

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010419\
 Data File : VX006923.D
 Acq On : 04 Jan 2019 19:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 11:04:24 AM

Quant Time: Jan 04 23:44:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	504530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	750129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	667069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	347587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	276045	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	5.50	113	251810	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	8.71	98	912637	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	324060	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	172602	37.396	ug/l	96
3) Chloromethane	1.32	50	195002	39.215	ug/l	98
4) Vinyl Chloride	1.41	62	215080	41.414	ug/l	97
5) Bromomethane	1.64	94	210839	43.245	ug/l	97
6) Chloroethane	1.71	64	154632	43.001	ug/l	97
7) Trichlorofluoromethane	1.92	101	368330	45.490	ug/l	98
8) Diethyl Ether	2.19	74	153055	47.592	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	222975	46.901	ug/l	99
10) Methyl Iodide	2.51	142	316699	46.537	ug/l	99
11) Tert butyl alcohol	3.09	59	283620	233.716	ug/l	99
12) 1,1-Dichloroethene	2.37	96	200807	44.546	ug/l	97
13) Acrolein	2.30	56	181974	222.285	ug/l	99
14) Allyl chloride	2.73	41	361422	47.632	ug/l	98
15) Acrylonitrile	3.15	53	696202	258.388	ug/l	100
16) Acetone	2.45	43	570744	228.461	ug/l	99
17) Carbon Disulfide	2.57	76	404582	33.915	ug/l	99
18) Methyl Acetate	2.78	43	422440	57.507	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	779669	52.111	ug/l	100
20) Methylene Chloride	2.85	84	241510	46.751	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	217743	43.595	ug/l	98
22) Diisopropyl ether	3.87	45	730704	52.639	ug/l	94
23) Vinyl Acetate	3.82	43	2908337	256.140	ug/l	100
24) 1,1-Dichloroethane	3.70	63	396748	47.879	ug/l	99
25) 2-Butanone	4.70	43	862862	245.547	ug/l	98
26) 2,2-Dichloropropane	4.58	77	283762	44.331	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	267177	48.483	ug/l	99
28) Bromochloromethane	5.02	49	191944	55.140	ug/l	97
29) Tetrahydrofuran	5.15	42	579582	250.418	ug/l	98
30) Chloroform	5.21	83	426224	49.670	ug/l	100
31) Cyclohexane	5.57	56	317942	42.234	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	359767	49.652	ug/l	99
36) 1,1-Dichloropropene	5.80	75	292510	47.082	ug/l	99
37) Ethyl Acetate	4.85	43	334803	51.776	ug/l	100
38) Carbon Tetrachloride	5.78	117	301454	49.927	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	346083	42.312	ug/l	97
40) Benzene	6.14	78	919284	48.678	ug/l	99
41) Methacrylonitrile	5.06	41	188128	54.798	ug/l	98
42) 1,2-Dichloroethane	6.20	62	318579	49.506	ug/l	100
43) Isopropyl Acetate	6.46	43	549264	55.826	ug/l	98
44) Trichloroethene	7.21	130	265929	46.525	ug/l	99
45) 1,2-Dichloropropane	7.52	63	240415	52.314	ug/l	96
46) Dibromomethane	7.66	93	168215	49.763	ug/l	97
47) Bromodichloromethane	7.90	83	302309	53.867	ug/l	96
48) Methyl methacrylate	7.77	41	275681	55.099	ug/l	98
49) 1,4-Dioxane	7.76	88	122306	932.939	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1690985	270.117	ug/l	99
52) Toluene	8.78	92	589282	48.300	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	329555	54.753	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	364726	55.226	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	261477	52.360	ug/l	98
56) Ethyl methacrylate	9.18	69	377959	53.549	ug/l	97
57) 1,3-Dichloropropane	9.37	76	412789	51.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	993262	264.737	ug/l	99
59) 2-Hexanone	9.49	43	1273712	265.922	ug/l	99
60) Dibromochloromethane	9.59	129	262778	50.297	ug/l	98
61) 1,2-Dibromoethane	9.67	107	273768	51.571	ug/l	100
64) Tetrachloroethene	9.34	164	254283	48.140	ug/l	96
65) Chlorobenzene	10.14	112	694277	49.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	254553	57.813	ug/l	99
67) Ethyl Benzene	10.25	91	1127507	48.893	ug/l	100
68) m/p-Xylenes	10.36	106	883976	97.144	ug/l	99
69) o-Xylene	10.70	106	437872	48.730	ug/l	98
70) Styrene	10.71	104	711963	50.082	ug/l	100
71) Bromoform	10.86	173	188910	47.782	ug/l	99
73) Isopropylbenzene	11.02	105	1162059	48.869	ug/l	99
74) N-amyl acetate	10.90	43	485810	57.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	380860	53.855	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	347149m	53.741	ug/l	
77) Bromobenzene	11.26	156	315576	49.088	ug/l	99
78) n-propylbenzene	11.36	91	1271897	48.572	ug/l	100
79) 2-Chlorotoluene	11.42	91	747280	47.091	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	955906	48.806	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	98717	46.803	ug/l	99
82) 4-Chlorotoluene	11.51	91	874114	48.022	ug/l	100
83) tert-Butylbenzene	11.77	119	982487	50.120	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	975250	47.339	ug/l	100
85) sec-Butylbenzene	11.94	105	1153676	48.002	ug/l	100
86) p-Isopropyltoluene	12.07	119	1030857	48.794	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	556800	48.057	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	565731	47.630	ug/l	100
89) n-Butylbenzene	12.39	91	876804	48.766	ug/l	98
90) Hexachloroethane	12.60	117	156173	47.415	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	566351	48.864	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	76909	52.559	ug/l	99

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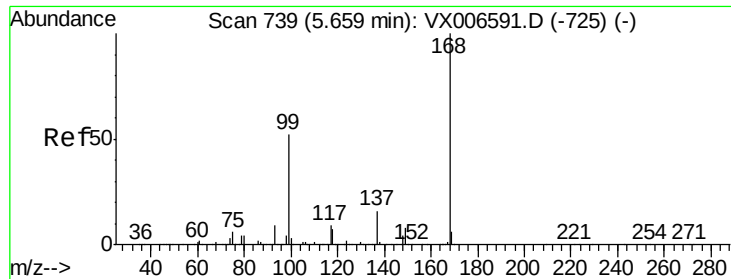
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	395777	49.504	ug/l	99
94) Hexachlorobutadiene	13.78	225	169665	45.024	ug/l	99
95) Naphthalene	13.83	128	1238934	48.553	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	390594	47.318	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: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 504530

Ion Ratio Lower Upper

168 100

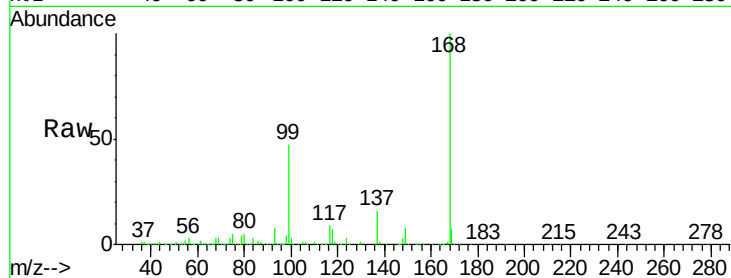
99 46.5 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

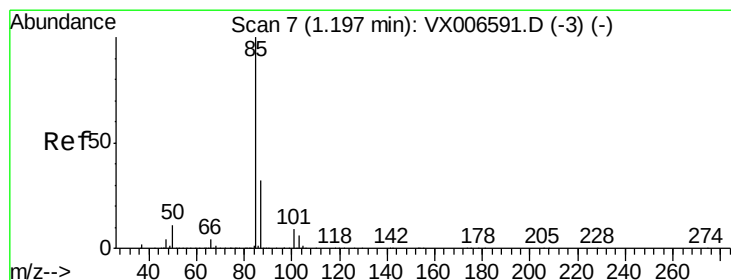
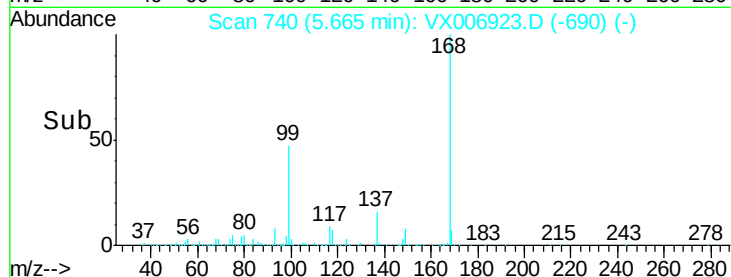
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 37.396 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006923.D

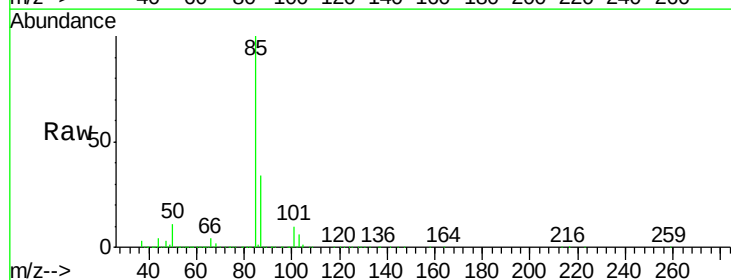
Acq: 04 Jan 2019 19:38

Tgt Ion: 85 Resp: 172602

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

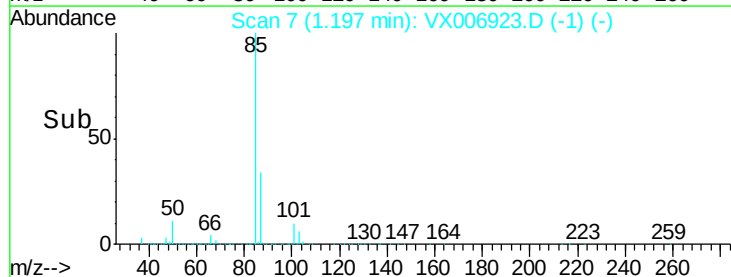
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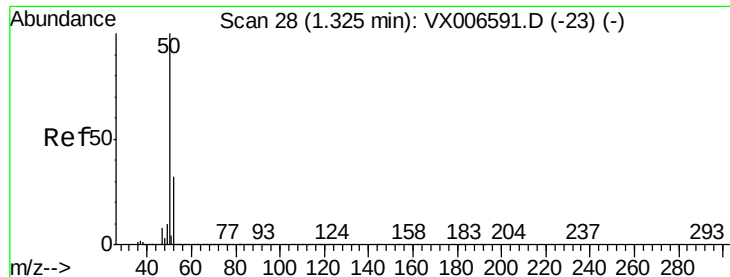
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 39.215 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 195002

Ion Ratio Lower Upper

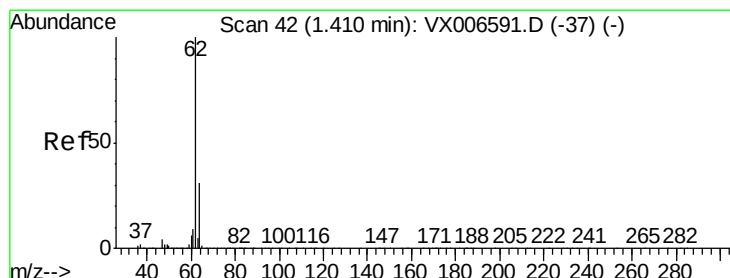
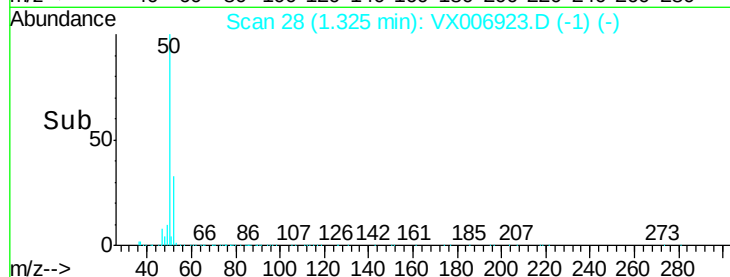
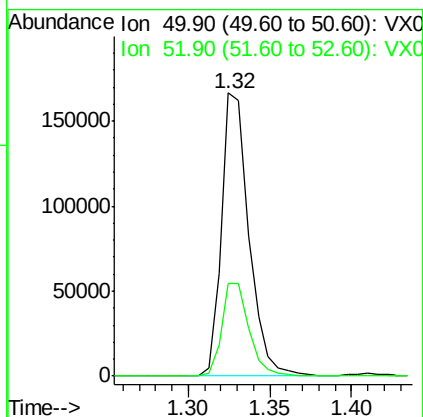
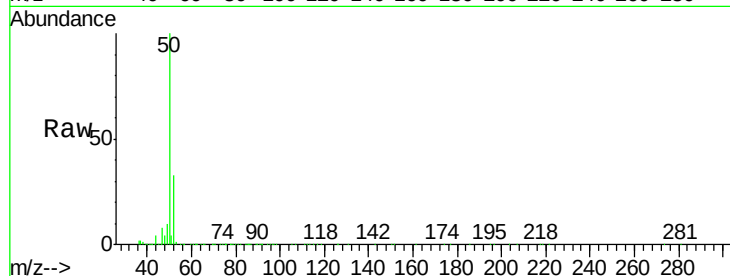
50 100

52 32.6 25.4 38.2

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#4

Vinyl Chloride

Concen: 41.414 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006923.D

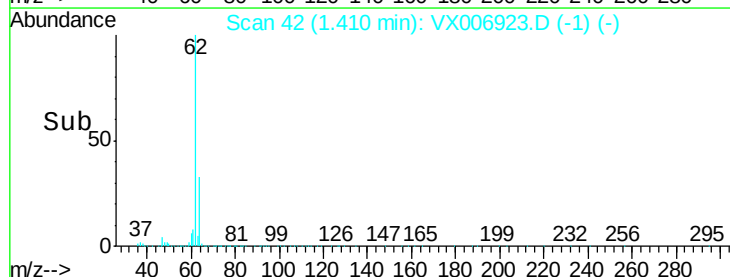
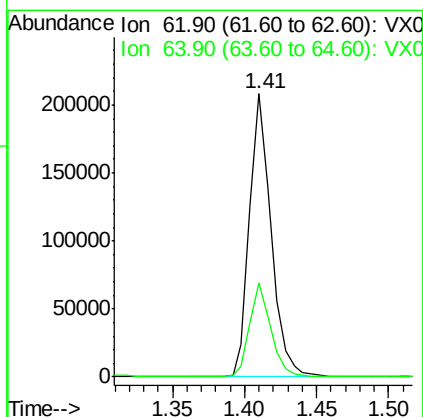
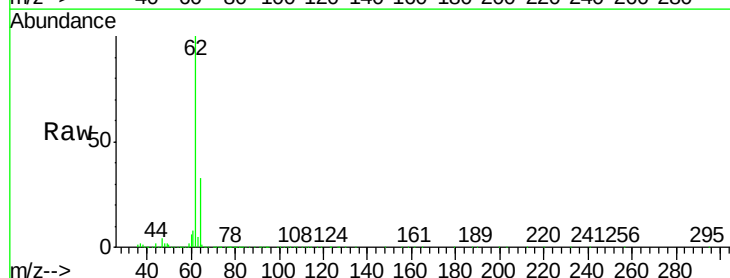
Acq: 04 Jan 2019 19:38

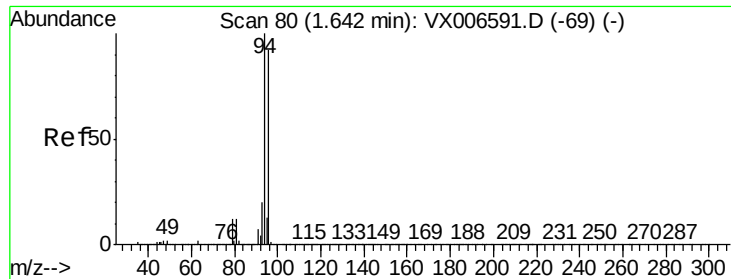
Tgt Ion: 62 Resp: 215080

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 43.245 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 210839

Ion Ratio Lower Upper

94 100

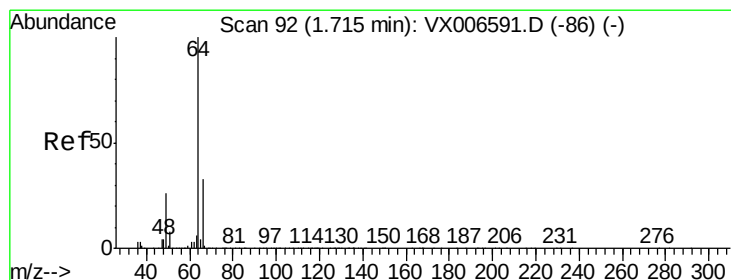
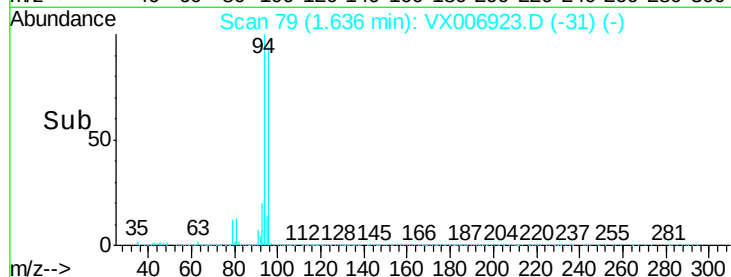
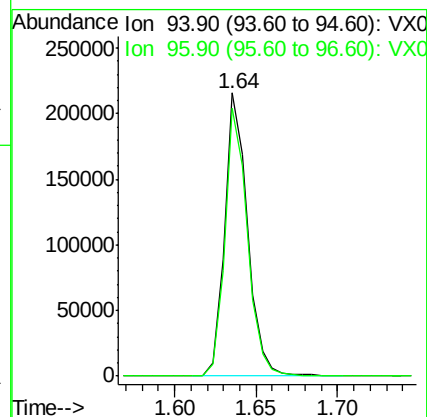
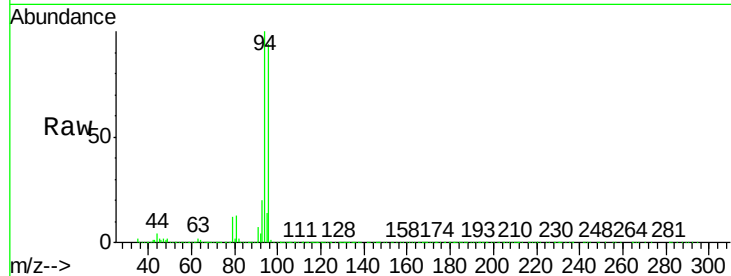
96 94.5 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 43.001 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006923.D

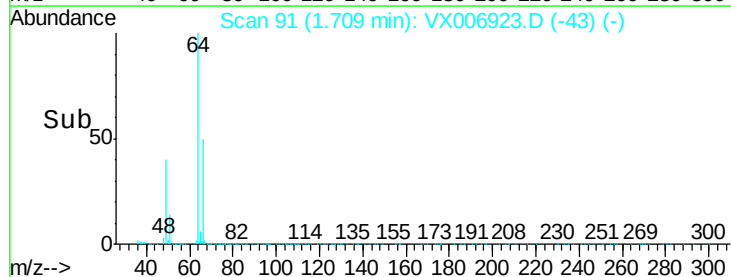
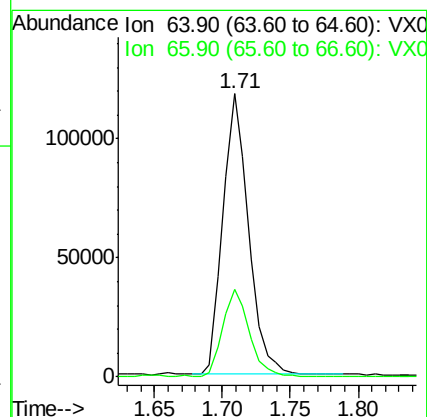
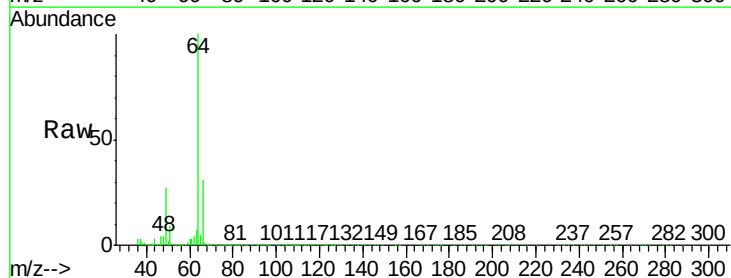
Acq: 04 Jan 2019 19:38

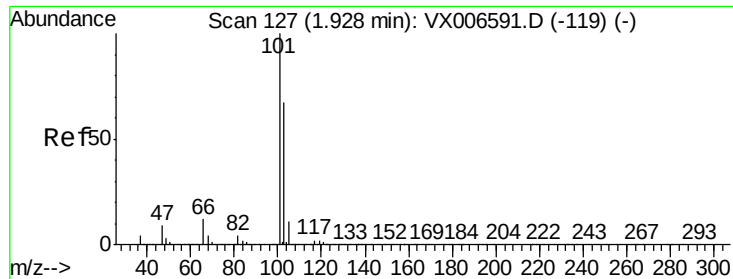
Tgt Ion: 64 Resp: 154632

Ion Ratio Lower Upper

64 100

66 31.2 26.4 39.6





#7

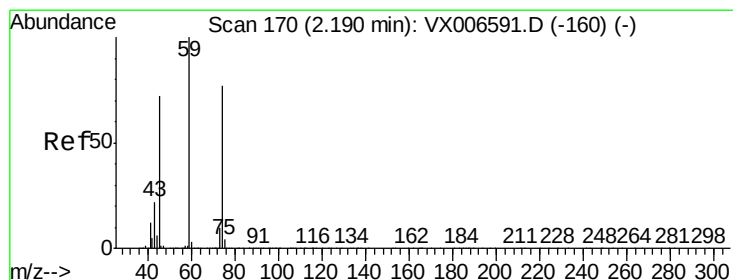
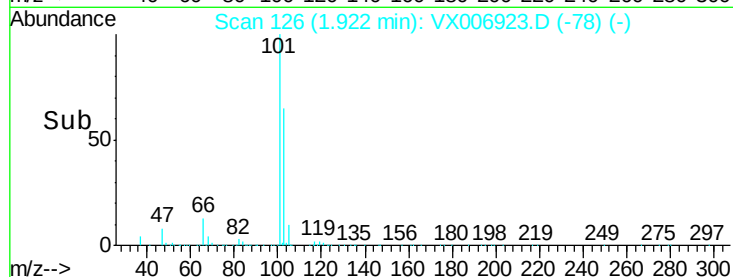
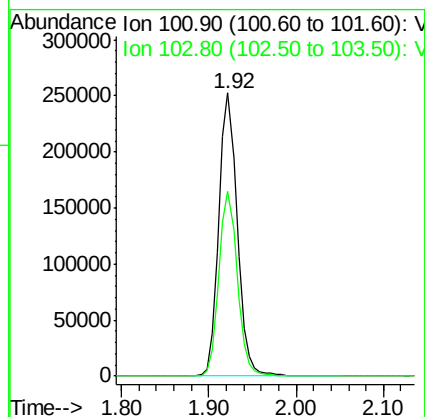
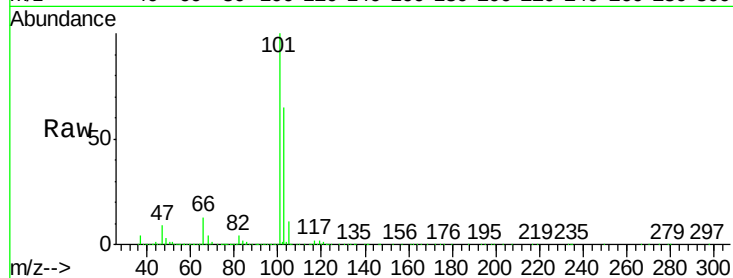
Trichlorofluoromethane
Concen: 45.490 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	53.2	79.8

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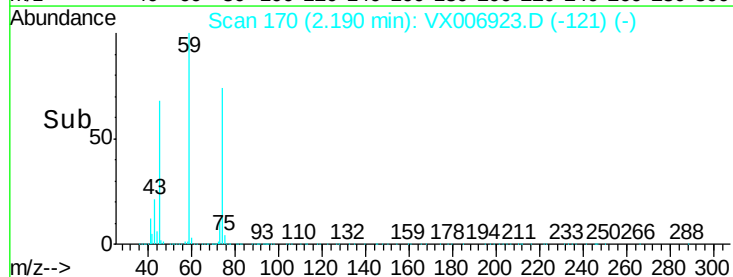
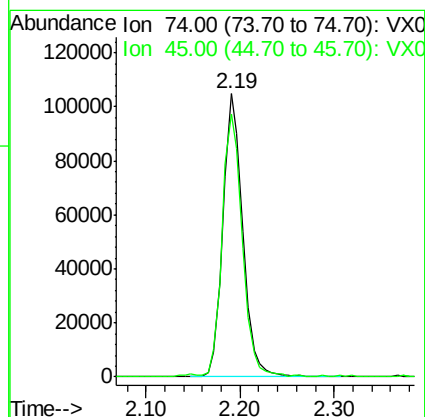
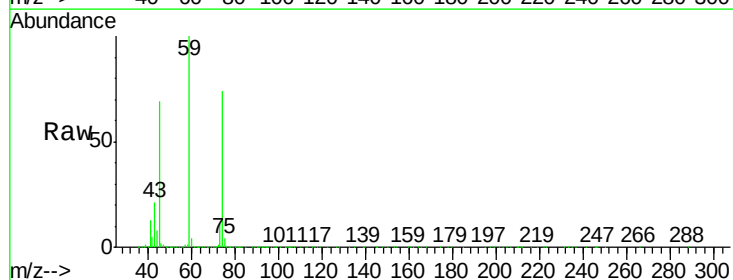
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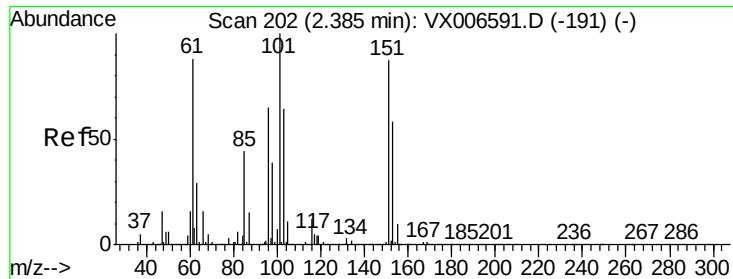


#8

Diethyl Ether
Concen: 47.592 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.5	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.901 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

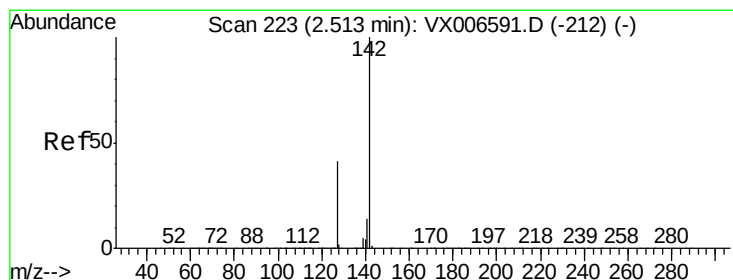
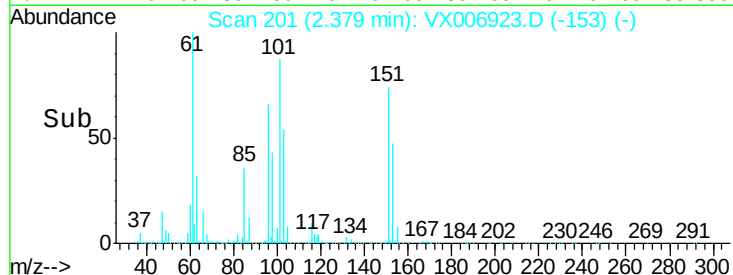
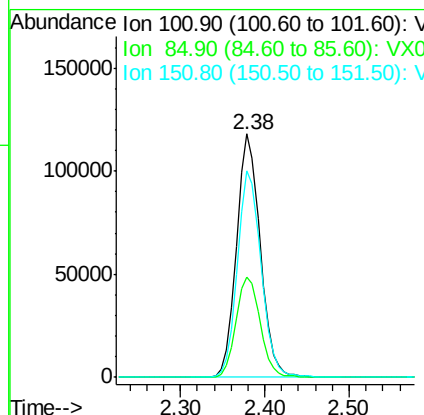
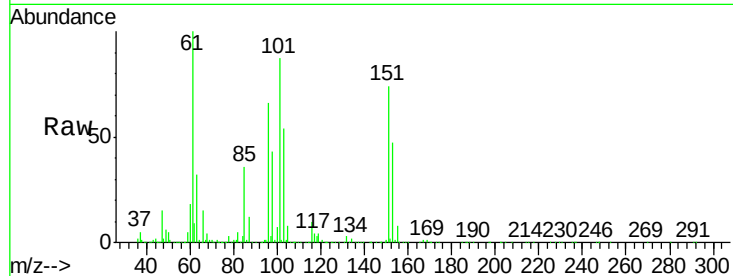
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	222975
Ion Ratio	Lower	Upper	
101	100		
85	42.1	35.1	52.7
151	85.4	68.9	103.3

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#10

Methyl Iodide

Concen: 46.537 ug/l

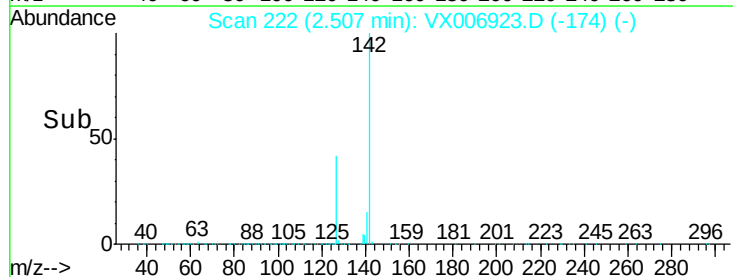
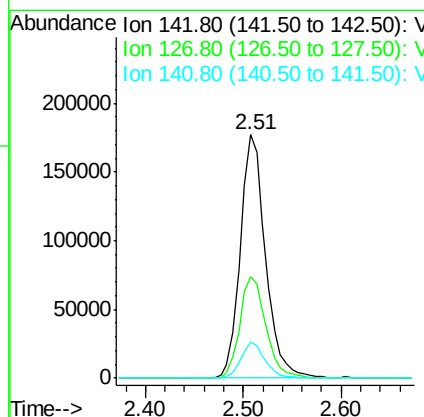
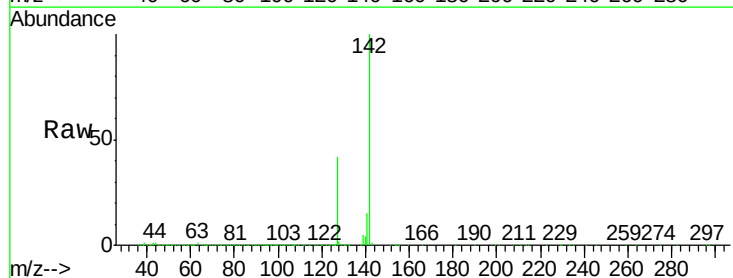
RT: 2.51 min Scan# 222

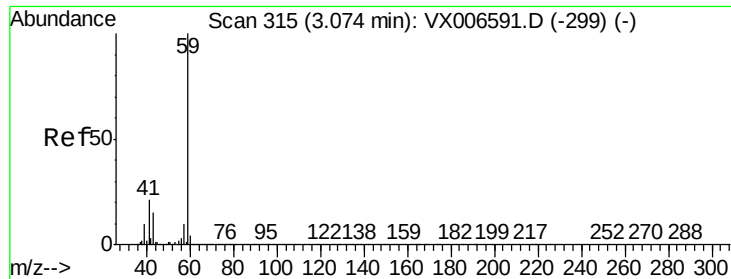
Delta R.T. -0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion:	142	Resp:	316699
Ion Ratio	Lower	Upper	
142	100		
127	43.1	33.9	50.9
141	14.3	11.4	17.0





#11

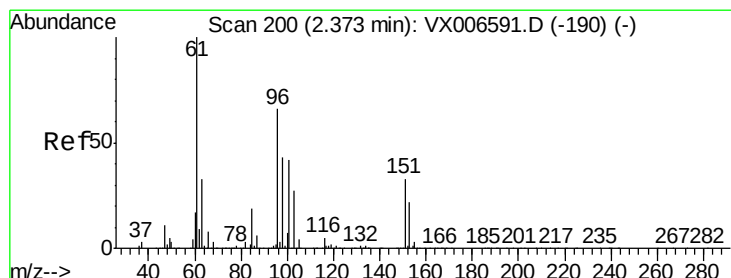
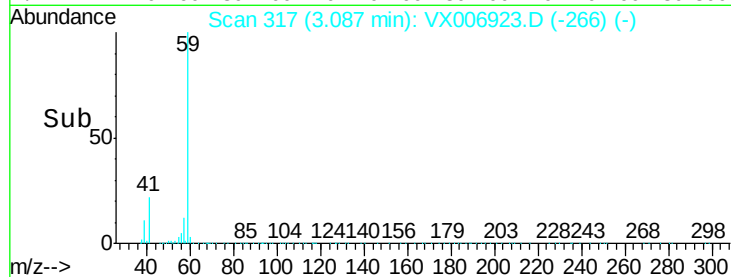
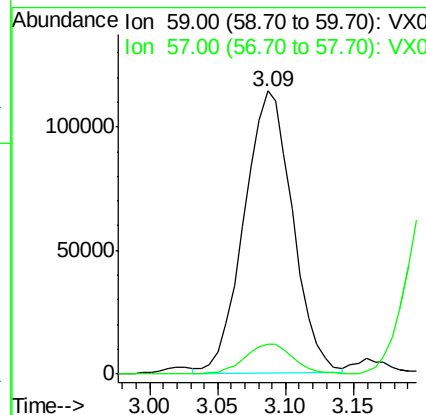
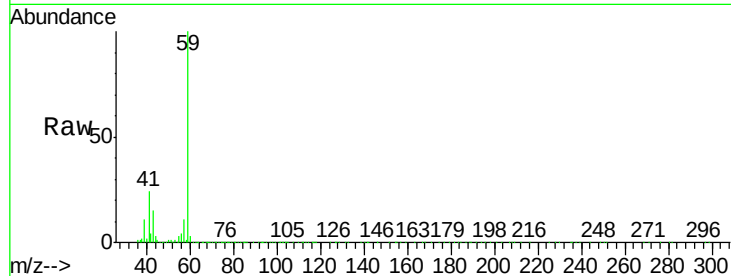
Tert butyl alcohol
Concen: 233.716 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

Manual Integrations
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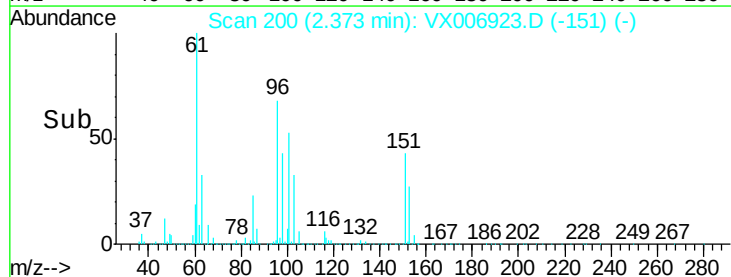
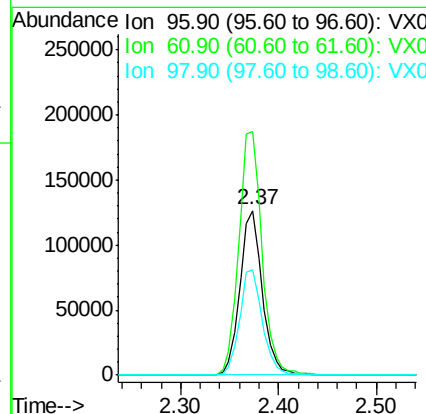
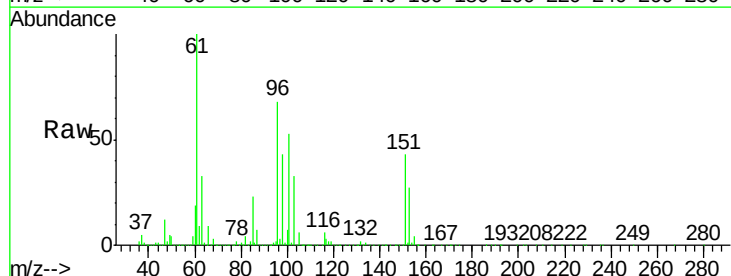
MMDadoda
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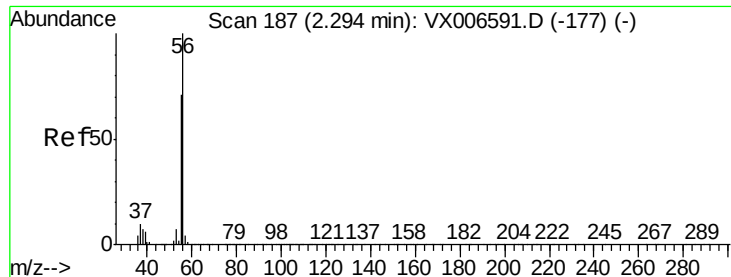


#12

1,1-Dichloroethene
Concen: 44.546 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.8	121.4	182.2
98	63.9	51.9	77.9





#13

Acrolein

Concen: 222.285 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 181974

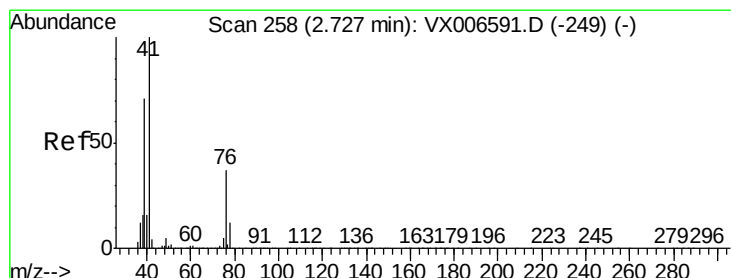
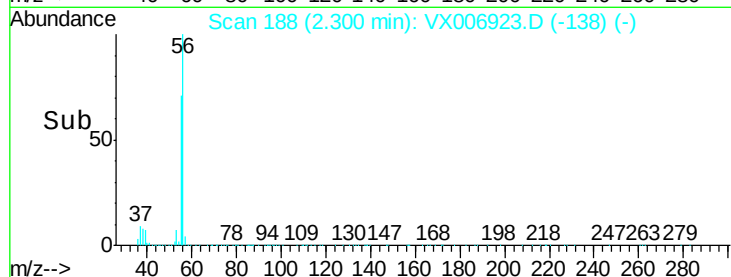
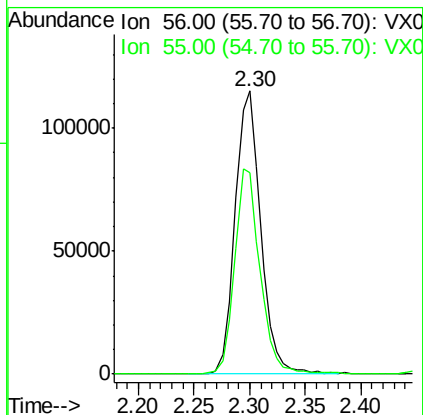
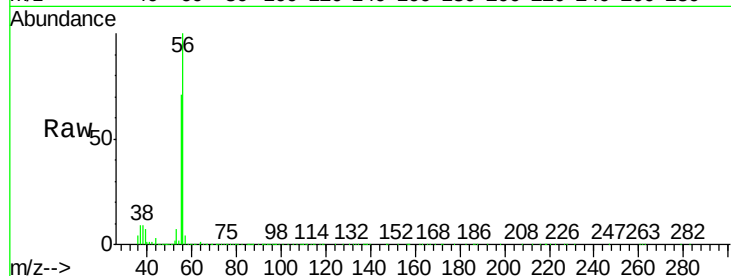
Ion Ratio Lower Upper

56 100

55 72.0 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 47.632 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

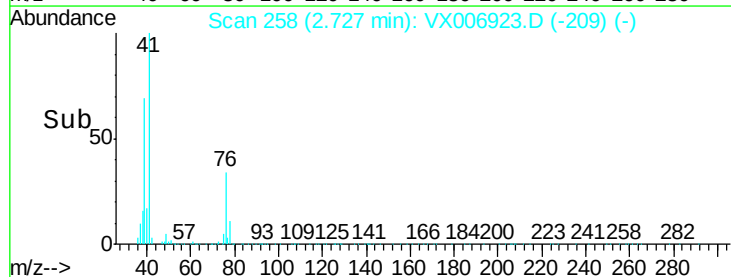
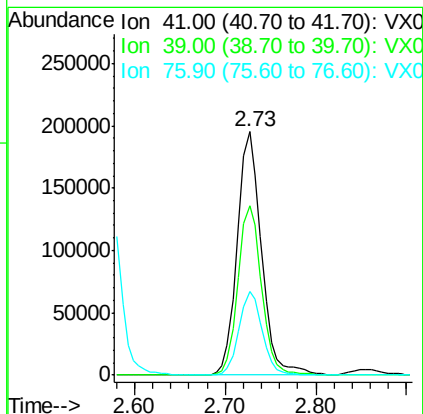
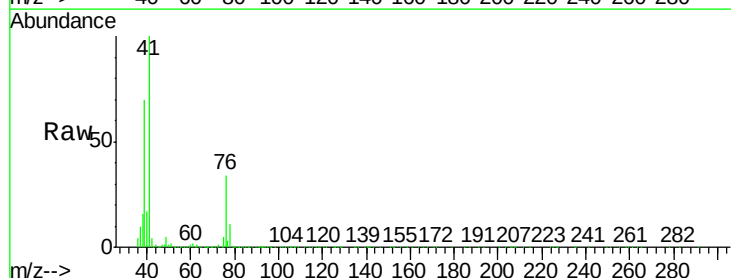
Tgt Ion: 41 Resp: 361422

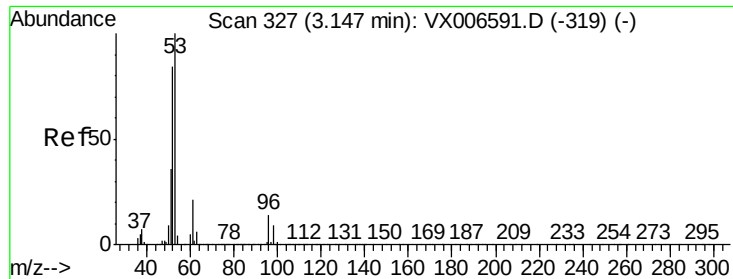
Ion Ratio Lower Upper

41 100

39 67.8 53.6 80.4

76 32.8 27.4 41.2





#15

Acrylonitrile

Concen: 258.388 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

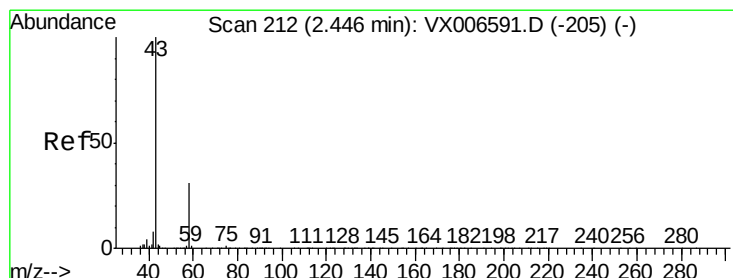
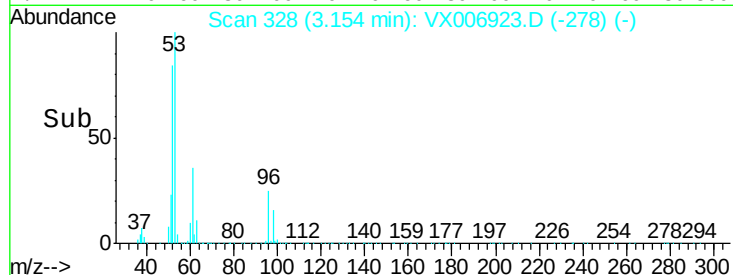
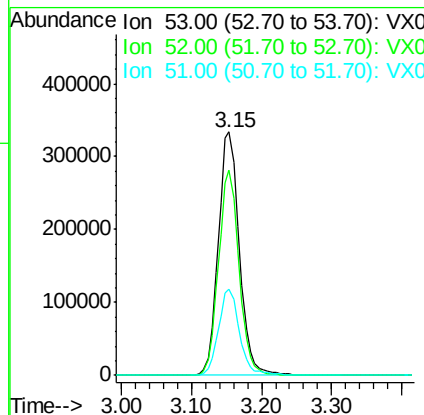
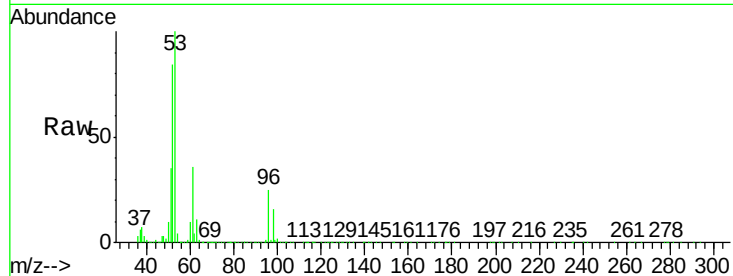
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	696202
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.0	99.0
51	35.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 228.461 ug/l

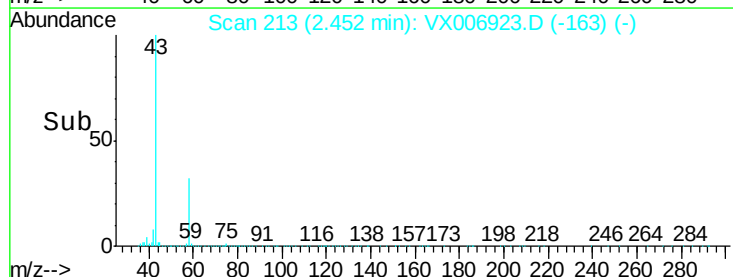
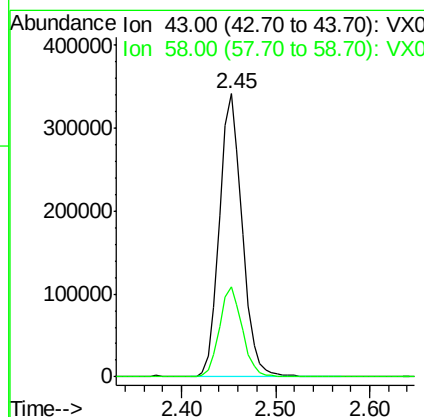
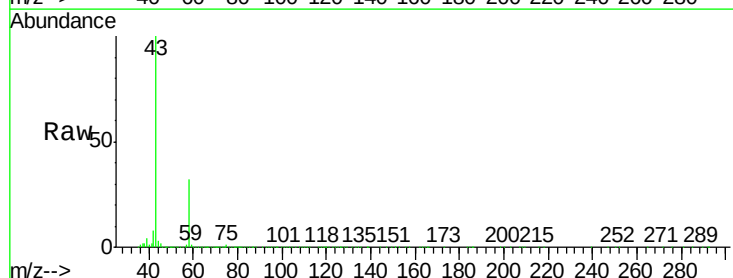
RT: 2.45 min Scan# 213

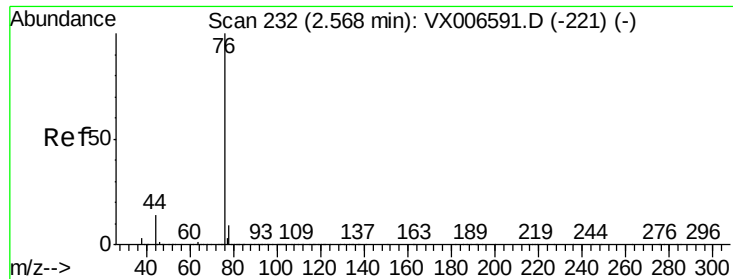
Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion:	43	Resp:	570744
Ion Ratio	Lower	Upper	
43	100		
58	32.0	25.0	37.6





#17

Carbon Disulfide

Concen: 33.915 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 404582

Ion Ratio Lower Upper

76 100

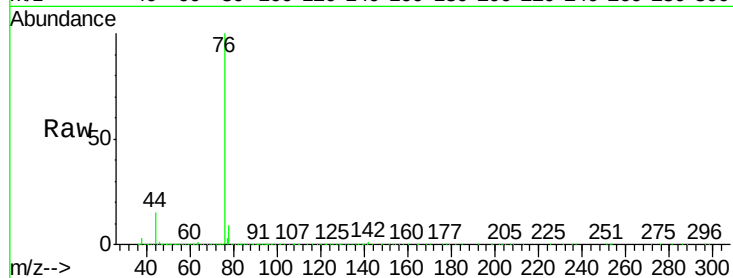
78 8.4 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

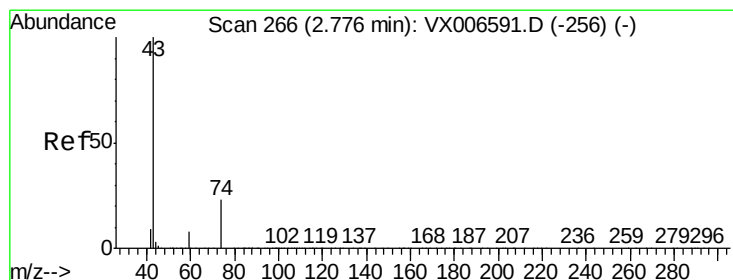
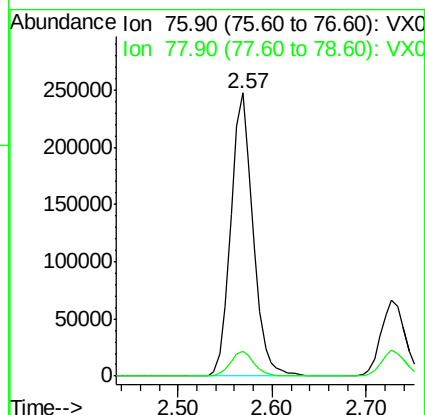
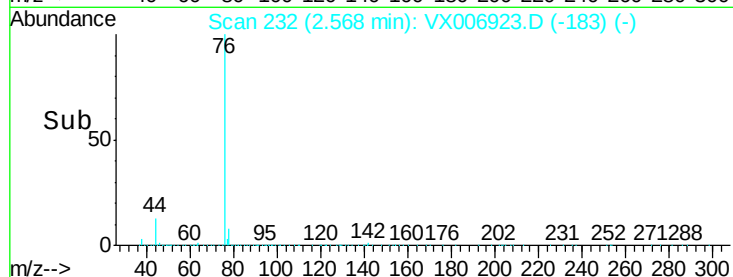
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 57.507 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006923.D

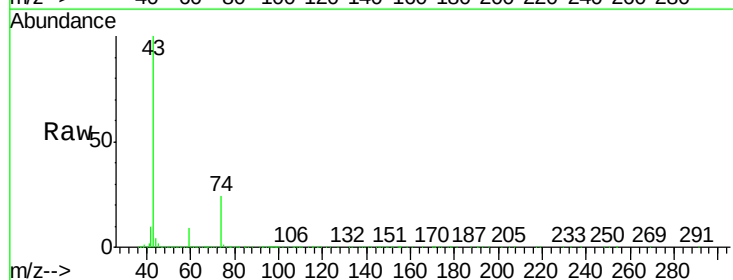
Acq: 04 Jan 2019 19:38

Tgt Ion: 43 Resp: 422440

Ion Ratio Lower Upper

43 100

74 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

250000

200000

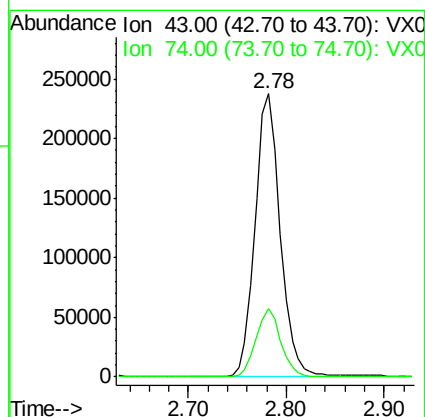
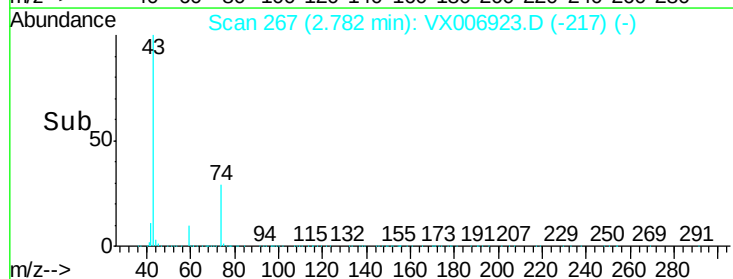
150000

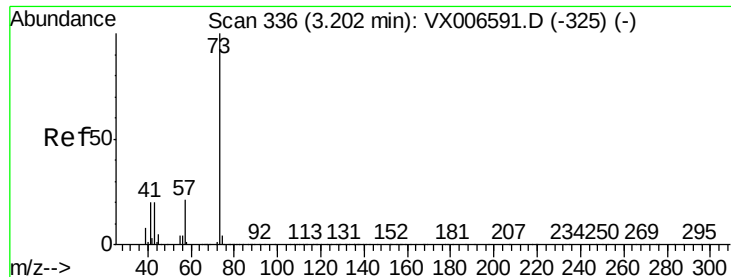
100000

50000

0

Time-->





#19

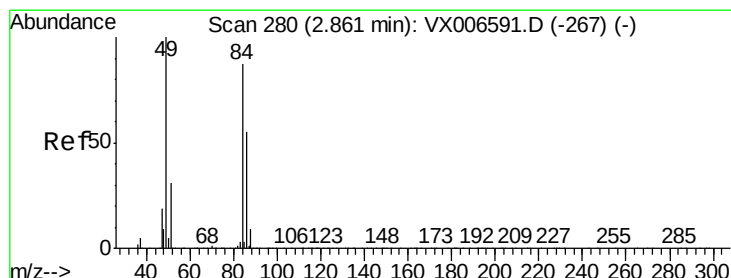
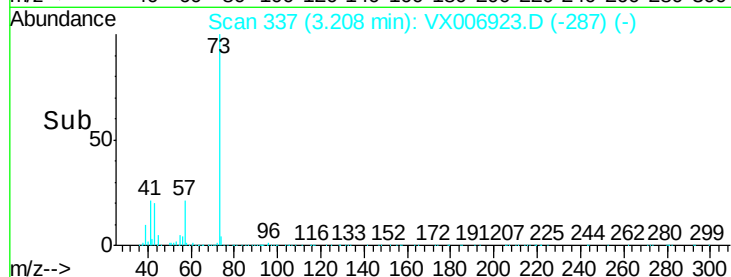
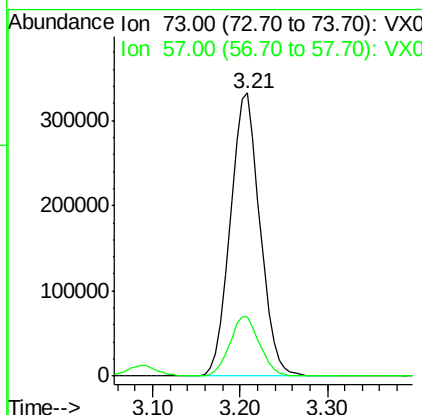
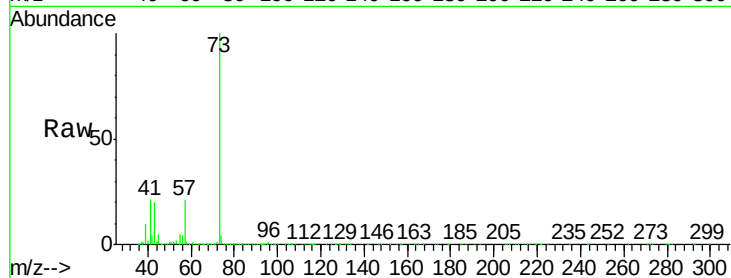
Methyl tert-butyl Ether
 Concen: 52.111 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.8	25.2

Manual Integrations
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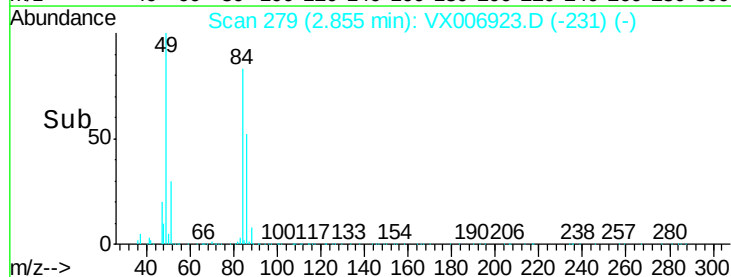
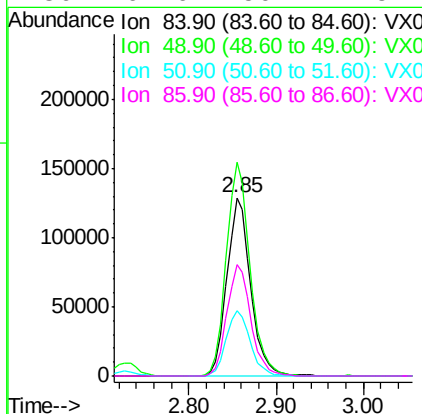
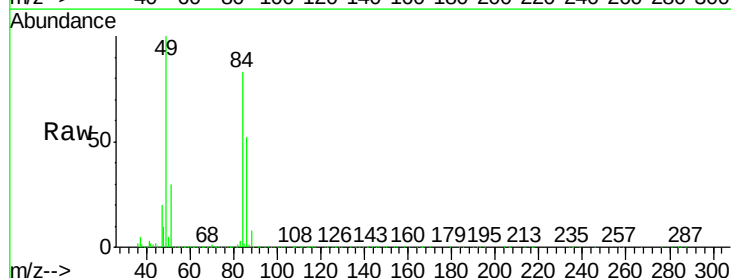
MMDadoda
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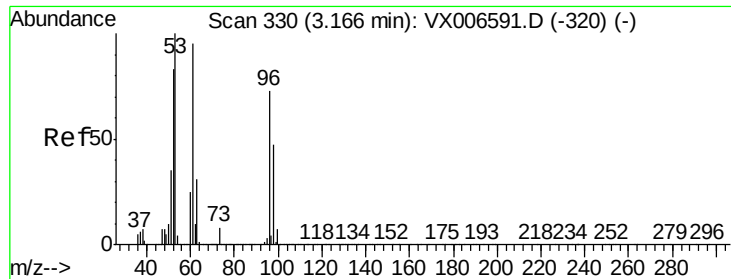


#20

Methylene Chloride
 Concen: 46.751 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	91.8	137.6
51	36.5	28.5	42.7
86	62.6	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 43.595 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

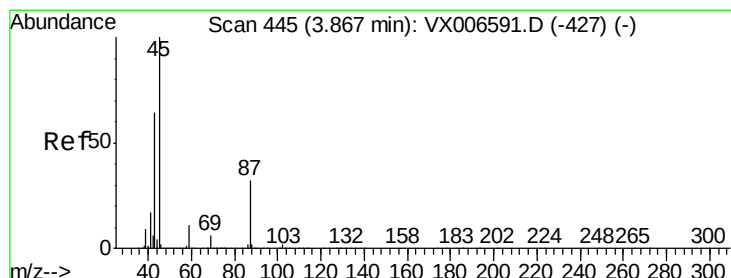
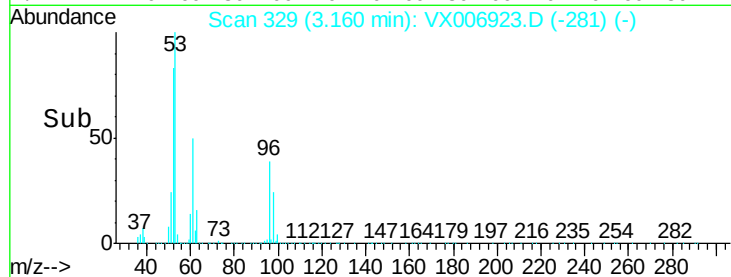
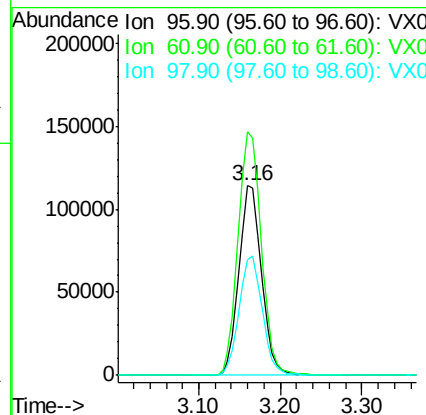
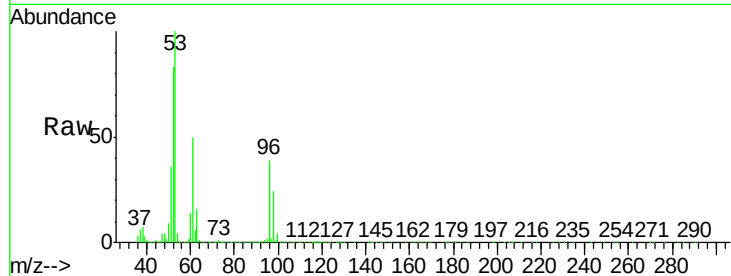
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	217743
Ion	Ratio	Lower	Upper
96	100		
61	128.2	103.7	155.5
98	61.3	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.639 ug/l

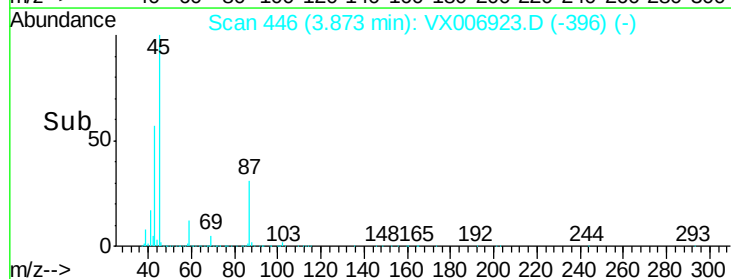
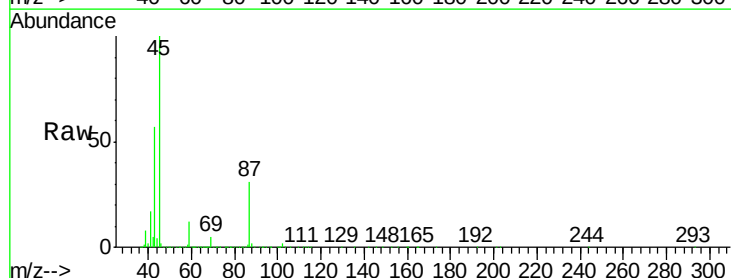
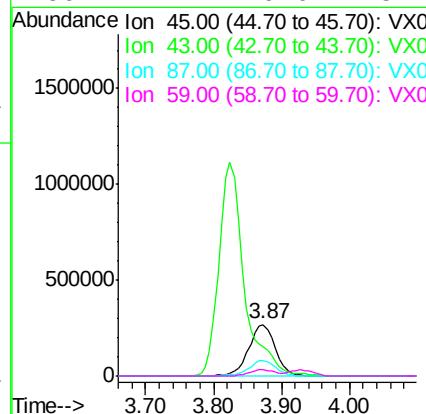
RT: 3.87 min Scan# 446

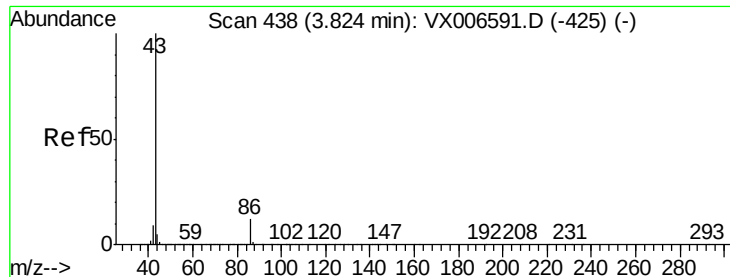
Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion:	45	Resp:	730704
Ion	Ratio	Lower	Upper
45	100		
43	56.8	51.2	76.8
87	30.8	25.8	38.6
59	11.7	9.0	13.4





#23

Vinyl Acetate

Concen: 256.140 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2908337

Ion Ratio Lower Upper

43 100

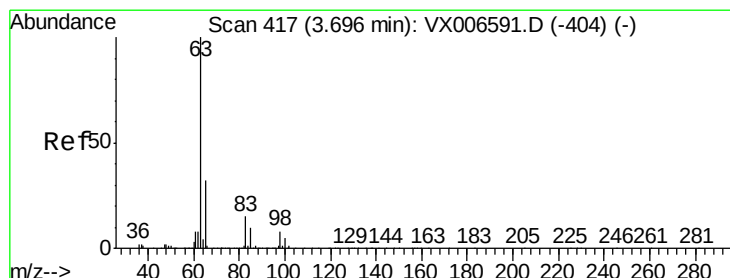
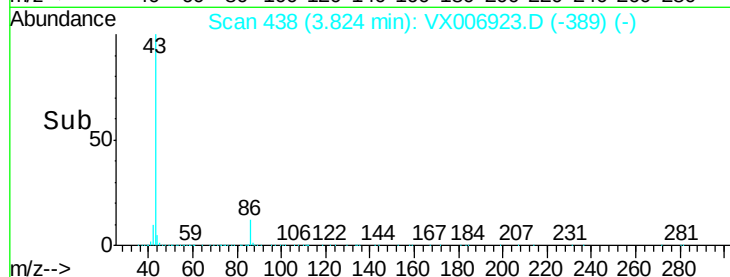
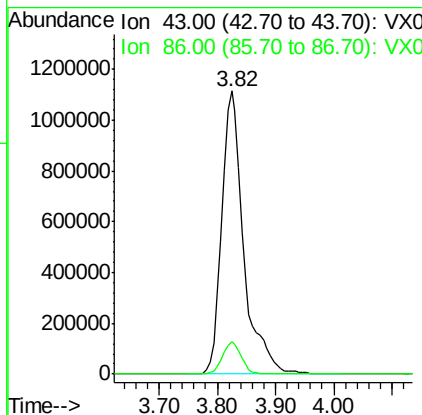
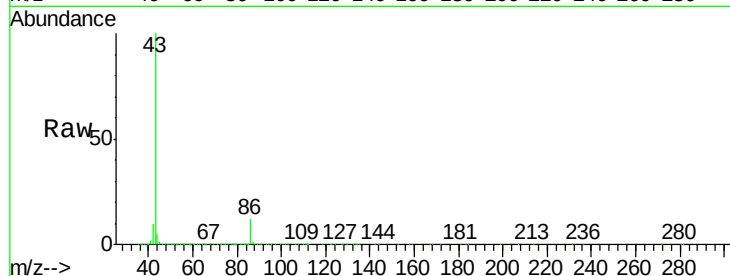
86 11.7 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.879 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

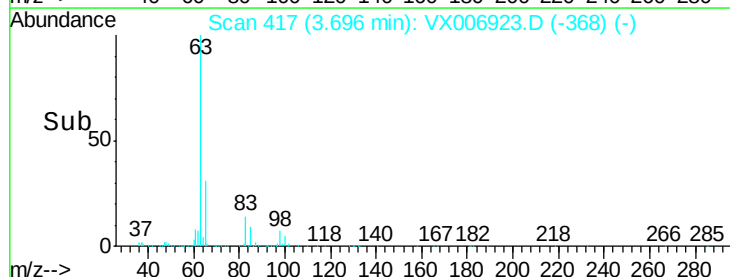
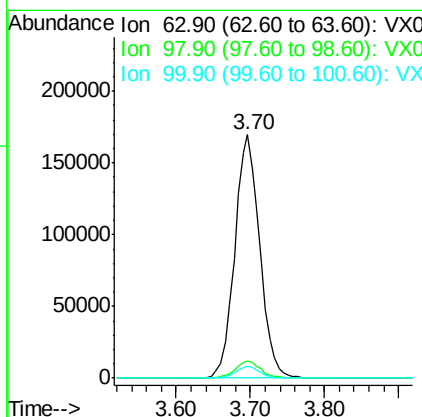
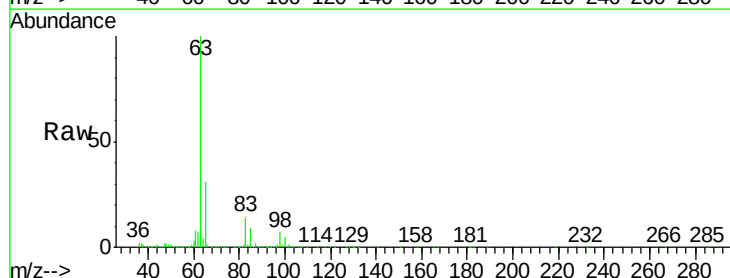
Tgt Ion: 63 Resp: 396748

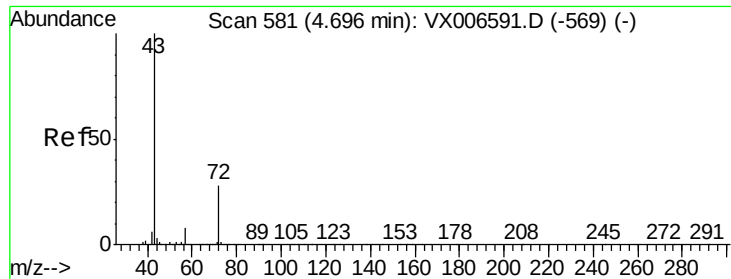
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 245.547 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tot Ion: 43 Resp: 862862

Ion Ratio Lower Upper

43 100

72 27.0 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

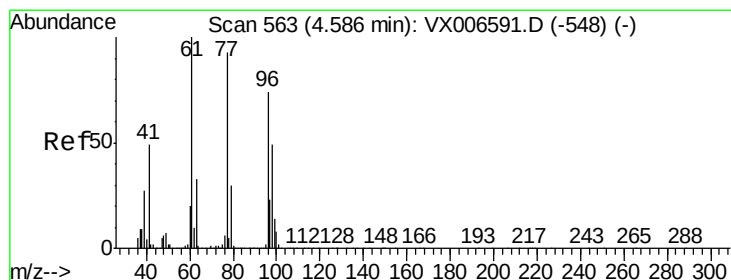
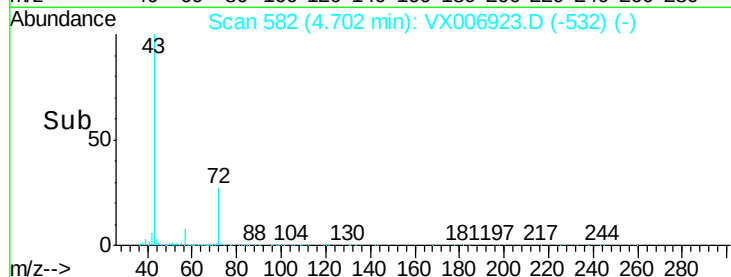
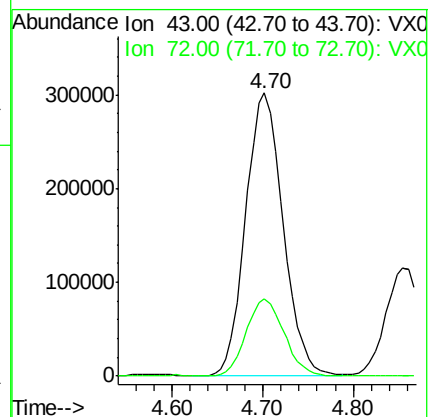
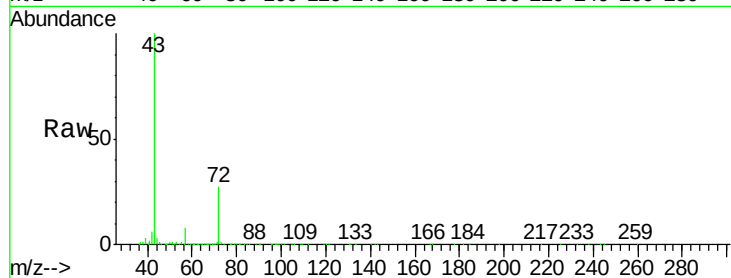
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.331 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006923.D

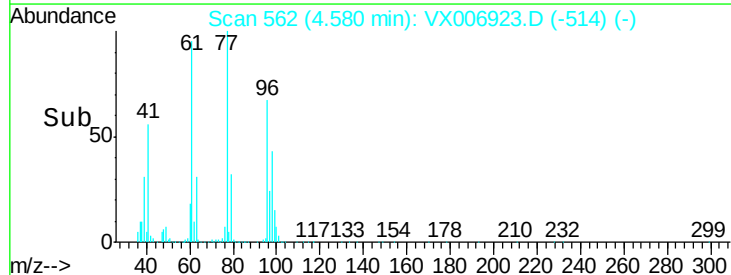
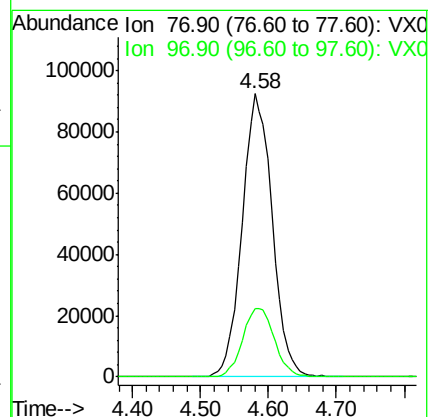
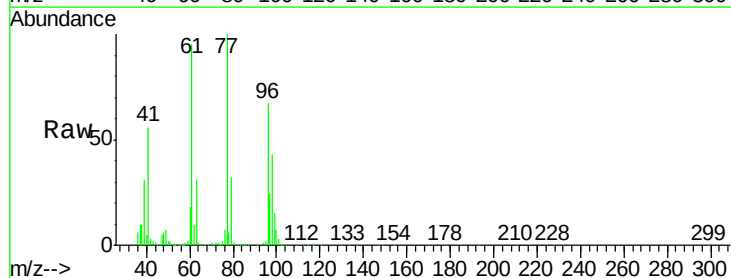
Acq: 04 Jan 2019 19:38

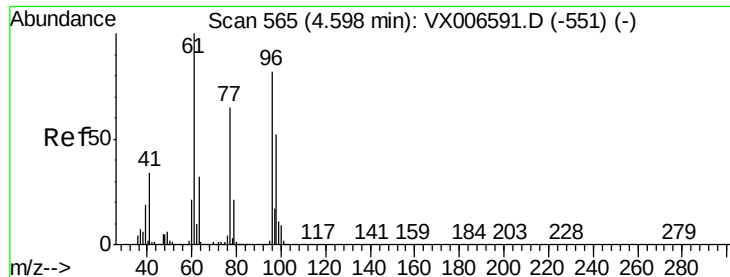
Tgt Ion: 77 Resp: 283762

Ion Ratio Lower Upper

77 100

97 25.6 12.4 37.4





#27

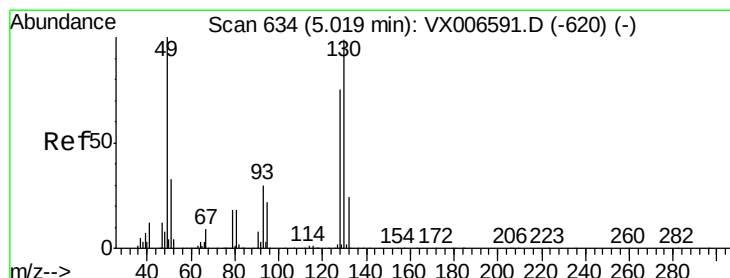
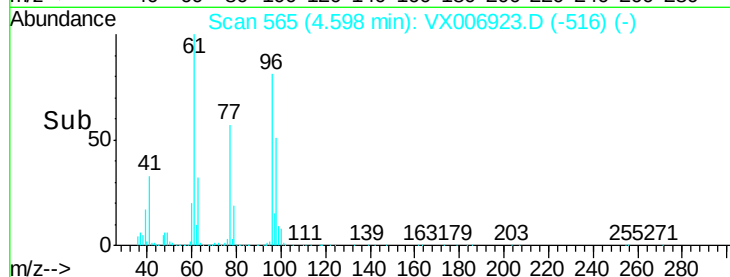
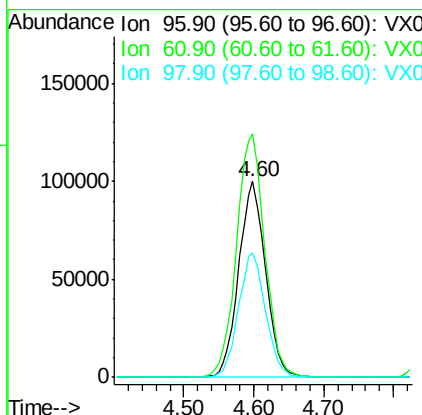
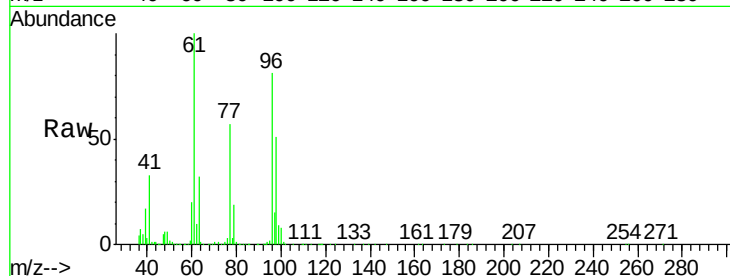
cis-1,2-Dichloroethene
Concen: 48.483 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	258.6
98	63.8	0.0	132.0

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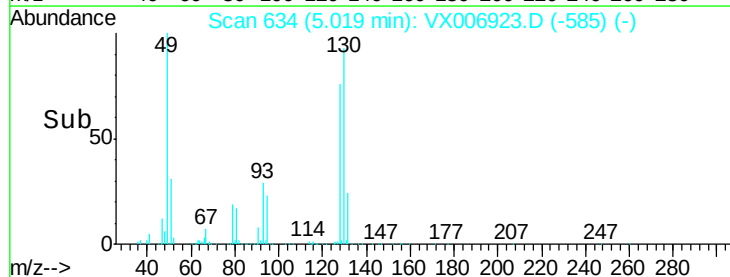
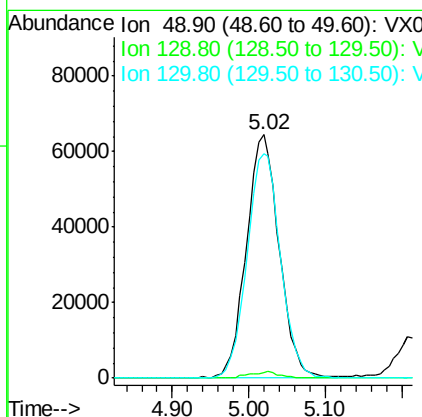
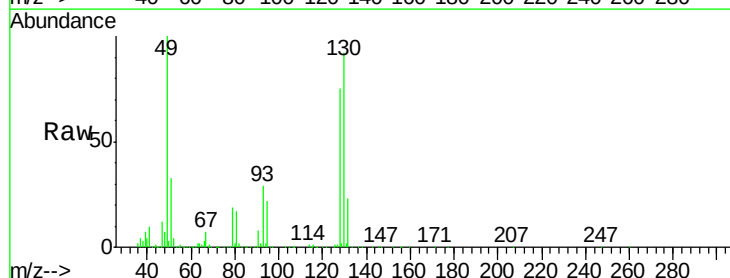
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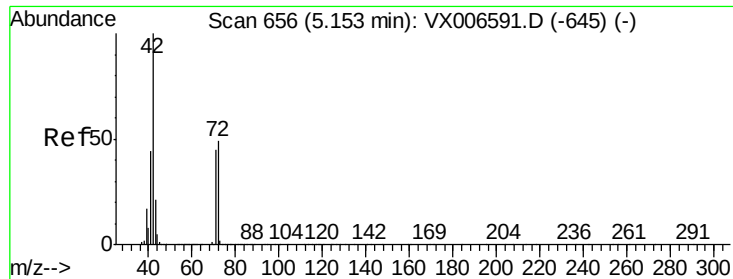


#28

Bromochloromethane
Concen: 55.140 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.4
130	94.4	77.7	116.5





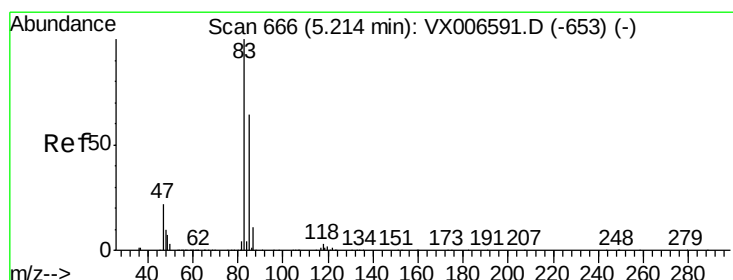
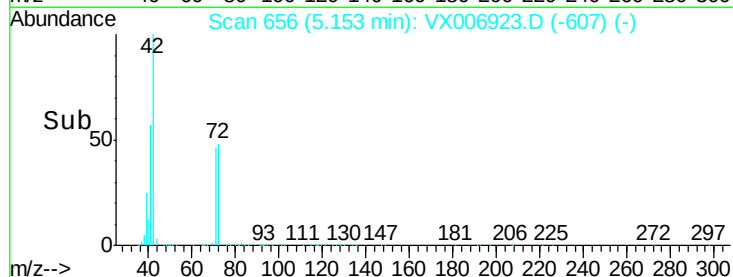
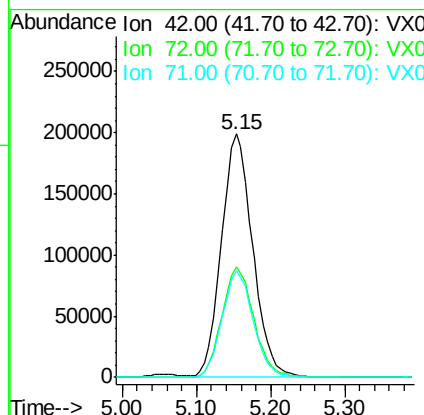
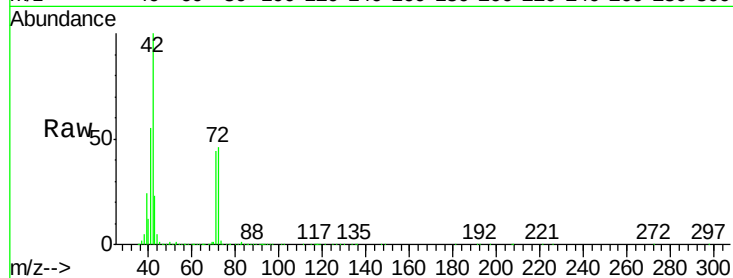
#29
Tetrahydrofuran
Concen: 250.418 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	38.9	58.3
71	43.9	36.2	54.4

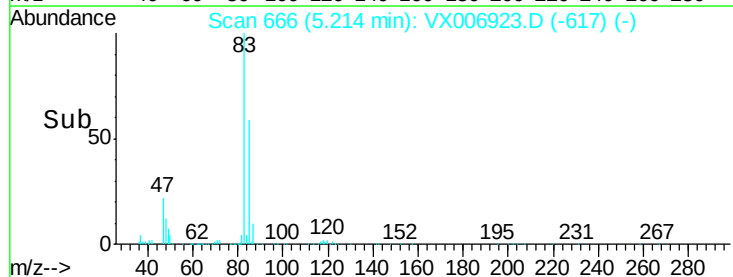
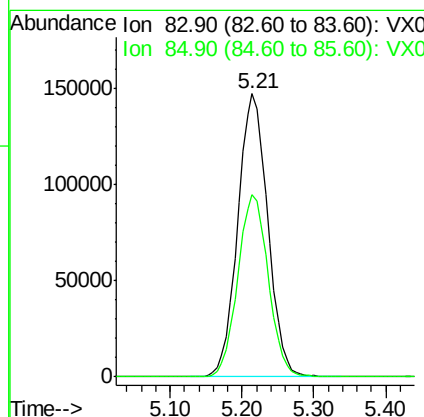
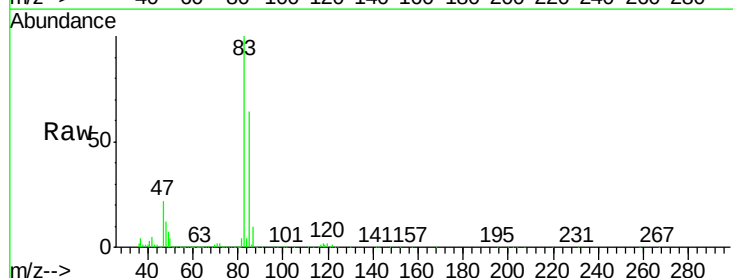
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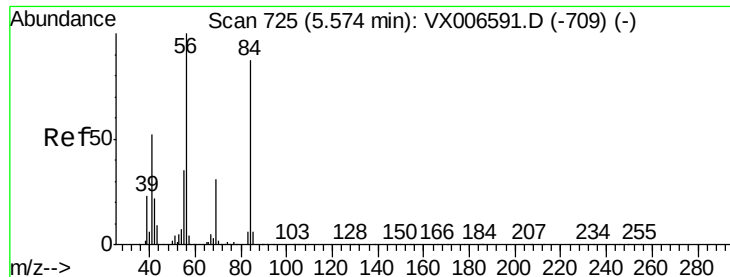
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#30
Chloroform
Concen: 49.670 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.2	76.8





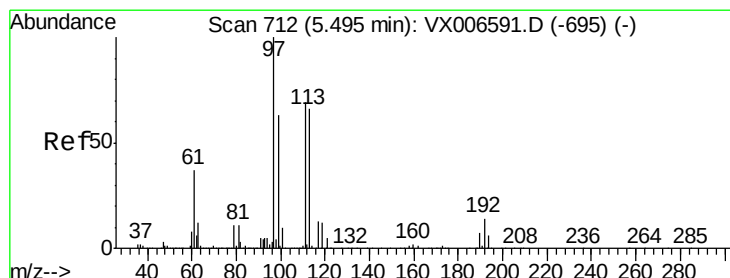
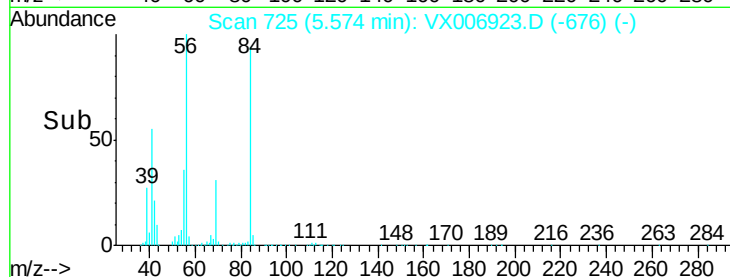
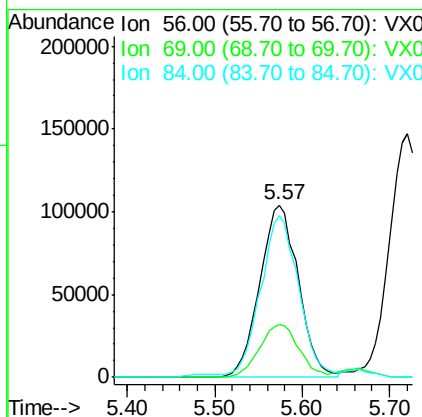
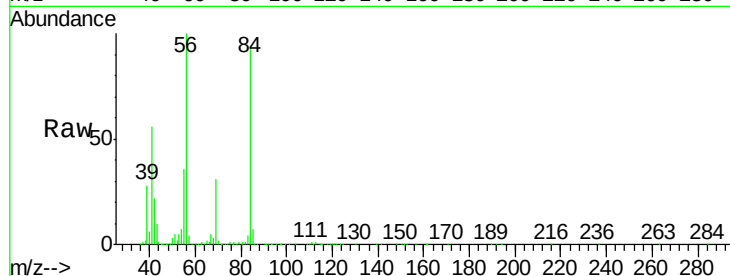
#31
Cyclohexane
Concen: 42.234 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.4	36.6
84	93.0	70.0	105.0

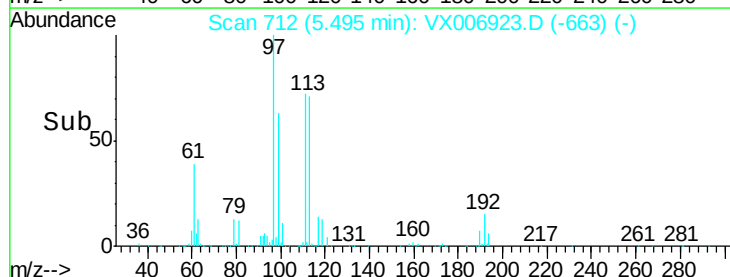
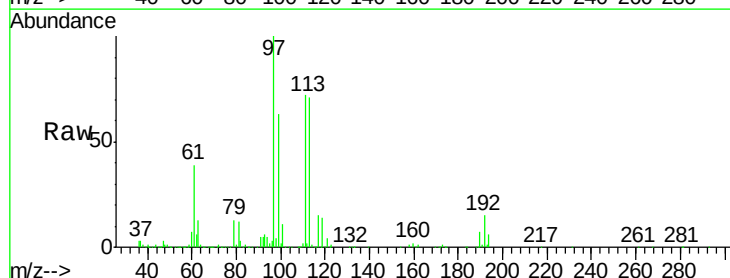
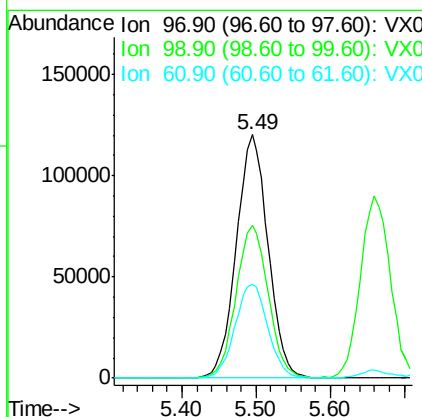
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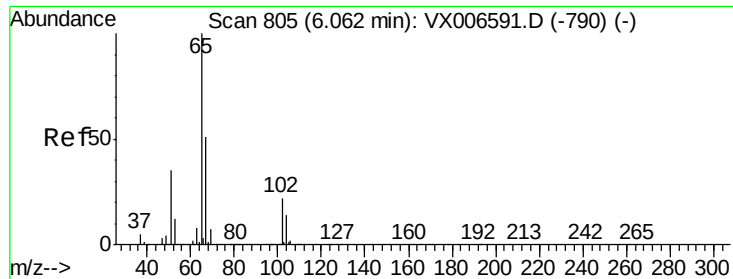
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#32
1,1,1-Trichloroethane
Concen: 49.652 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.7	77.5
61	40.2	31.3	46.9





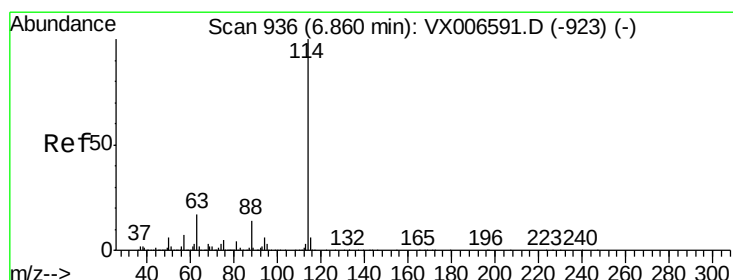
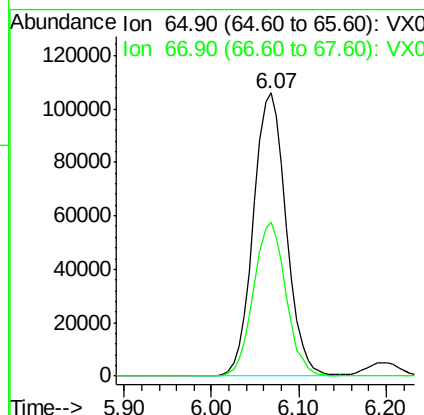
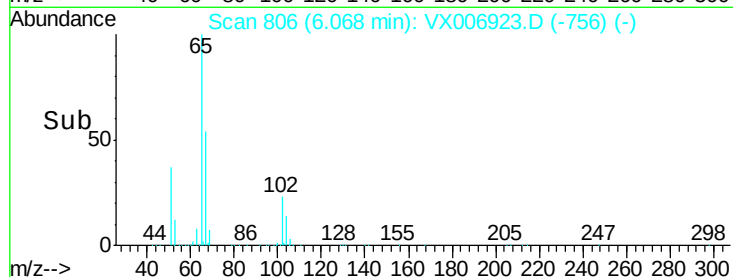
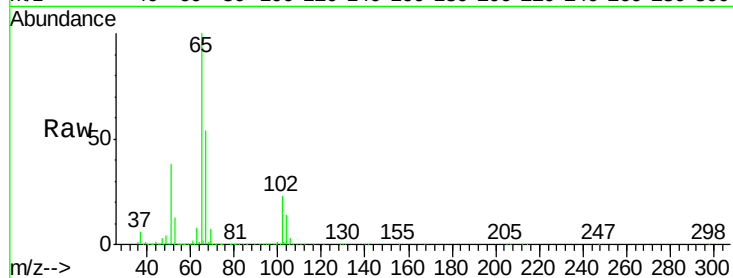
#33
 1,2-Dichloroethane-d4
 Concen: 50.766 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	276045		
67	53.7	0.0	105.0	

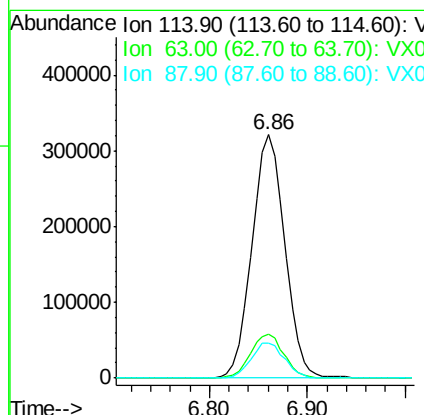
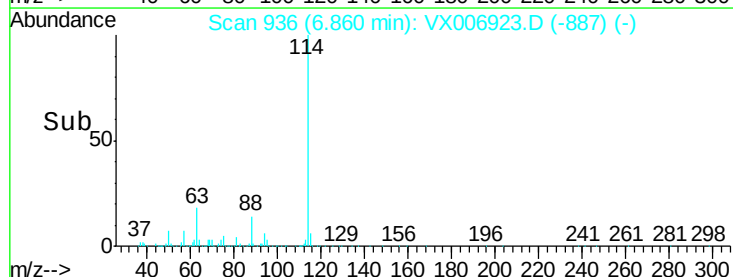
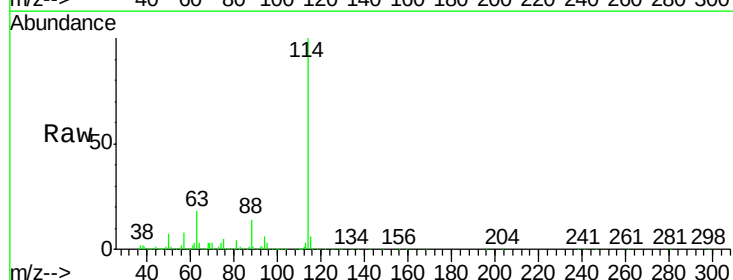
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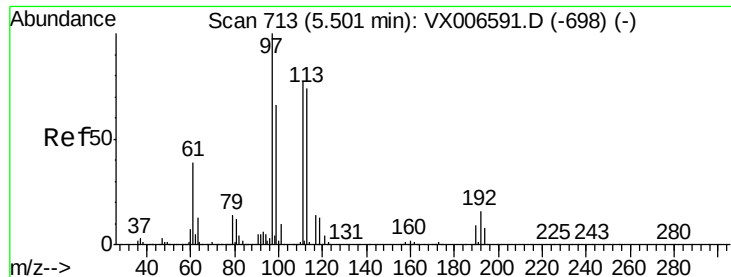
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	750129		
63	18.1	0.0	34.8	
88	14.2	0.0	28.8	





#35

Dibromofluoromethane

Concen: 53.083 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

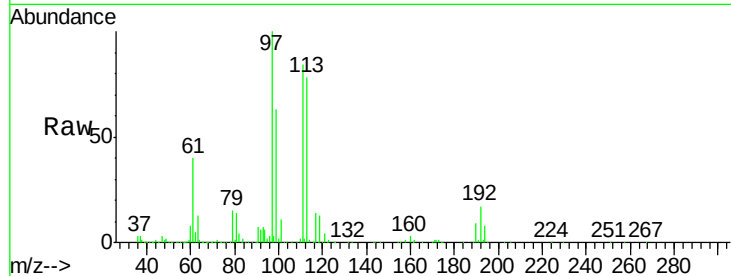
ClientSampleId :

VSTDCCC050EC

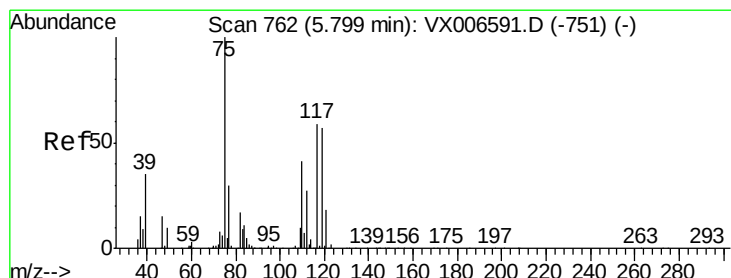
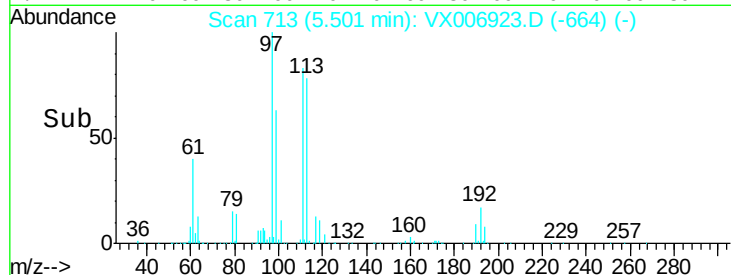
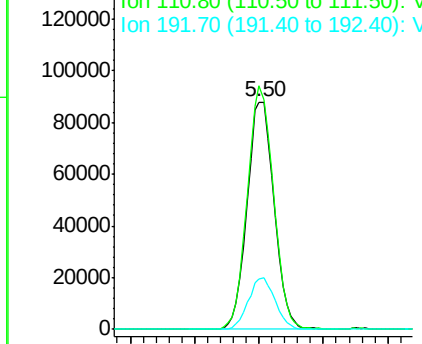
Tot Ion:	113	Resp:	251810
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.6	122.4
192	22.6	16.7	25.1

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.082 ug/l

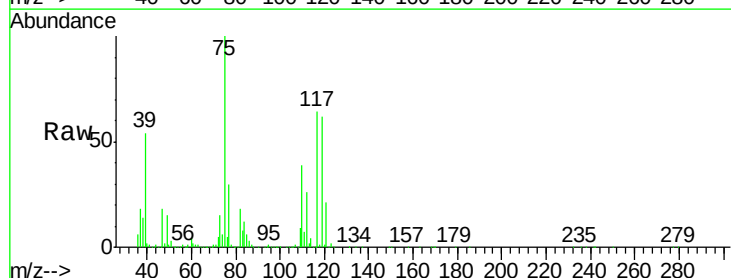
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

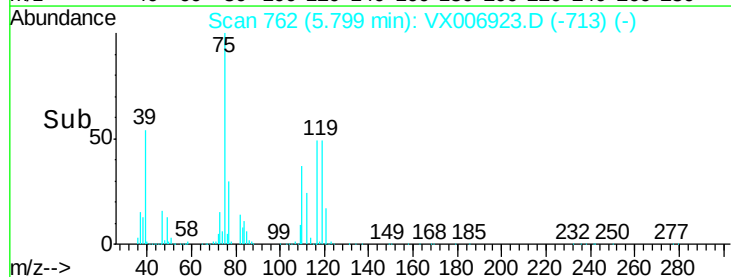
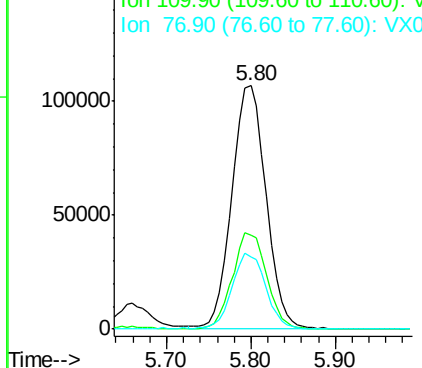
Lab File: VX006923.D

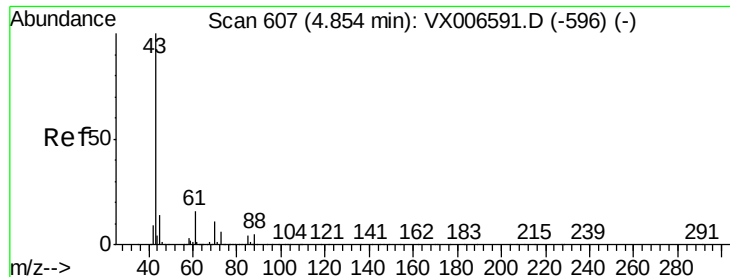
Acq: 04 Jan 2019 19:38

Tgt Ion:	75	Resp:	292510
Ion Ratio	Lower	Upper	
75	100		
110	39.9	20.2	60.5
77	30.6	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





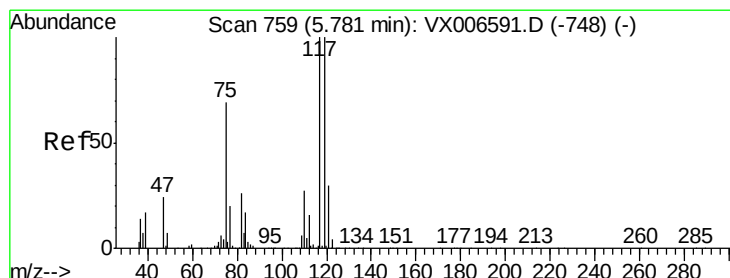
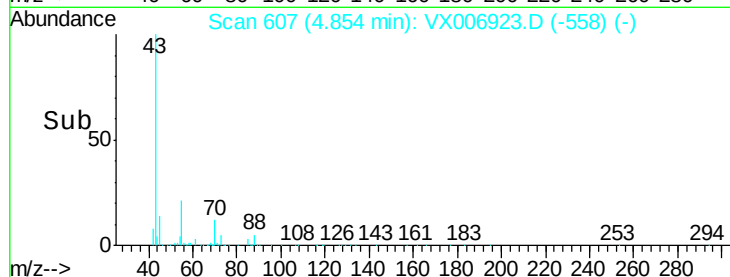
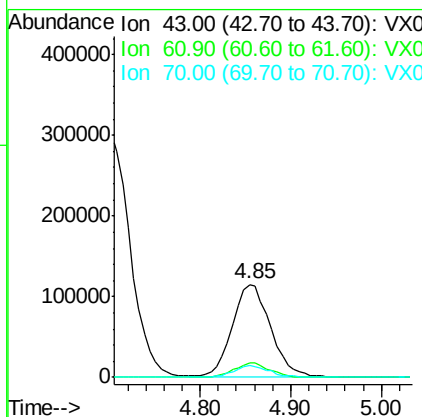
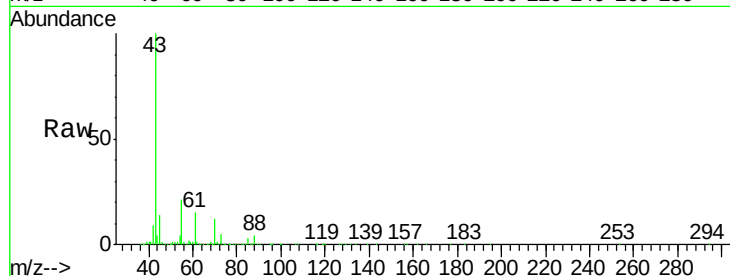
#37
Ethyl Acetate
Concen: 51.776 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	11.8	9.7	14.5

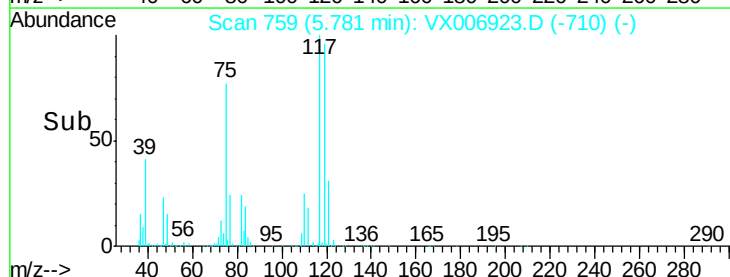
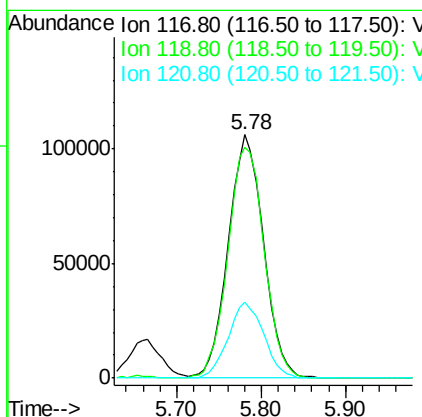
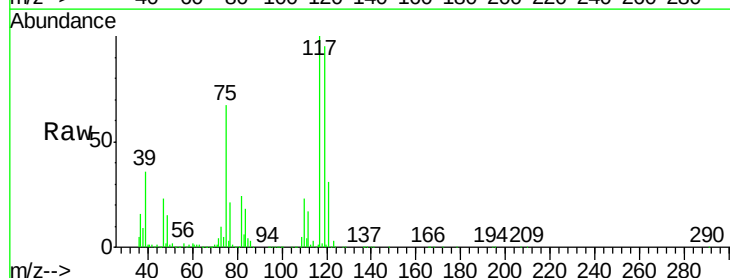
Manual Integrations
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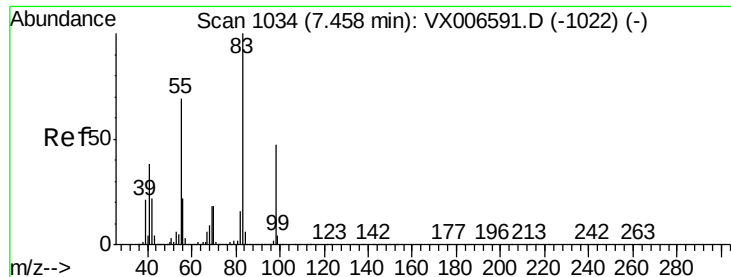
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#38
Carbon Tetrachloride
Concen: 49.927 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	79.4	119.2
121	31.2	24.0	36.0





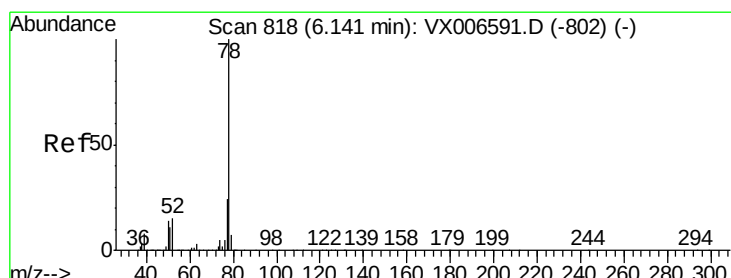
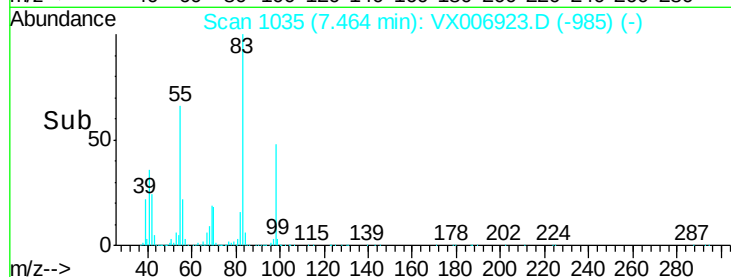
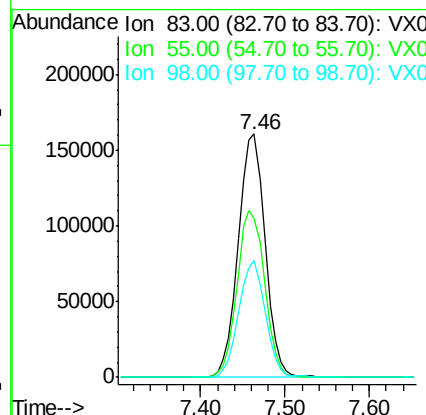
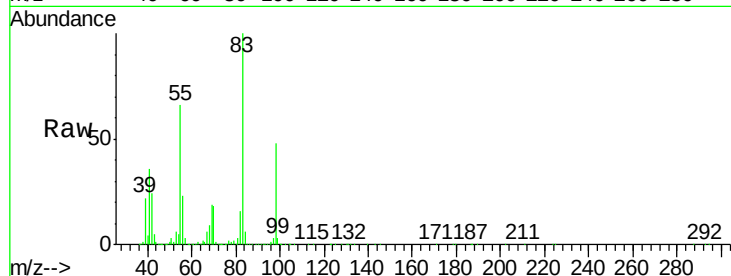
#39
Methylvlcyclohexane
Concen: 42.312 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.5	54.9	82.3
98	47.8	37.9	56.9

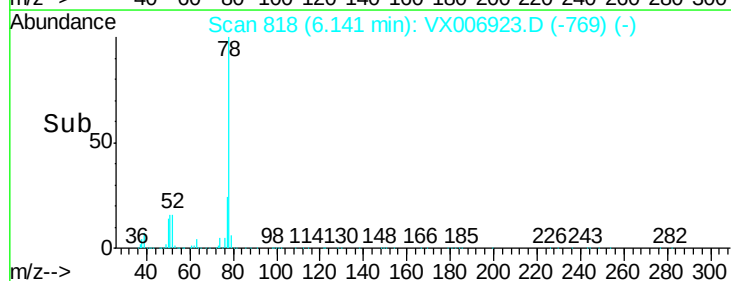
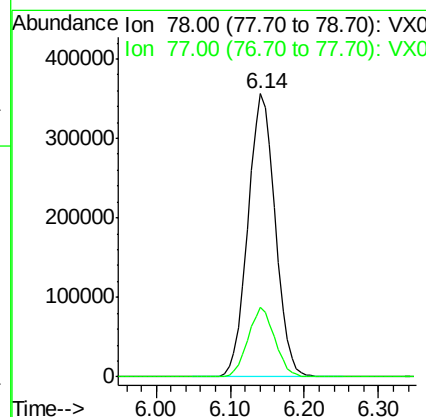
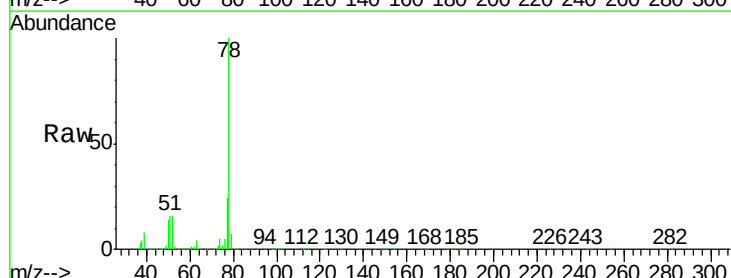
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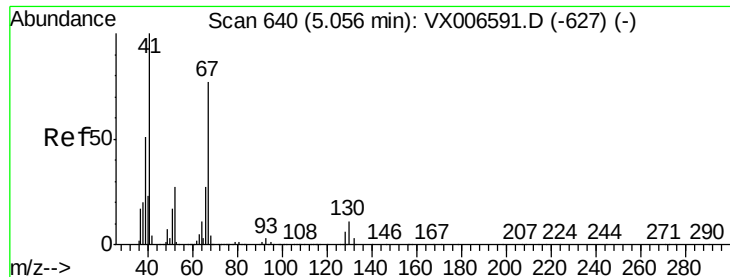
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#40
Benzene
Concen: 48.678 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





#41

Methacrylonitrile

Concen: 54.798 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

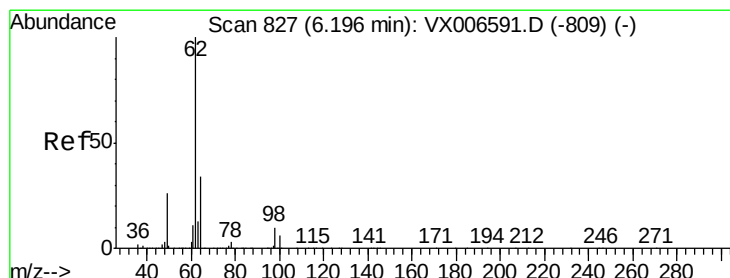
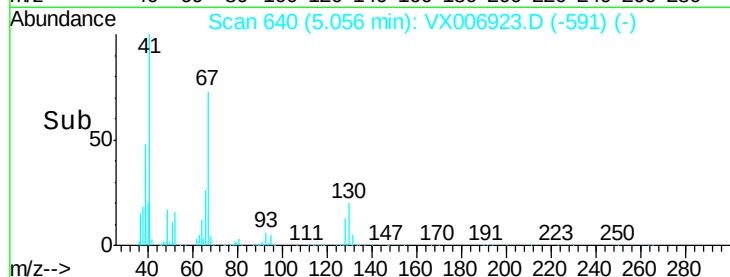
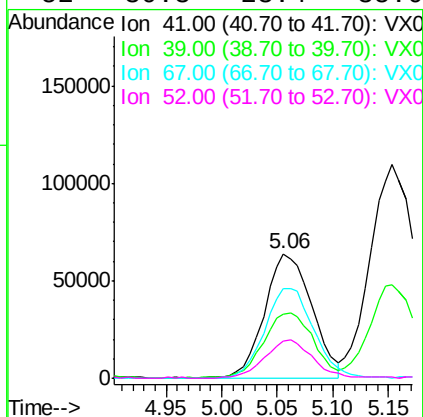
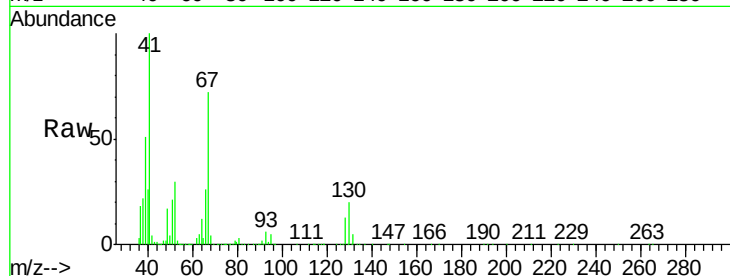
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		188128		
39	55.1	42.8	64.2		
67	75.9	62.1	93.1		
52	30.3	23.4	35.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.506 ug/l

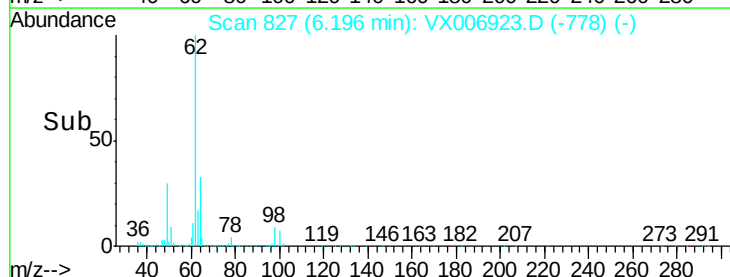
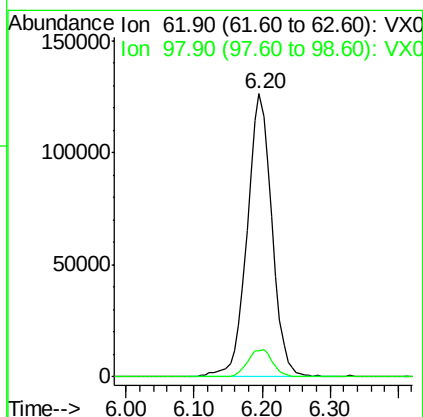
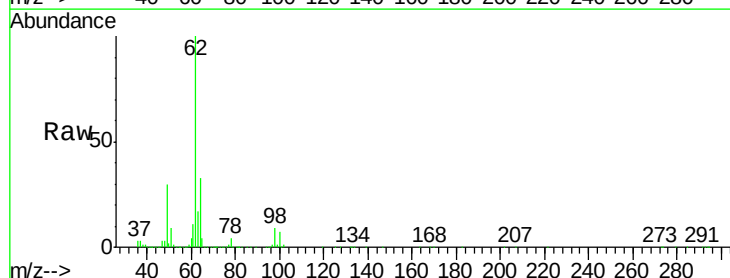
RT: 6.20 min Scan# 827

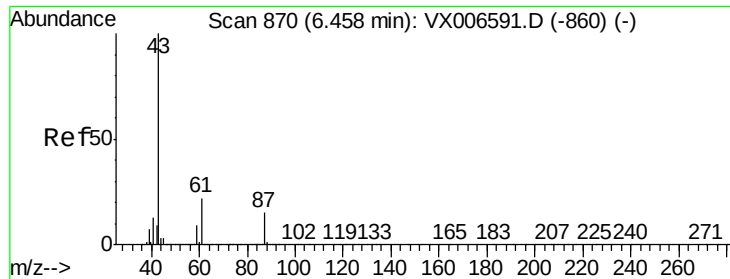
Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		318579		
98	10.1	0.0	20.2		





#43

Isopropyl Acetate

Concen: 55.826 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

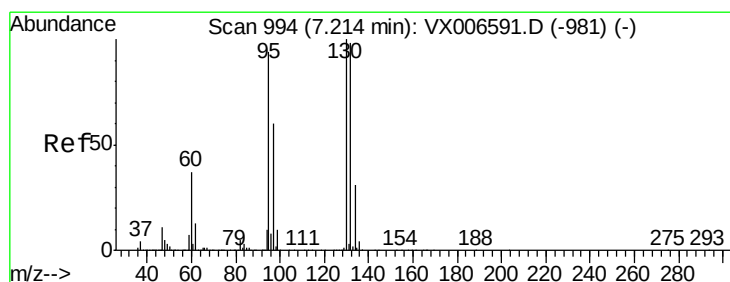
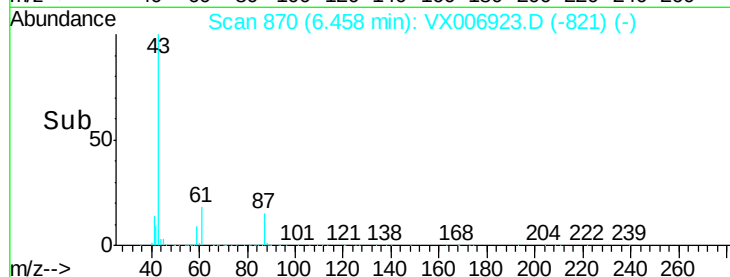
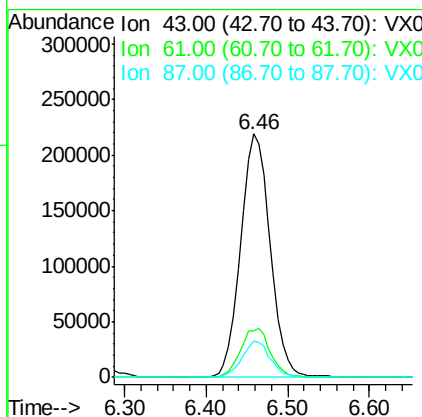
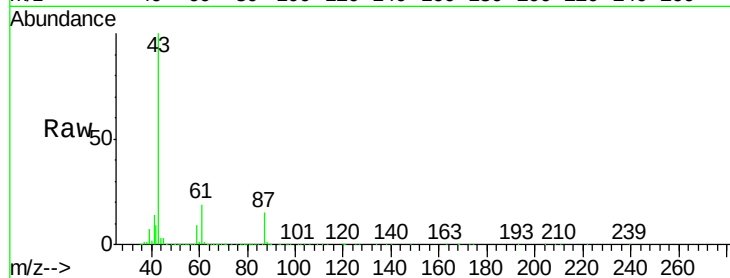
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	549264
Ion Ratio		Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.5	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 46.525 ug/l

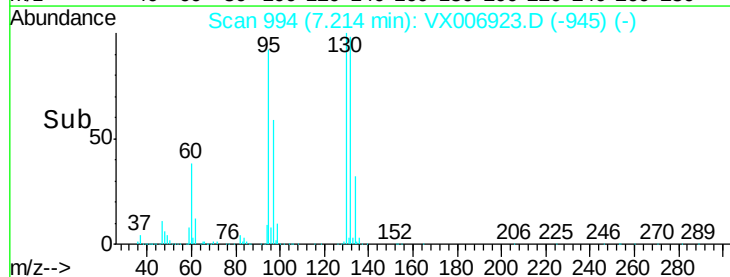
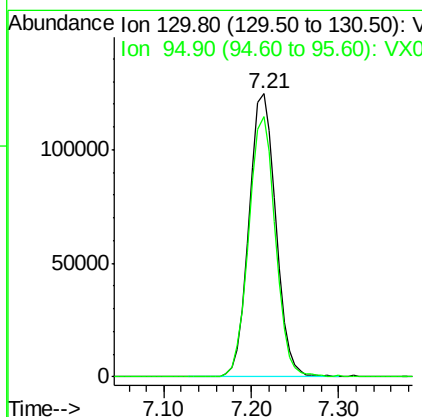
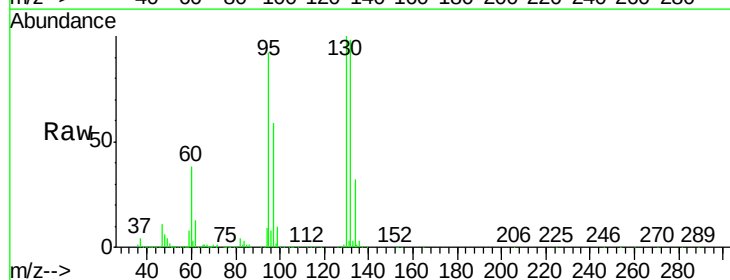
RT: 7.21 min Scan# 994

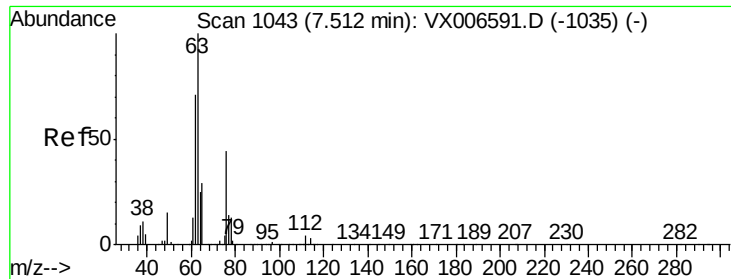
Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion:	130	Resp:	265929
Ion Ratio		Lower	Upper
130	100		
95	92.1	0.0	187.0





#45

1,2-Dichloropropane

Concen: 52.314 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 240415

Ion Ratio Lower Upper

63 100

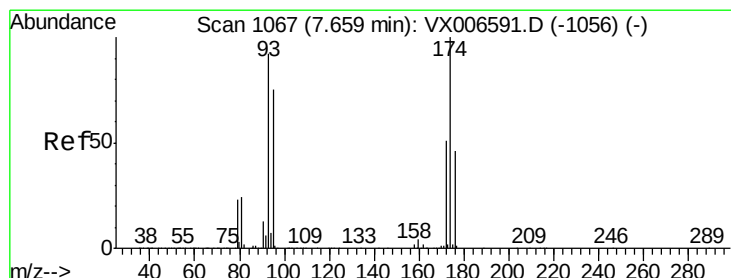
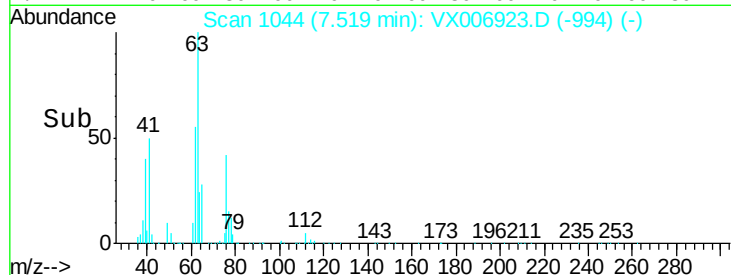
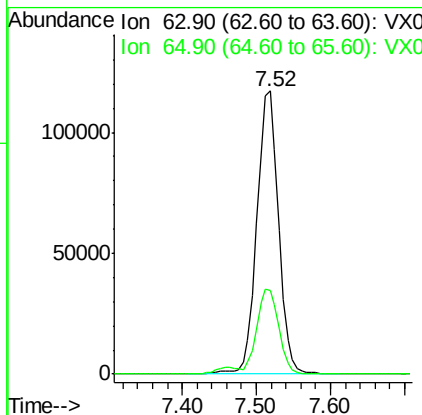
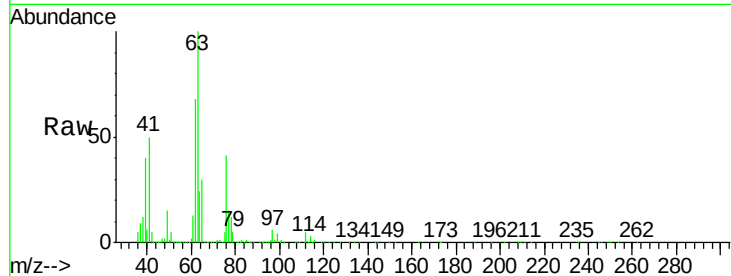
65 29.6 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 49.763 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

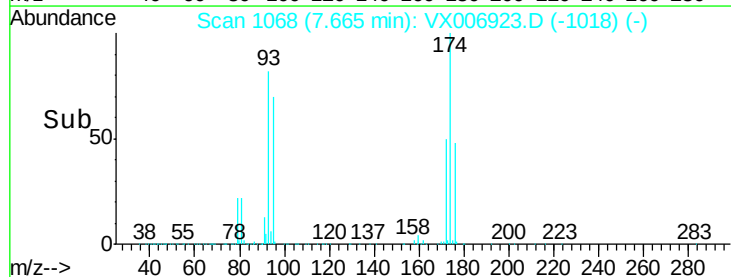
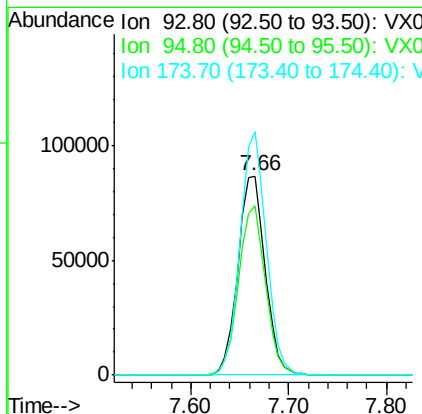
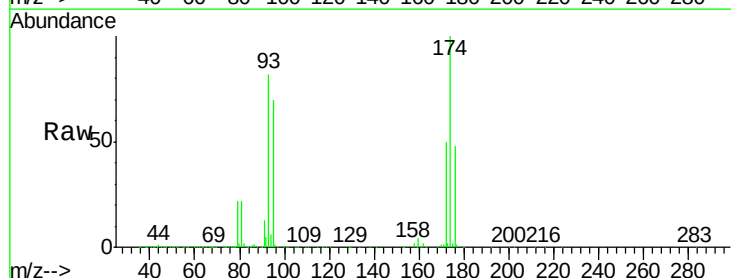
Tgt Ion: 93 Resp: 168215

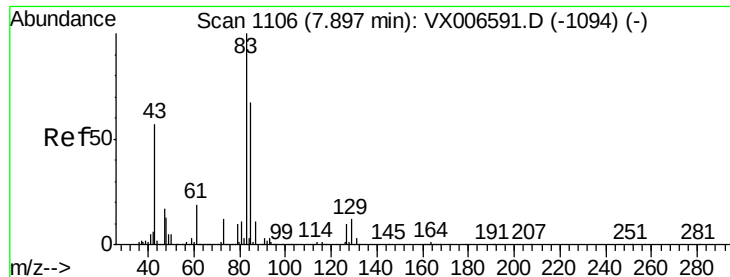
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 117.2 91.0 136.4





#47

Bromodichloromethane

Concen: 53.867 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

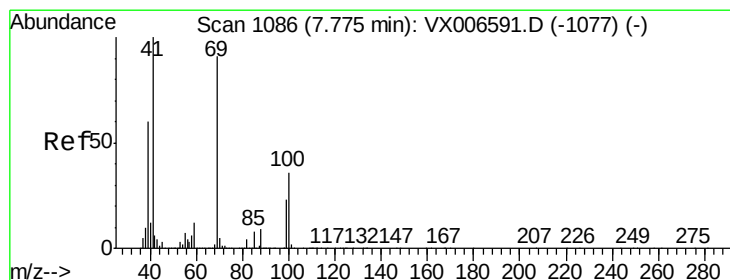
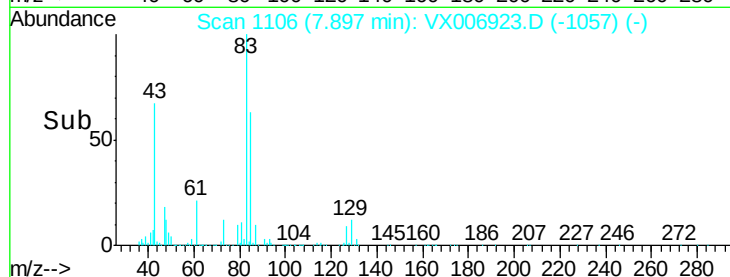
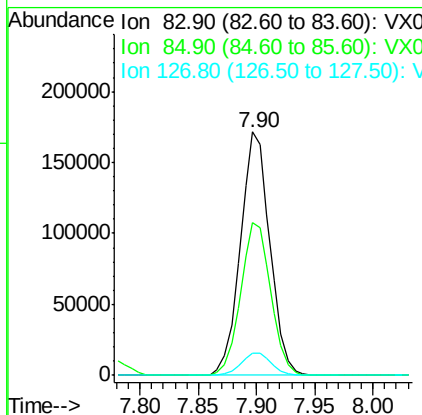
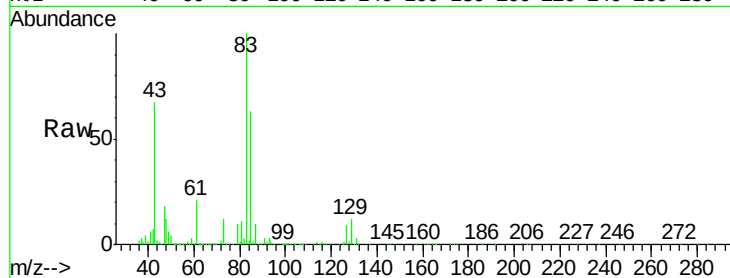
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	302309
Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.2	79.8
127	9.0	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.099 ug/l

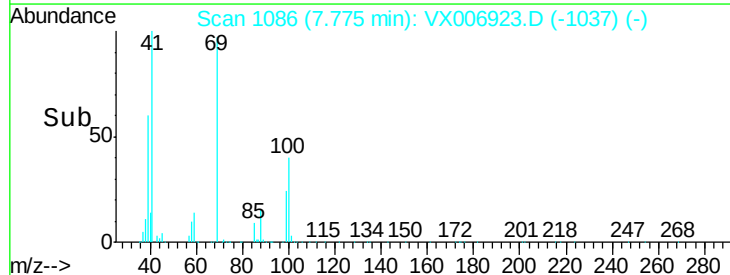
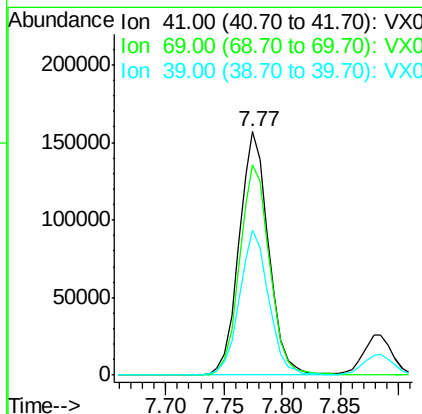
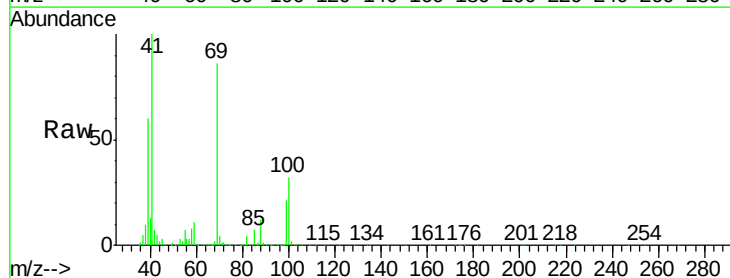
RT: 7.77 min Scan# 1086

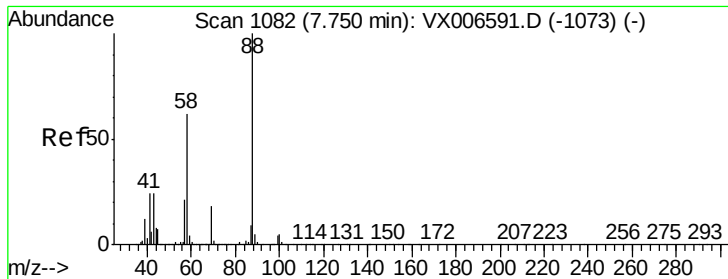
Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion:	41	Resp:	275681
Ion	Ratio	Lower	Upper
41	100		
69	88.3	72.4	108.6
39	58.7	45.8	68.8





#49

1,4-Dioxane

Concen: 932.939 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

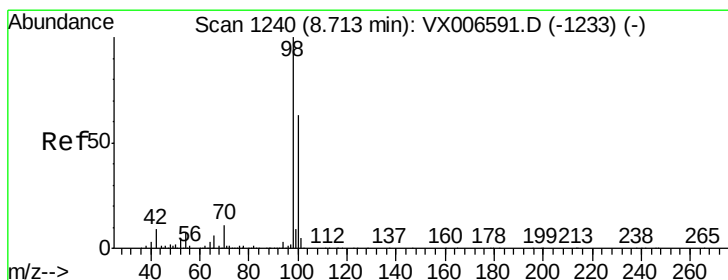
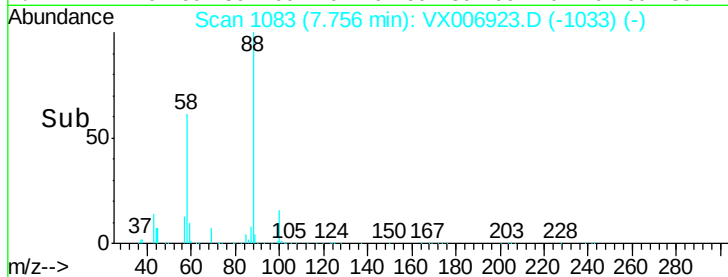
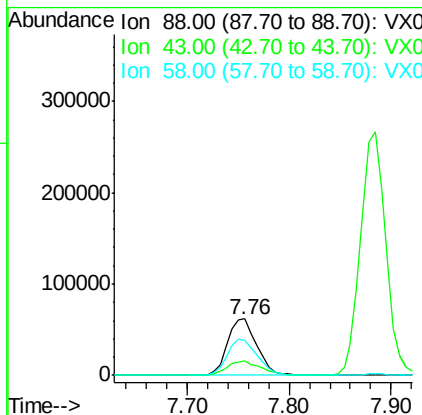
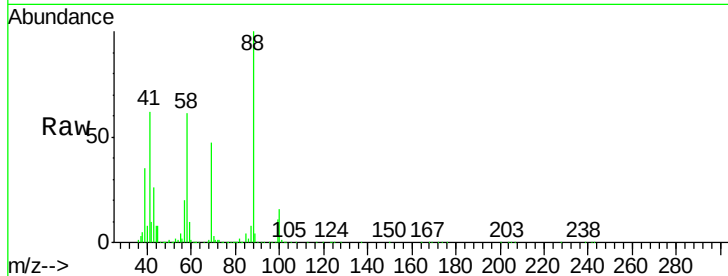
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	122306
Ion Ratio	Lower	Upper	
88	100		
43	28.9	22.2	33.4
58	65.7	51.0	76.4

Manual Integrations
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#50

Toluene-d8

Concen: 51.031 ug/l

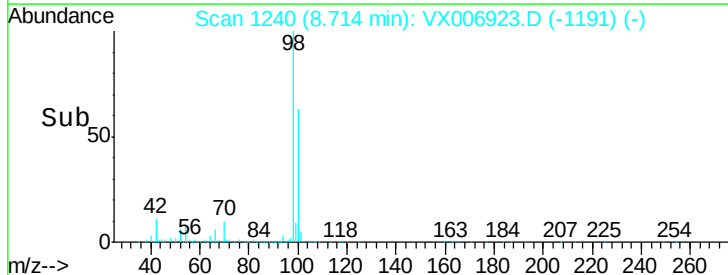
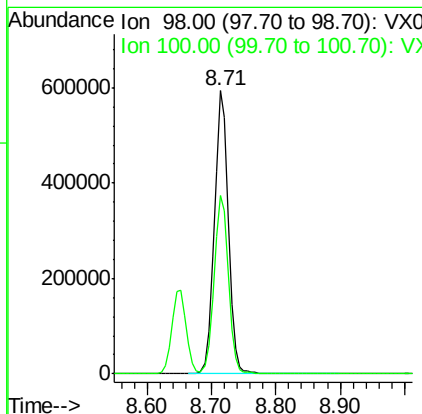
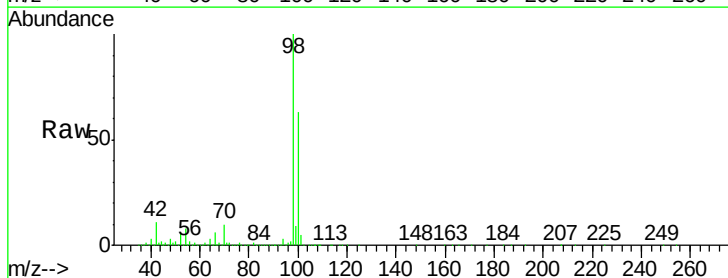
RT: 8.71 min Scan# 1240

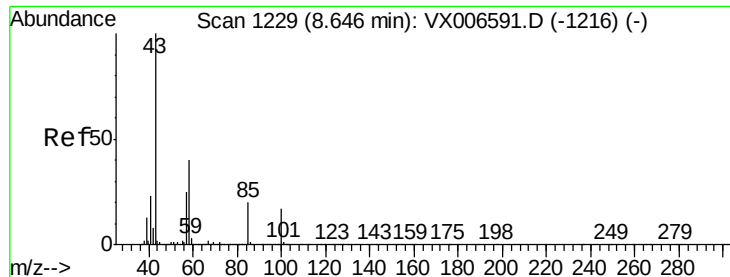
Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion:	98	Resp:	912637
Ion Ratio	Lower	Upper	
98	100		
100	64.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 270.117 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1690985

Ion Ratio Lower Upper

43 100

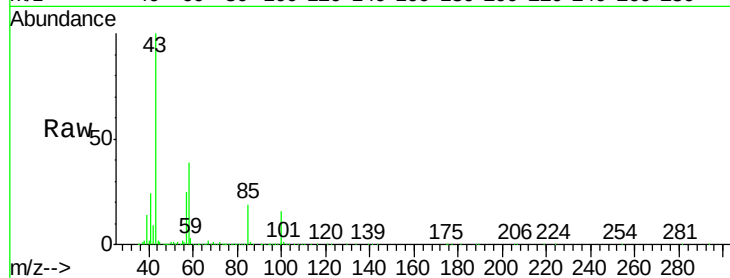
58 38.9 31.8 47.6

Manual Integrations

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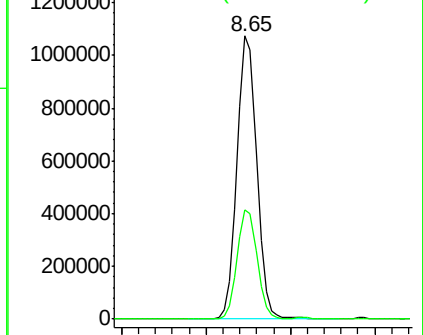
MMDadoda

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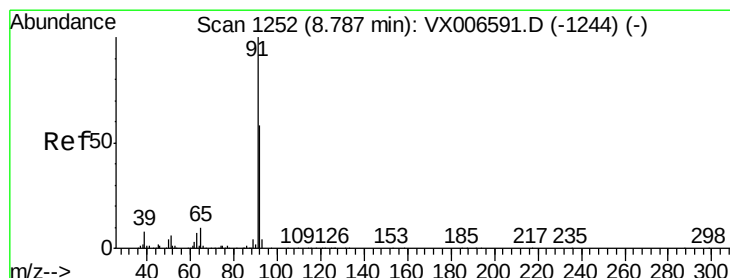
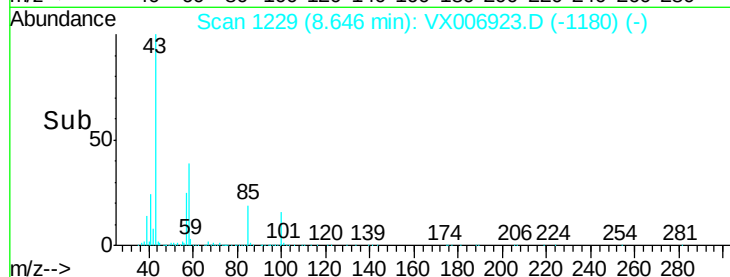


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 48.300 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006923.D

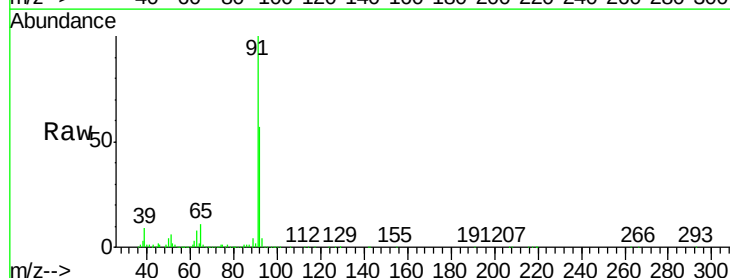
Acq: 04 Jan 2019 19:38

Tgt Ion: 92 Resp: 589282

Ion Ratio Lower Upper

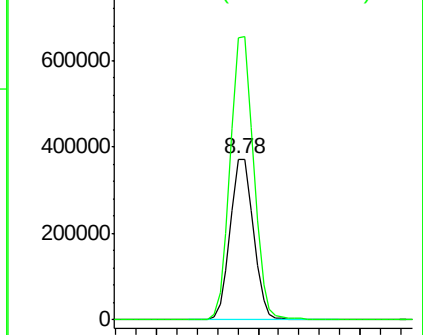
92 100

91 177.0 137.6 206.4

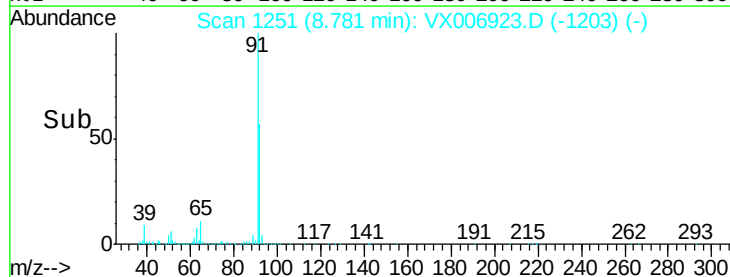


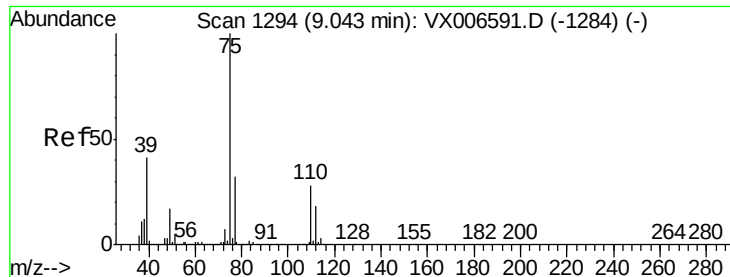
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time--> 8.70 8.80 8.90





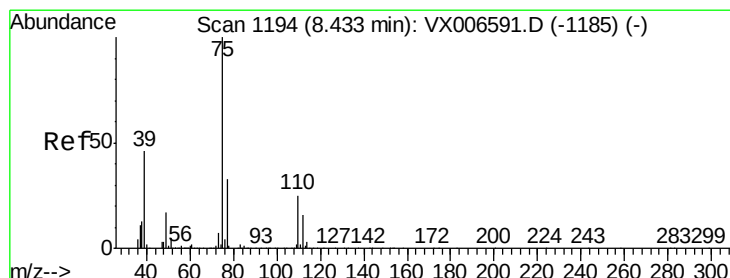
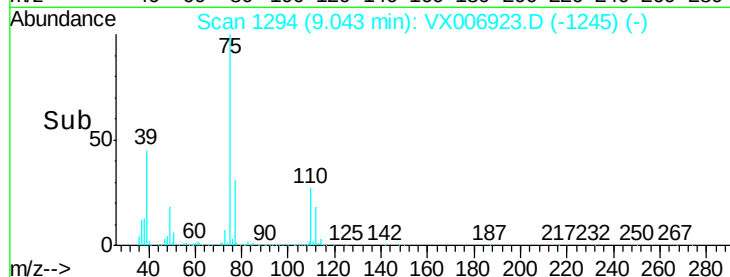
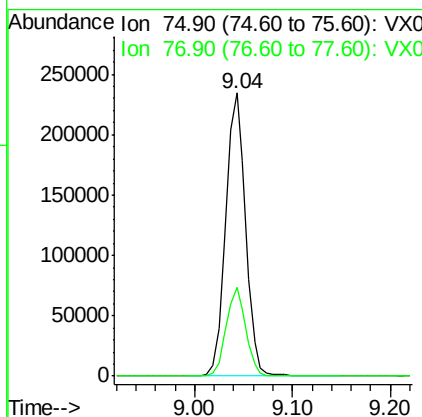
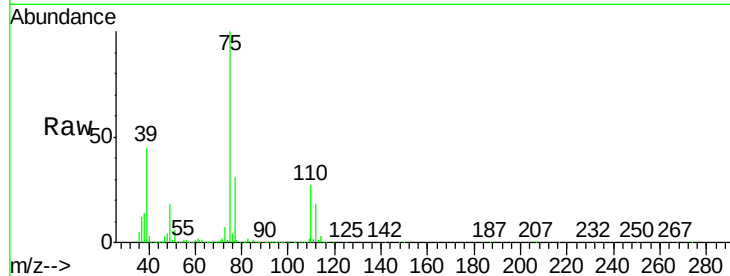
#53
t-1,3-Dichloropropene
Concen: 54.753 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0

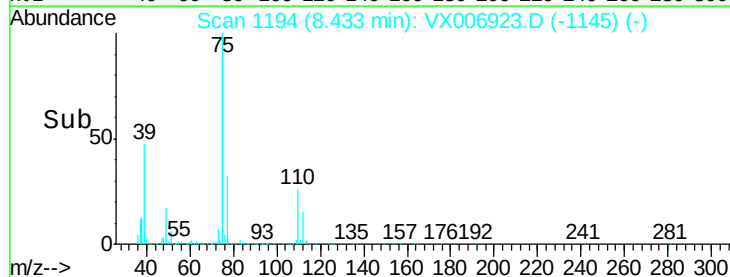
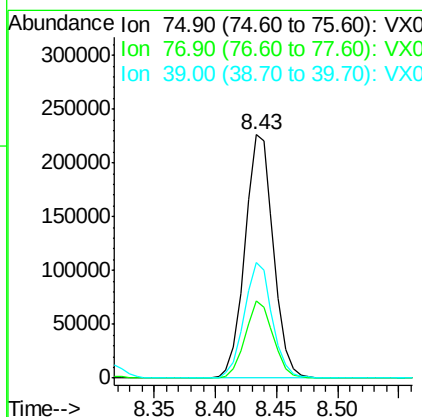
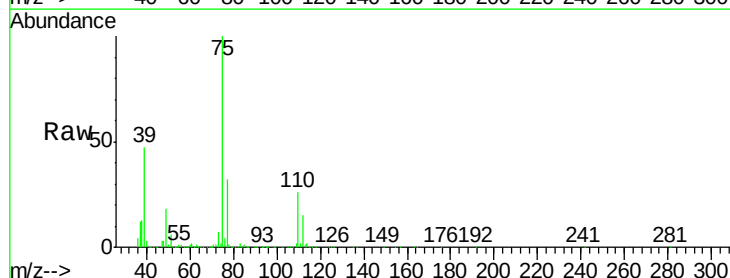
Manual Integrations
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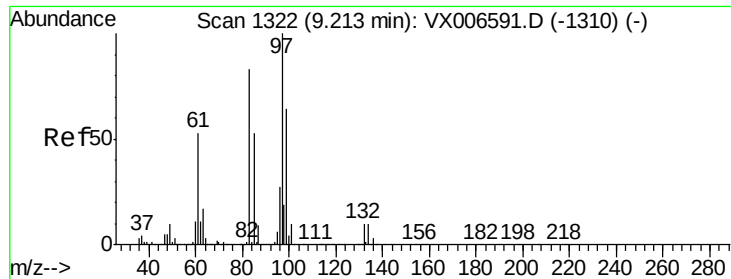
MMDadoda
1/7/2019 11:04:24 AM



#54
cis-1,3-Dichloropropene
Concen: 55.226 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.2	39.2
39	47.4	36.7	55.1





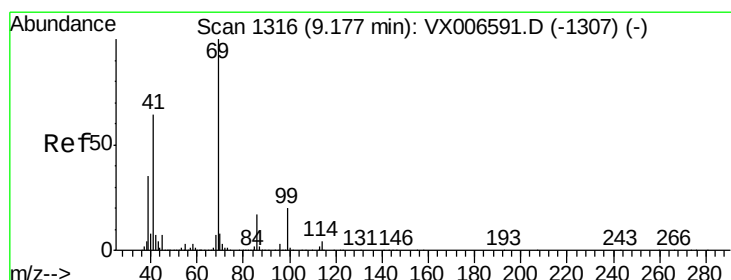
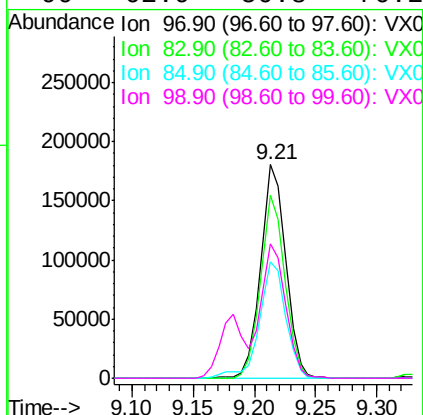
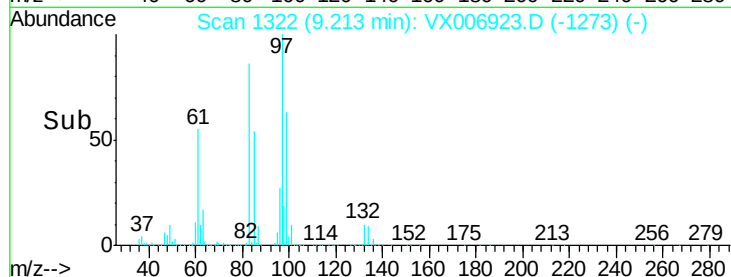
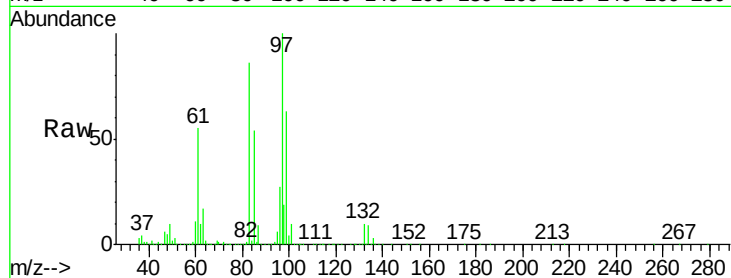
#55
 1,1,2-Trichloroethane
 Concen: 52.360 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		261477		
83	85.9	66.6	99.8		
85	54.3	42.7	64.1		
99	62.9	50.8	76.2		

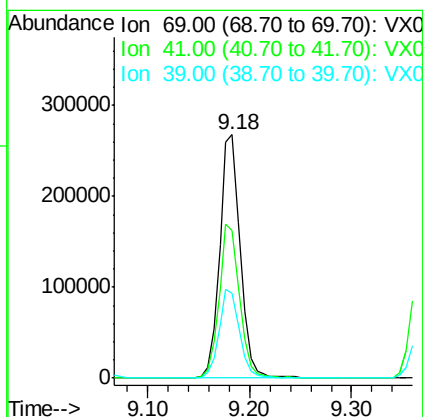
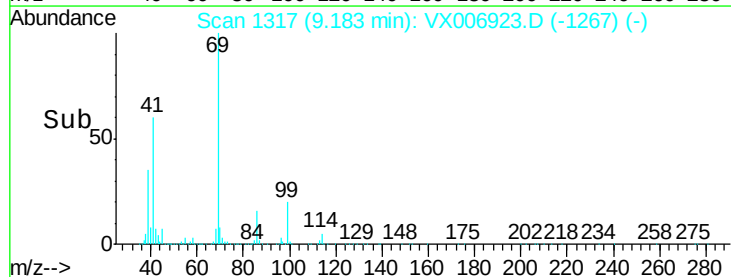
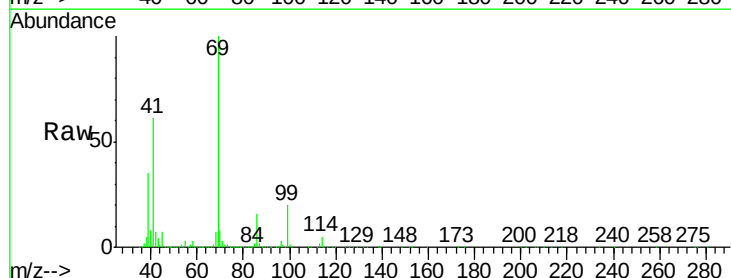
Manual Integrations
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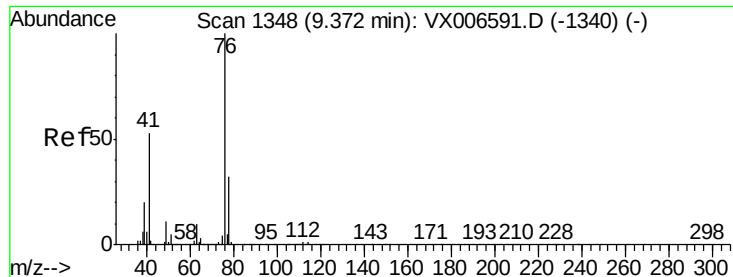
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#56
 Ethyl methacrylate
 Concen: 53.549 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		377959		
41	62.6	48.7	73.1		
39	36.3	27.0	40.6		





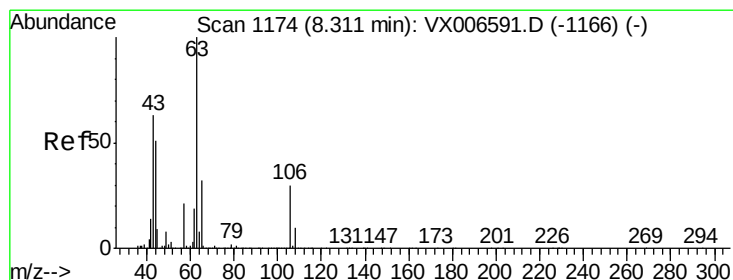
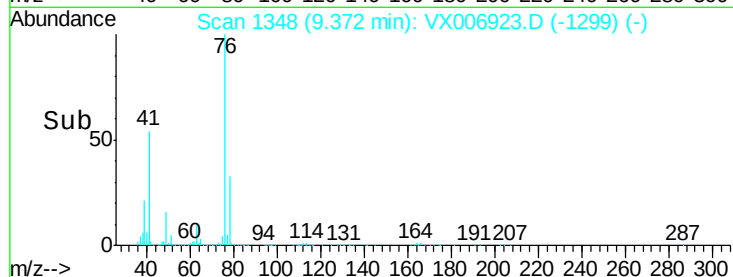
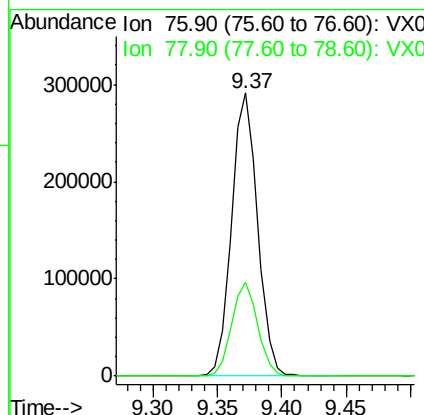
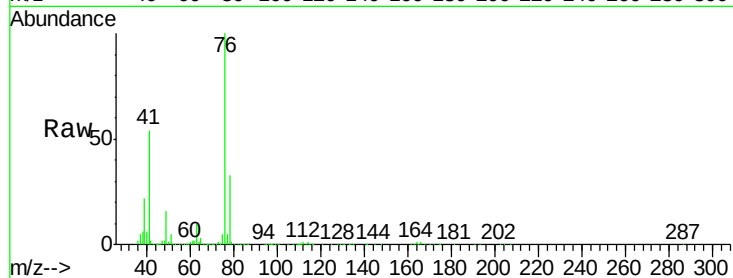
#57
 1,3-Dichloropropane
 Concen: 51.377 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 412789
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.0 39.0

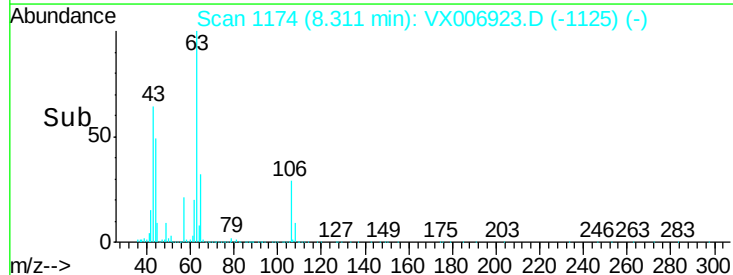
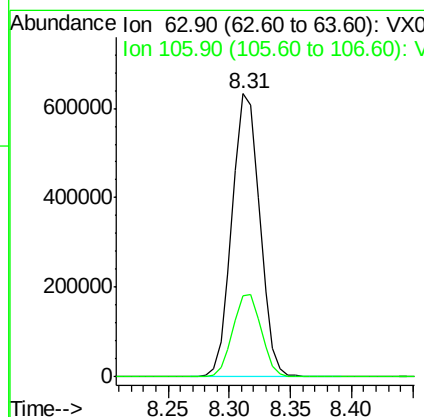
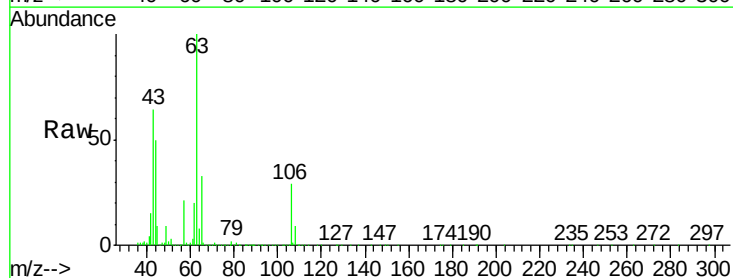
Manual Integrations
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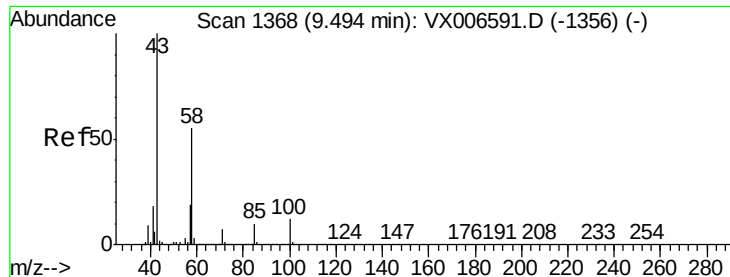
MMDadoda
 1/7/2019 11:04:24 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.737 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion: 63 Resp: 993262
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.6 36.8





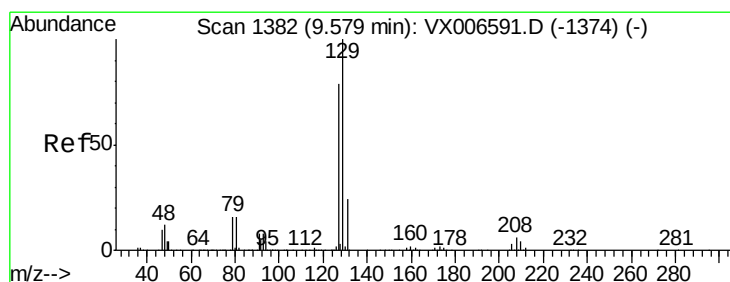
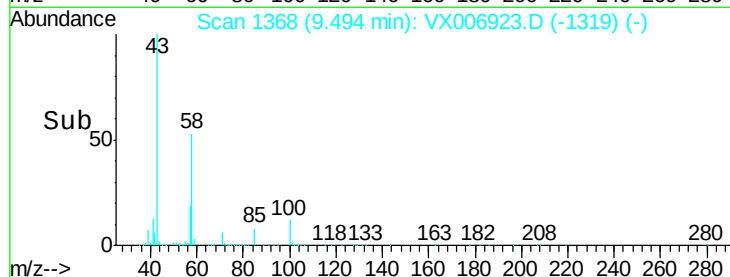
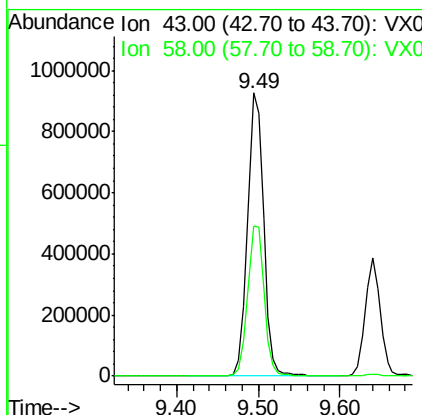
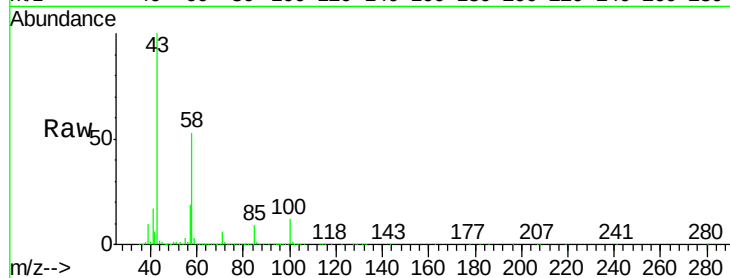
#59
2-Hexanone
Concen: 265.922 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 1273712
Ion Ratio Lower Upper
43 100
58 54.4 27.7 83.1

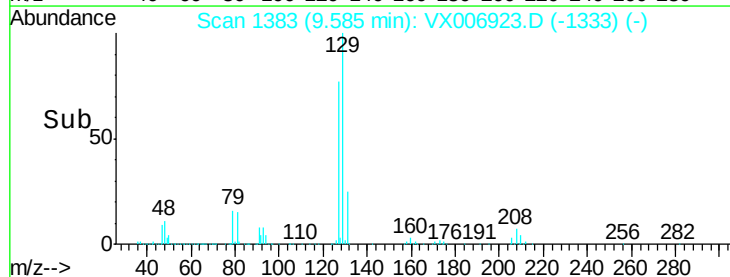
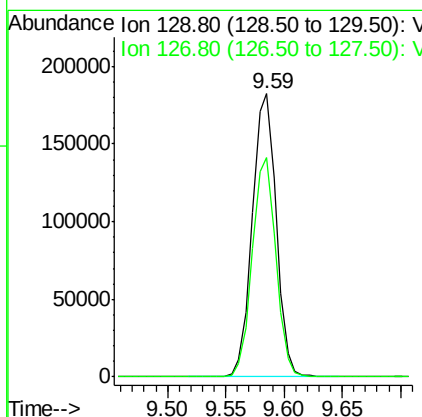
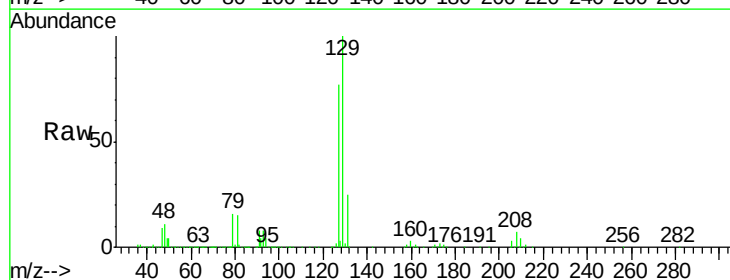
Manual Integrations
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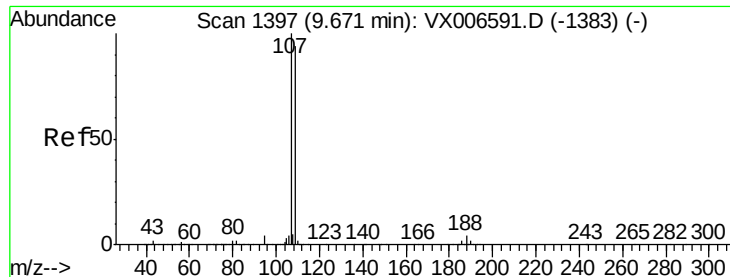
MMDadoda
1/7/2019 11:04:24 AM



#60
Dibromochloromethane
Concen: 50.297 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion: 129 Resp: 262778
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.8





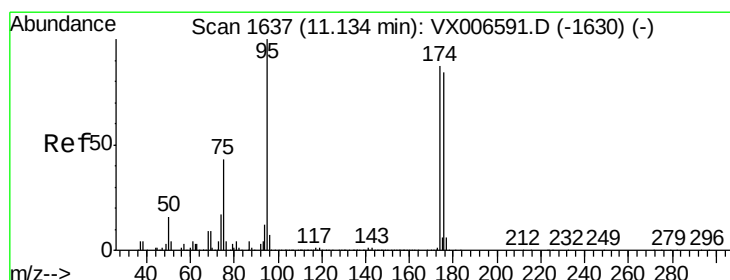
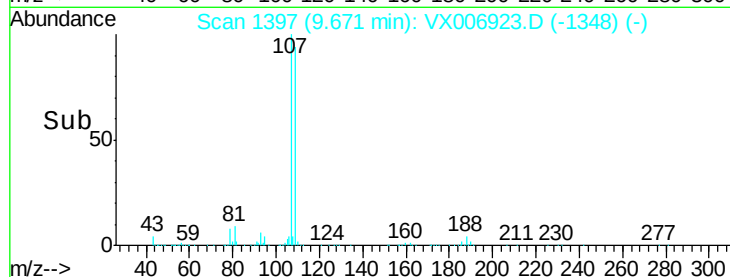
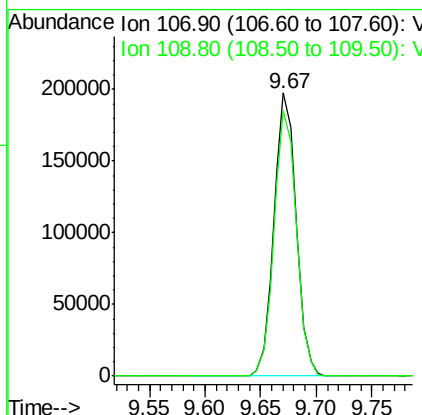
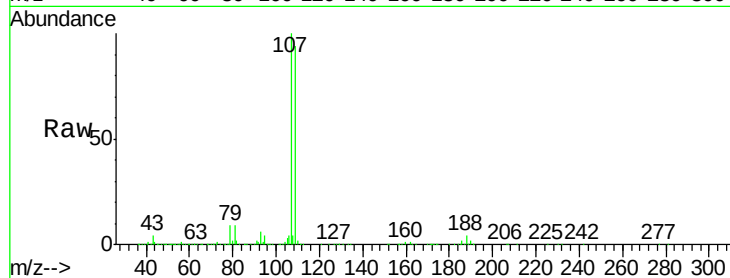
#61
 1,2-Dibromoethane
 Concen: 51.571 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.8	113.6

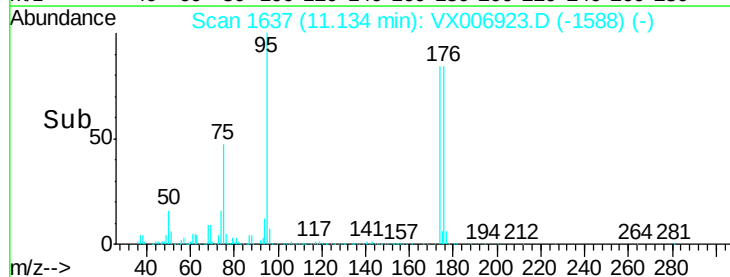
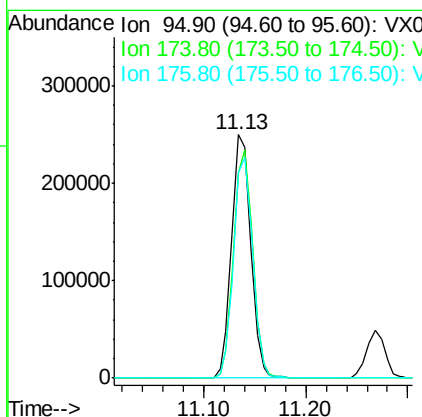
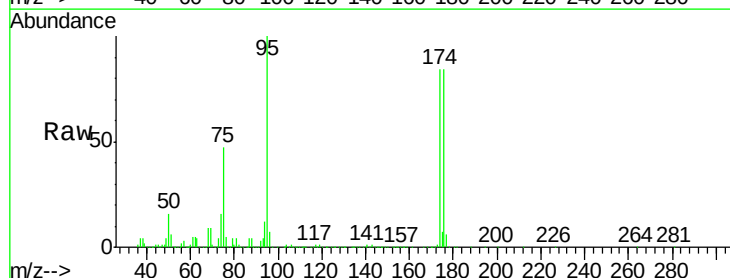
Manual Integrations
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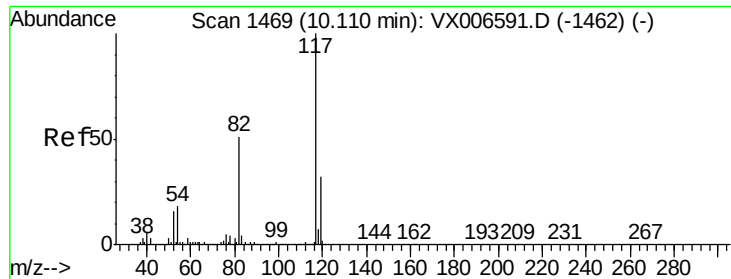
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 49.476 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	182.2
176	90.5	0.0	178.8





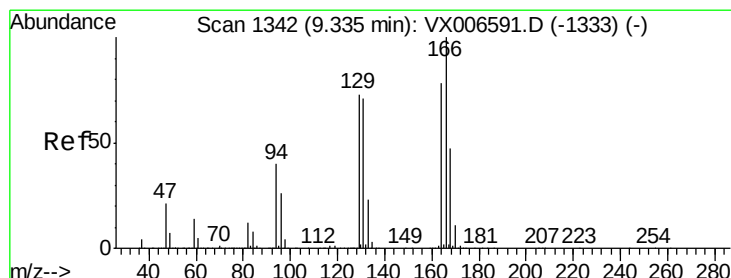
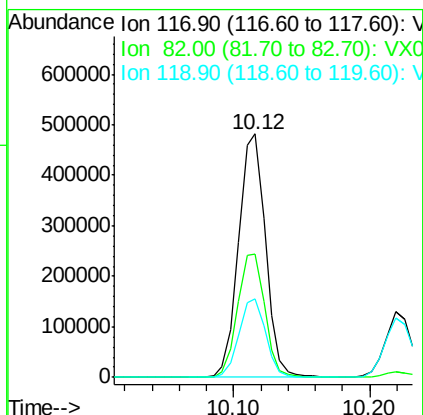
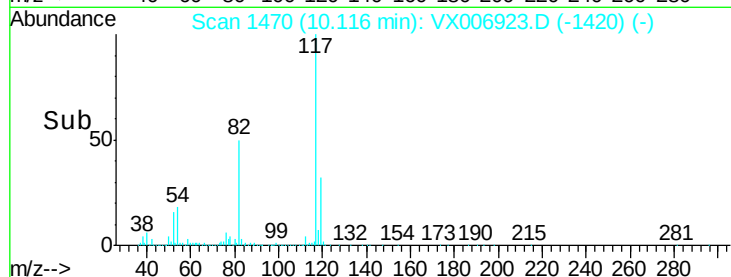
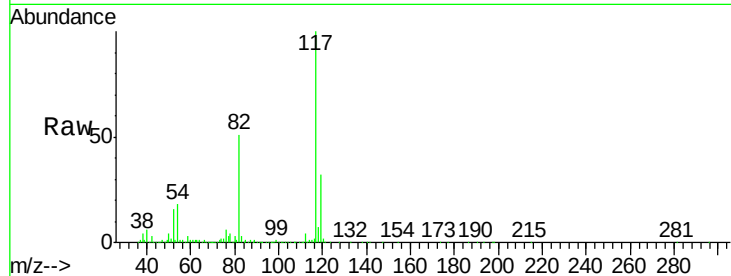
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.0	61.6
119	32.5	25.4	38.0

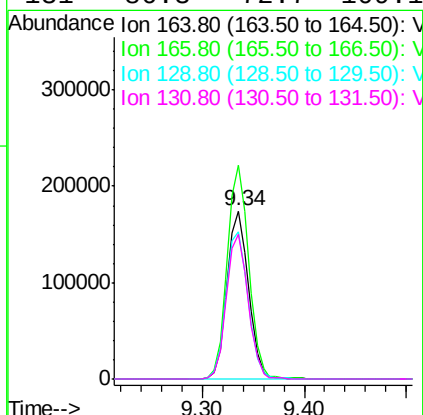
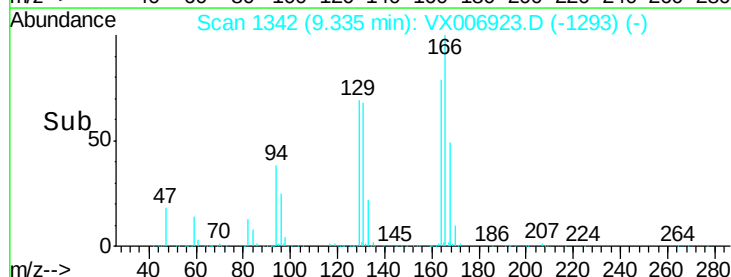
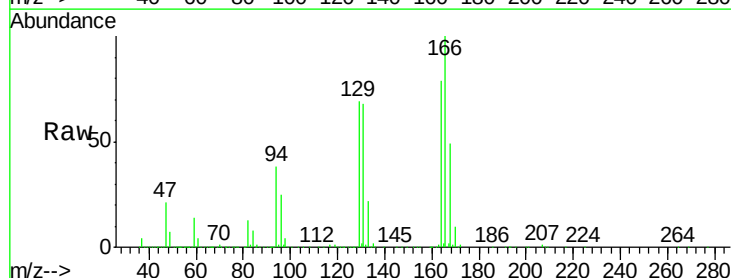
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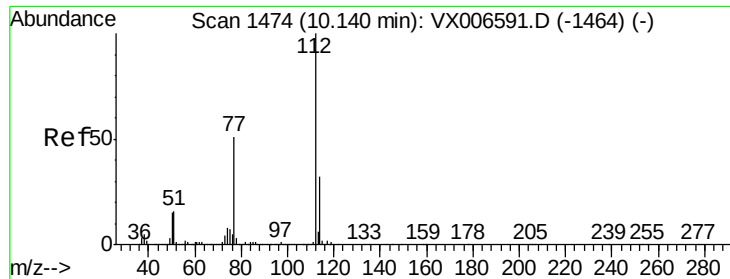
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#64
Tetrachloroethene
Concen: 48.140 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.5	153.7
129	88.0	75.1	112.7
131	86.3	72.7	109.1





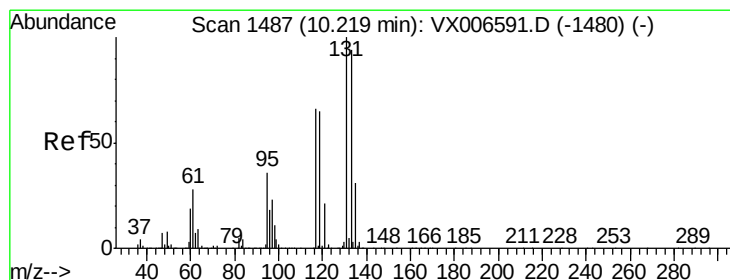
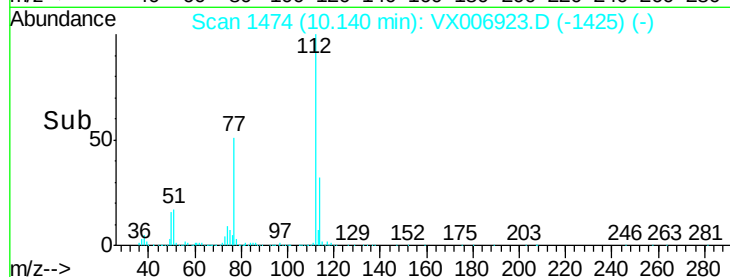
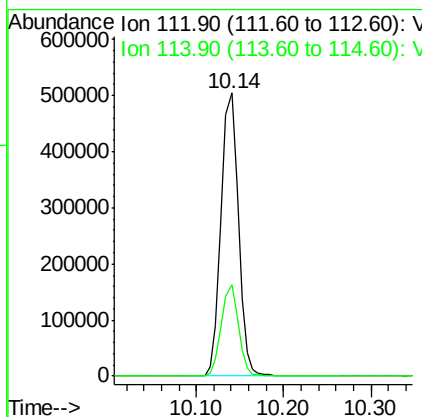
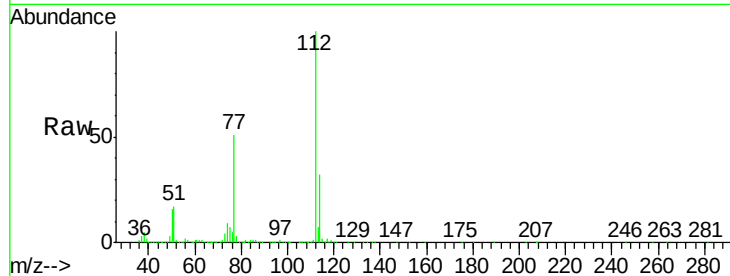
#65
Chlorobenzene
Concen: 49.196 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 694277
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

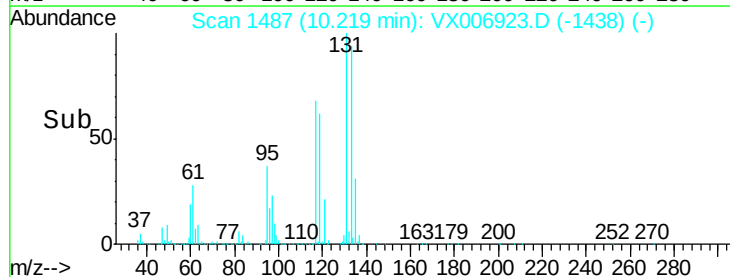
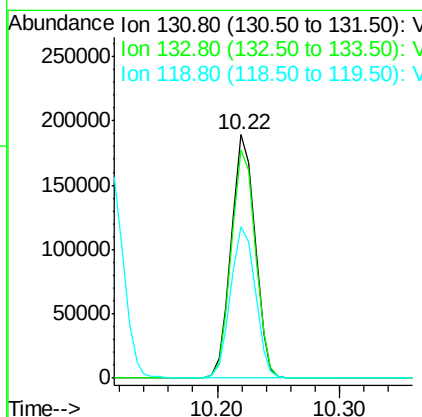
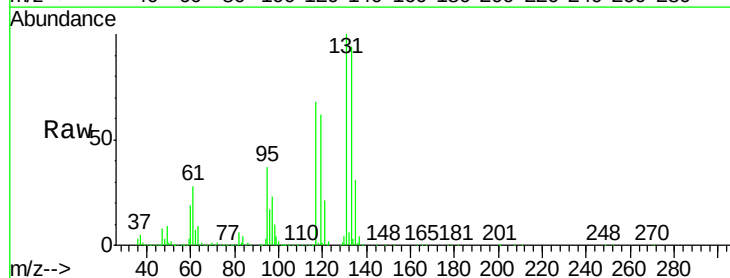
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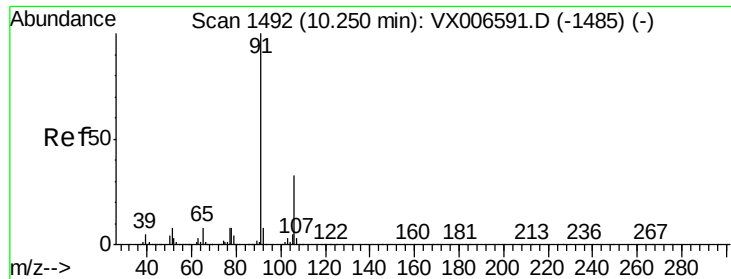
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.813 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion:131 Resp: 254553
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 64.4 32.6 97.8





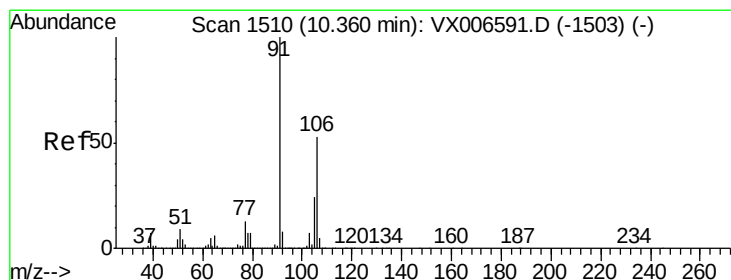
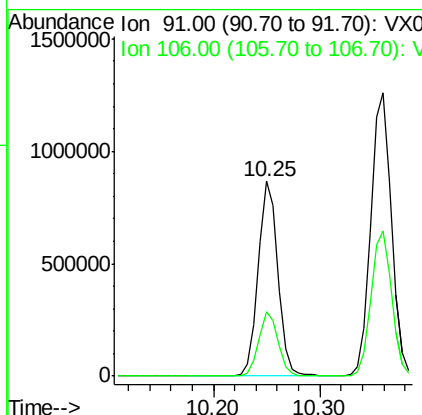
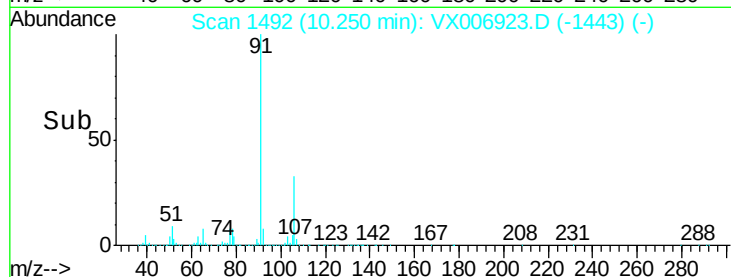
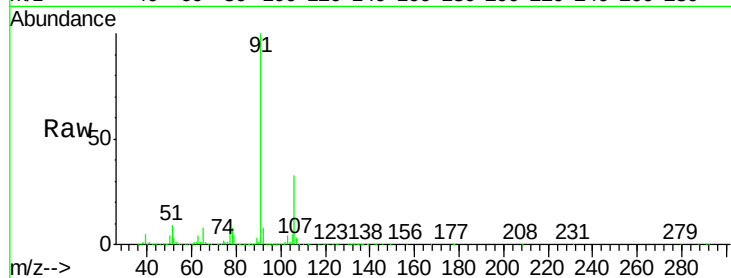
#67
Ethyl Benzene
Concen: 48.893 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1127507
Ion Ratio Lower Upper
91 100
106 32.8 26.4 39.6

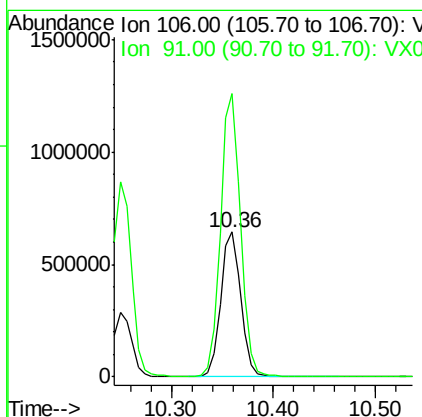
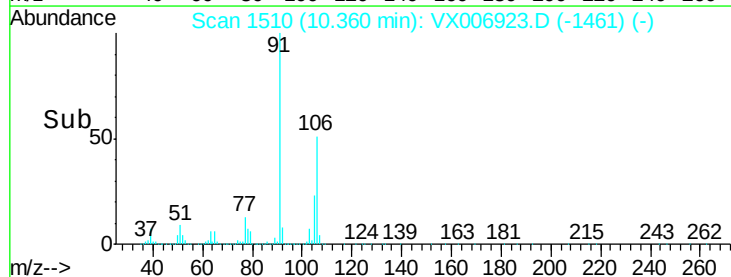
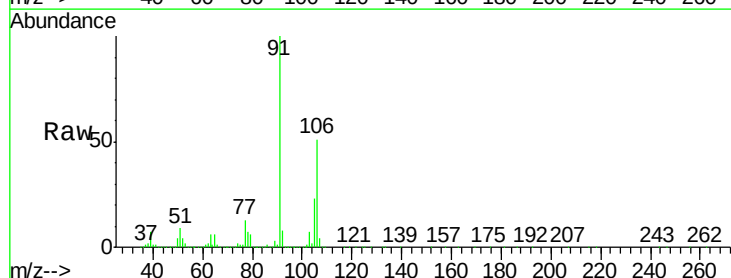
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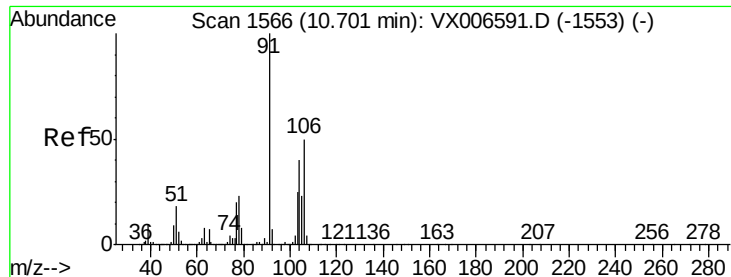
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#68
m/p-Xylenes
Concen: 97.144 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion: 106 Resp: 883976
Ion Ratio Lower Upper
106 100
91 195.5 155.8 233.6





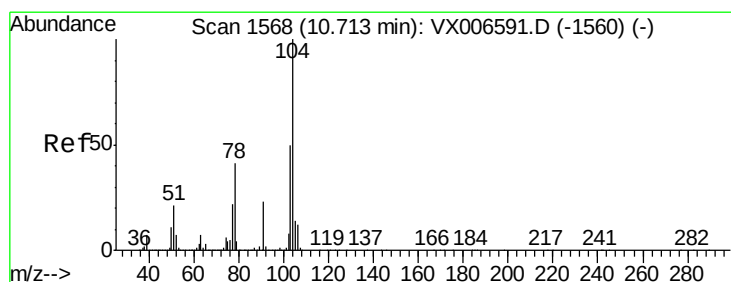
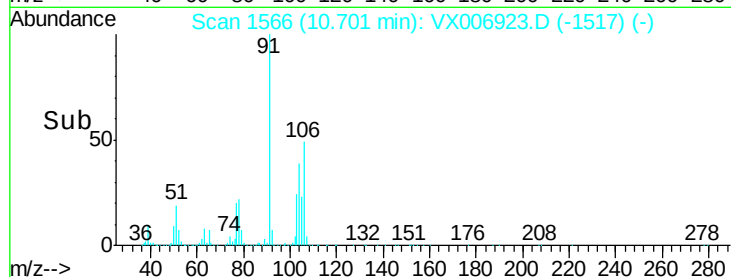
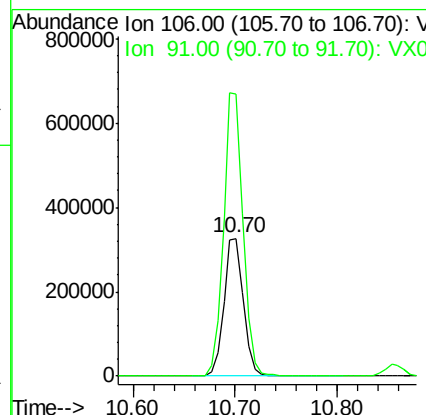
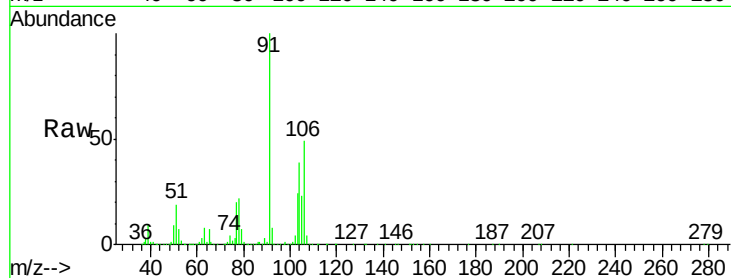
#69
o-Xylene
Concen: 48.730 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	205.1	101.3	303.7

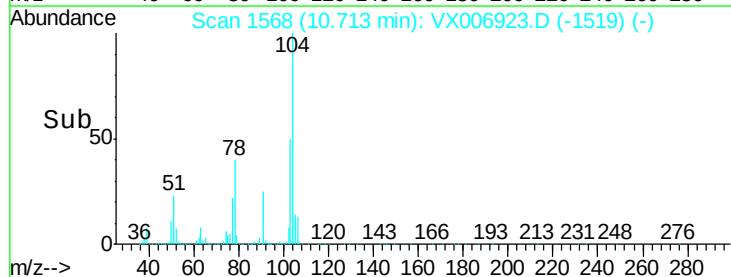
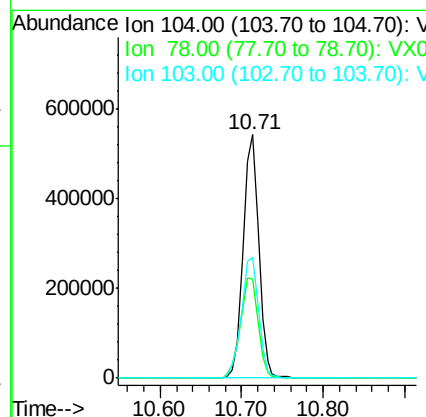
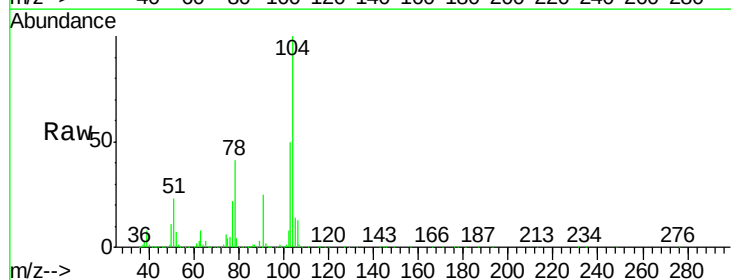
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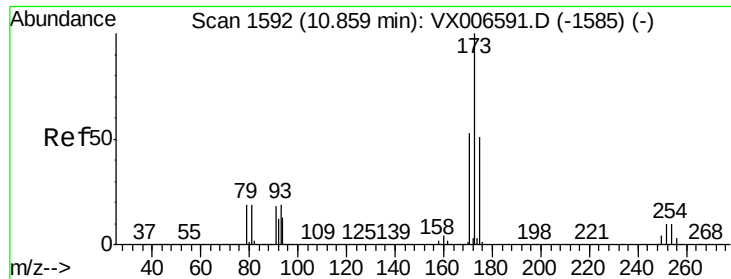
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#70
Styrene
Concen: 50.082 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	47.0	37.7	56.5
103	103	55.2	43.8	65.8





#71

Bromoform

Concen: 47.782 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

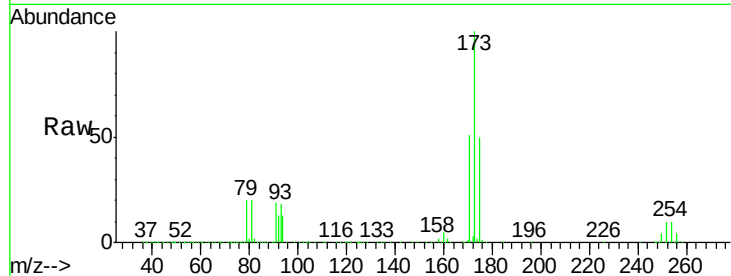
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	188910
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.7	74.1
254	0.2	0.2	0.2

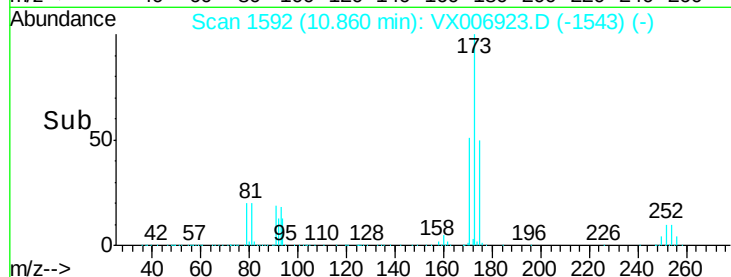
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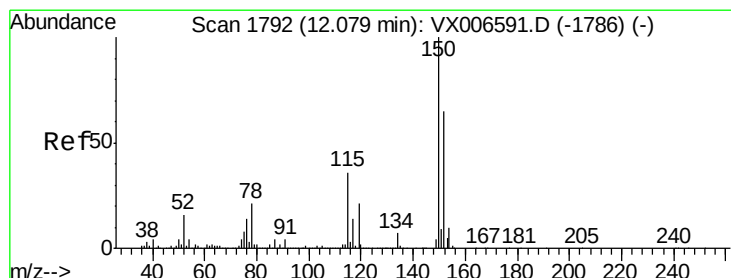


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

10.86



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

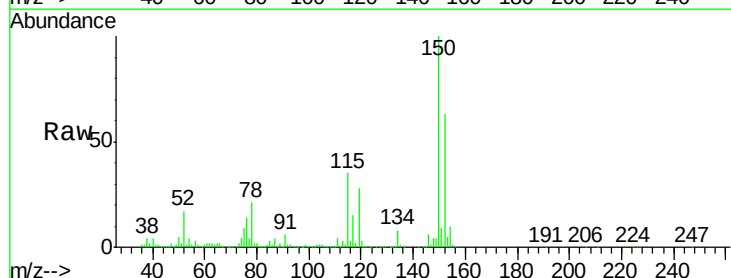
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006923.D

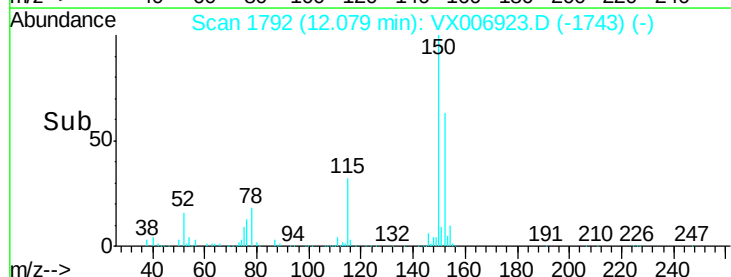
Acq: 04 Jan 2019 19:38

Tgt Ion:	152	Resp:	347587
Ion Ratio	Lower	Upper	
152	100		
115	75.9	39.1	117.2
150	172.4	0.0	344.8

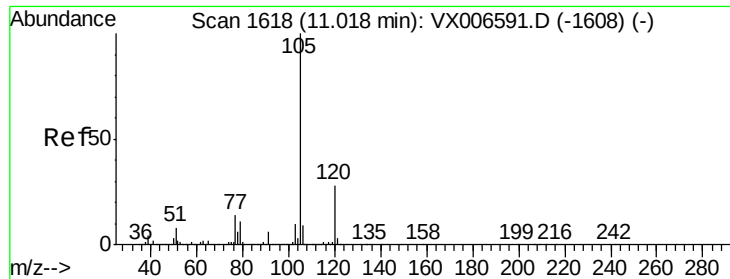


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

12.08



Time-->



#73

Isopropylbenzene

Concen: 48.869 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1162059

Ion Ratio Lower Upper

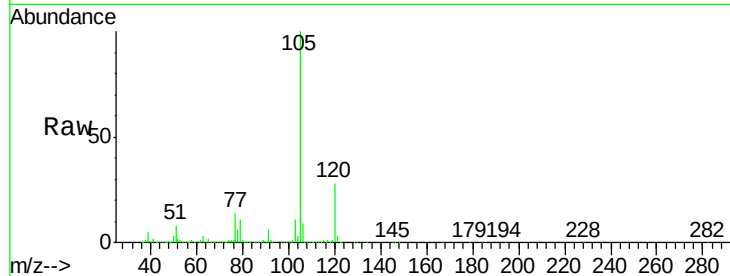
105 100

120 27.6 14.1 42.4

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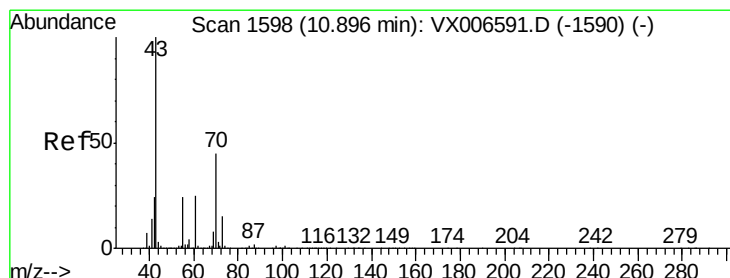
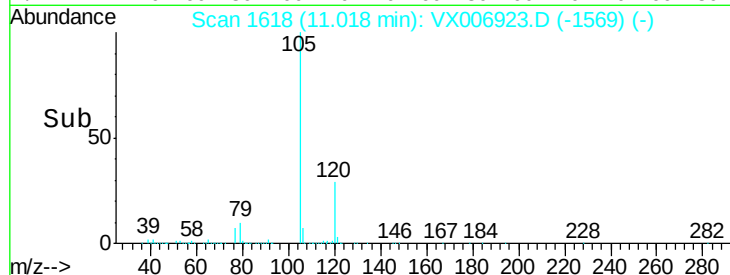
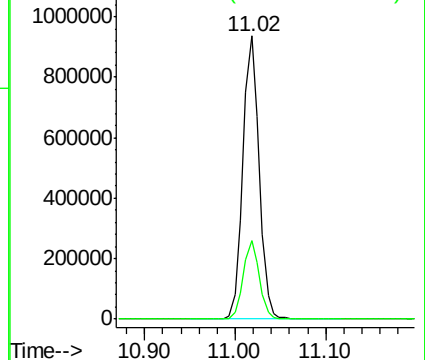
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.077 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Tgt Ion: 43 Resp: 485810

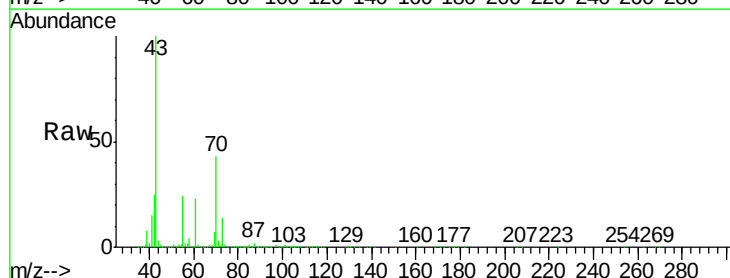
Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 23.8 19.4 29.0

61 24.1 20.1 30.1

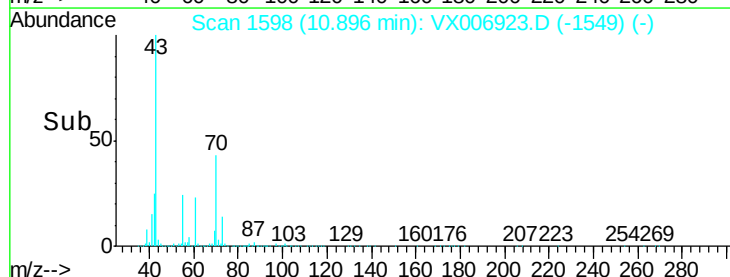
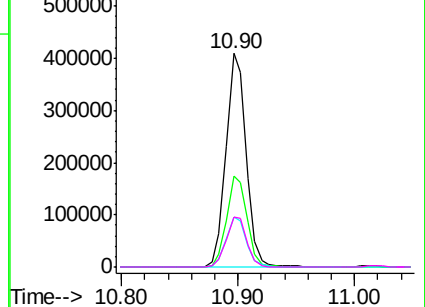


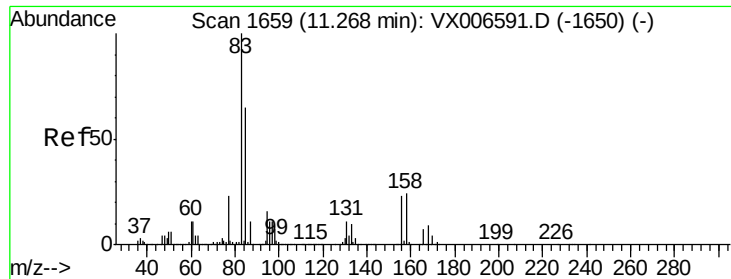
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.855 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 380860

Ion Ratio Lower Upper

83 100

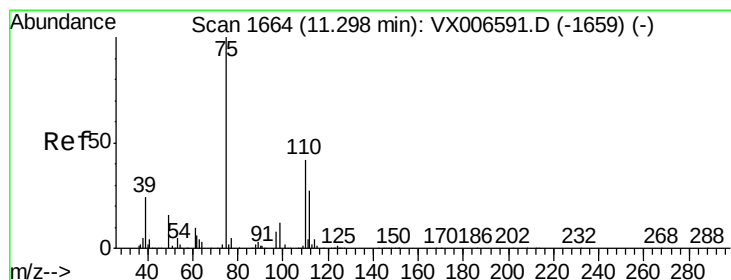
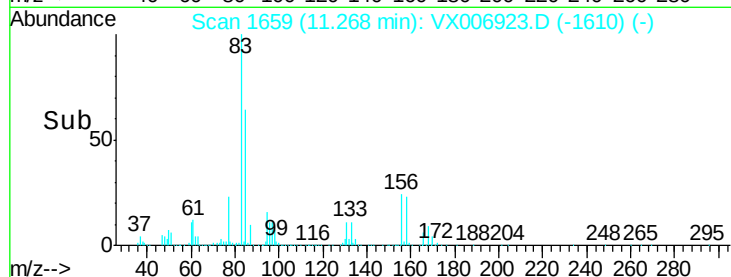
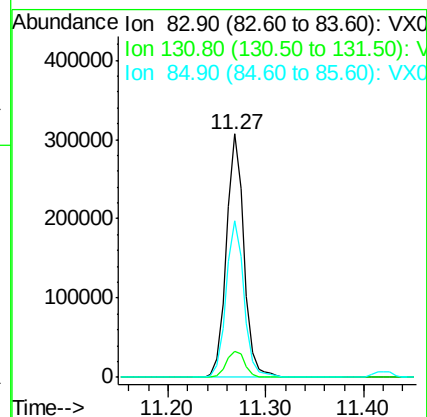
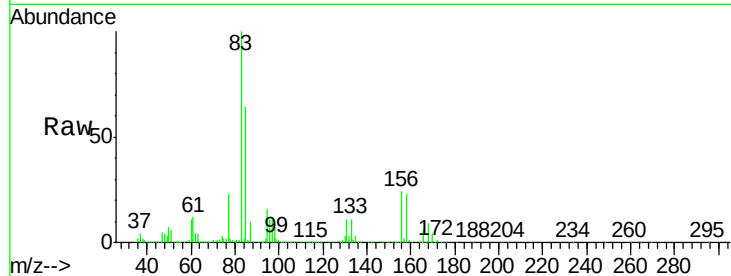
131 11.5 5.7 17.1

85 65.7 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 53.741 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006923.D

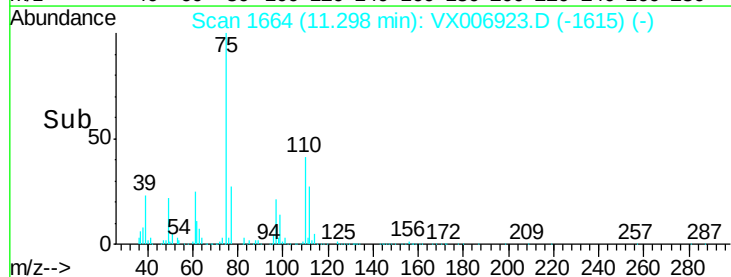
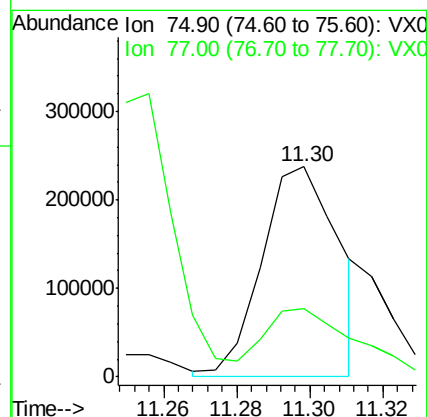
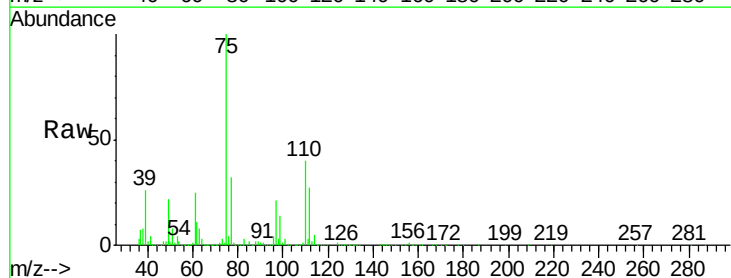
Acq: 04 Jan 2019 19:38

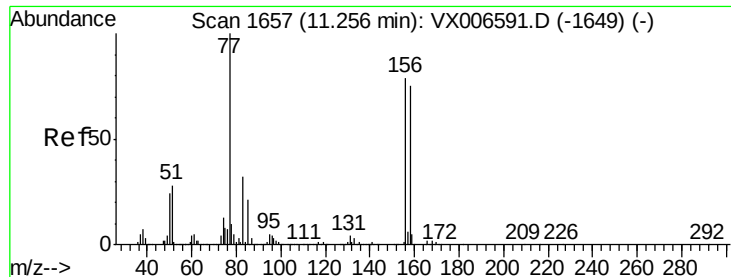
Tgt Ion: 75 Resp: 347149

Ion Ratio Lower Upper

75 100

77 38.7 18.5 55.5





#77

Bromobenzene

Concen: 49.088 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 315576

Ion Ratio Lower Upper

156 100

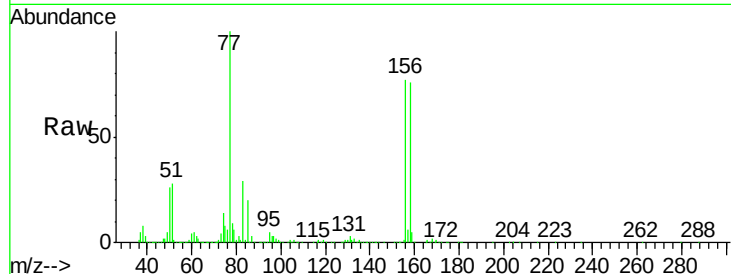
77 134.3 68.0 204.0

158 96.7 48.3 144.8

Manual Integrations
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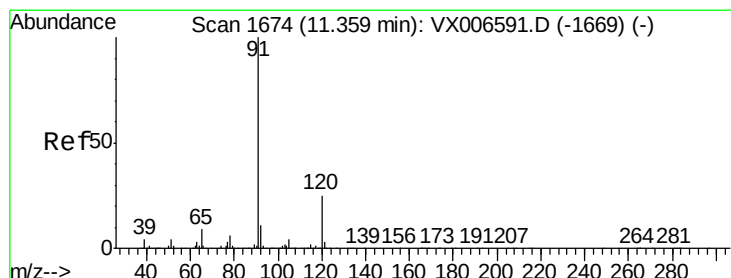
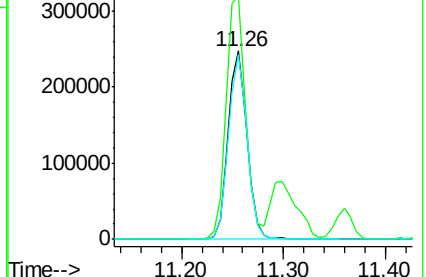
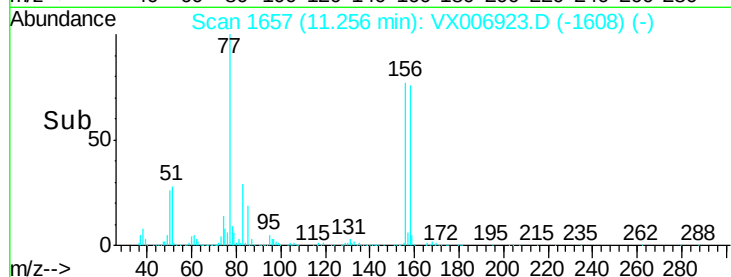
1/7/2019 11:04:24 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.572 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006923.D

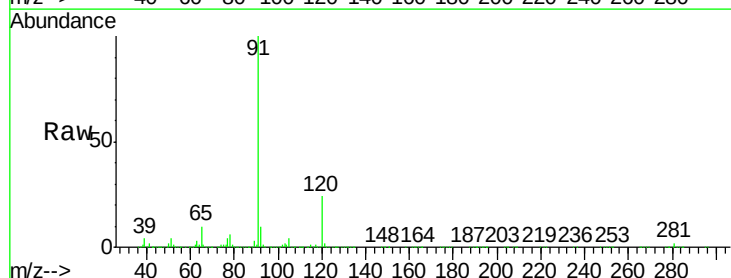
Acq: 04 Jan 2019 19:38

Tgt Ion: 91 Resp: 1271897

Ion Ratio Lower Upper

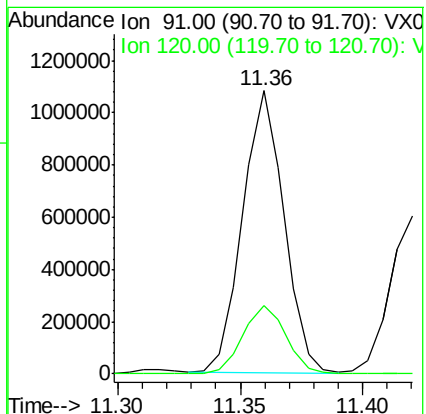
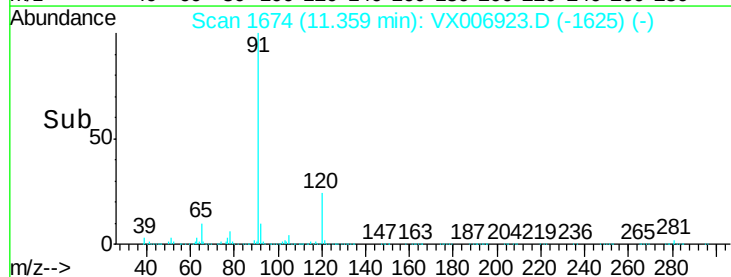
91 100

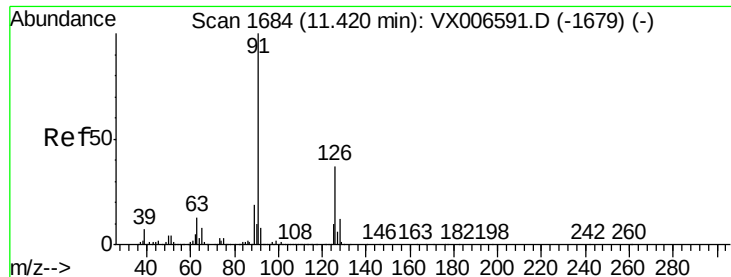
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.091 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 747280

Ion Ratio Lower Upper

91 100

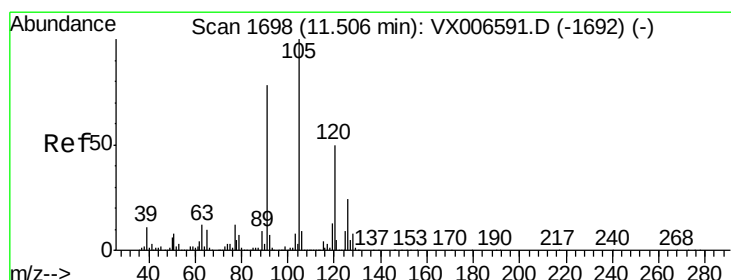
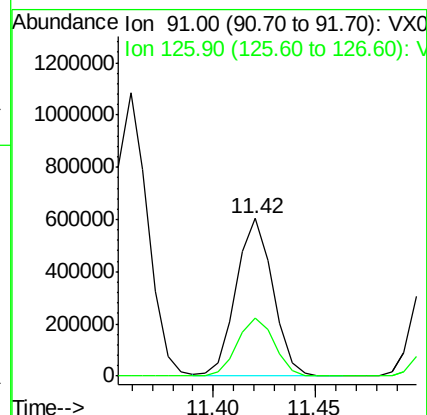
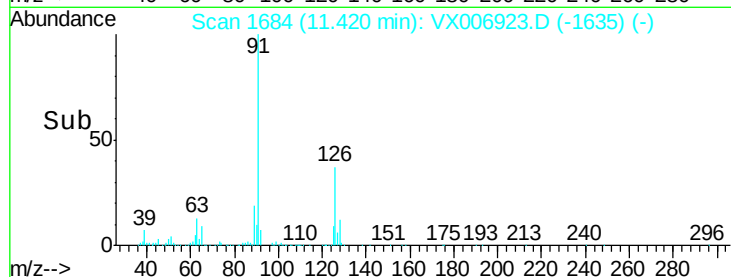
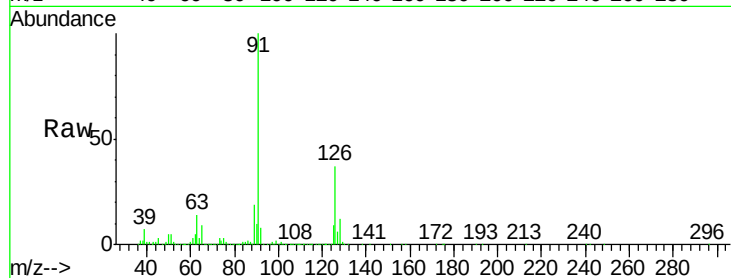
126 37.7 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 48.806 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006923.D

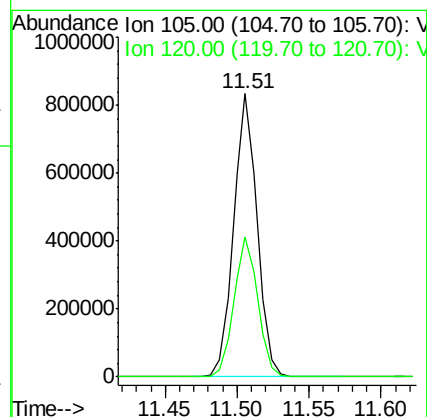
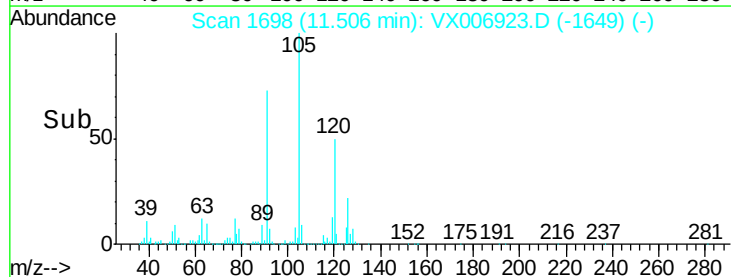
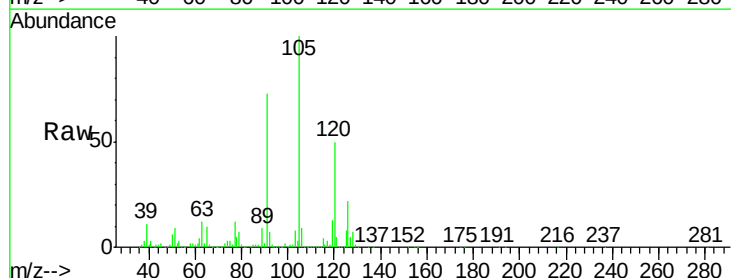
Acq: 04 Jan 2019 19:38

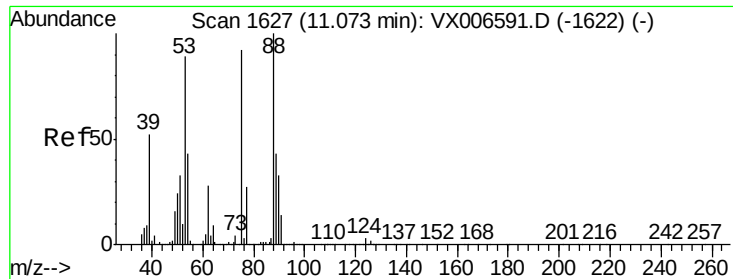
Tgt Ion: 105 Resp: 955906

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3





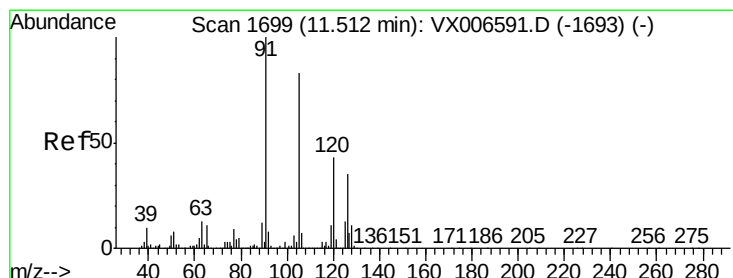
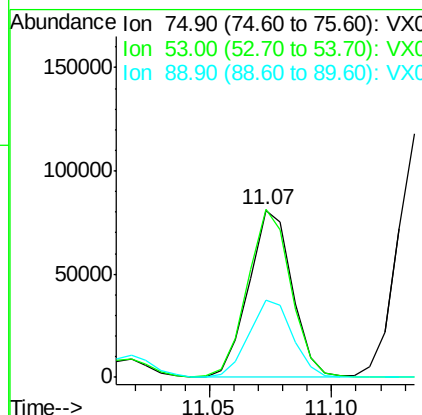
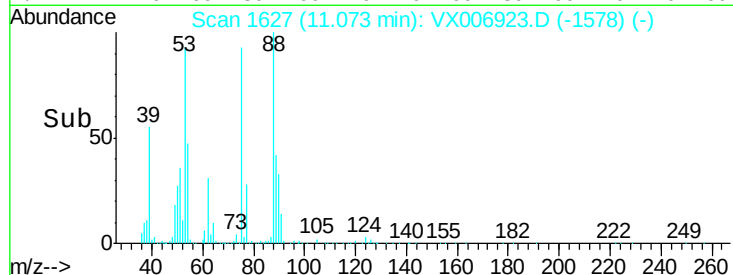
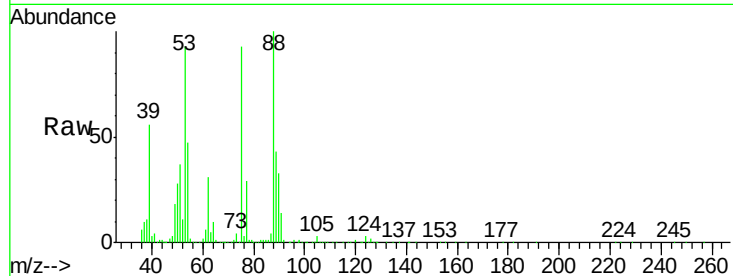
#81
trans-1,4-Dichloro-2-butene
Concen: 46.803 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.3	79.7	119.5
89	47.6	38.0	57.0

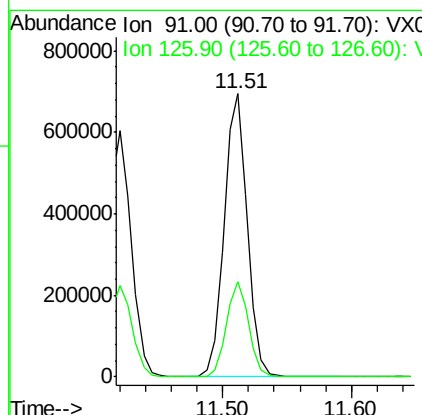
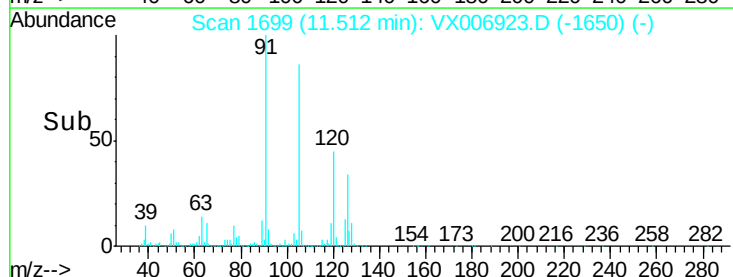
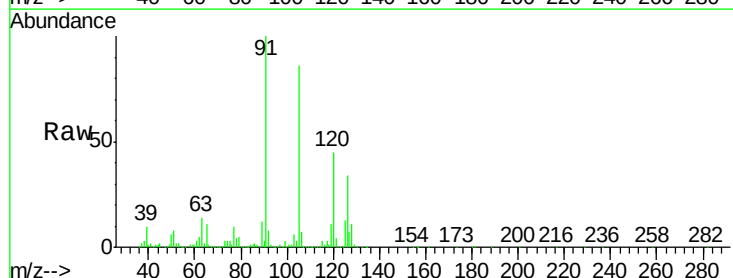
Manual Integrations
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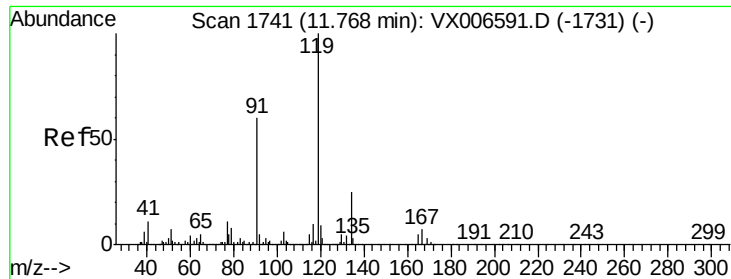
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.022 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.3	48.9





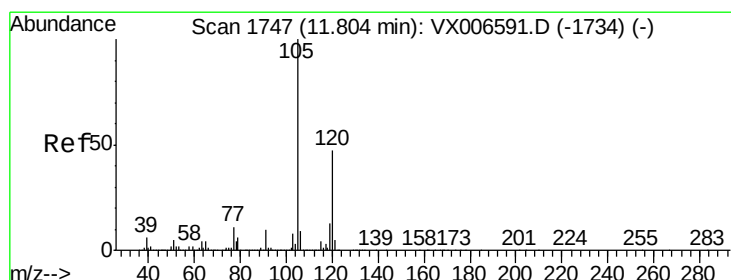
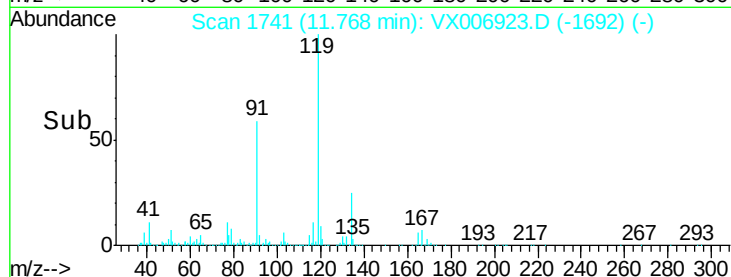
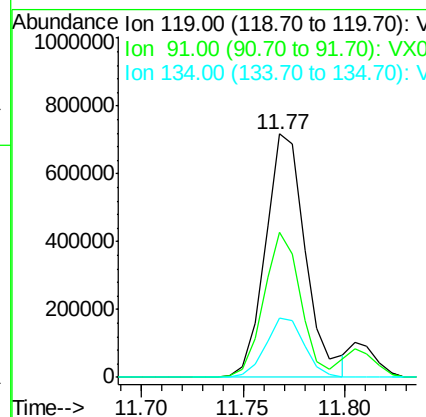
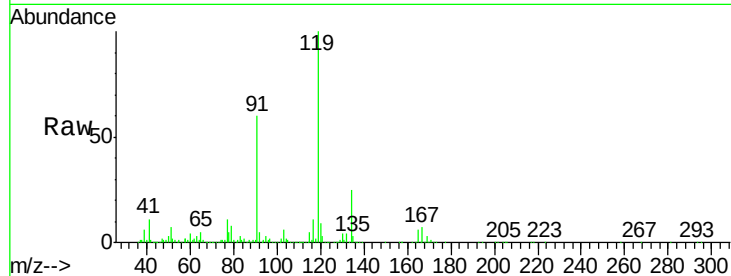
#83
 tert-Butylbenzene
 Concen: 50.120 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.6	27.7	83.1
134	23.6	11.9	35.5

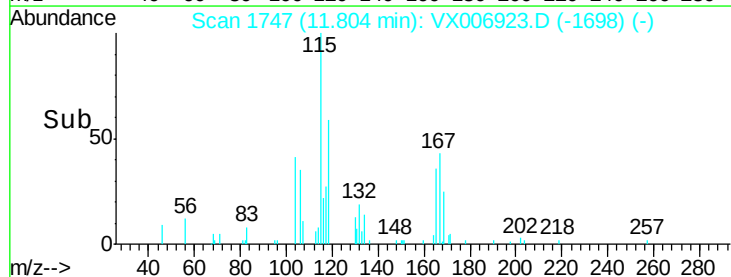
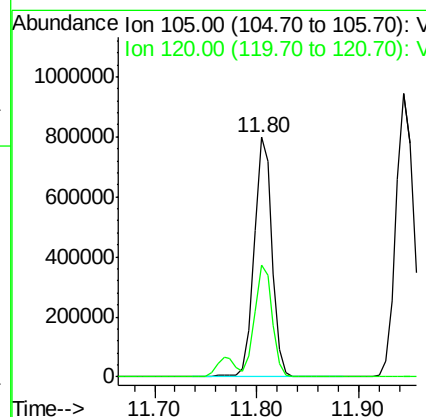
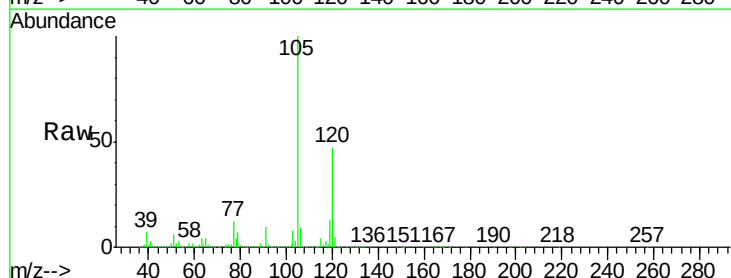
Manual Integrations
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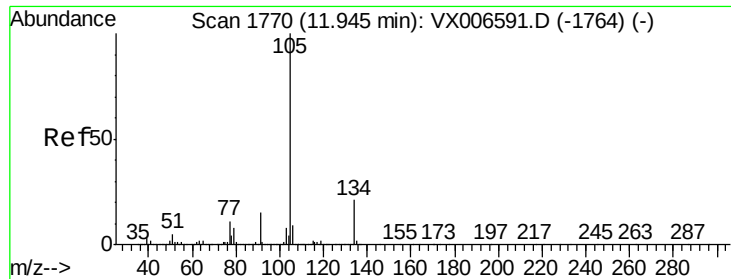
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 1/7/2019 11:04:24 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 47.339 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.2	69.6





#85

sec-Butylbenzene

Concen: 48.002 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1153676

Ion Ratio Lower Upper

105 100

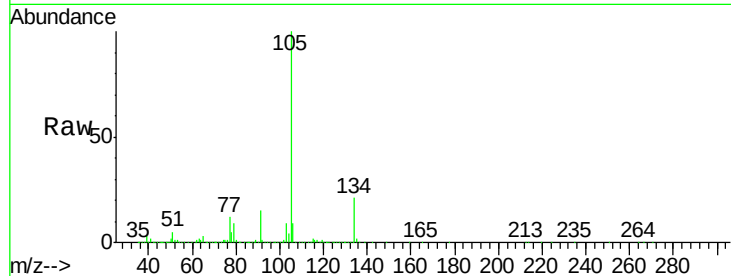
134 21.1 10.7 31.9

Manual Integrations

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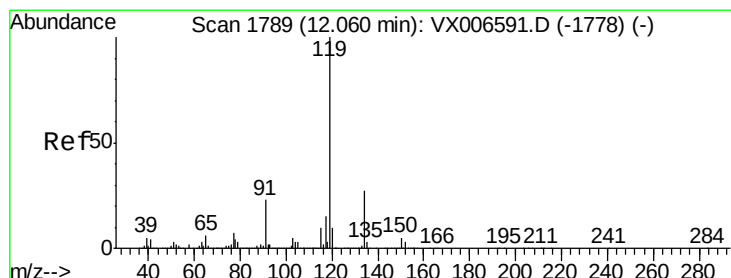
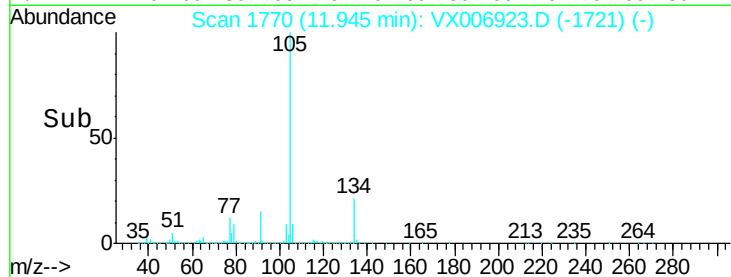
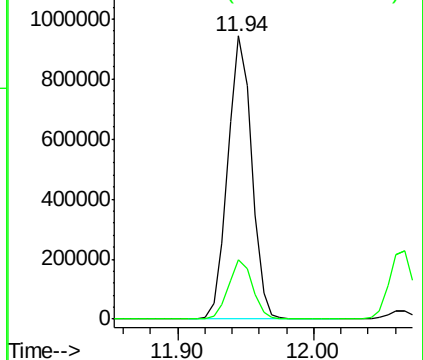
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.794 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006923.D

Acq: 04 Jan 2019 19:38

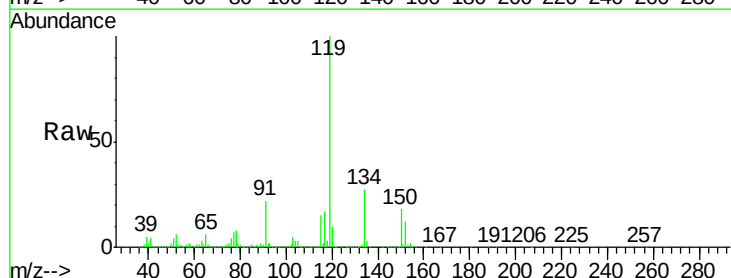
Tgt Ion:119 Resp: 1030857

Ion Ratio Lower Upper

119 100

134 27.0 14.0 41.9

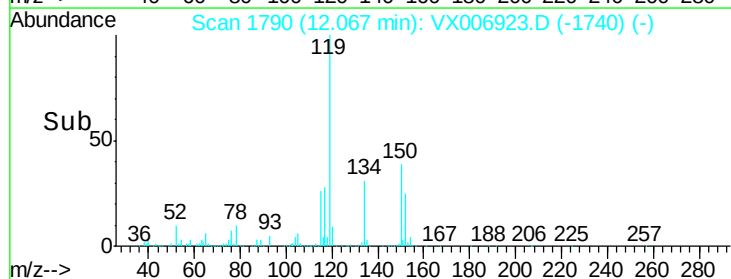
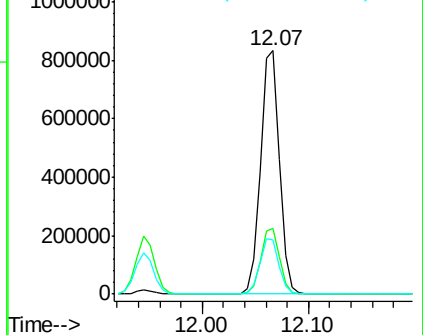
91 22.8 11.3 33.9

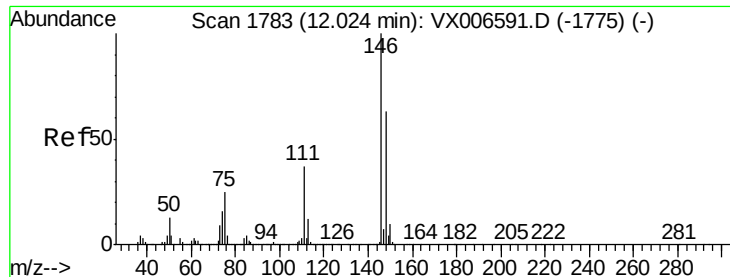


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





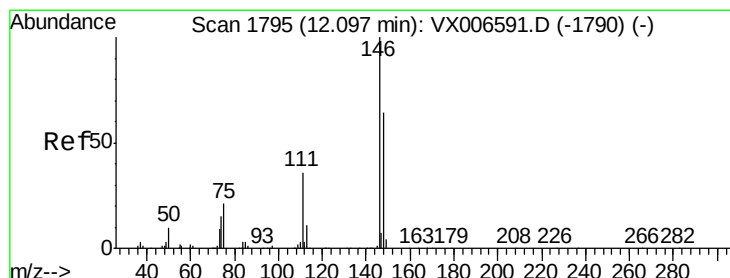
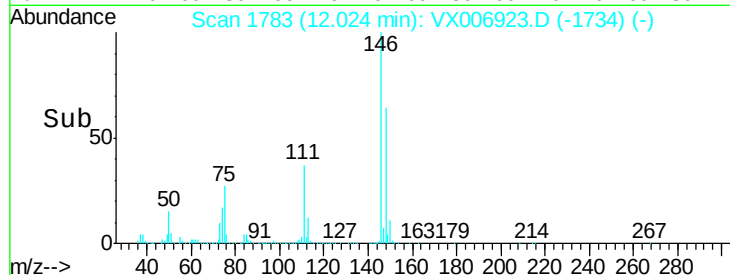
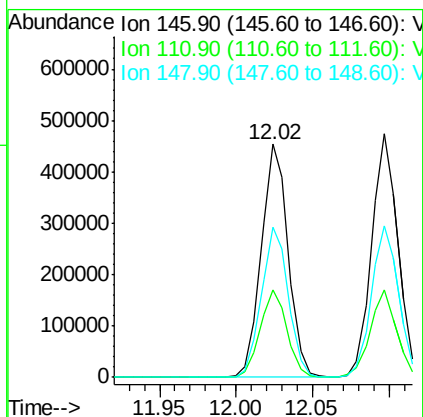
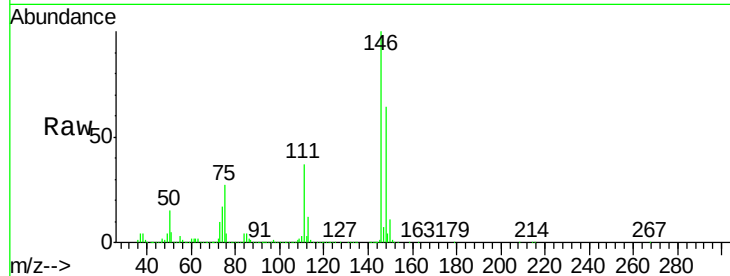
#87
 1,3-Dichlorobenzene
 Concen: 48.057 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.8	31.8	95.3

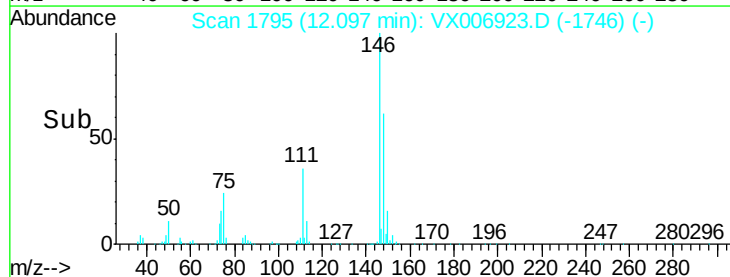
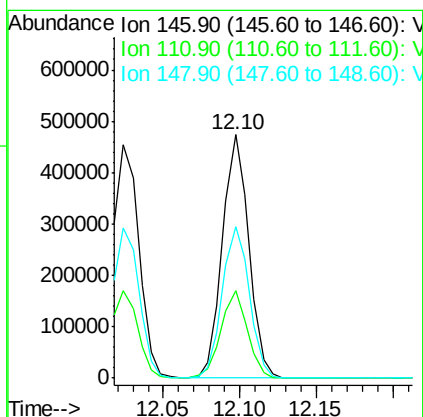
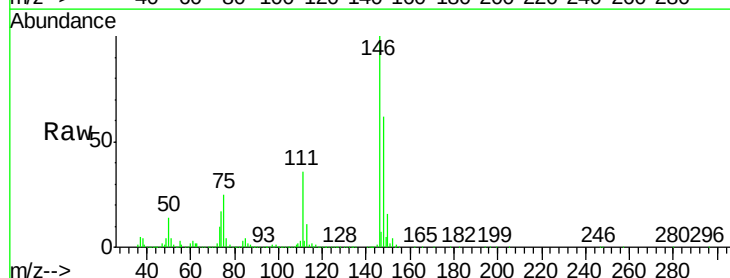
Manual Integrations
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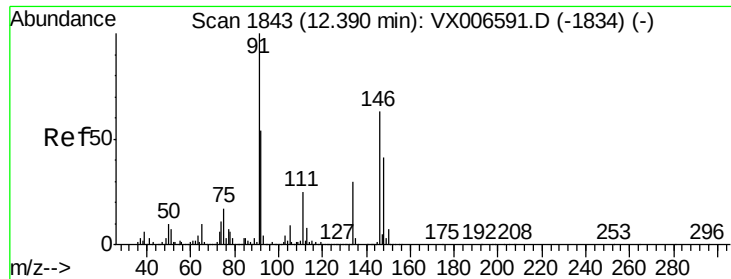
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 1/7/2019 11:04:24 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.630 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.2	31.9	95.9





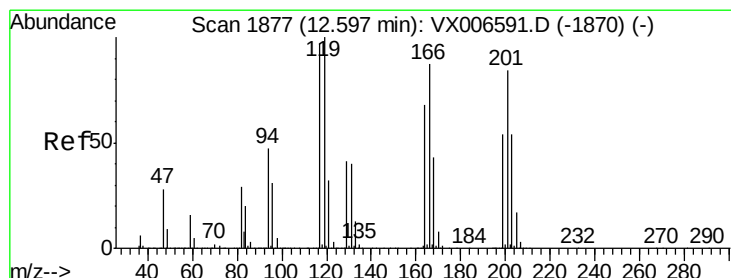
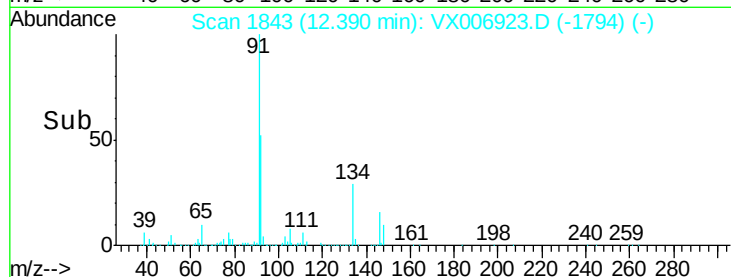
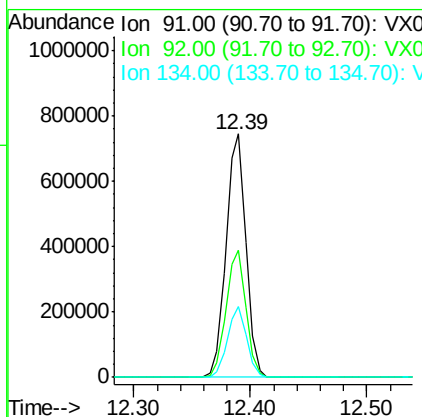
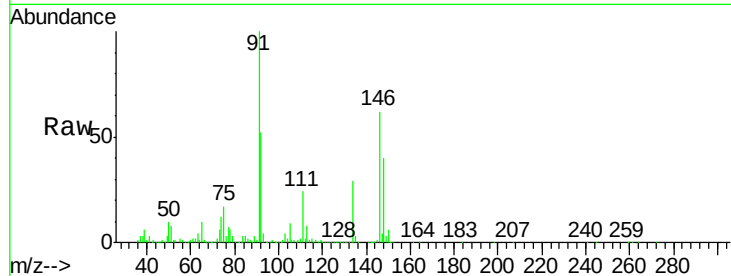
#89
n-Butylbenzene
Concen: 48.766 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.8	80.4
134	28.2	14.4	43.2

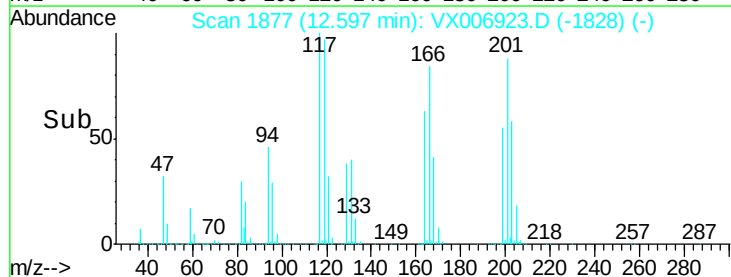
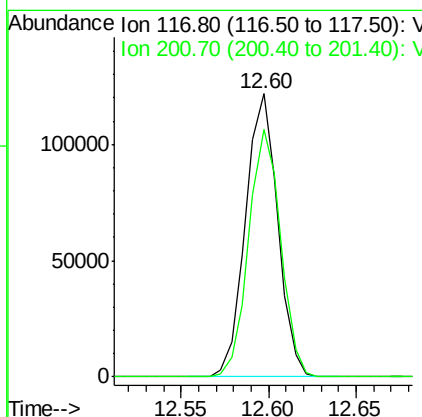
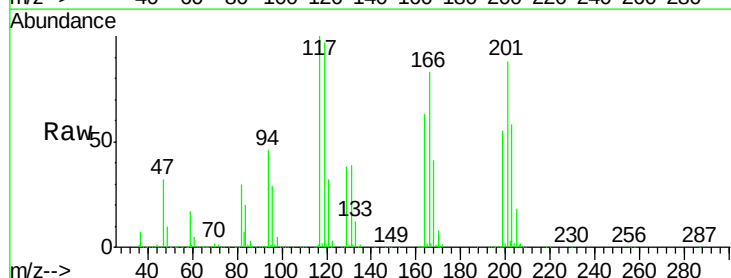
Manual Integrations
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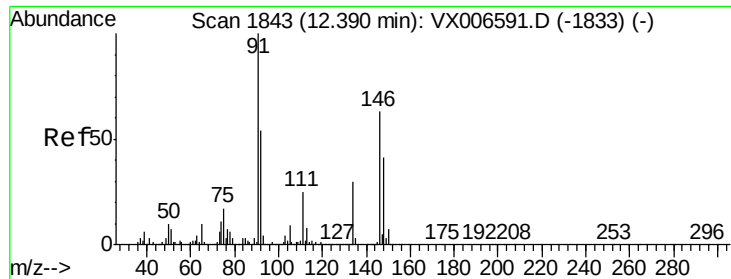
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1/7/2019 11:04:24 AM



#90
Hexachloroethane
Concen: 47.415 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	42.9	128.7





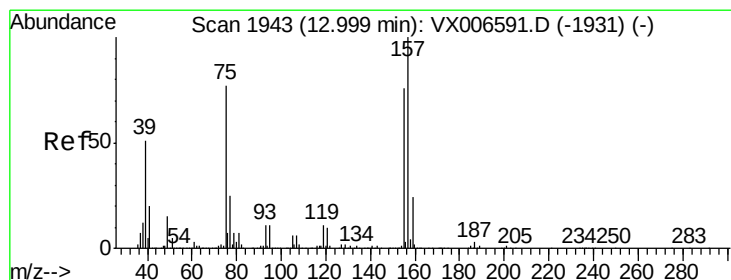
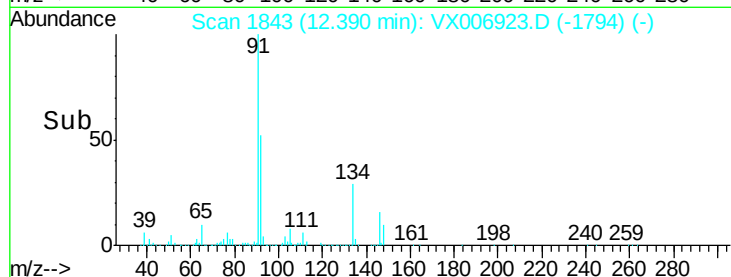
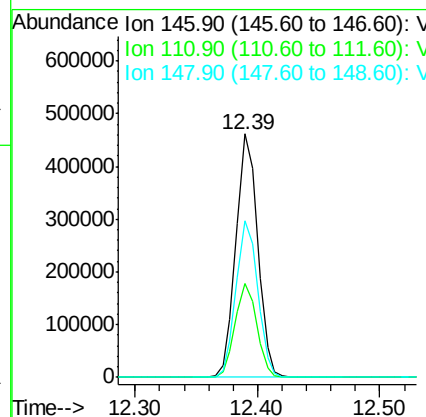
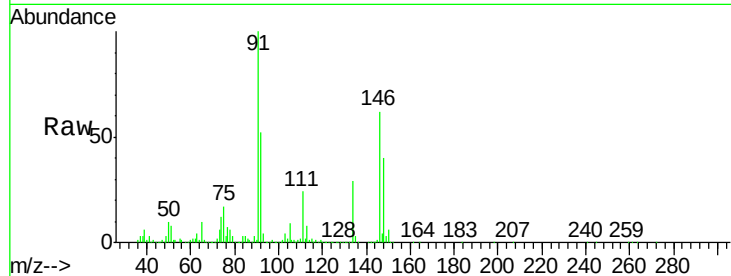
#91
 1,2-Dichlorobenzene
 Concen: 48.864 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	64.3	32.3	96.9

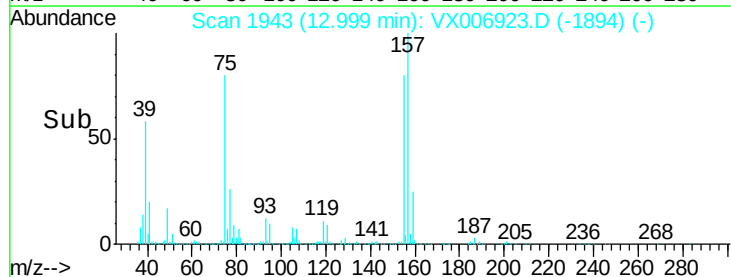
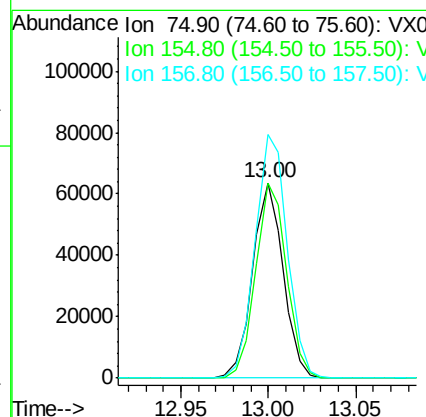
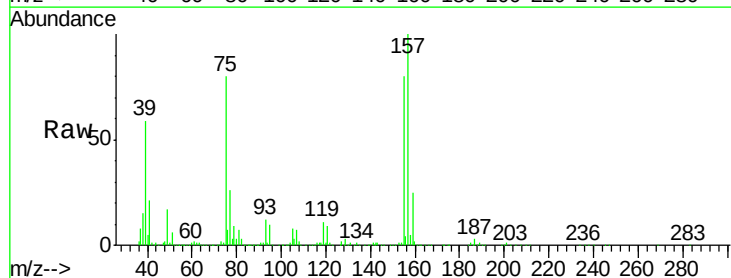
Manual Integrations
 APPROVED

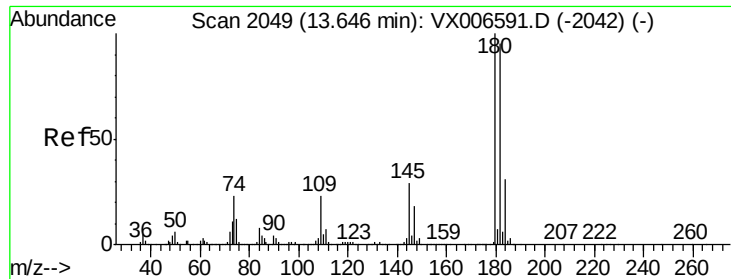
MMDadoda
 1/7/2019 11:04:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.559 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006923.D
 Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	50.6	151.8
157	132.0	64.6	193.8





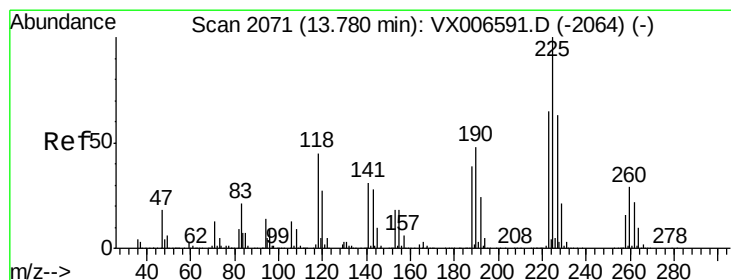
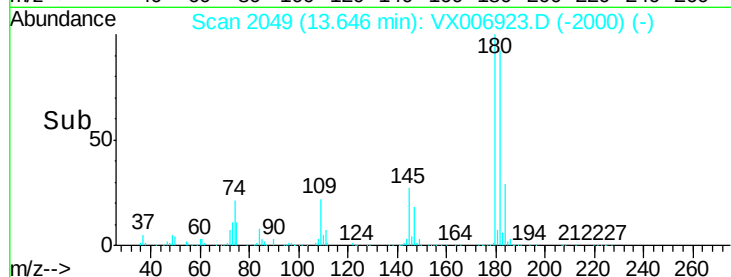
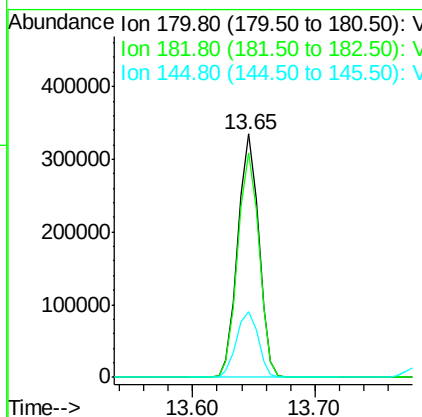
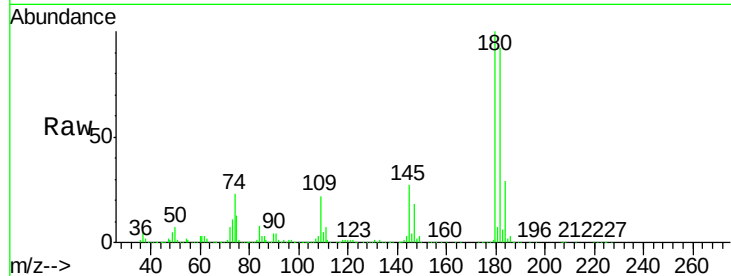
#93
1,2,4-Trichlorobenzene
Concen: 49.504 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	395777		
182	93.8	47.3	142.0	
145	28.2	14.8	44.3	

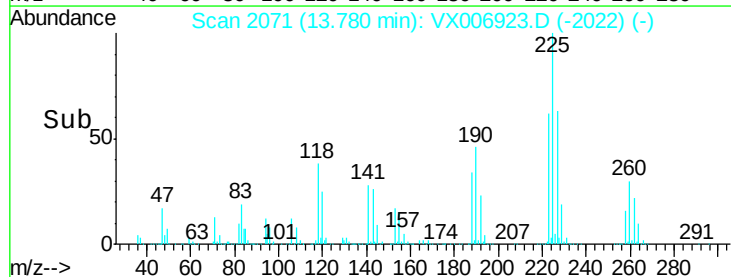
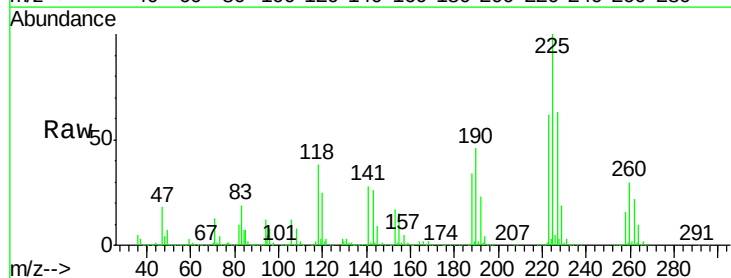
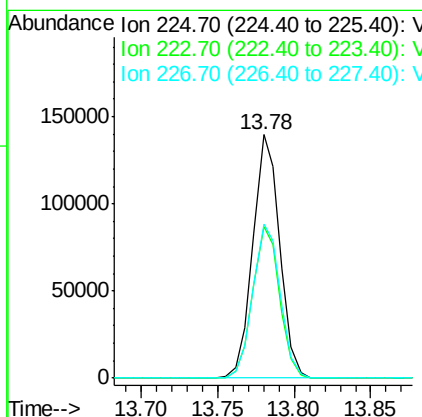
Manual Integrations
APPROVED

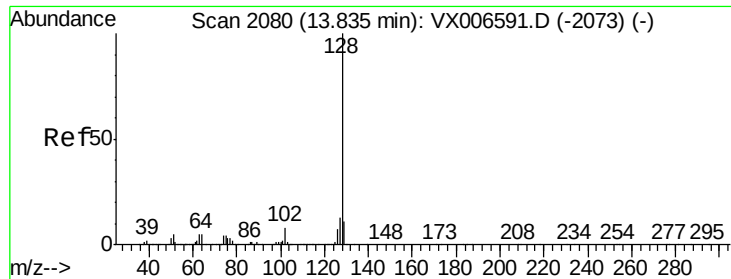
MMDadoda
1/7/2019 11:04:24 AM



#94
Hexachlorobutadiene
Concen: 45.024 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	169665		
223	62.6	32.1	96.3	
227	64.6	32.3	96.8	





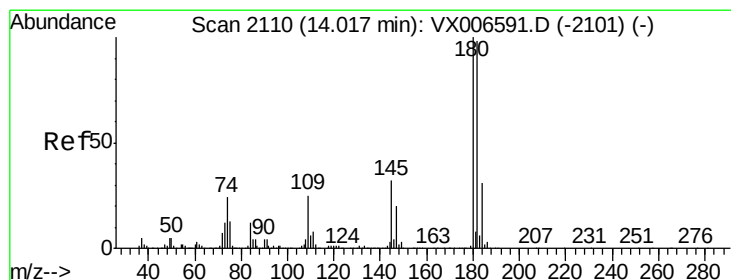
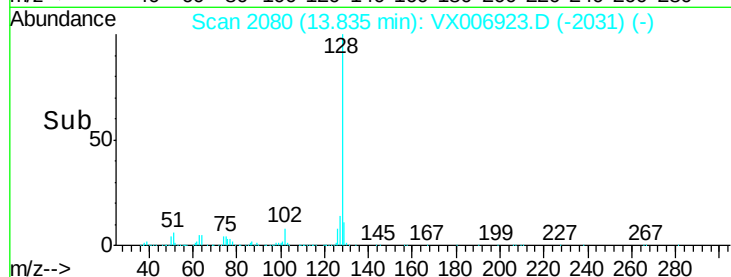
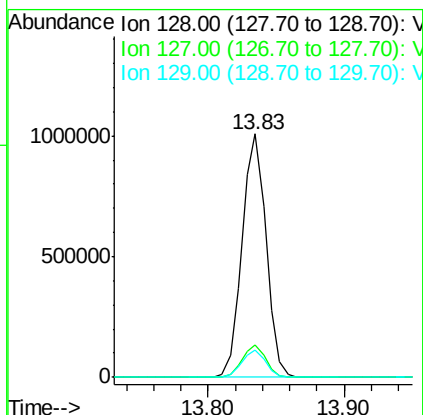
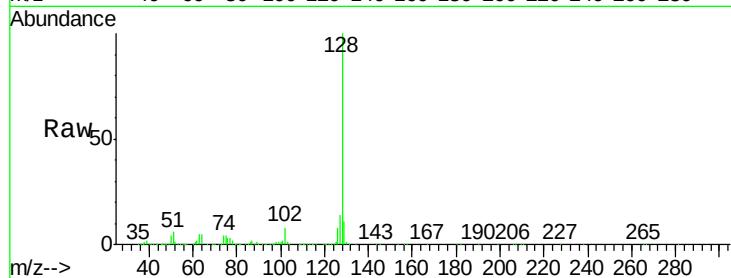
#95
Naphthalene
Concen: 48.553 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/7/2019 11:04:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.318 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006923.D
Acq: 04 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.5
145	30.9	16.0	47.9

