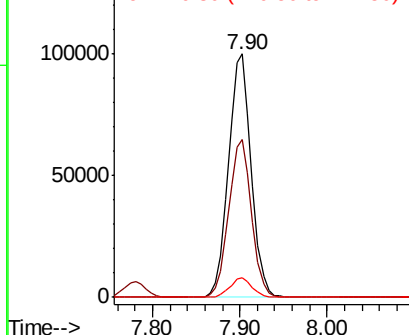
Tot Ion	Ratio	Resp	Lower	Upper
83	100	179526		
85	64.8	50.2	75.4	
127	8.2	6.9	10.3	

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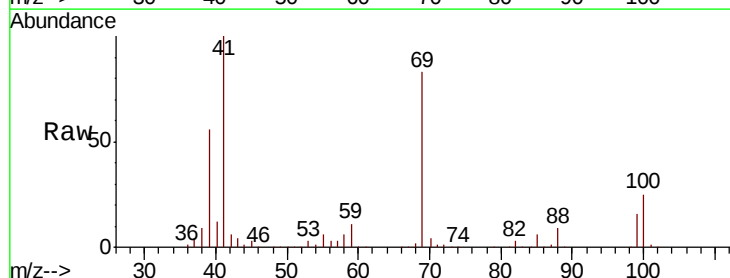


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

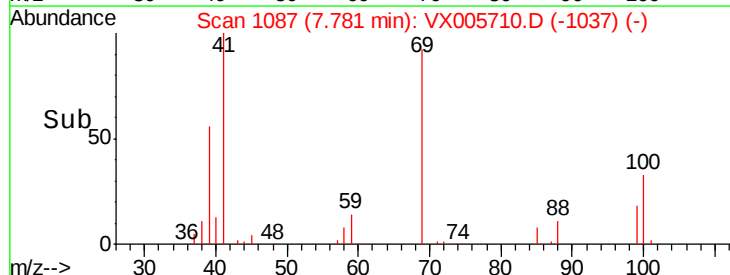
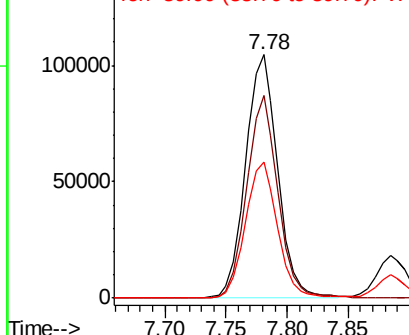


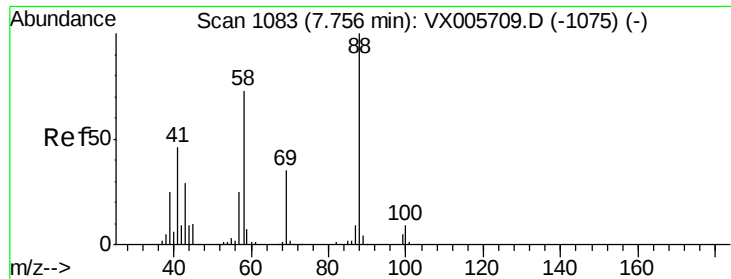
#48
Methyl methacrylate
Concen: 108.615 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	190937		
69	81.2	63.2	94.8	
39	55.7	42.2	63.2	



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





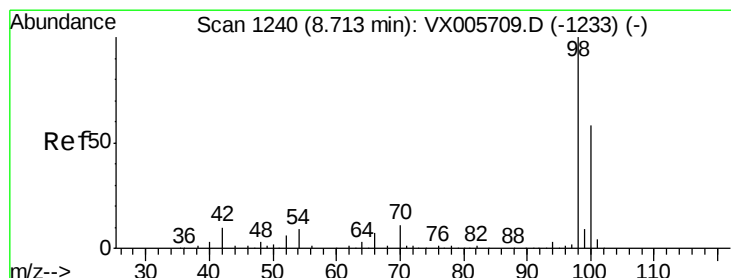
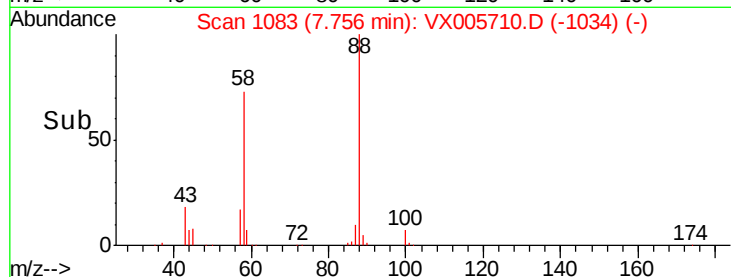
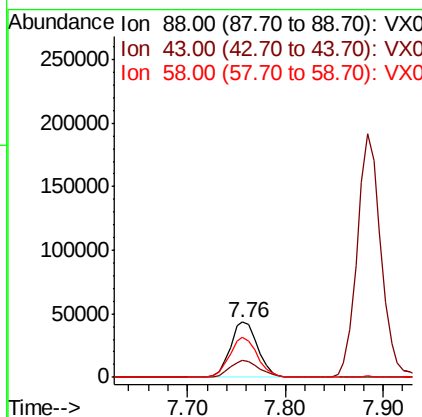
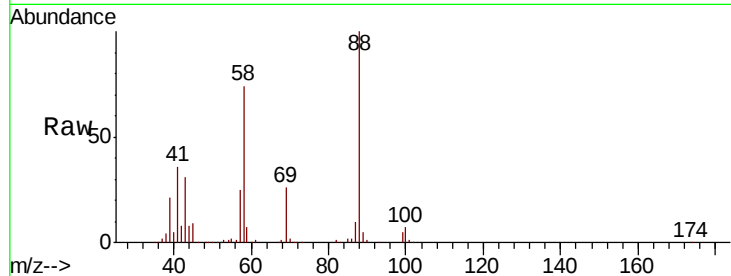
#49
1,4-Dioxane
Concen: 2154.512 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	27.4	41.0
58	73.3	59.4	89.2

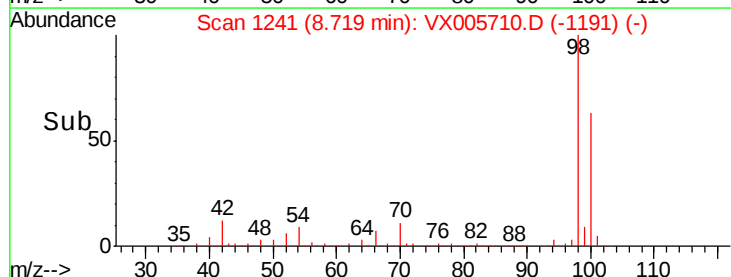
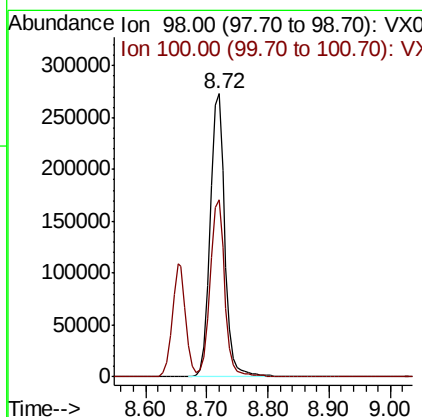
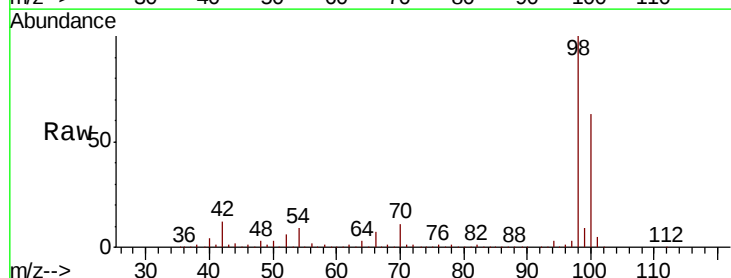
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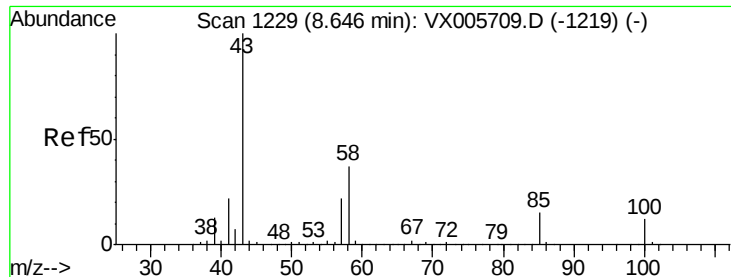
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#50
Toluene-d8
Concen: 98.967 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 550.680 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1345303

Ion Ratio Lower Upper

43 100

58 38.5

29.7

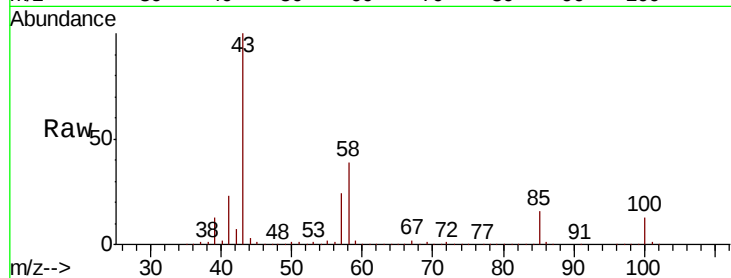
44.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

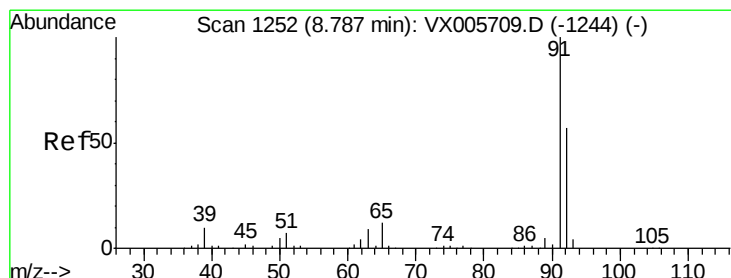
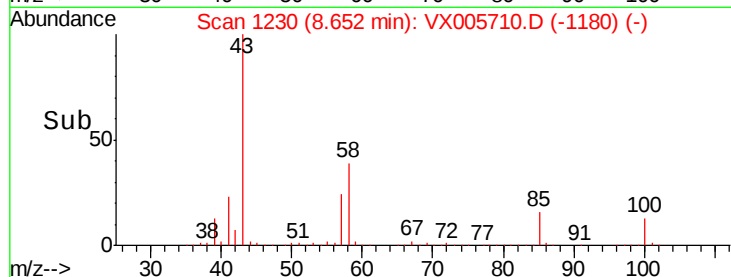
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 98.459 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Tgt Ion: 92 Resp: 323008

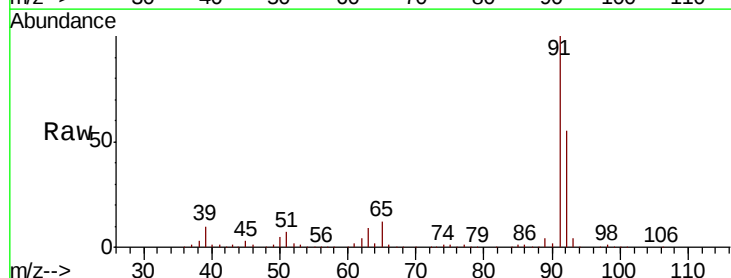
Ion Ratio Lower Upper

92 100

91 179.1

140.4

210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

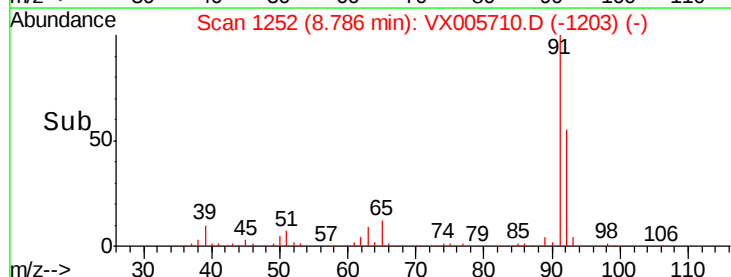
300000

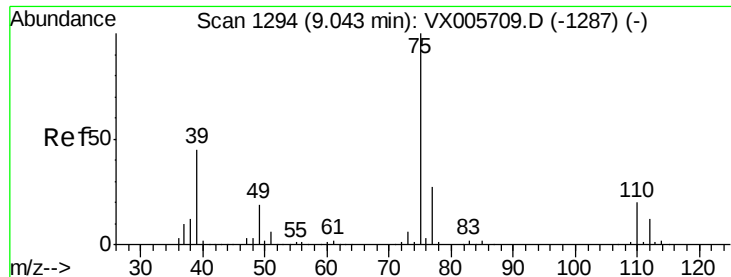
200000

100000

0

Time-->





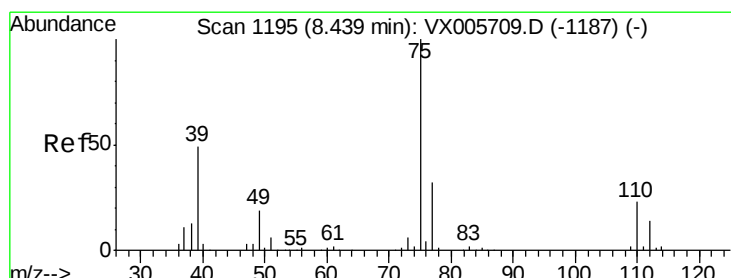
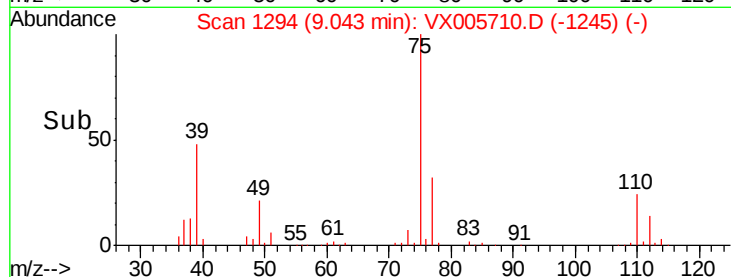
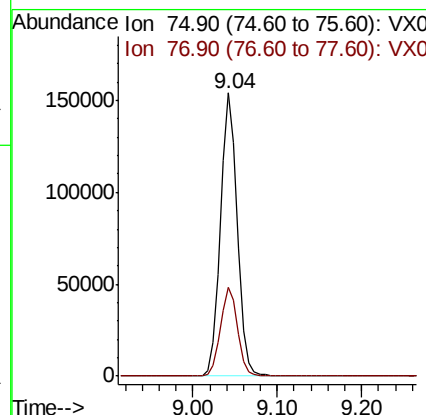
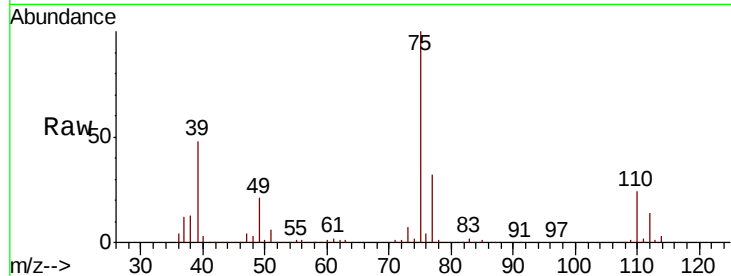
#53
t-1,3-Dichloropropene
Concen: 110.593 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 75 Resp: 213386
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

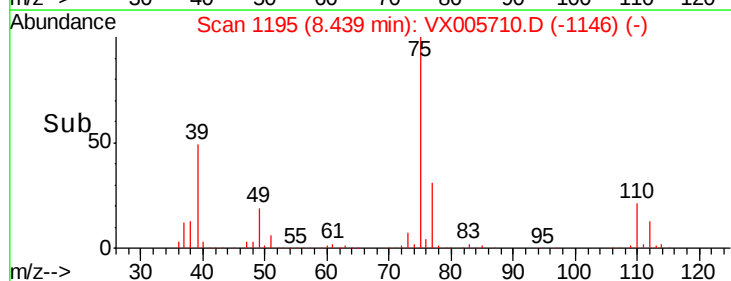
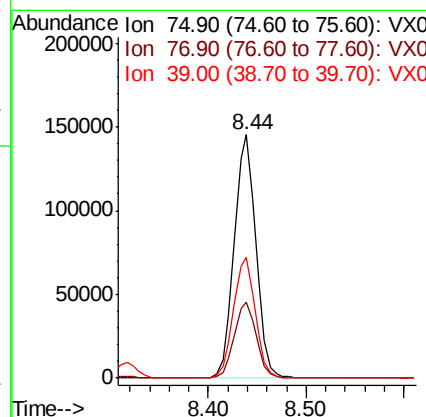
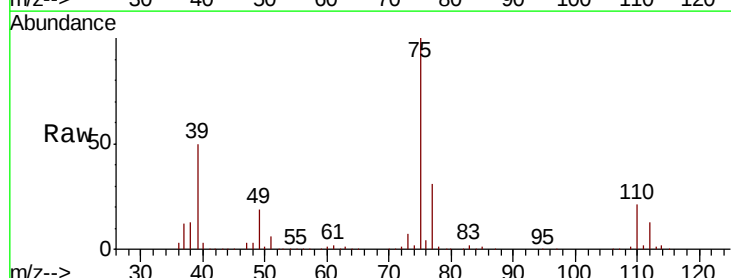
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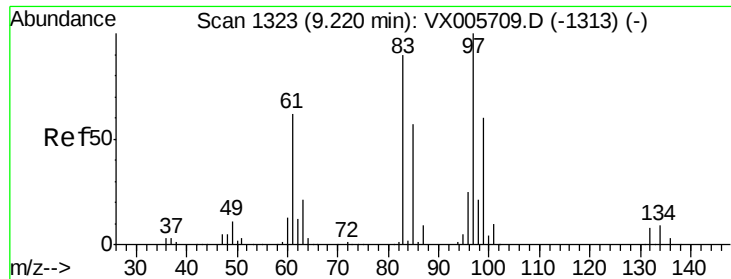
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#54
cis-1,3-Dichloropropene
Concen: 106.812 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion: 75 Resp: 224215
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 49.5 38.2 57.2





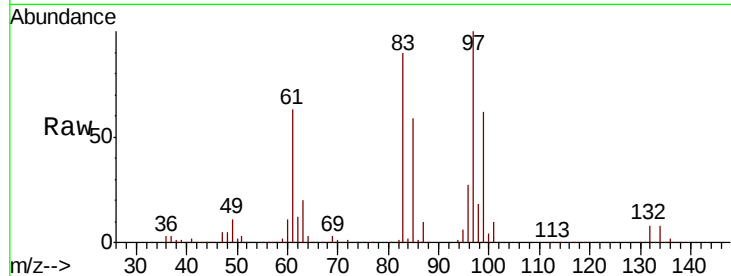
#55
 1,1,2-Trichloroethane
 Concen: 94.851 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

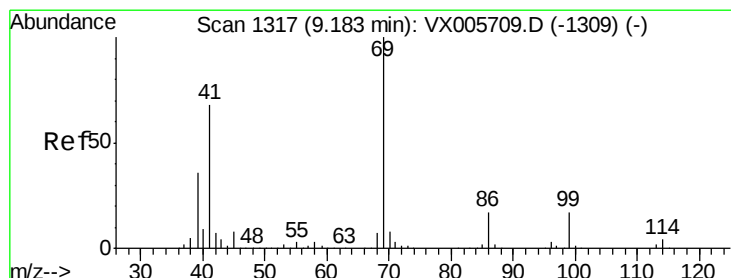
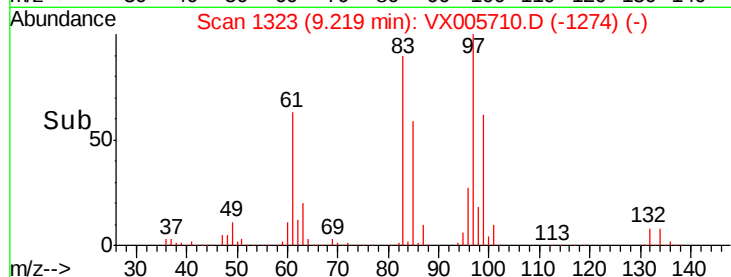
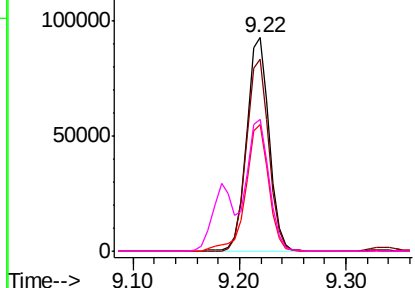
Tot Ion:	97	Resp:	136758
Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.7	106.1
85	59.2	45.8	68.6
99	61.6	51.8	77.8

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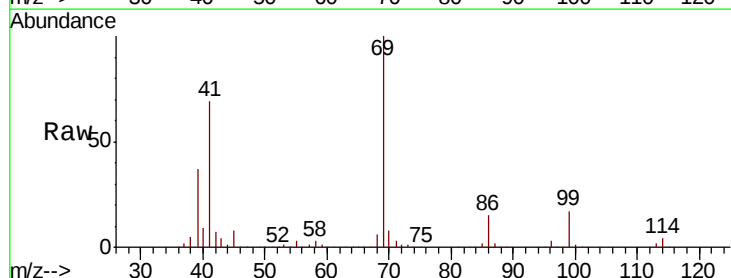


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

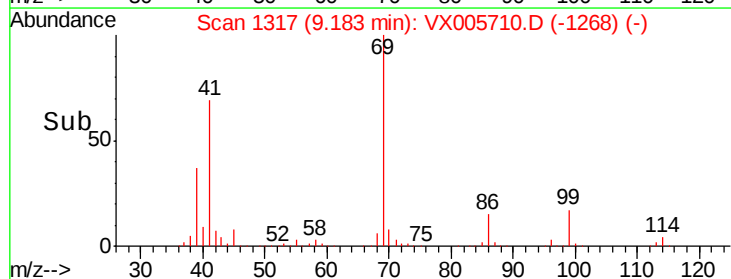
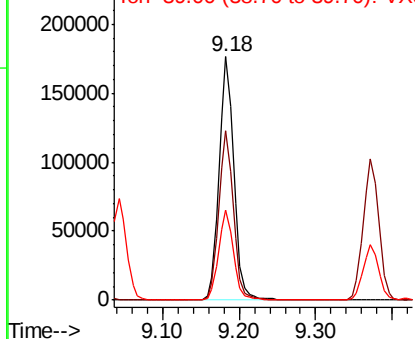


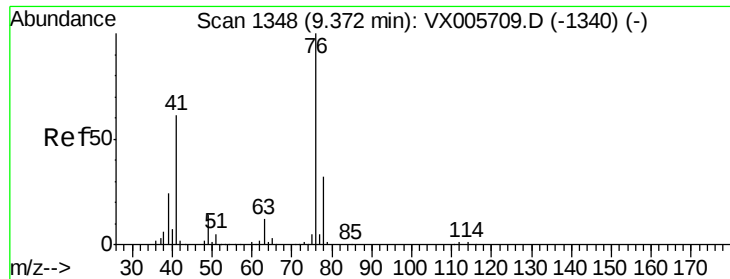
#56
 Ethyl methacrylate
 Concen: 118.169 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion:	69	Resp:	236377
Ion	Ratio	Lower	Upper
69	100		
41	69.0	57.0	85.6
39	37.0	28.3	42.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 96.400 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 237492

Ion Ratio Lower Upper

76 100

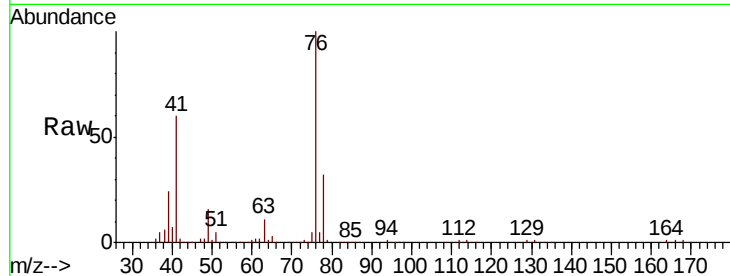
78 32.0 25.3 37.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

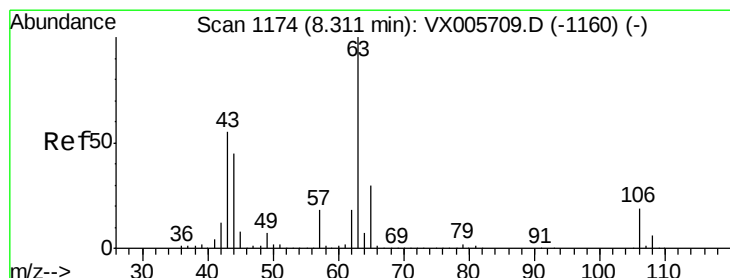
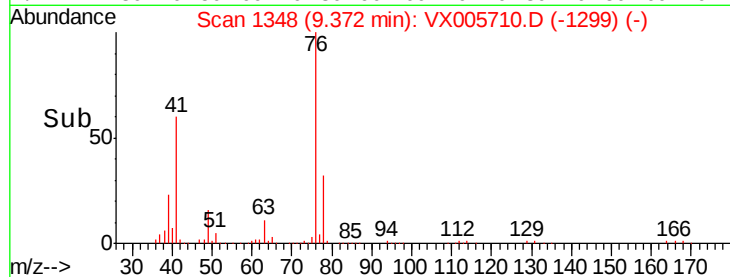
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 589.523 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005710.D

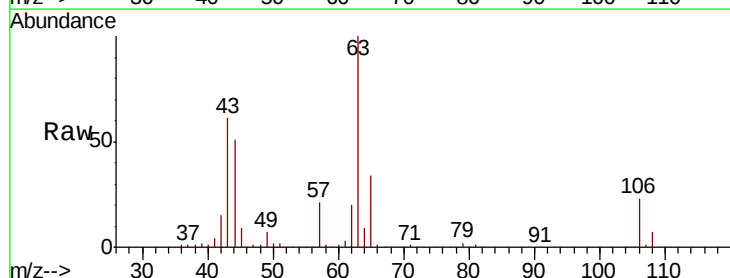
Acq: 31 Oct 2018 15:47

Tgt Ion: 63 Resp: 666988

Ion Ratio Lower Upper

63 100

106 23.5 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500000

400000

300000

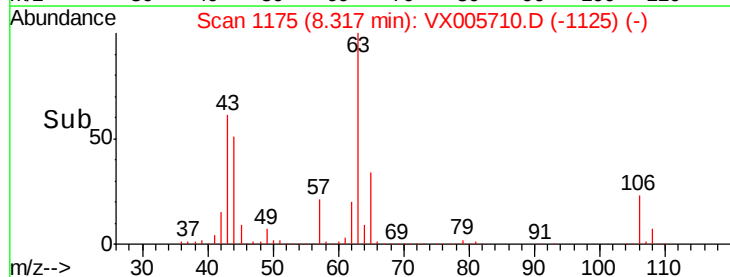
200000

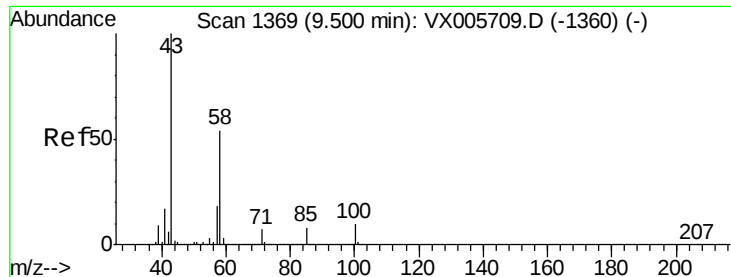
100000

0

8.20 8.30 8.40

Time-->





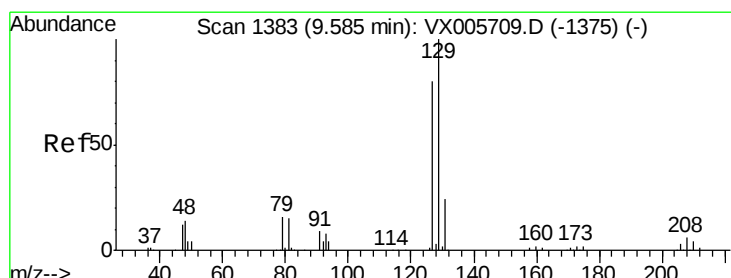
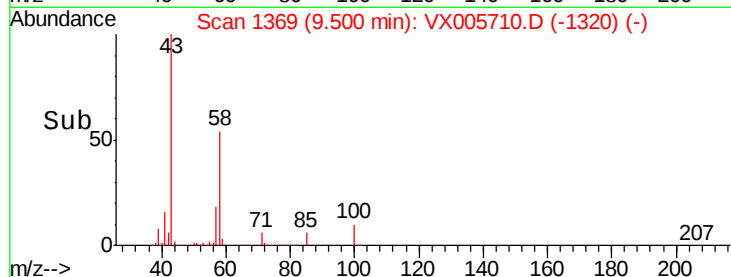
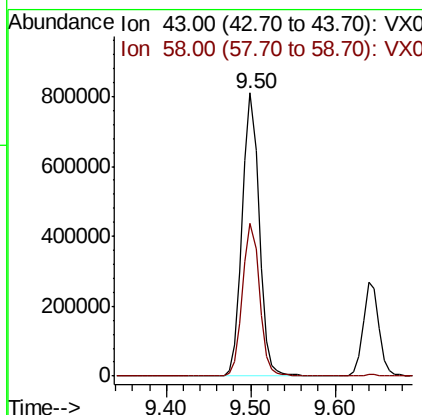
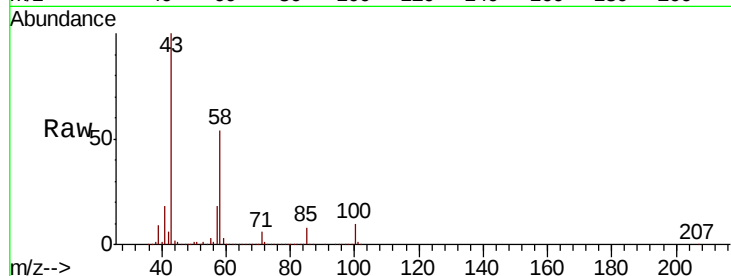
#59
2-Hexanone
Concen: 542.342 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1085203
Ion Ratio Lower Upper
43 100
58 54.4 25.9 77.8

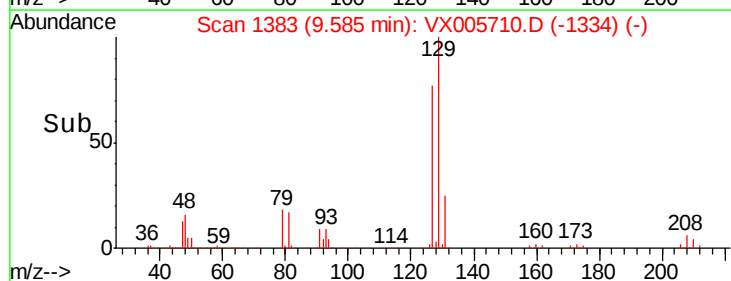
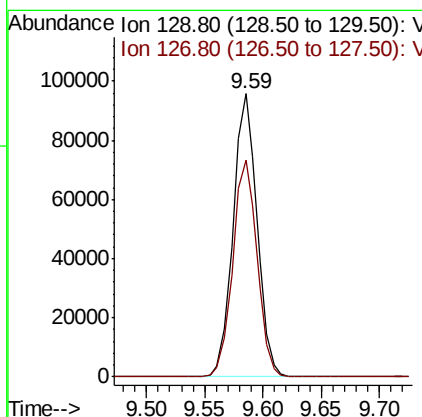
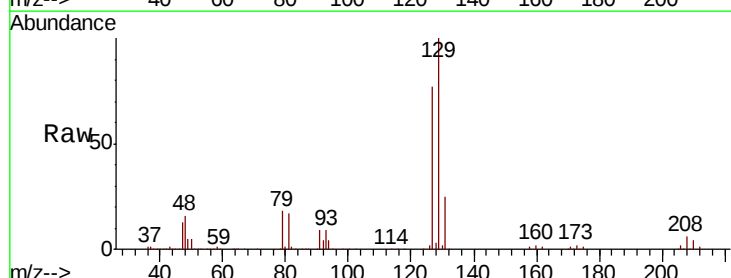
Manual Integrations
APPROVED

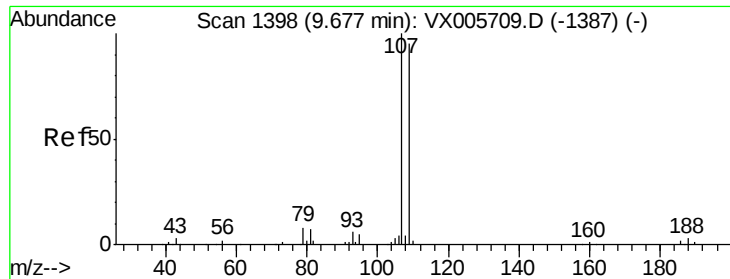
MMDadoda
11/1/2018 9:49:25 AM



#60
Dibromochloromethane
Concen: 101.412 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion: 129 Resp: 137318
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7





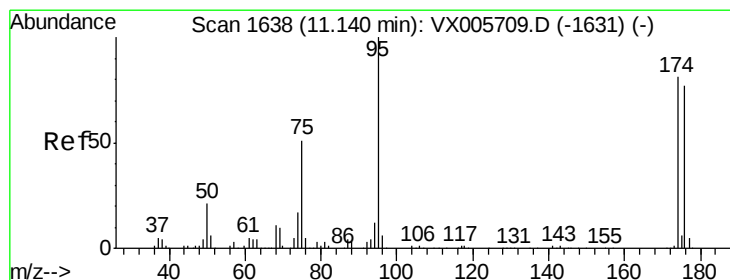
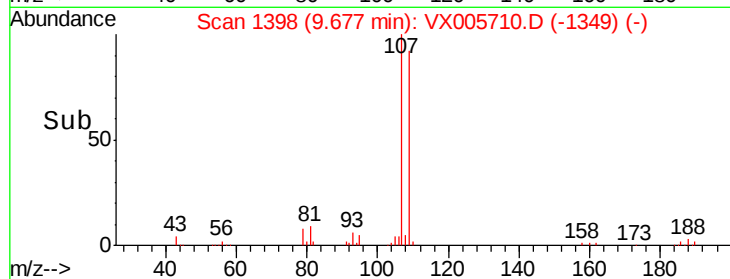
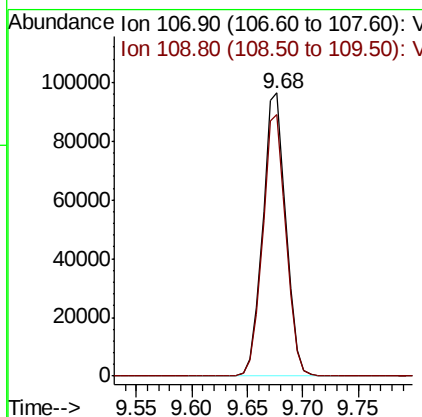
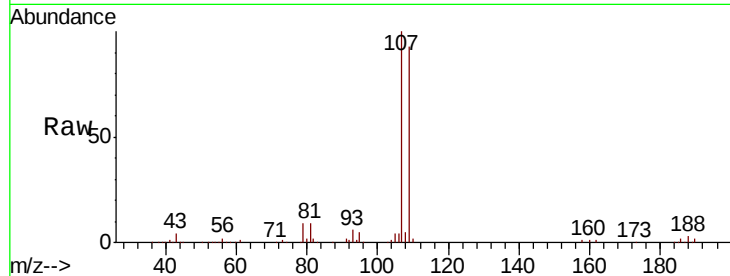
#61
 1,2-Dibromoethane
 Concen: 96.315 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	140577		
109	93.0	75.7	113.5	

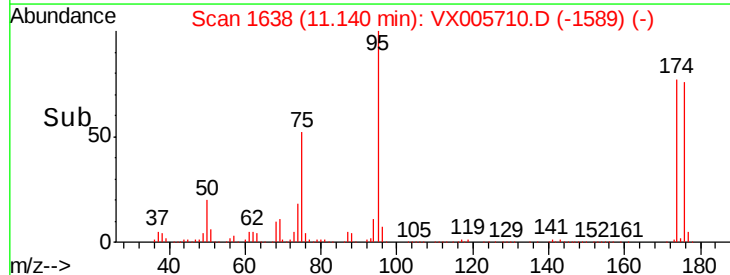
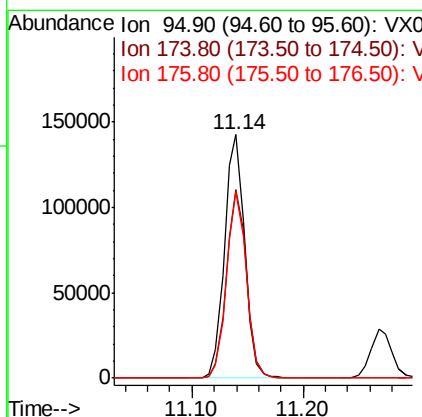
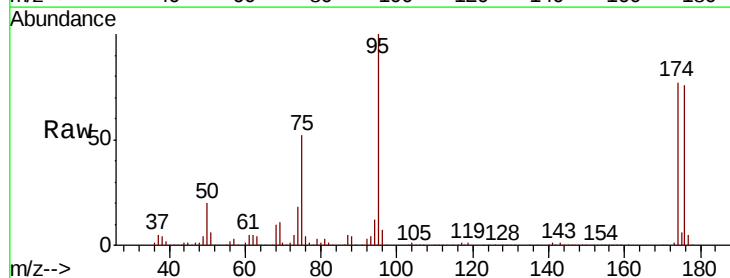
Manual Integrations
 APPROVED

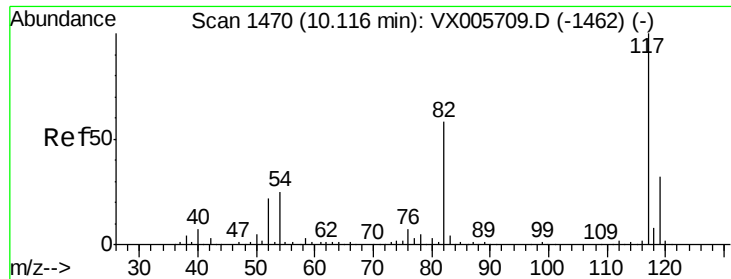
MMDadoda
 11/1/2018 9:49:25 AM



#62
 4-Bromofluorobenzene
 Concen: 109.618 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	178039		
174	77.1	0.0	184.4	
176	75.3	0.0	177.4	





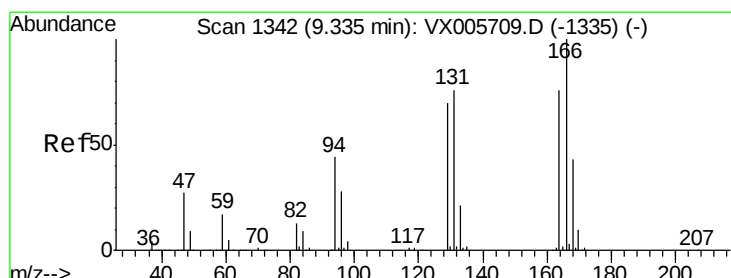
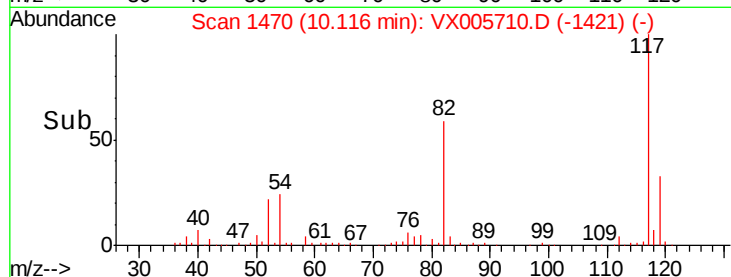
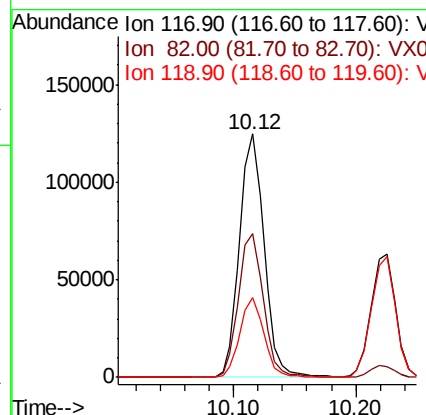
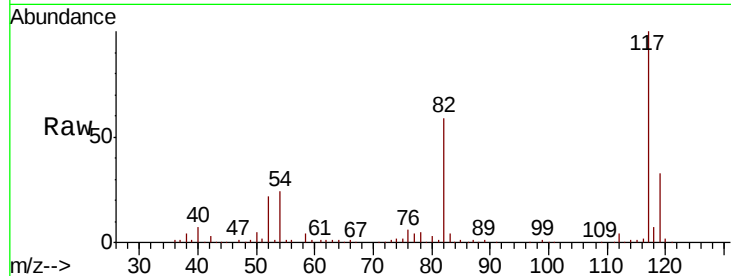
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	44.1	66.1
119	32.7	26.2	39.2

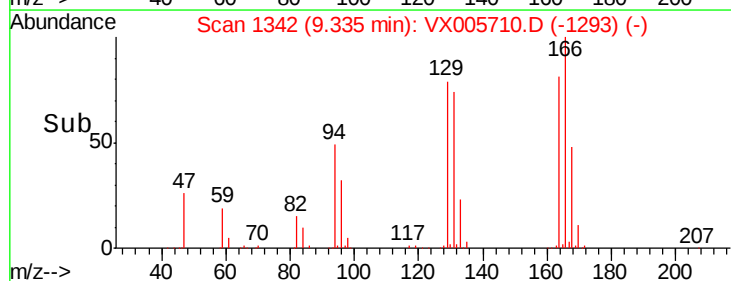
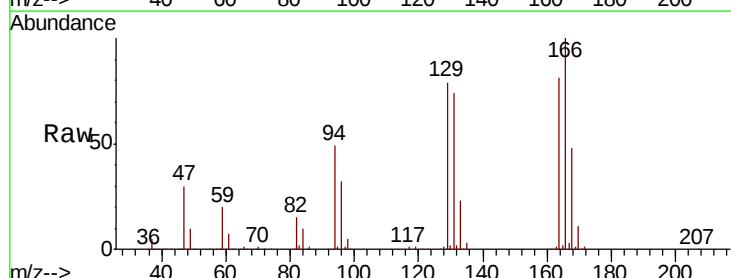
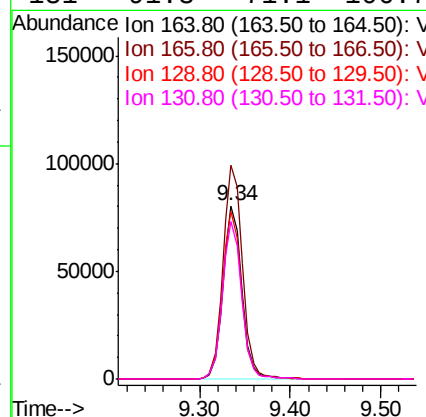
Manual Integrations
APPROVED

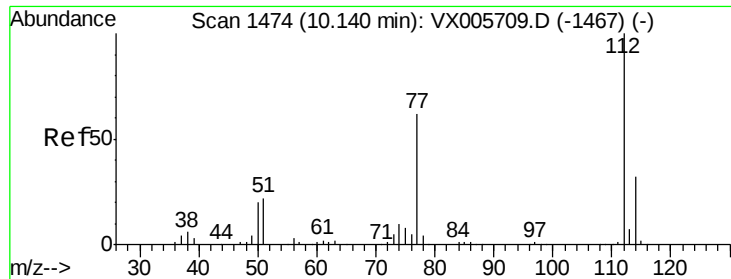
MMDadoda
11/1/2018 9:49:25 AM



#64
Tetrachloroethene
Concen: 87.452 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	101.9	152.9
129	97.3	72.6	109.0
131	91.3	71.1	106.7





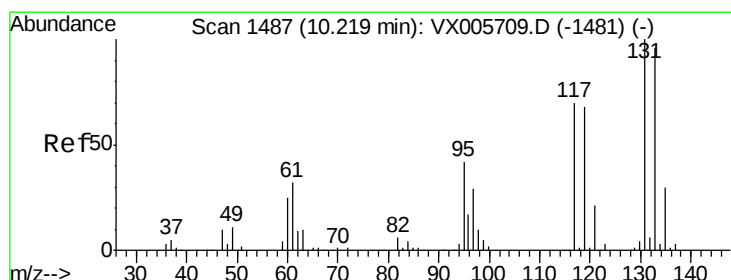
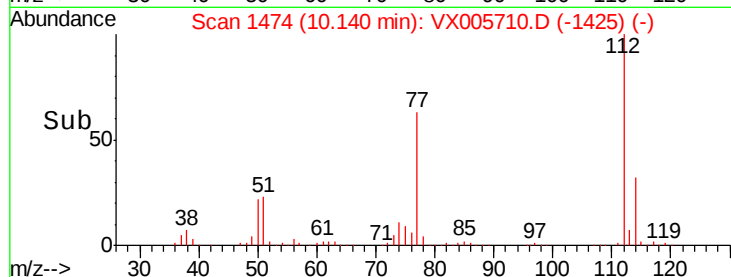
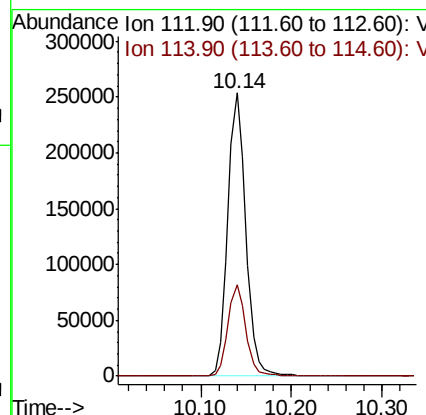
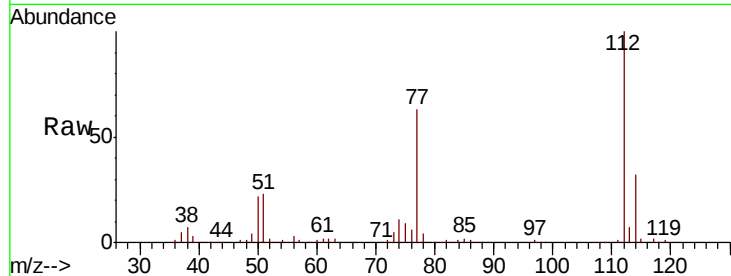
#65
Chlorobenzene
Concen: 94.025 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion:112 Resp: 354078
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

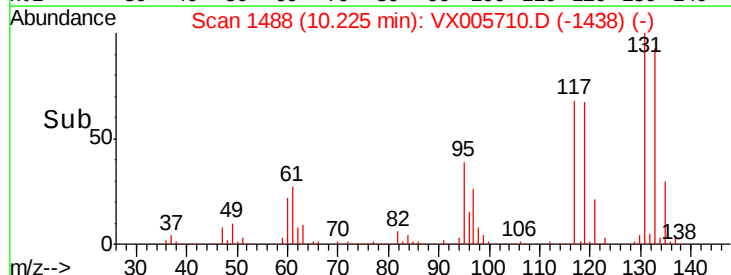
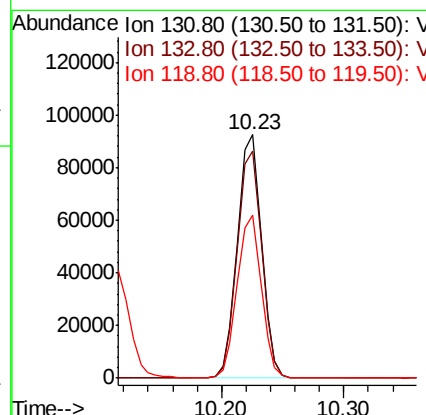
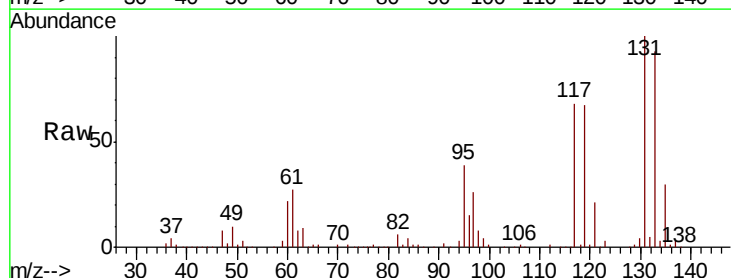
Manual Integrations
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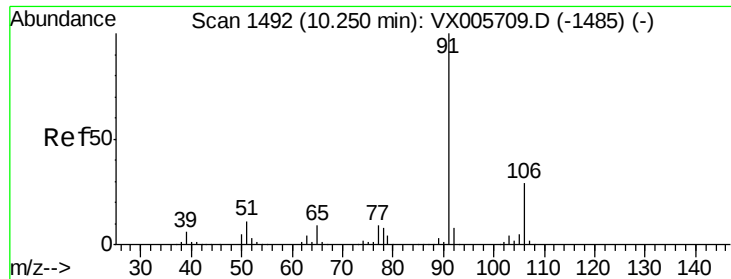
MMDadoda
11/1/2018 9:49:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 99.597 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion:131 Resp: 125905
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 67.2 31.8 95.3





#67

Ethyl Benzene

Concen: 104.443 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 648964

Ion Ratio Lower Upper

91 100

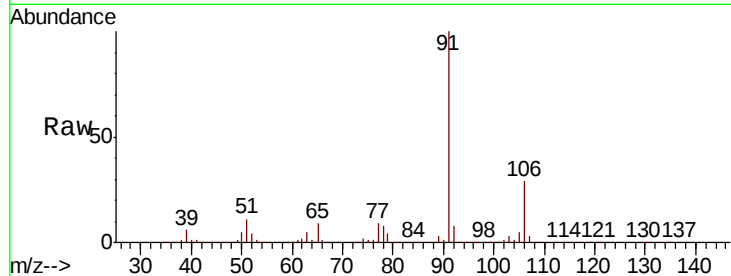
106 28.7 24.4 36.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005709.D (-1485) (-)

800000

600000

400000

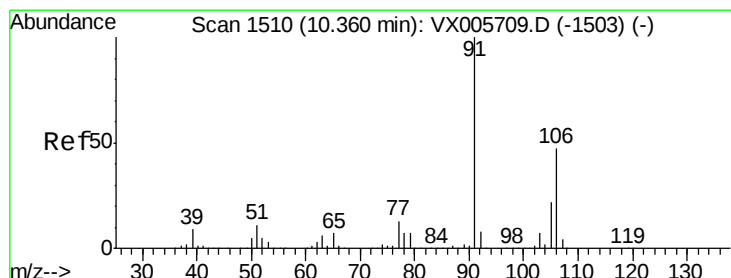
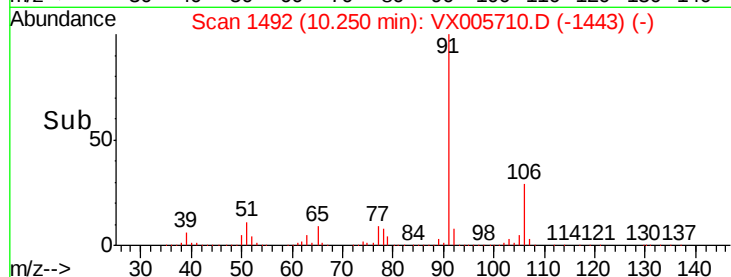
200000

0

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 212.016 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005710.D

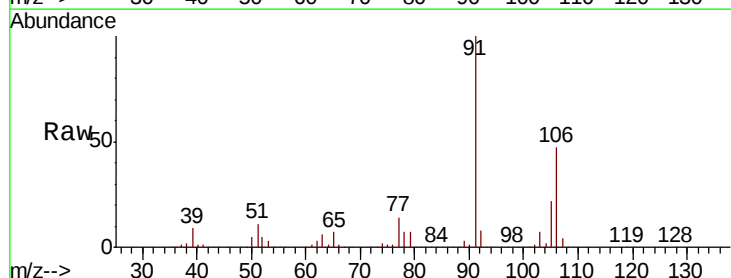
Acq: 31 Oct 2018 15:47

Tgt Ion: 106 Resp: 486017

Ion Ratio Lower Upper

106 100

91 213.2 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005709.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005709.D (-1503) (-)

800000

600000

400000

200000

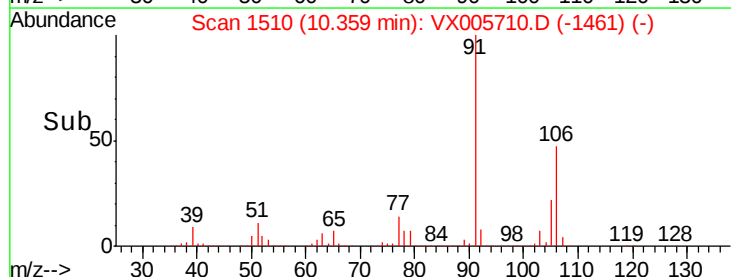
0

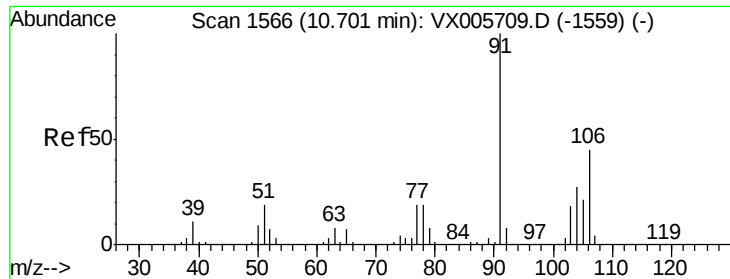
10.36

10.40

10.50

Time-->





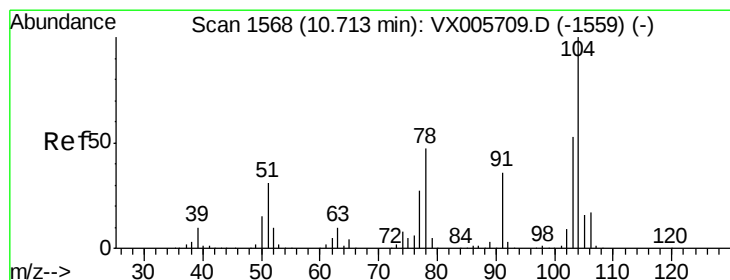
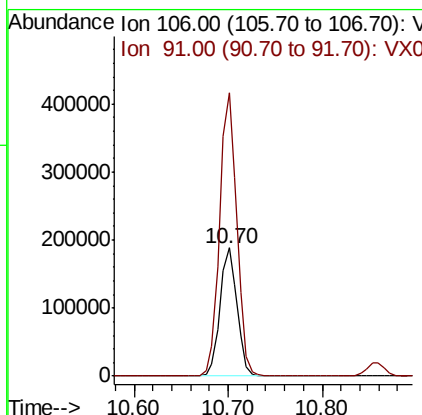
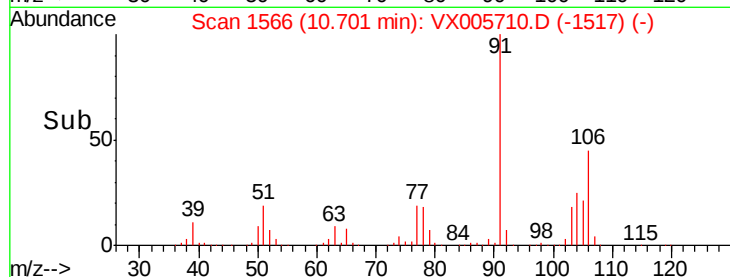
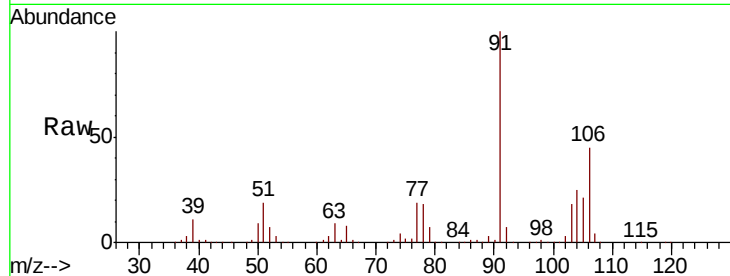
#69
o-Xylene
Concen: 109.395 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.3	108.5	325.5

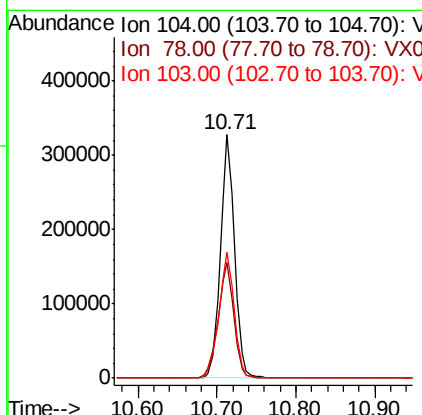
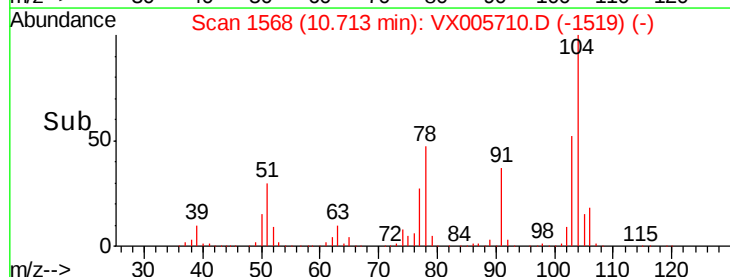
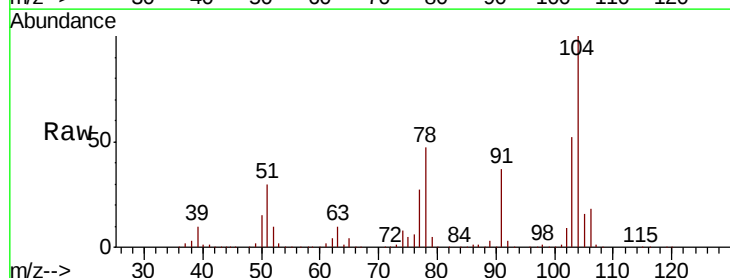
Manual Integrations
APPROVED

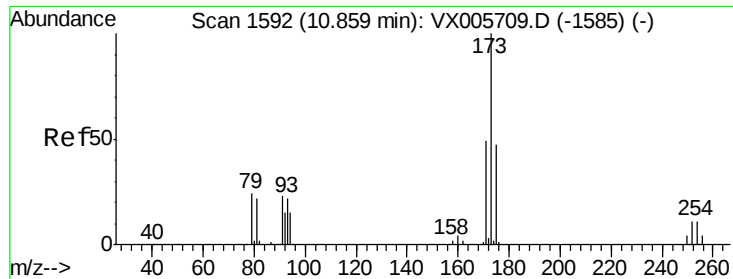
MMDadoda
11/1/2018 9:49:25 AM



#70
Styrene
Concen: 116.504 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.9	40.2	60.4
103	56.4	44.9	67.3





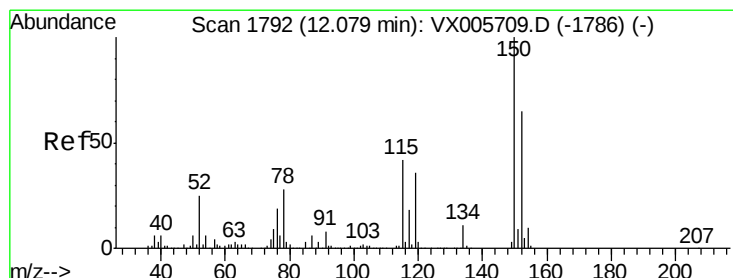
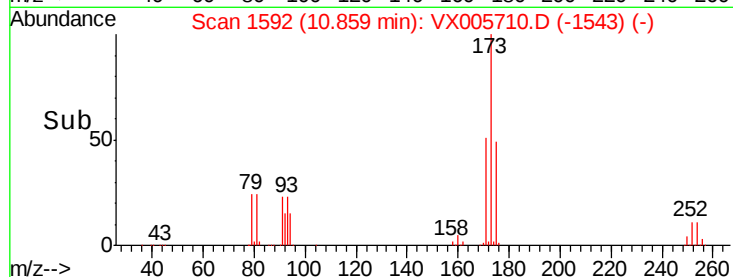
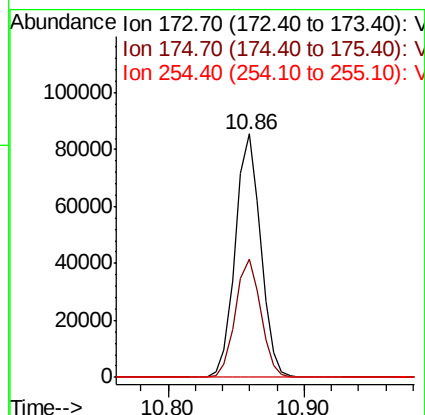
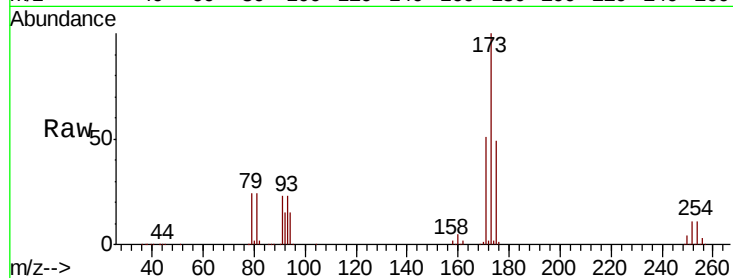
#71
Bromoform
Concen: 115.766 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.3
254	0.1	0.2	0.2#

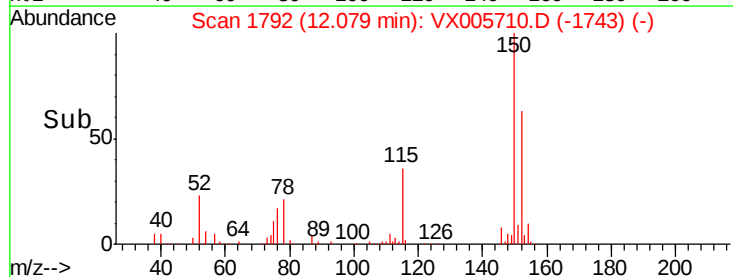
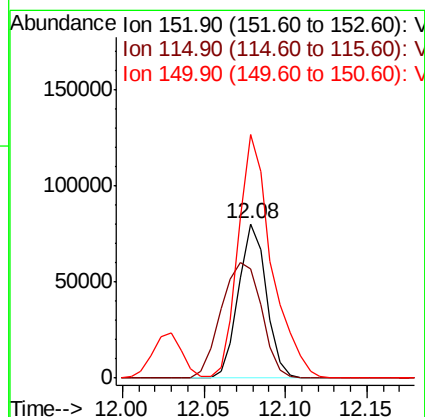
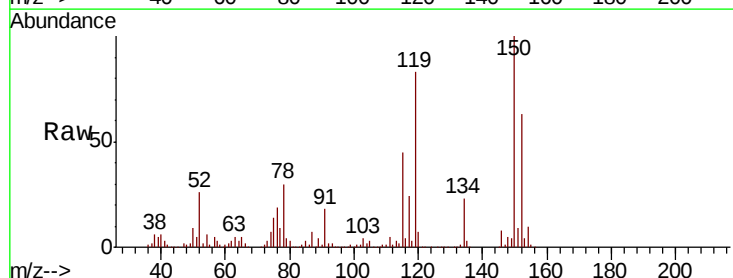
Manual Integrations
APPROVED

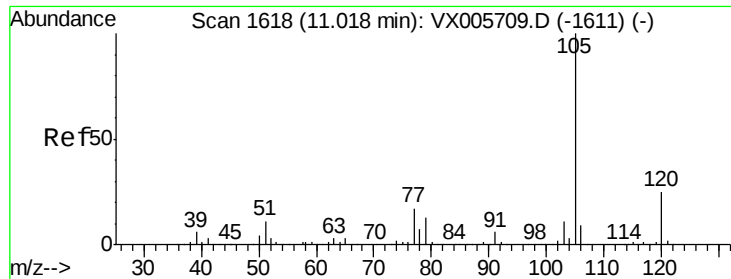
MMDadoda
11/1/2018 9:49:25 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	108.8	39.4	118.1
150	188.1	0.0	346.4





#73

Isopropylbenzene

Concen: 101.526 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 644564

Ion Ratio Lower Upper

105 100

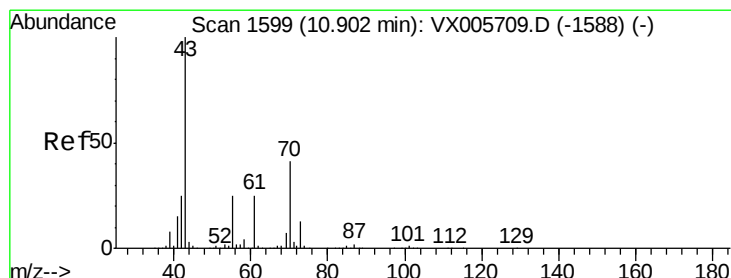
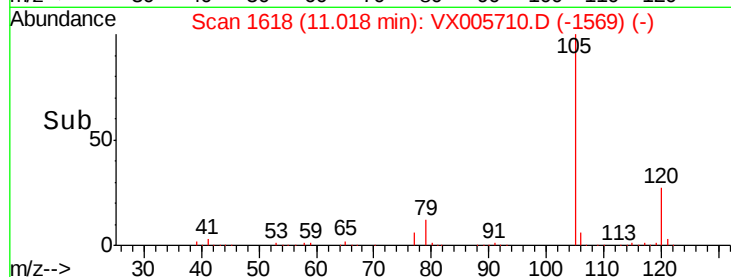
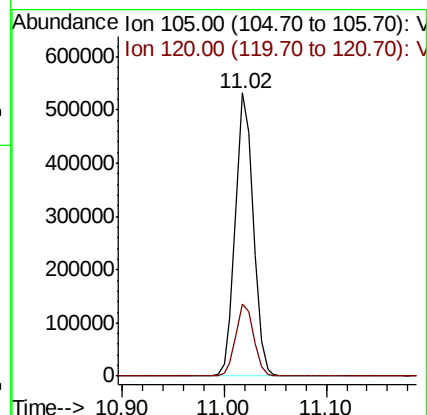
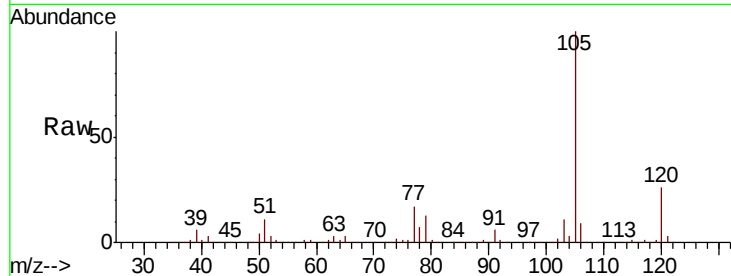
120 25.7 13.1 39.3

Manual Integrations

APPROVED

MMDadoda

11/1/2018 9:49:25 AM



#74

N-ethyl acetate

Concen: 112.577 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Tgt Ion: 43 Resp: 361500

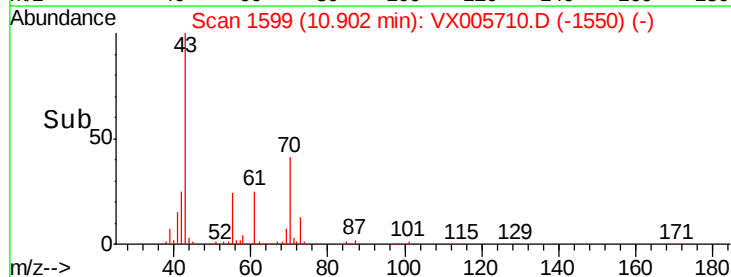
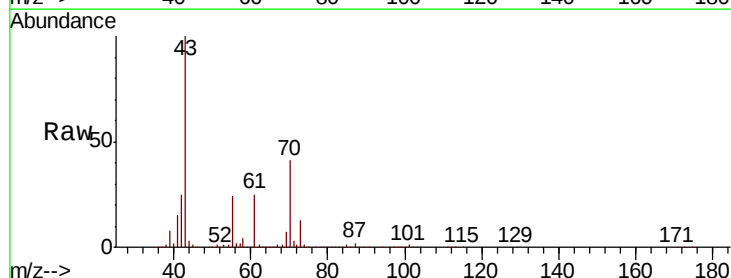
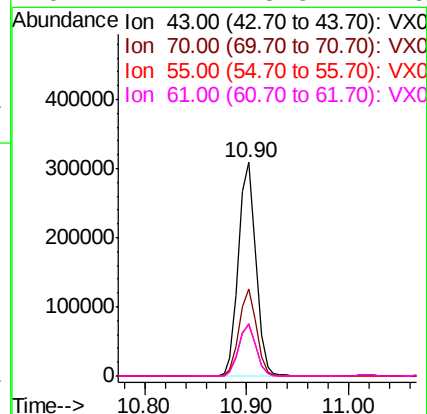
Ion Ratio Lower Upper

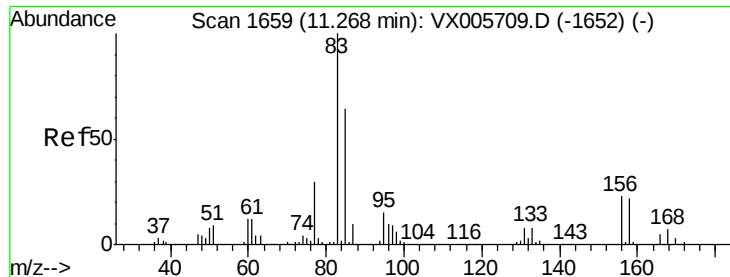
43 100

70 40.2 31.6 47.4

55 24.6 19.7 29.5

61 24.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 95.513 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

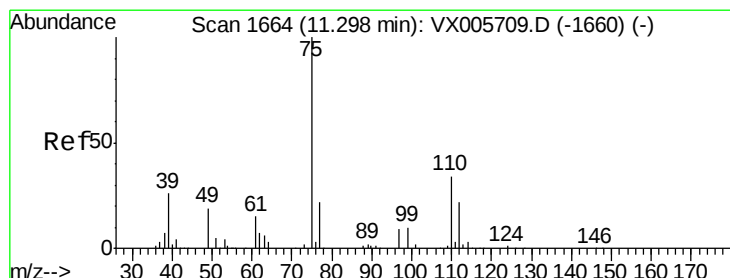
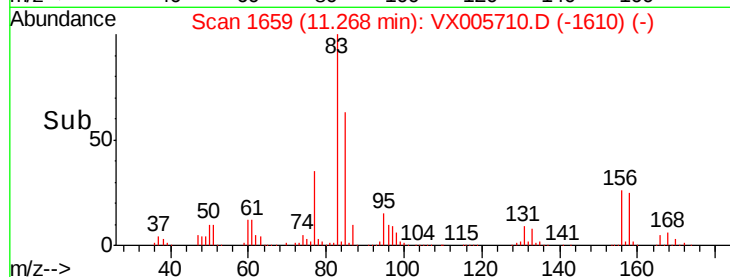
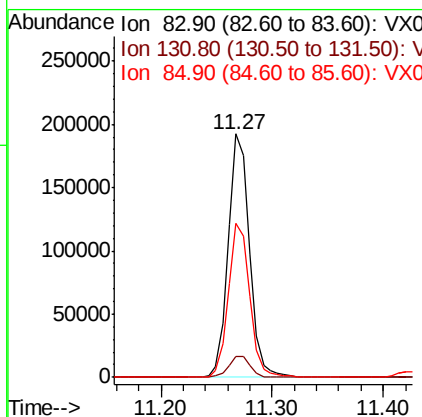
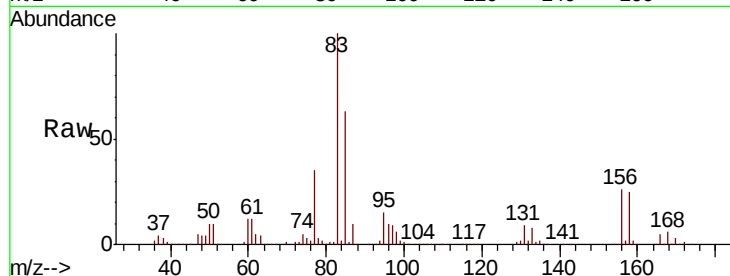
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	253220
Ion Ratio	Lower	Upper	
83	100		
131	8.8	5.3	15.9
85	63.9	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 94.552 ug/l m

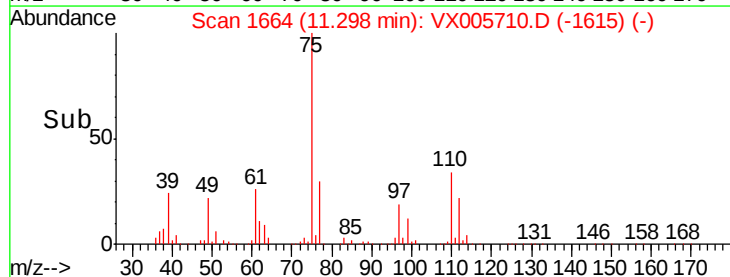
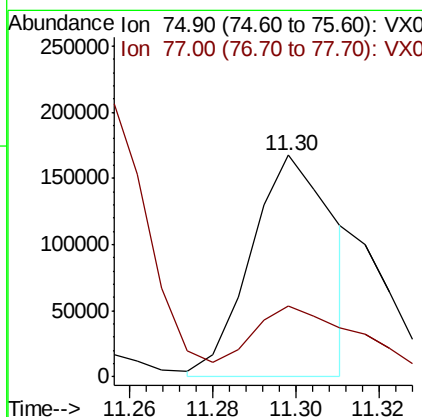
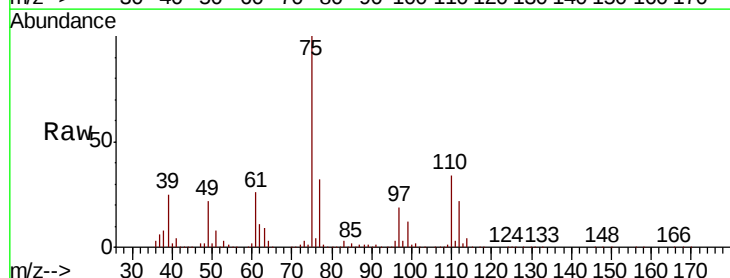
RT: 11.30 min Scan# 1664

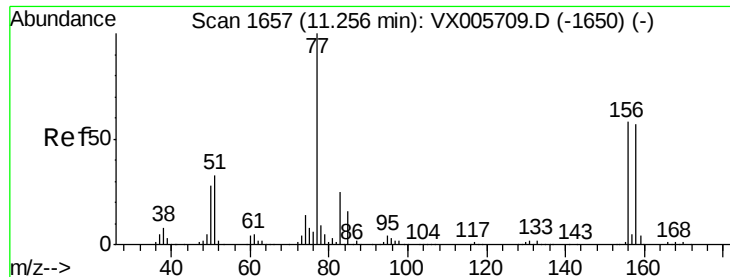
Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Tgt Ion:	75	Resp:	230575
Ion Ratio	Lower	Upper	
75	100		
77	42.1	20.5	61.6





#77

Bromobenzene

Concen: 96.082 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

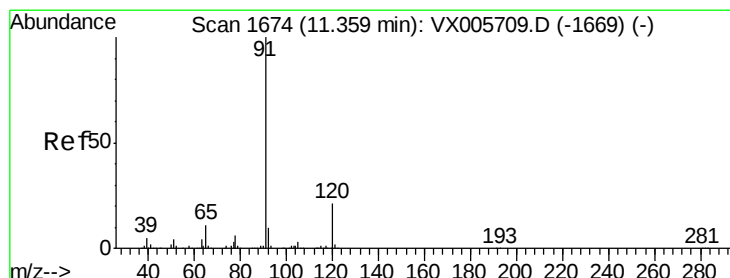
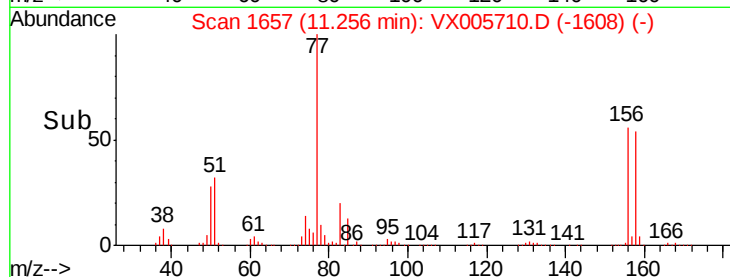
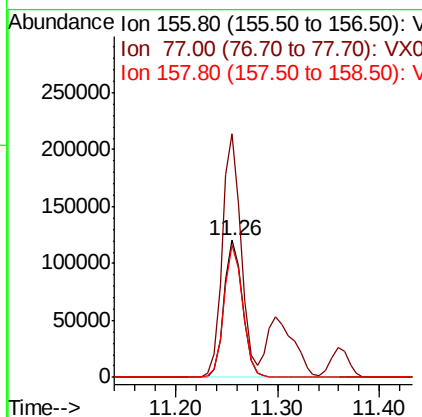
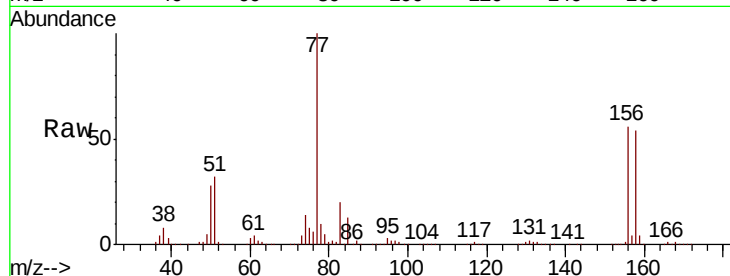
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		153266		
77	178.6	74.8	224.4		
158	97.2	49.1	147.3		

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#78

n-propylbenzene

Concen: 103.308 ug/l

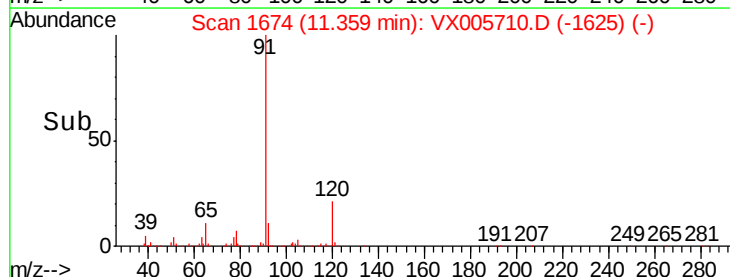
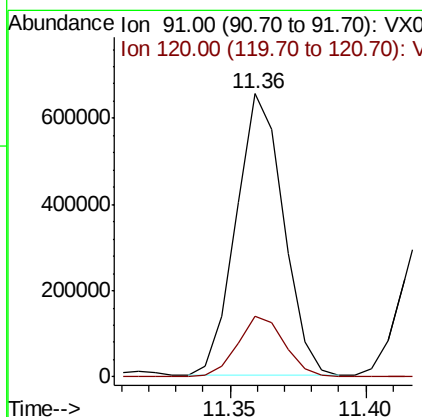
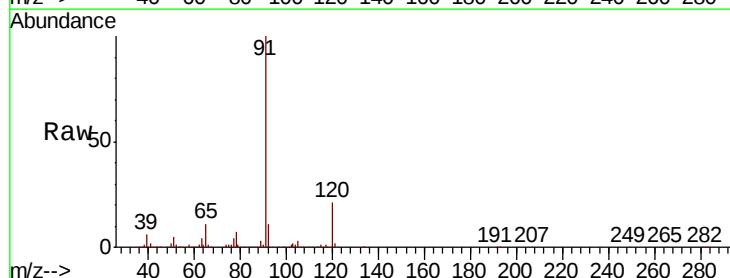
RT: 11.36 min Scan# 1674

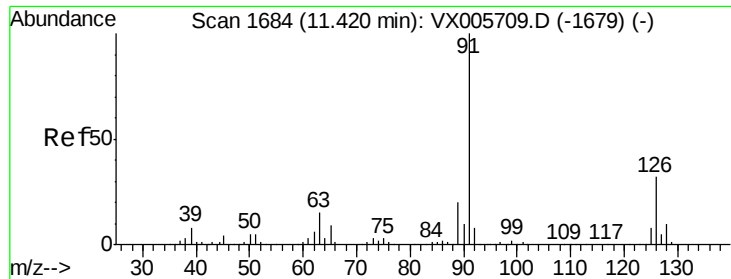
Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		791363		
120	21.7	11.9	35.5		





#79

2-Chlorotoluene

Concen: 98.477 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005710.D

Acq: 31 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 456491

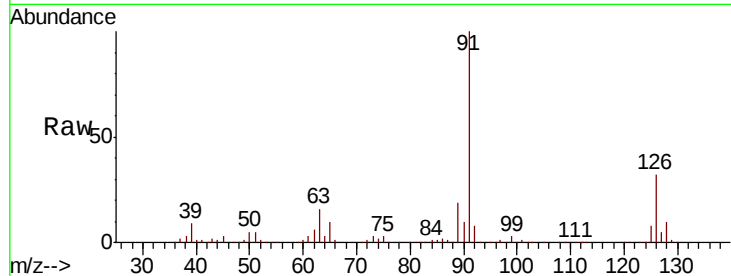
Ion Ratio Lower Upper

91 100

126 32.6 17.3 52.0

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Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005709.D (-1679) (-)

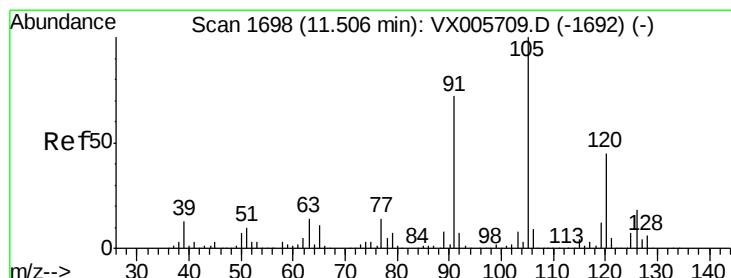
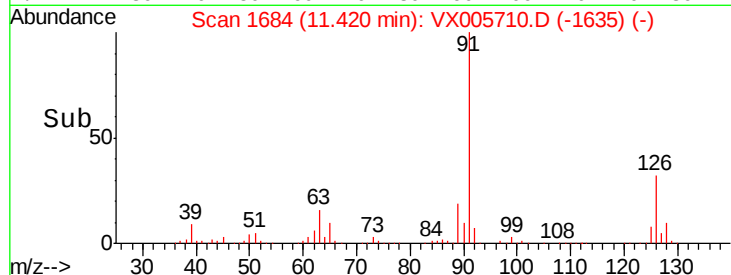
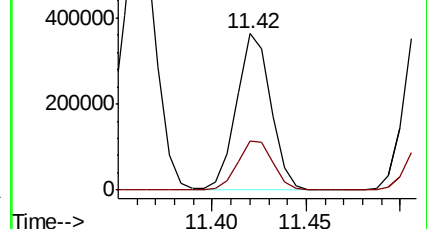
600000

400000

200000

0

11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 107.497 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005710.D

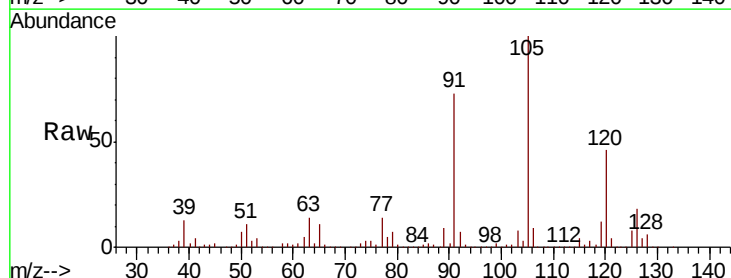
Acq: 31 Oct 2018 15:47

Tgt Ion: 105 Resp: 564838

Ion Ratio Lower Upper

105 100

120 46.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005709.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005709.D (-1692) (-)

500000

400000

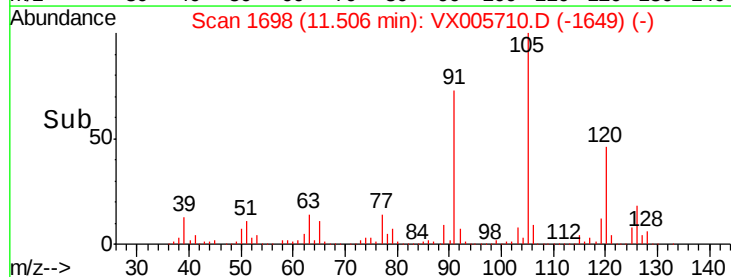
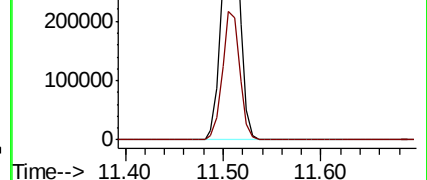
300000

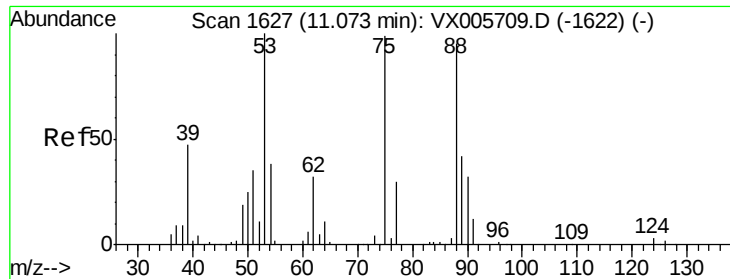
200000

100000

0

11.40 11.50 11.60





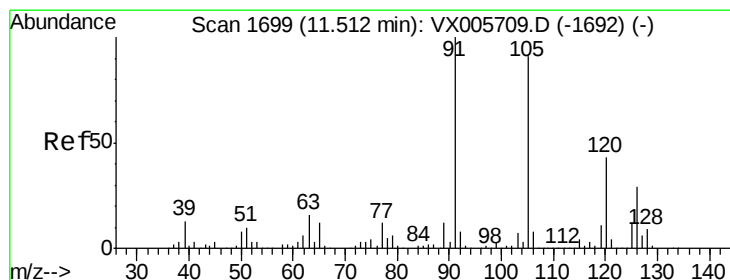
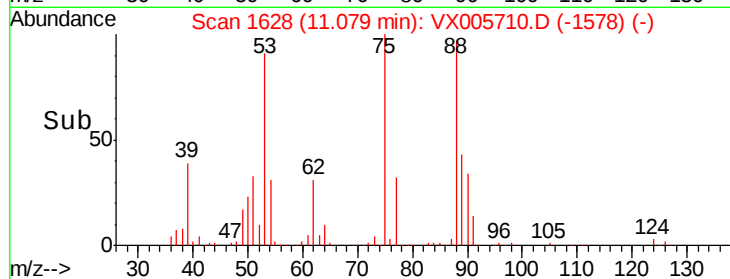
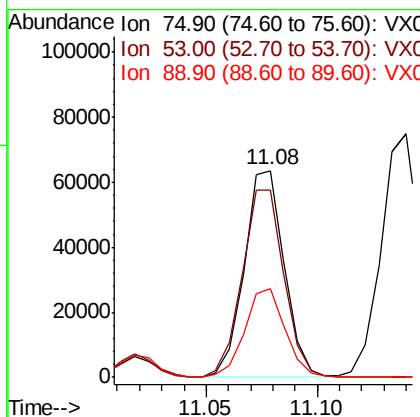
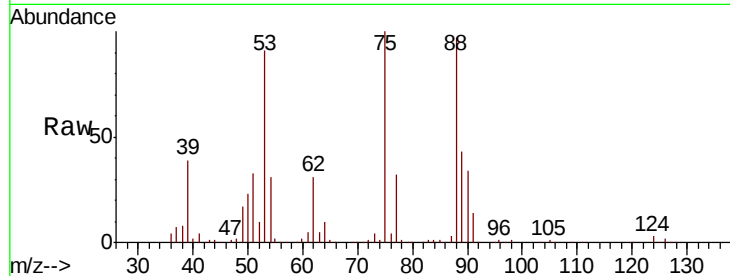
#81
trans-1,4-Dichloro-2-butene
Concen: 112.824 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.8	80.2	120.2
89	43.6	39.8	59.8

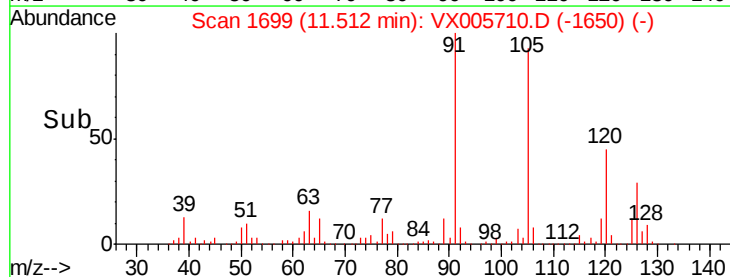
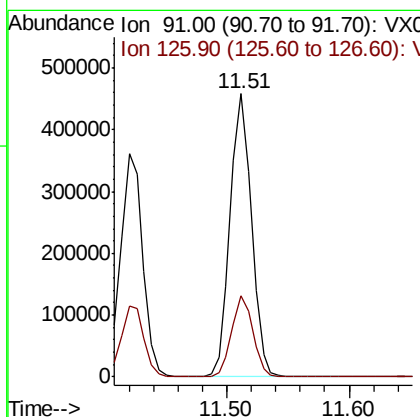
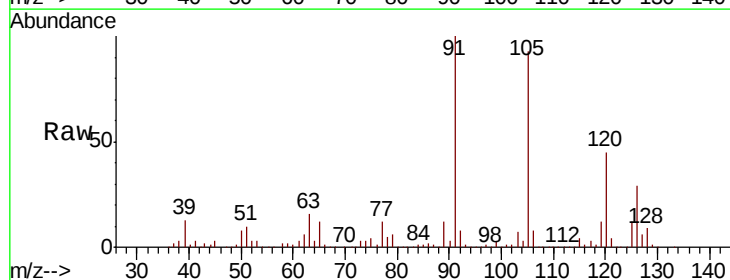
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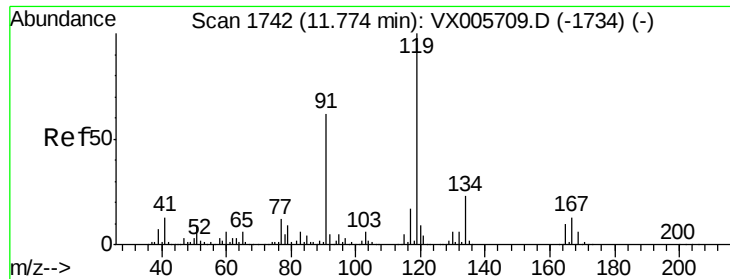
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#82
4-Chlorotoluene
Concen: 101.413 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.4	15.2	45.6





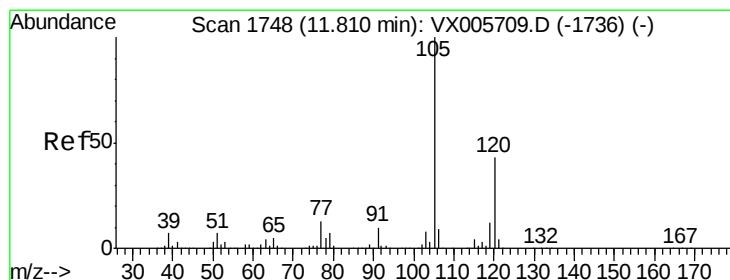
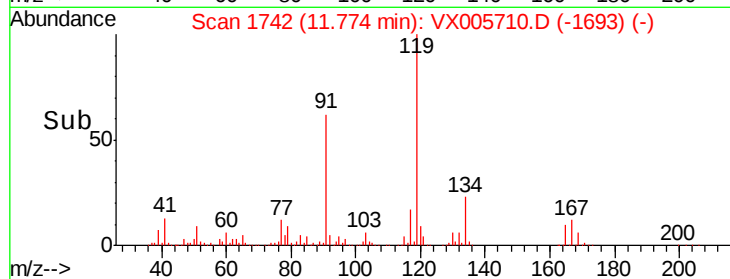
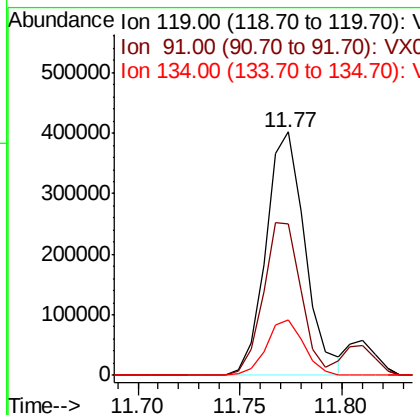
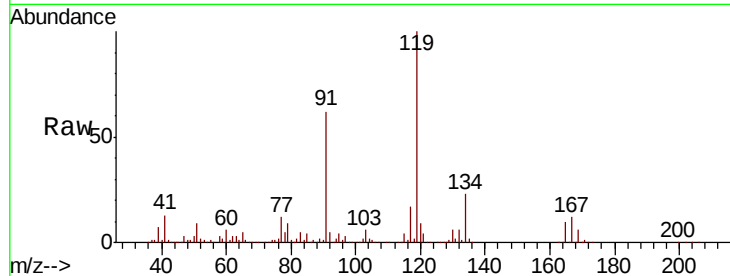
#83
tert-Butylbenzene
Concen: 107.088 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	536250		
91	60.8	28.5	85.5	
134	21.8	11.3	33.8	

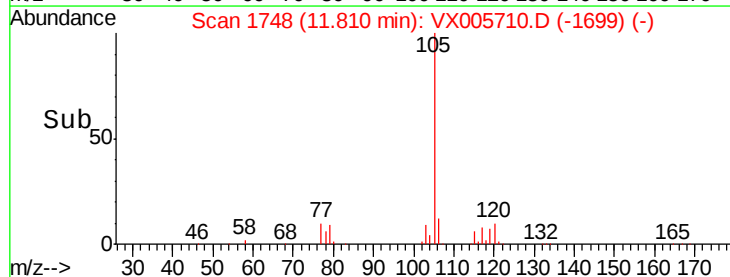
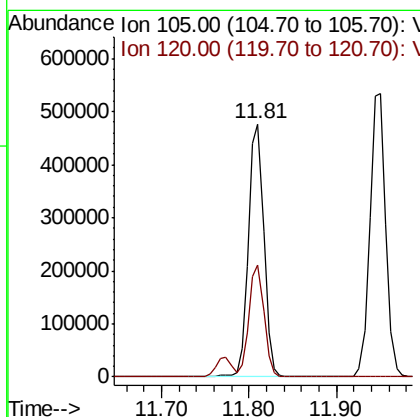
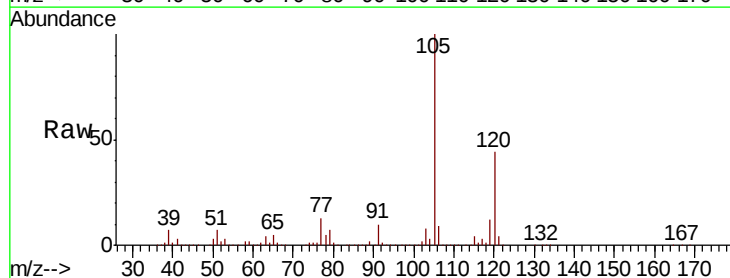
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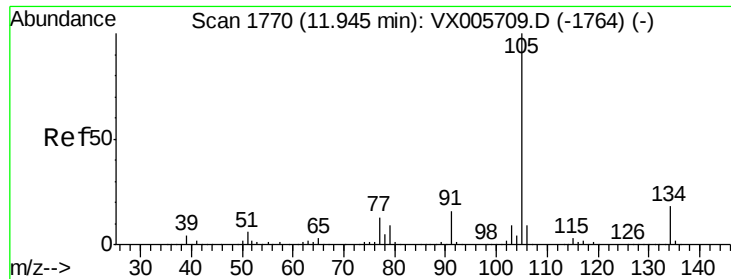
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#84
1,2,4-Trimethylbenzene
Concen: 108.974 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	575720		
120	43.2	22.4	67.0	





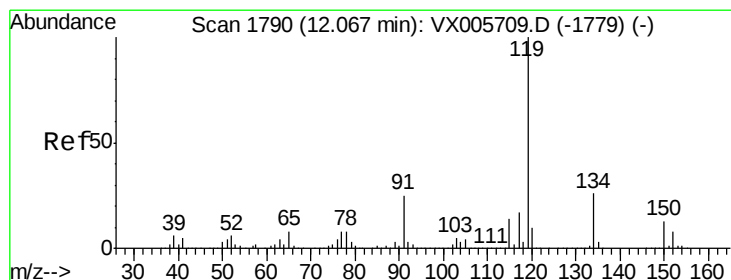
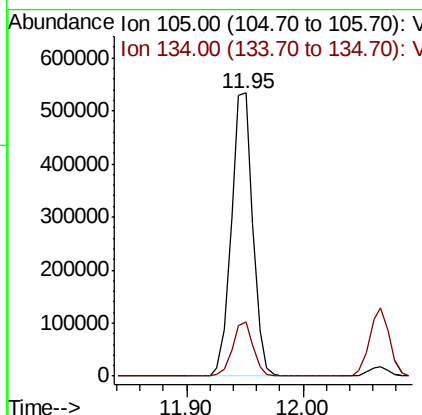
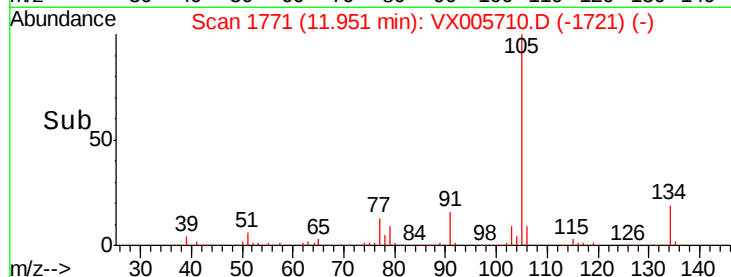
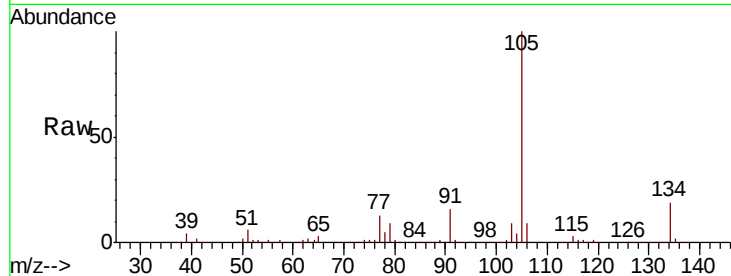
#85
 sec-Butylbenzene
 Concen: 104.668 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 680513
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.2 30.4

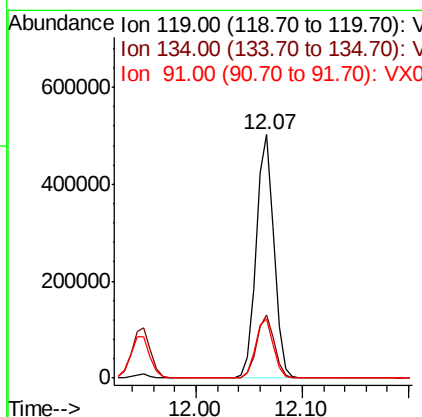
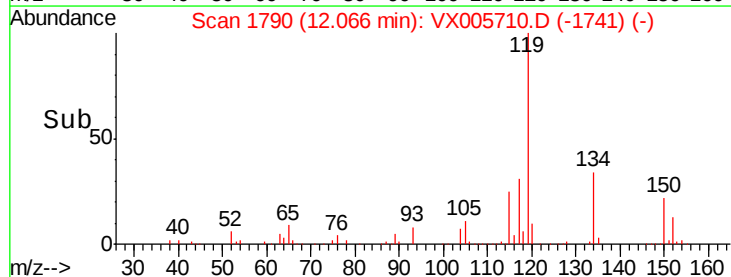
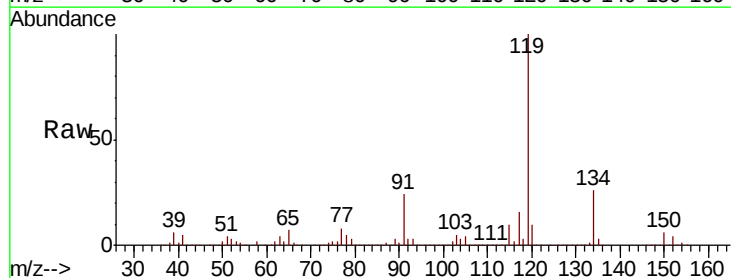
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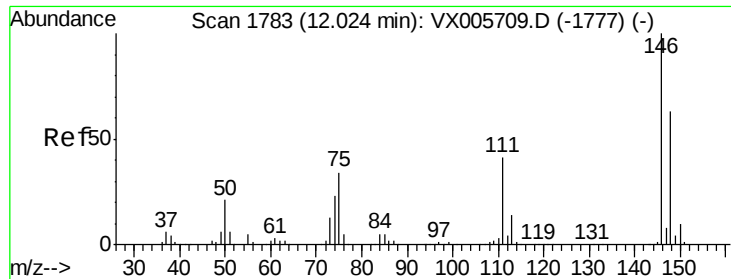
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#86
 p-Isopropyltoluene
 Concen: 107.371 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion:119 Resp: 586918
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.6 11.4 34.2





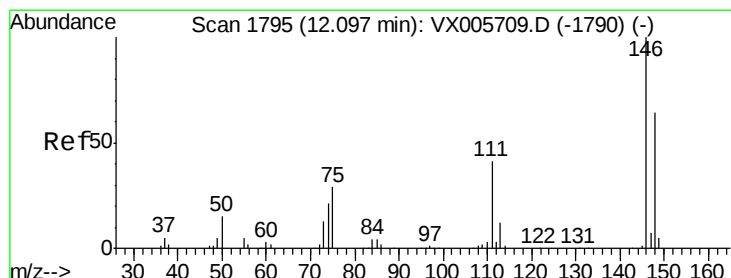
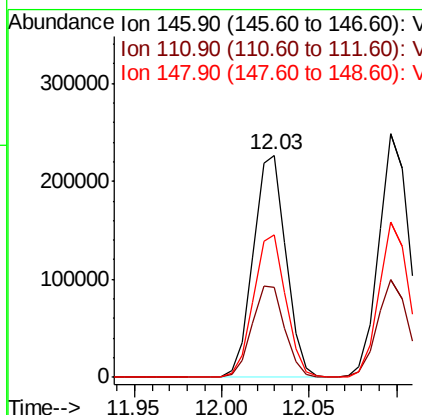
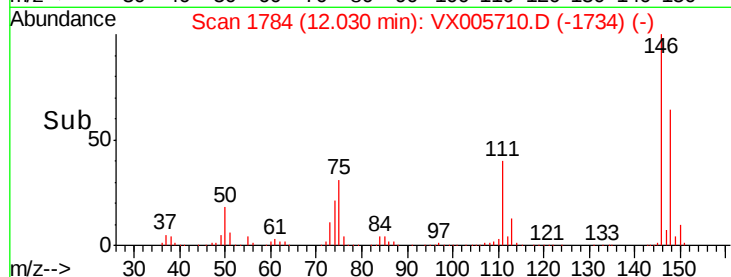
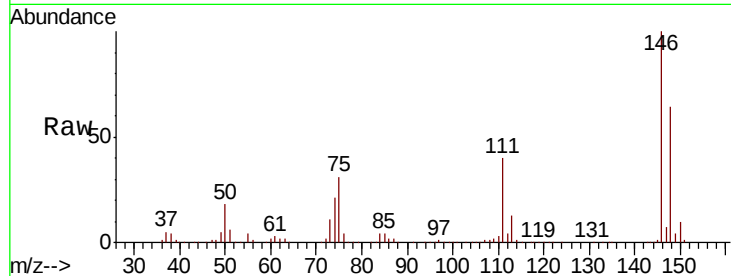
#87
 1,3-Dichlorobenzene
 Concen: 95.869 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.0	57.0
148	63.6	31.9	95.9

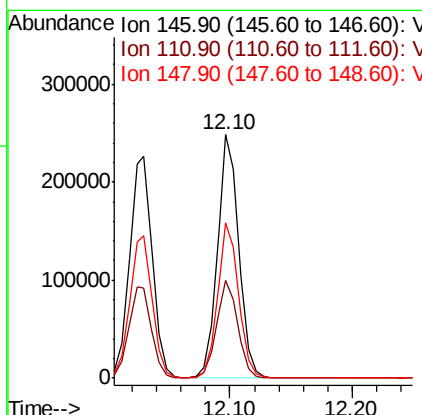
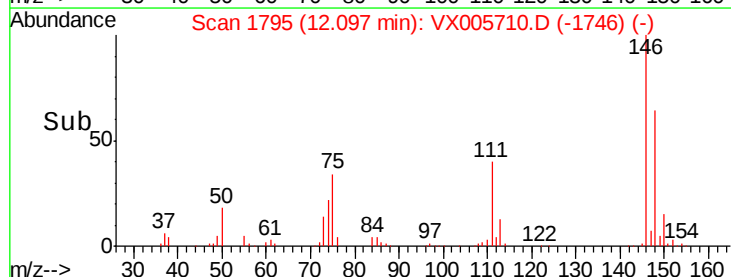
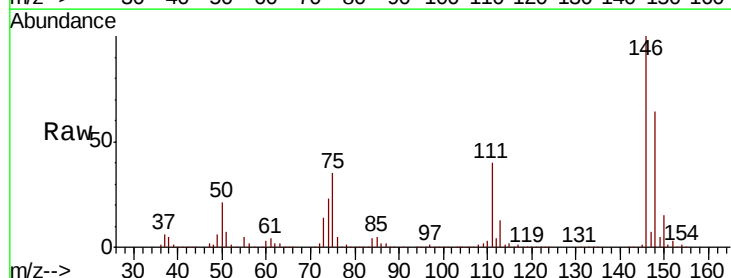
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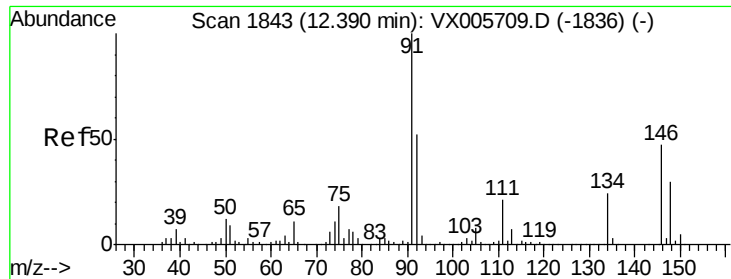
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#88
 1,4-Dichlorobenzene
 Concen: 88.896 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.6	55.8
148	62.9	32.1	96.3





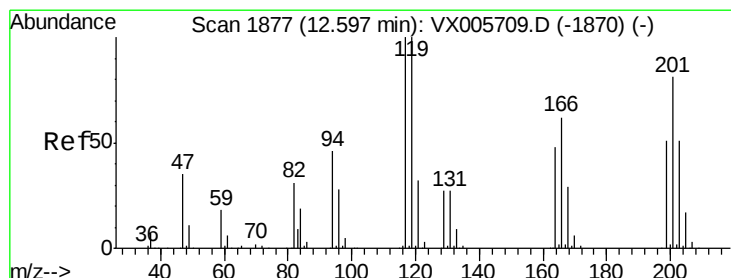
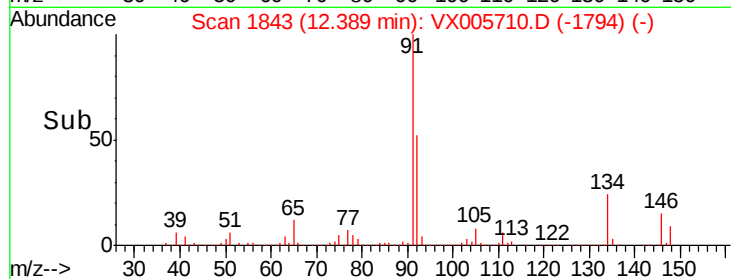
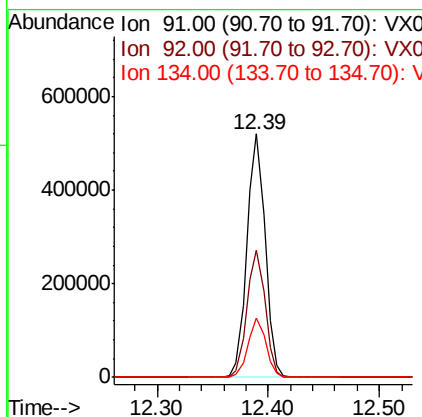
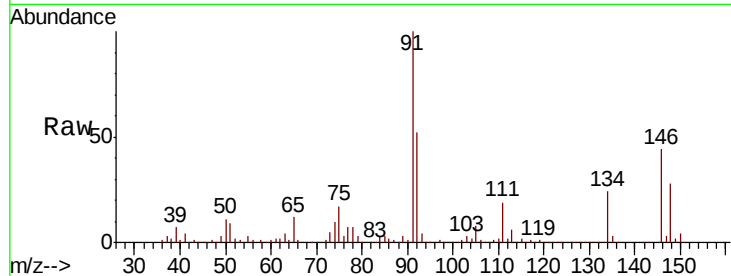
#89
n-Butylbenzene
Concen: 107.679 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.1	78.2
134	23.7	13.1	39.3

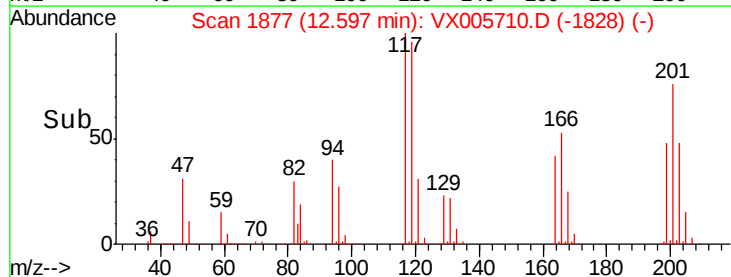
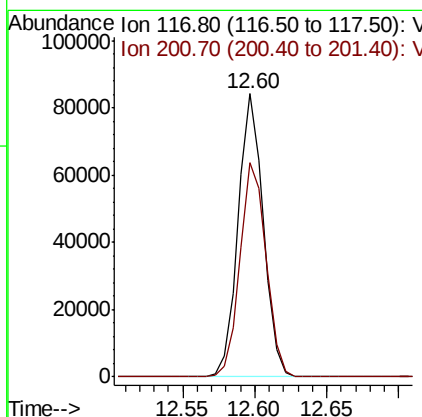
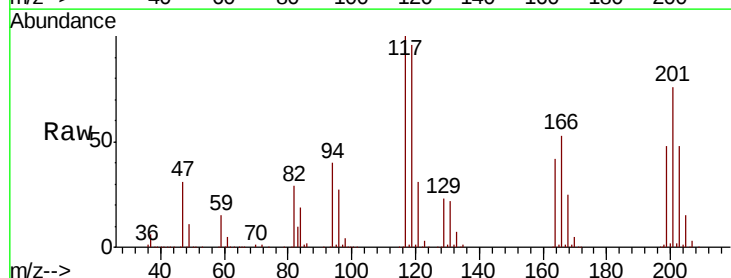
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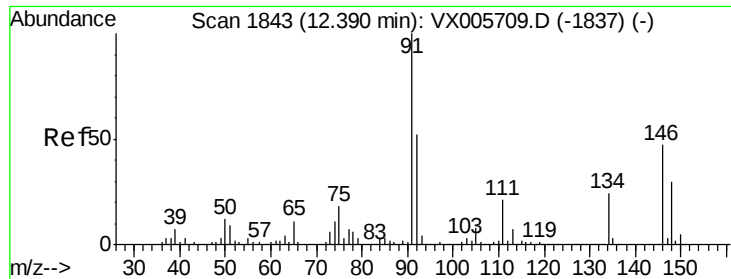
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#90
Hexachloroethane
Concen: 105.993 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.3	47.9	143.6





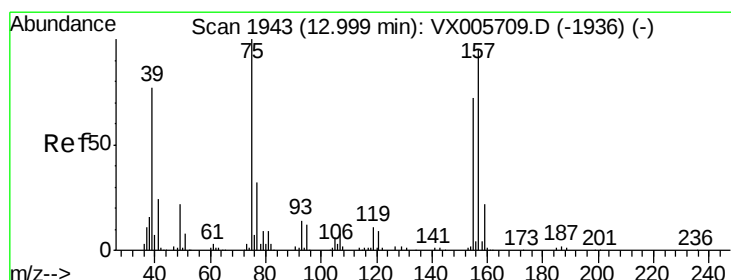
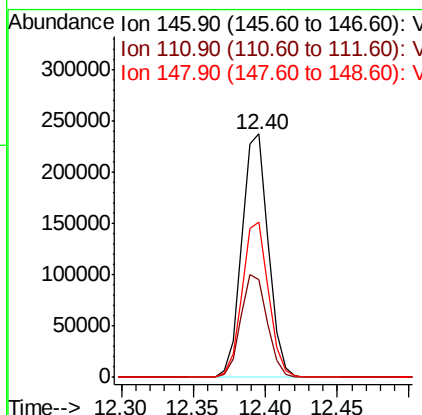
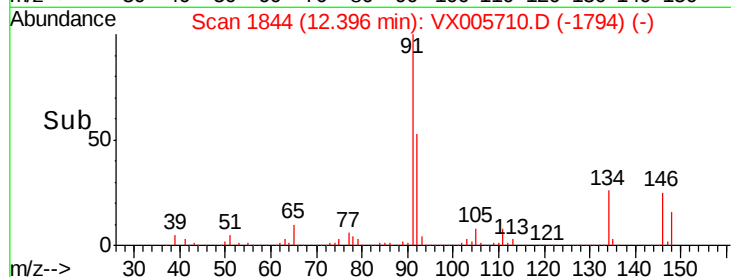
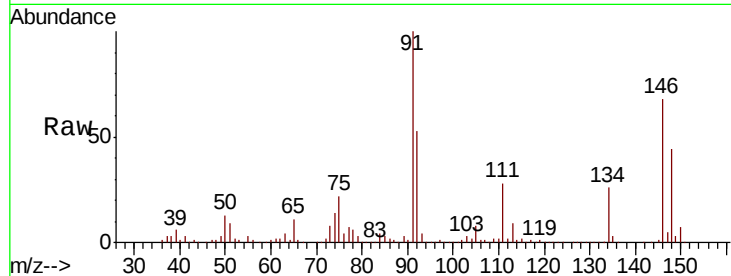
#91
 1,2-Dichlorobenzene
 Concen: 93.700 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.0	59.9
148	63.7	32.2	96.6

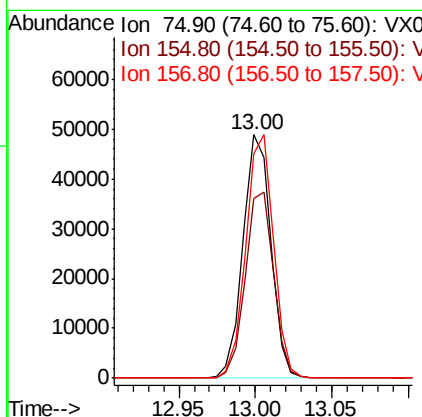
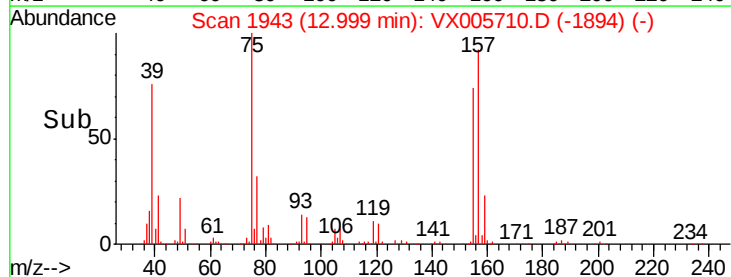
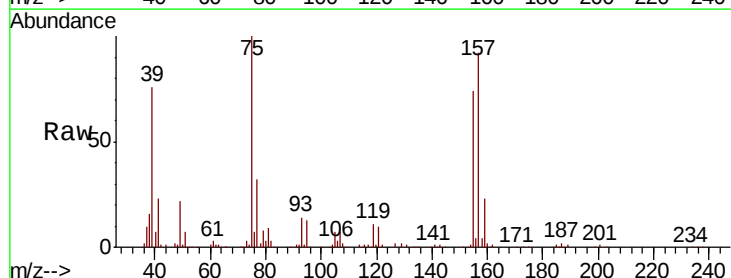
Manual Integrations
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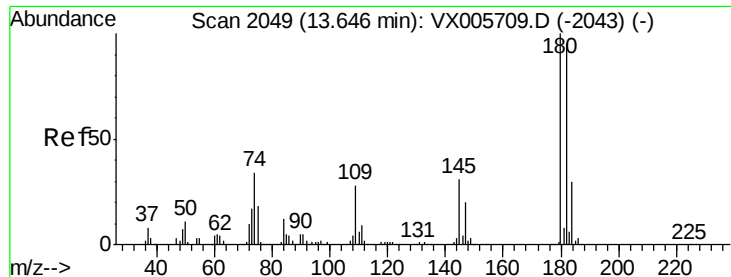
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.847 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.4	45.4	136.1
157	99.4	57.4	172.0





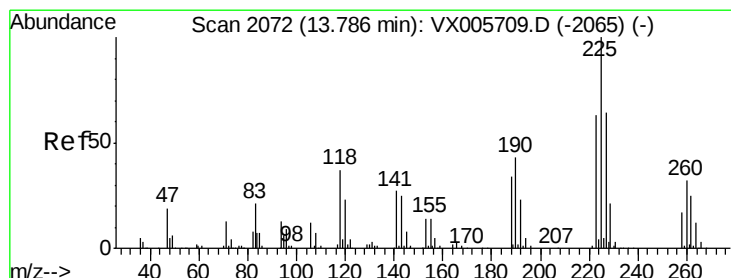
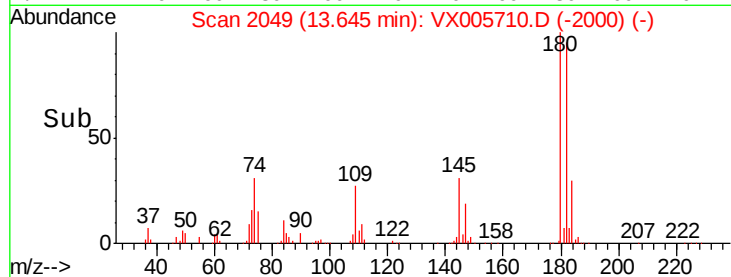
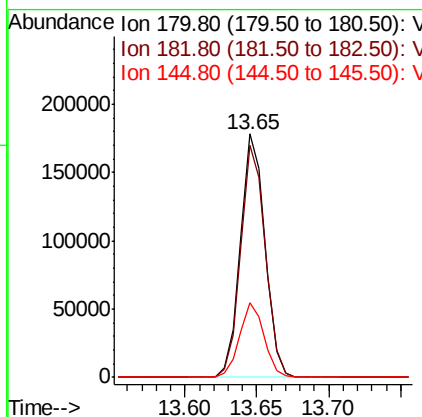
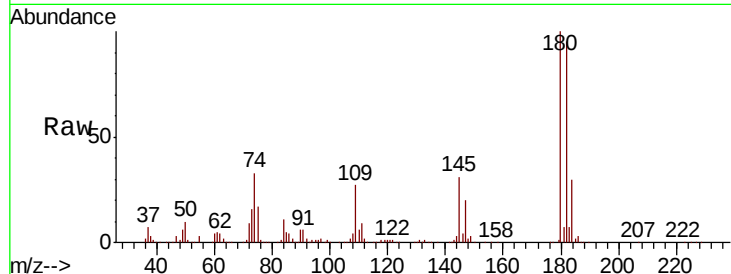
#93
 1,2,4-Trichlorobenzene
 Concen: 105.723 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	210548		
182	95.4	47.6	142.8	
145	30.4	14.1	42.2	

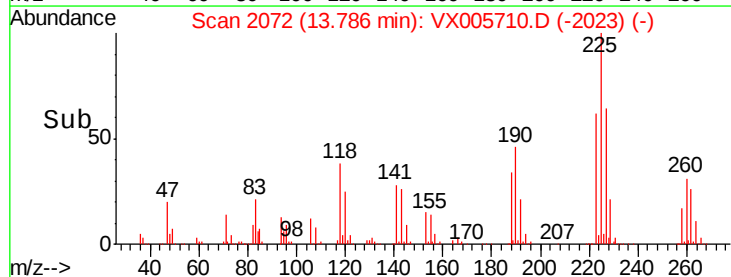
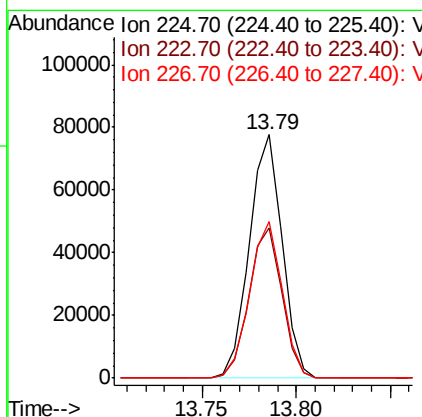
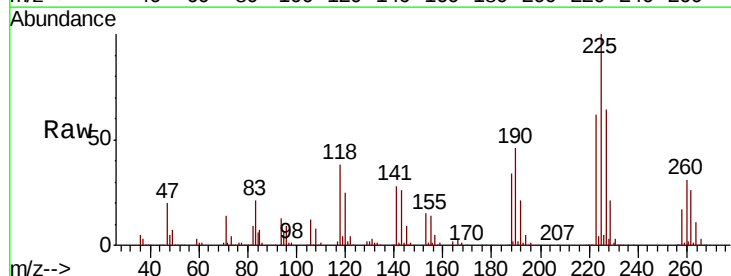
Manual Integrations
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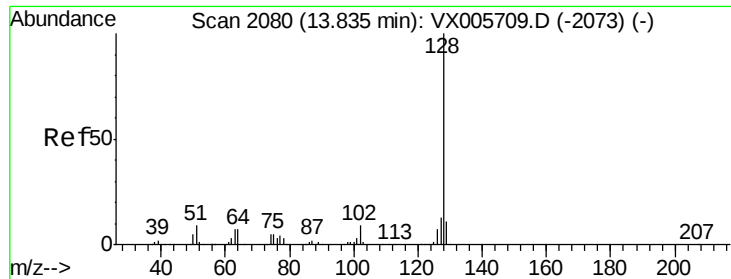
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#94
 Hexachlorobutadiene
 Concen: 93.377 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005710.D
 Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93926		
223	62.0	31.7	95.1	
227	63.7	32.3	96.9	





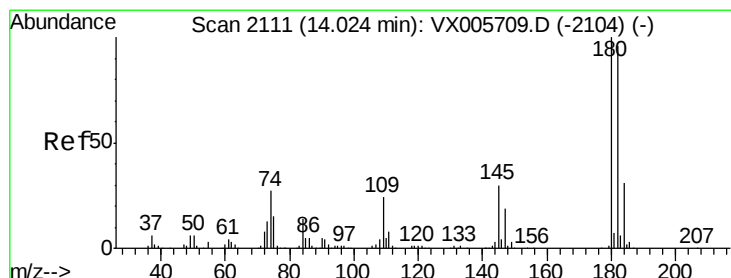
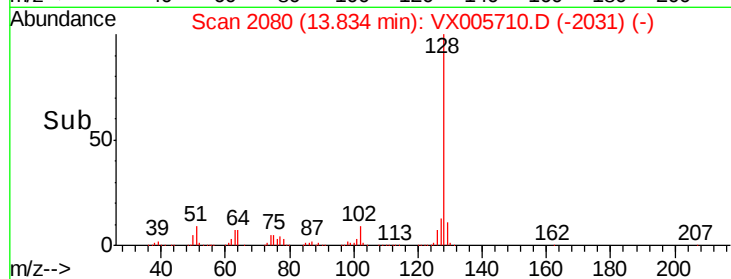
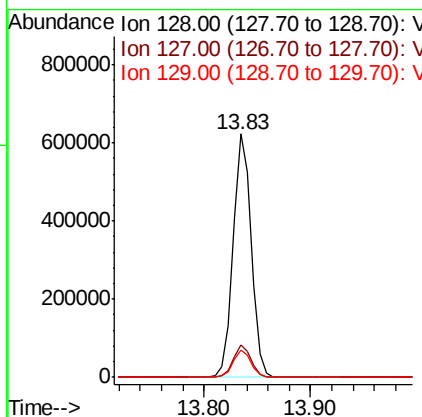
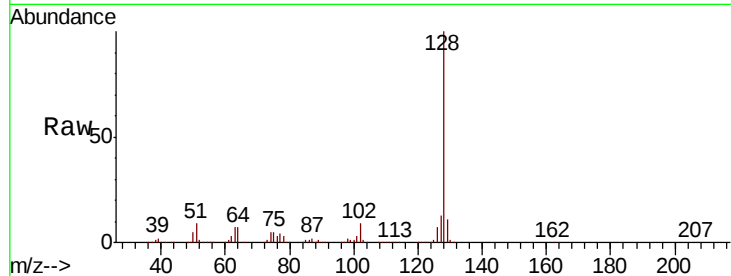
#95
Naphthalene
Concen: 117.407 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 104.939 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005710.D
Acq: 31 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	32.3	15.1	45.3

