

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082219\
 Data File : VX011783.D
 Acq On : 22 Aug 2019 23:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 8:42:04 AM

Quant Time: Aug 23 03:54:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	388515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	530852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	489019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	181602	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
35) Dibromofluoromethane	5.49	113	167700	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	8.71	98	607671	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	227026	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	177052	48.829	ug/l	100
3) Chloromethane	1.32	50	162088	50.973	ug/l	99
4) Vinyl Chloride	1.40	62	158444	49.844	ug/l	98
5) Bromomethane	1.63	94	76679	43.787	ug/l	99
6) Chloroethane	1.71	64	89703	48.265	ug/l	95
7) Trichlorofluoromethane	1.92	101	250048	49.408	ug/l	100
8) Diethyl Ether	2.18	74	85987	49.967	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	146162	46.672	ug/l	98
10) Methyl Iodide	2.50	142	214413	56.053	ug/l	98
11) Tert butyl alcohol	3.04	59	182401	236.508	ug/l	99
12) 1,1-Dichloroethene	2.36	96	145818	47.752	ug/l	94
13) Acrolein	2.29	56	67589	226.716	ug/l	98
14) Allyl chloride	2.72	41	232096	48.629	ug/l	98
15) Acrylonitrile	3.14	53	446353	253.034	ug/l	99
16) Acetone	2.43	43	381772	224.867	ug/l	100
17) Carbon Disulfide	2.56	76	367341	47.578	ug/l	100
18) Methyl Acetate	2.76	43	244575	53.089	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	481242	49.130	ug/l	98
20) Methylene Chloride	2.85	84	162677	46.867	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	157700	47.879	ug/l	97
22) Diisopropyl ether	3.85	45	471343	50.927	ug/l	98
23) Vinyl Acetate	3.81	43	1912527	249.582	ug/l	98
24) 1,1-Dichloroethane	3.69	63	267887	49.023	ug/l	98
25) 2-Butanone	4.67	43	607574	249.321	ug/l	100
26) 2,2-Dichloropropane	4.57	77	168940	36.405	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	182337	48.273	ug/l	96
28) Bromochloromethane	5.01	49	129150	52.065	ug/l	96
29) Tetrahydrofuran	5.12	42	405782	259.763	ug/l	100
30) Chloroform	5.20	83	285860	48.217	ug/l	100
31) Cyclohexane	5.57	56	238035	49.600	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	255164	49.513	ug/l	100
36) 1,1-Dichloropropene	5.79	75	207899	49.942	ug/l	97
37) Ethyl Acetate	4.82	43	230385	52.298	ug/l	99
38) Carbon Tetrachloride	5.78	117	228370	48.407	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246090	47.705	ug/l	100
40) Benzene	6.13	78	628525	48.808	ug/l	98
41) Methacrylonitrile	5.04	41	125240	48.883	ug/l	97
42) 1,2-Dichloroethane	6.18	62	210971	44.817	ug/l	97
43) Isopropyl Acetate	6.44	43	345577	48.467	ug/l	98
44) Trichloroethene	7.21	130	188847	47.573	ug/l	98
45) 1,2-Dichloropropane	7.51	63	159994	49.430	ug/l	99
46) Dibromomethane	7.66	93	115204	48.276	ug/l	98
47) Bromodichloromethane	7.89	83	207920	48.401	ug/l	97
48) Methyl methacrylate	7.76	41	179659	50.631	ug/l	98
49) 1,4-Dioxane	7.73	88	92376	939.586	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1167545	248.509	ug/l	99
52) Toluene	8.78	92	413487	49.619	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	218224	48.390	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	245102	49.821	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	170258	49.039	ug/l	99
56) Ethyl methacrylate	9.18	69	256827	52.015	ug/l	96
57) 1,3-Dichloropropane	9.37	76	266328	47.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	693391	266.961	ug/l	99
59) 2-Hexanone	9.49	43	888342	246.351	ug/l	97
60) Dibromochloromethane	9.58	129	189419	50.461	ug/l	98
61) 1,2-Dibromoethane	9.67	107	189417	50.846	ug/l	100
64) Tetrachloroethene	9.34	164	195201	50.035	ug/l	98
65) Chlorobenzene	10.13	112	468046	49.024	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	181811	50.827	ug/l	99
67) Ethyl Benzene	10.25	91	785852	49.255	ug/l	98
68) m/p-Xylenes	10.35	106	619909	100.768	ug/l	98
69) o-Xylene	10.69	106	303392	50.231	ug/l	96
70) Styrene	10.71	104	520384	51.503	ug/l	97
71) Bromoform	10.85	173	157681	51.098	ug/l #	98
73) Isopropylbenzene	11.02	105	799792	49.031	ug/l	100
74) N-amyl acetate	10.90	43	312528	49.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	259606	48.082	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	222225m	46.788	ug/l	
77) Bromobenzene	11.25	156	235572	48.987	ug/l	97
78) n-propylbenzene	11.36	91	864915	49.588	ug/l	100
79) 2-Chlorotoluene	11.42	91	519598	47.883	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	679805	49.949	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	72837	46.249	ug/l	98
82) 4-Chlorotoluene	11.51	91	602418	48.162	ug/l	97
83) tert-Butylbenzene	11.77	119	683022	50.866	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	682998	49.694	ug/l	100
85) sec-Butylbenzene	11.94	105	779104	50.722	ug/l	98
86) p-Isopropyltoluene	12.06	119	740280	50.091	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	409022	49.392	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	407479	48.635	ug/l	98
89) n-Butylbenzene	12.38	91	588247	48.082	ug/l	99
90) Hexachloroethane	12.59	117	114474	49.858	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	410516	49.149	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60680	48.349	ug/l	98

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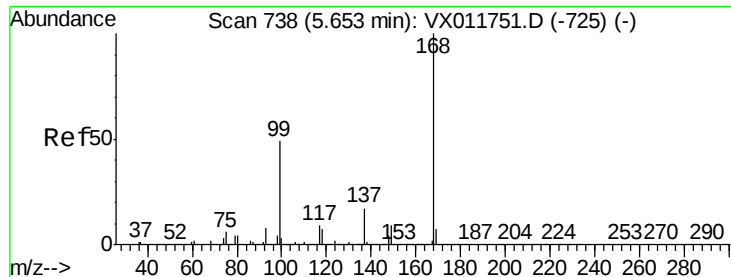
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	310314	50.508	ug/l	99
94) Hexachlorobutadiene	13.78	225	164833	48.961	ug/l	100
95) Naphthalene	13.83	128	914313	54.033	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	315822	51.195	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 388515

Ion Ratio Lower Upper

168 100

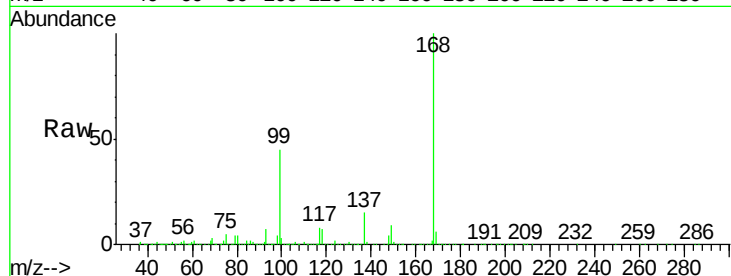
99 44.2 39.4 59.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

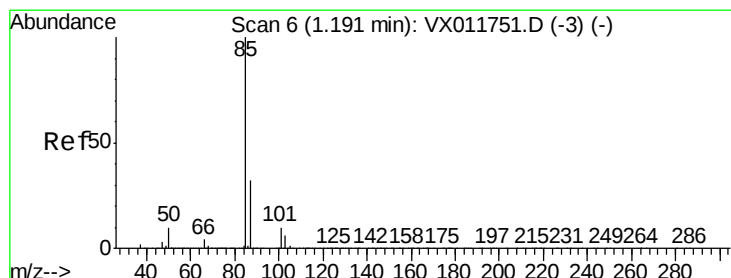
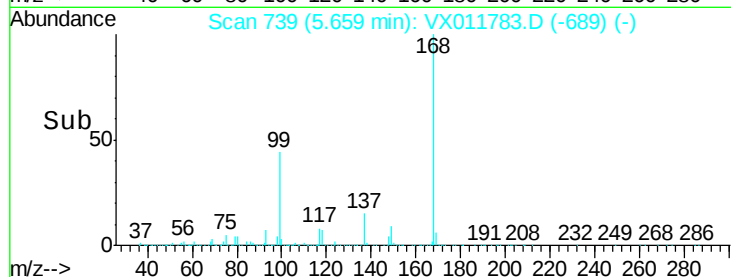
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.829 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011783.D

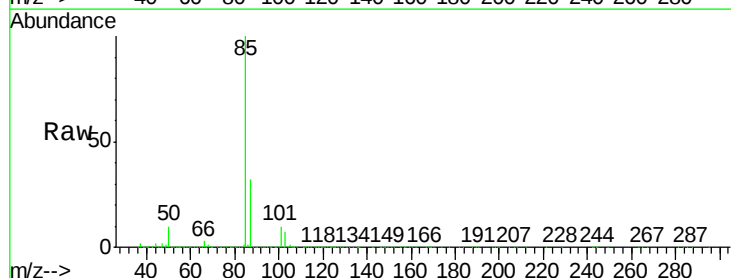
Acq: 22 Aug 2019 23:34

Tgt Ion: 85 Resp: 177052

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

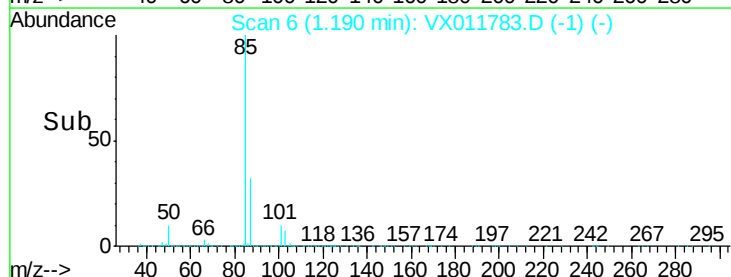
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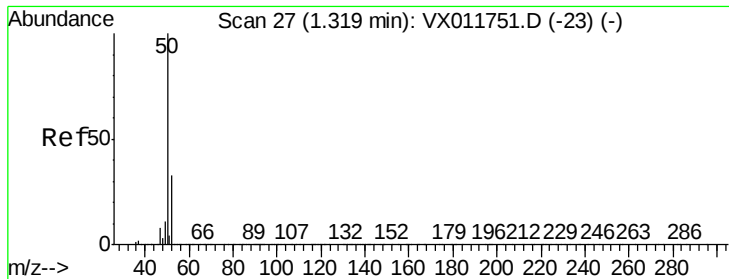
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.973 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 162088

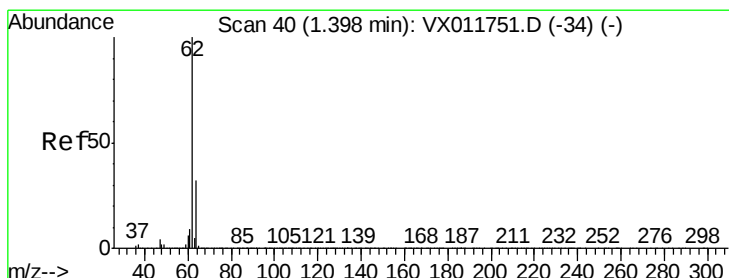
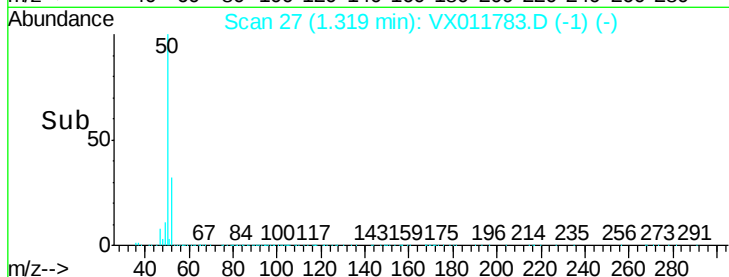
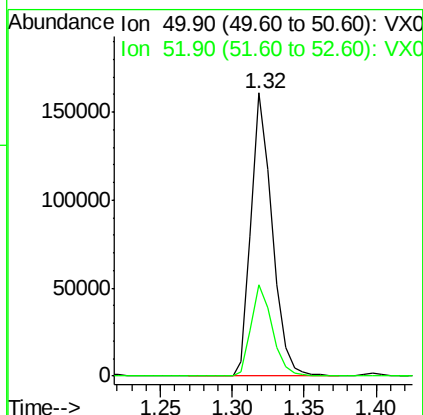
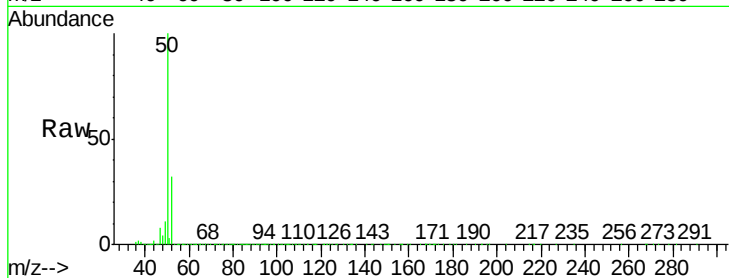
Ion Ratio Lower Upper

50 100

52 32.4 26.6 39.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.844 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011783.D

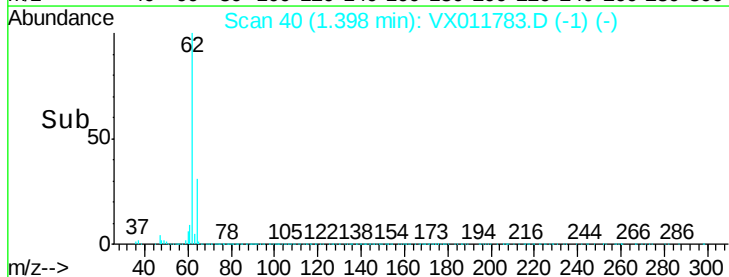
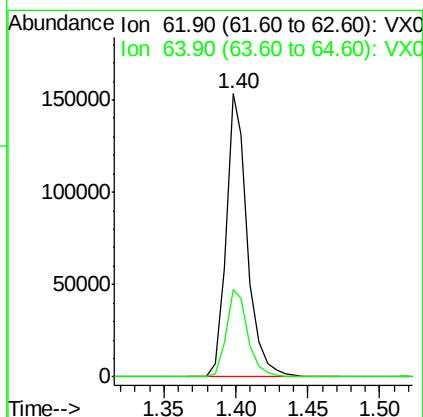
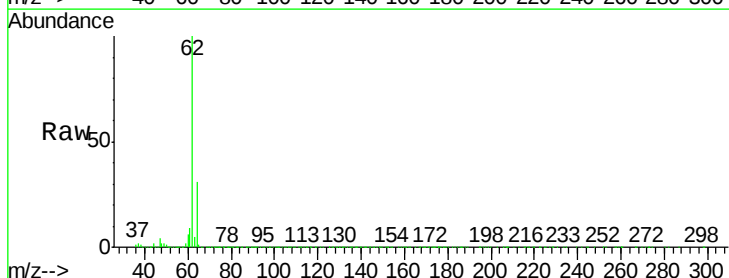
Acq: 22 Aug 2019 23:34

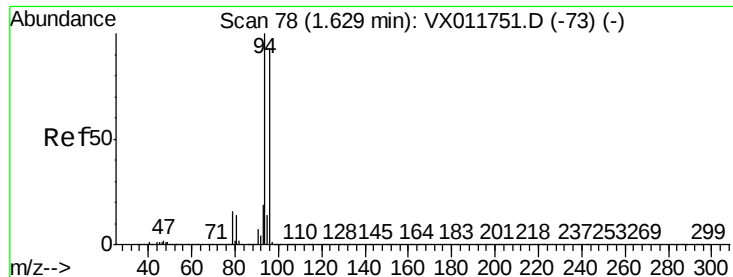
Tgt Ion: 62 Resp: 158444

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 43.787 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 76679

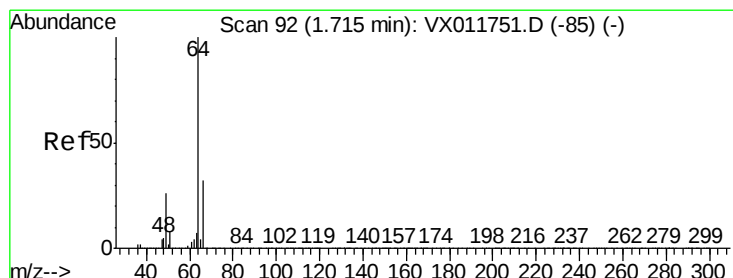
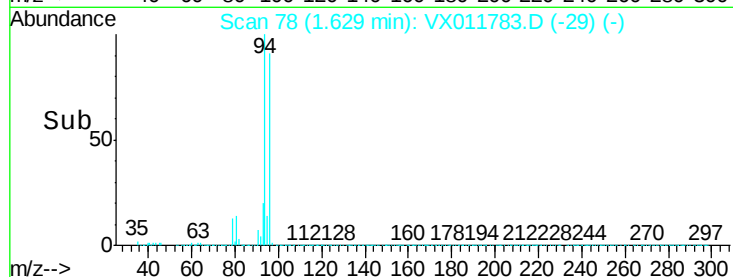
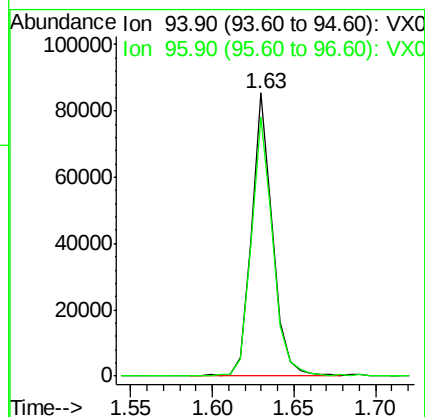
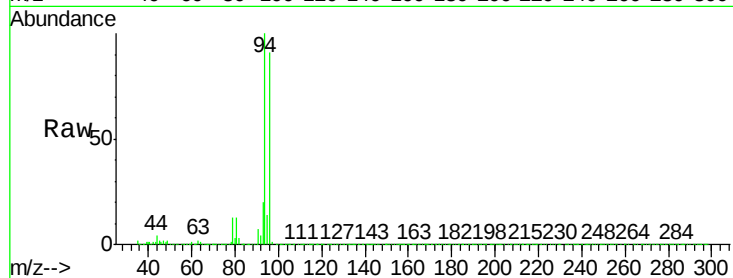
Ion Ratio Lower Upper

94 100

96 91.4 74.1 111.1

Manual Integrations
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#6

Chloroethane

Concen: 48.265 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011783.D

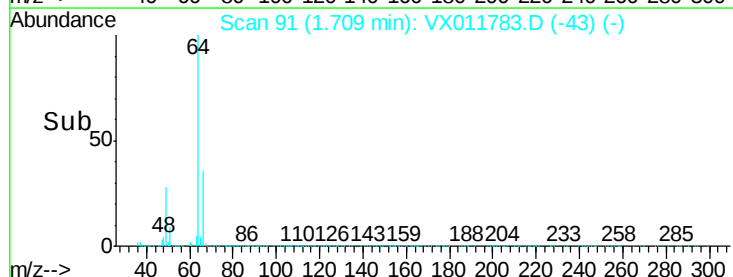
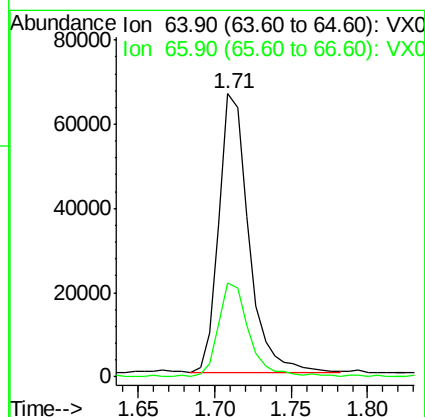
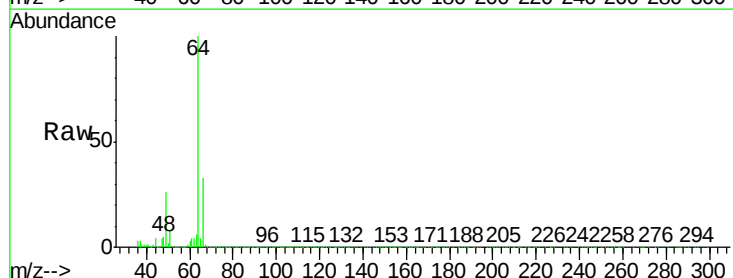
Acq: 22 Aug 2019 23:34

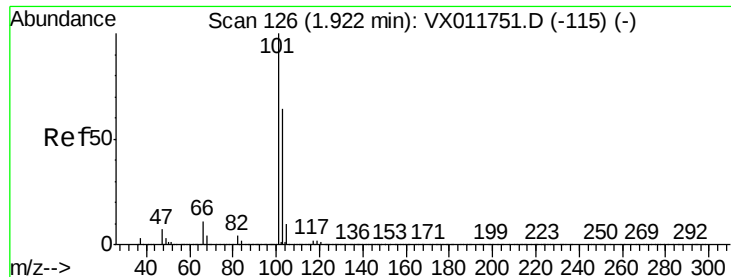
Tgt Ion: 64 Resp: 89703

Ion Ratio Lower Upper

64 100

66 33.6 24.9 37.3





#7

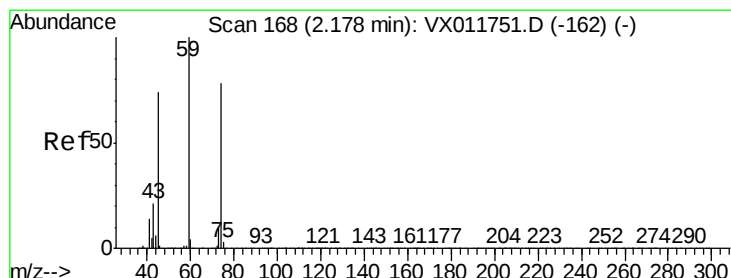
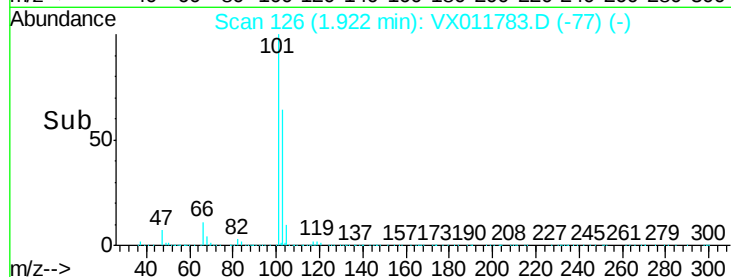
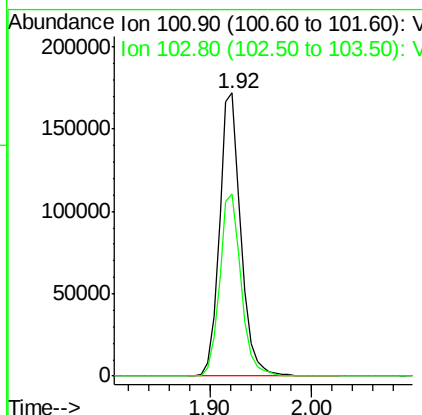
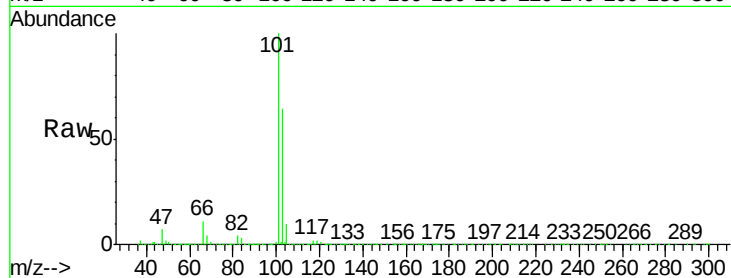
Trichlorofluoromethane
Concen: 49.408 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.2	76.8

Manual Integrations
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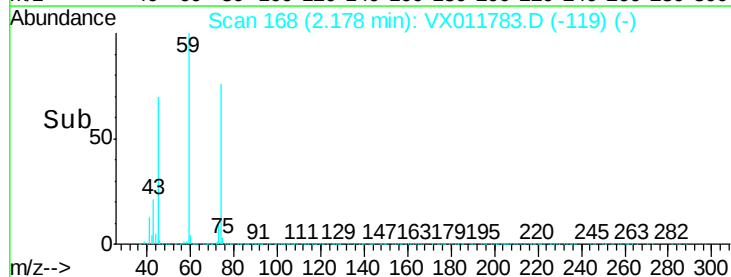
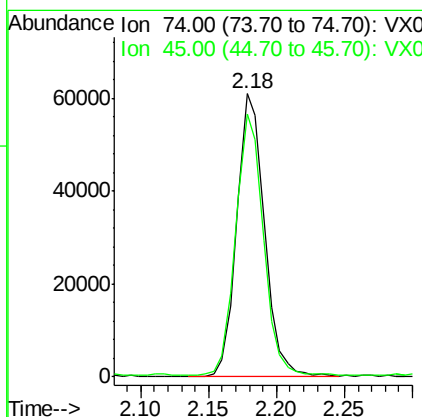
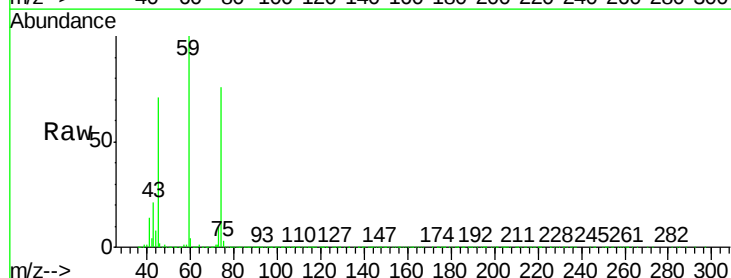
MMDadoda
8/23/2019 8:42:04 AM

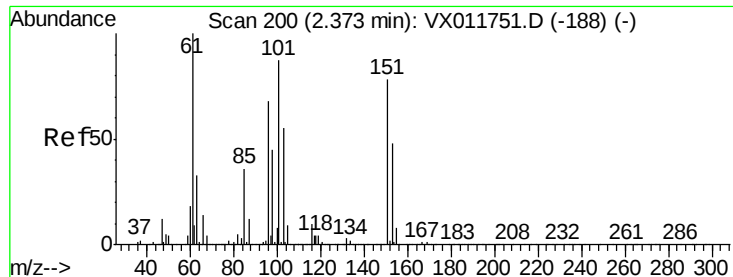


#8

Diethyl Ether
Concen: 49.967 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	46.7	140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.672 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

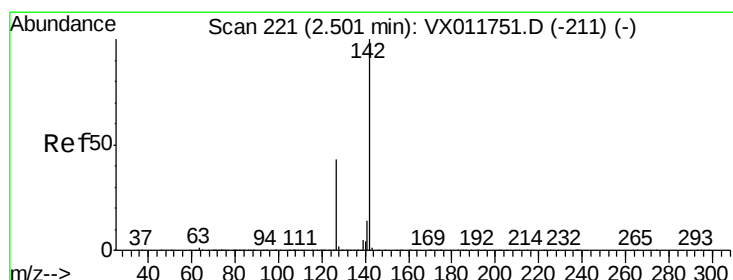
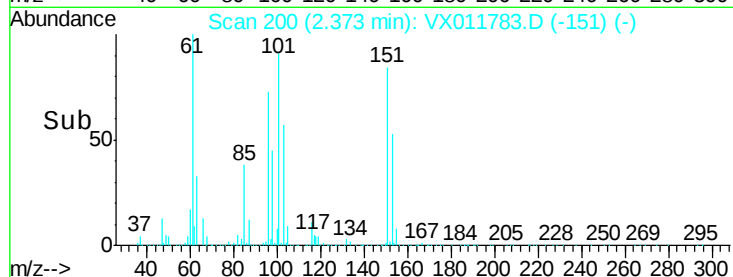
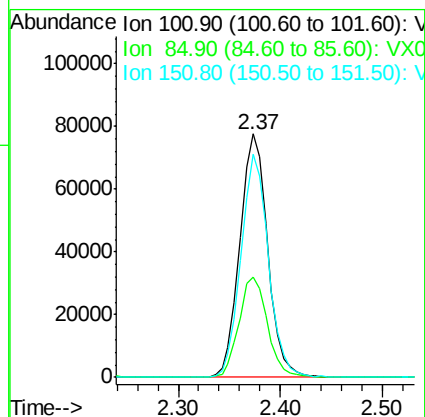
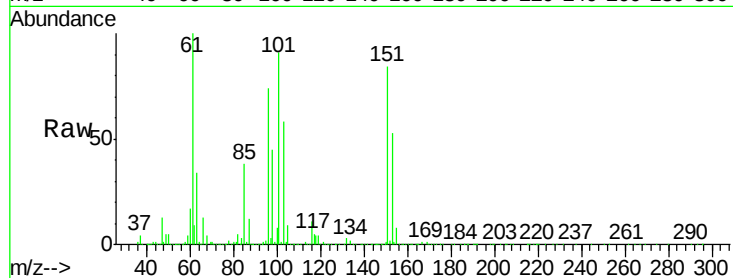
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	146162
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.7	50.5
151	91.3	71.4	107.2

Manual Integrations
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#10

Methyl Iodide

Concen: 56.053 ug/l

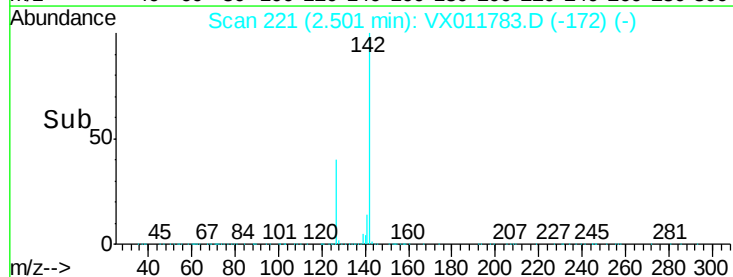
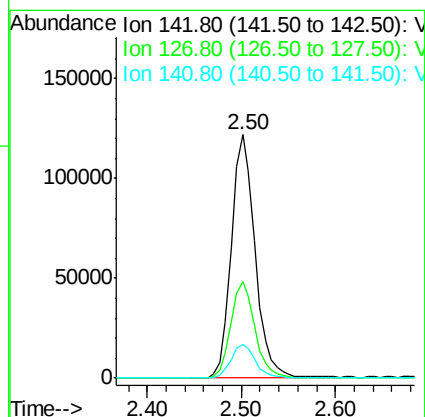
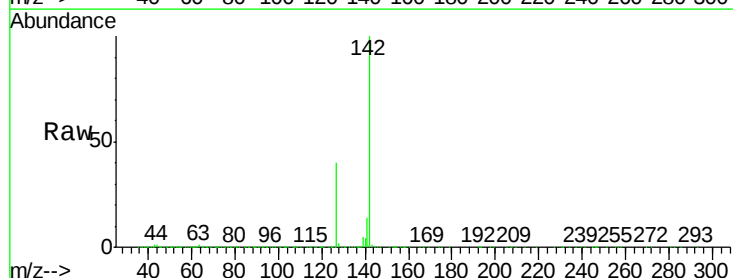
RT: 2.50 min Scan# 221

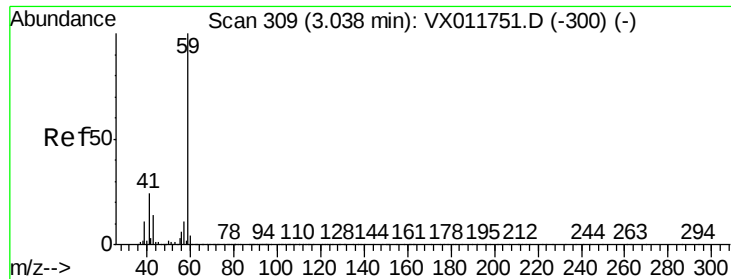
Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion:	142	Resp:	214413
Ion Ratio	Lower	Upper	
142	100		
127	40.3	33.5	50.3
141	14.3	11.4	17.2





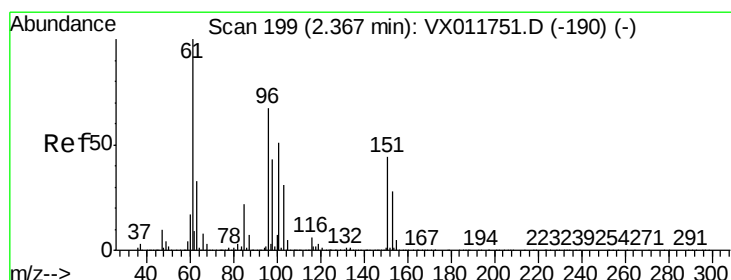
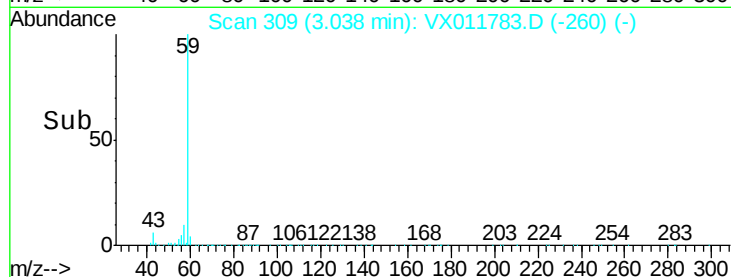
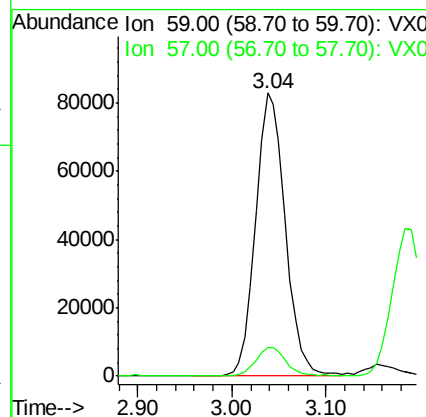
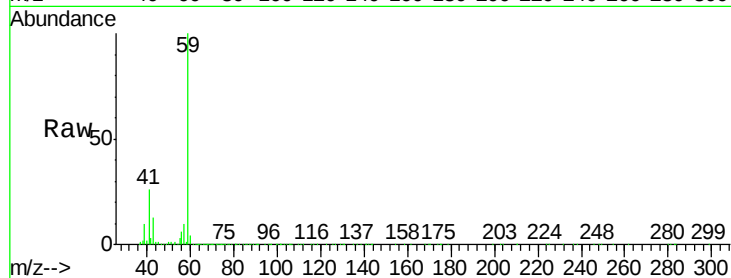
#11
Tert butyl alcohol
Concen: 236.508 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

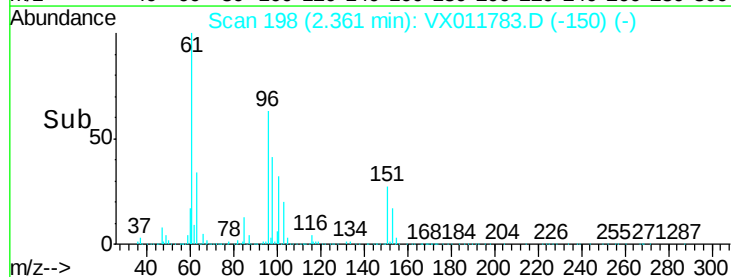
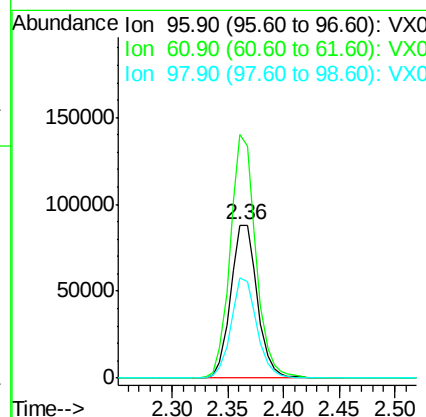
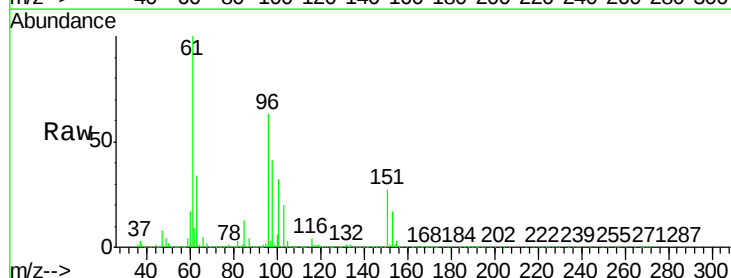
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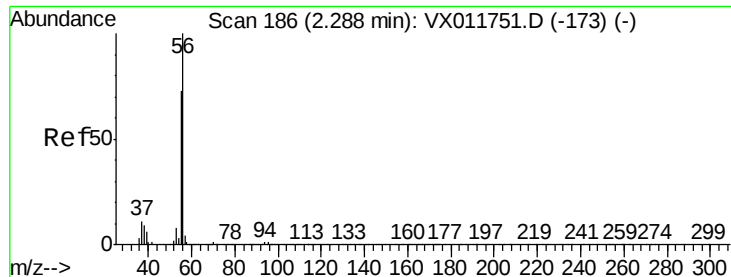
MMDadoda
8/23/2019 8:42:04 AM



#12
1,1-Dichloroethene
Concen: 47.752 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.0	119.4	179.2
98	65.4	51.2	76.8





#13

Acrolein

Concen: 226.716 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 67589

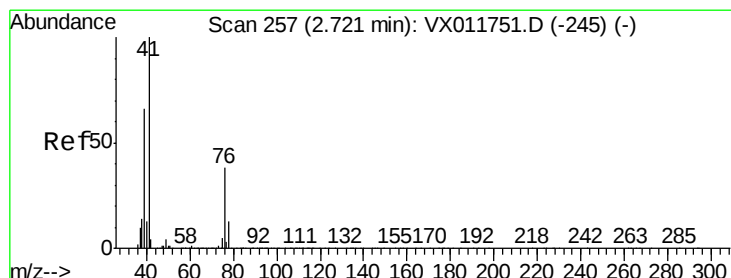
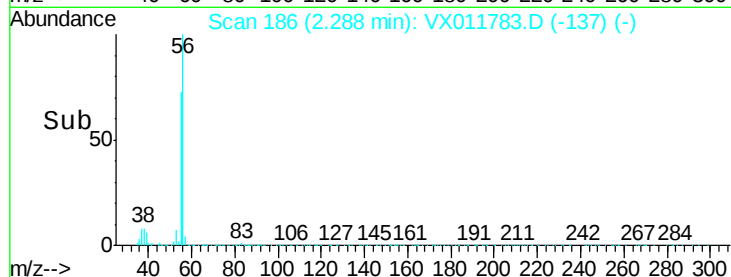
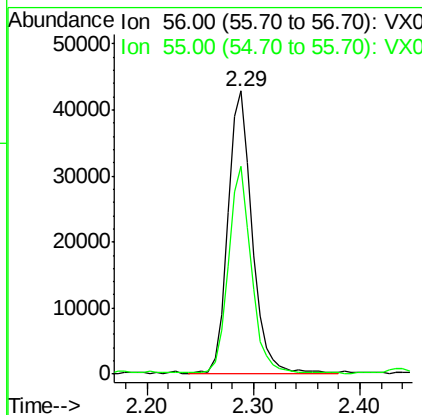
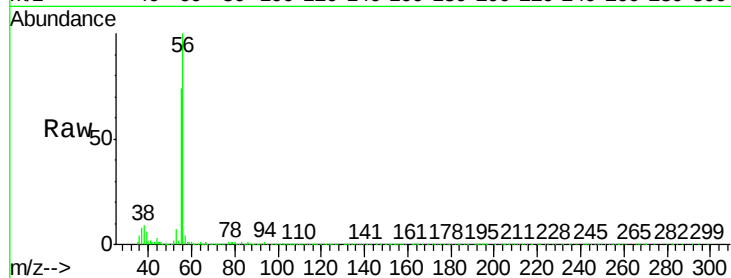
Ion Ratio Lower Upper

56 100

55 70.3 54.8 82.2

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#14

Allyl chloride

Concen: 48.629 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

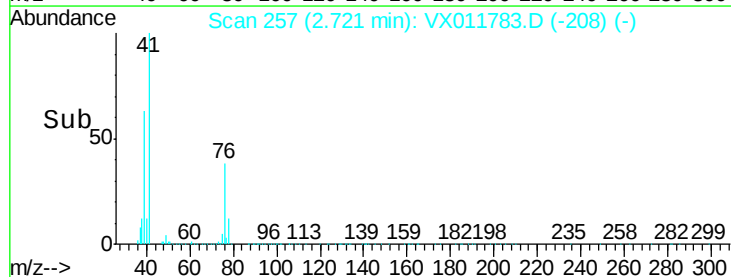
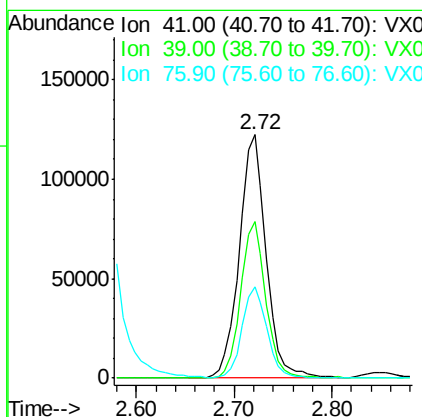
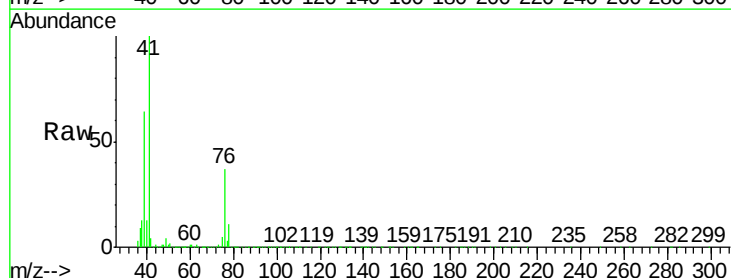
Tgt Ion: 41 Resp: 232096

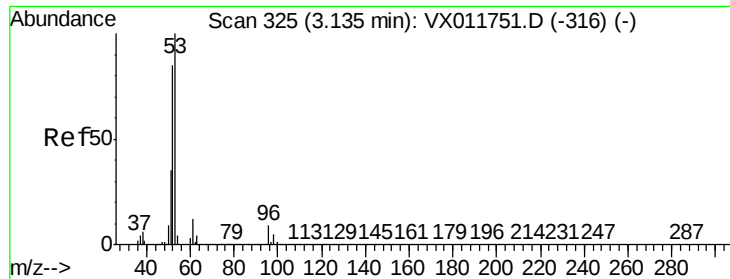
Ion Ratio Lower Upper

41 100

39 59.9 49.3 73.9

76 34.4 26.8 40.2





#15

Acrylonitrile

Concen: 253.034 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

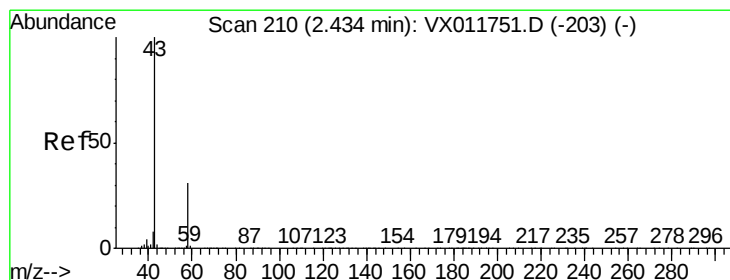
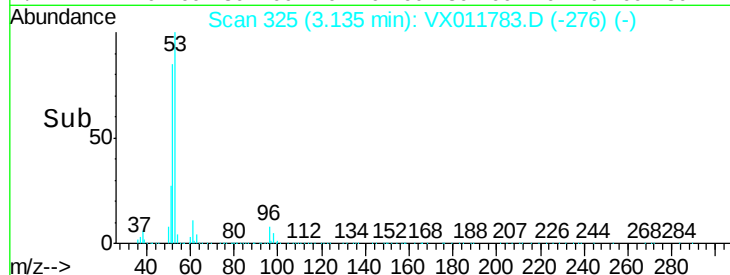
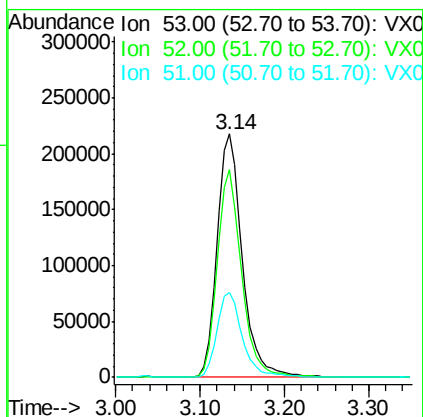
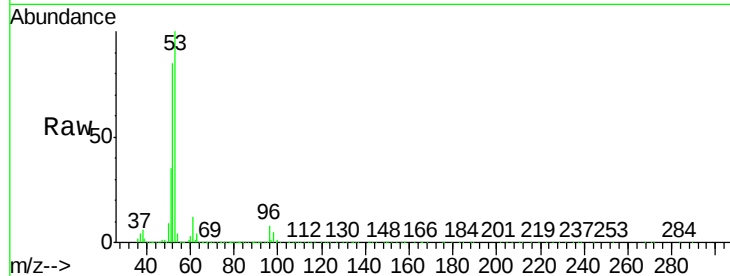
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	446353
Ion Ratio		Lower	Upper
53	100		
52	83.1	65.7	98.5
51	35.3	28.6	43.0

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#16

Acetone

Concen: 224.867 ug/l

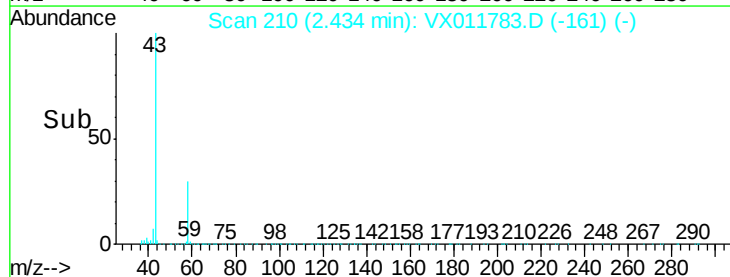
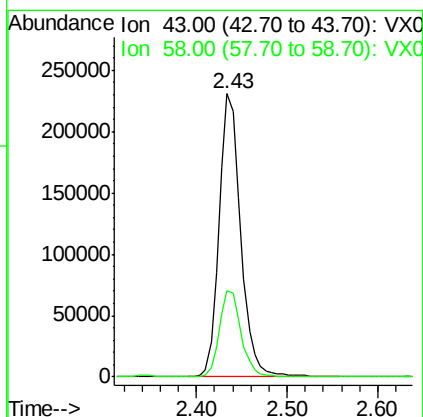
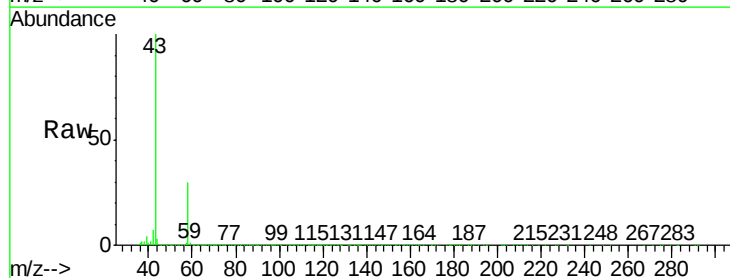
RT: 2.43 min Scan# 210

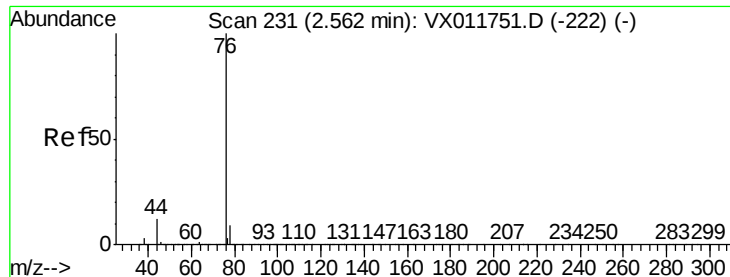
Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion:	43	Resp:	381772
Ion Ratio		Lower	Upper
43	100		
58	30.4	24.4	36.6





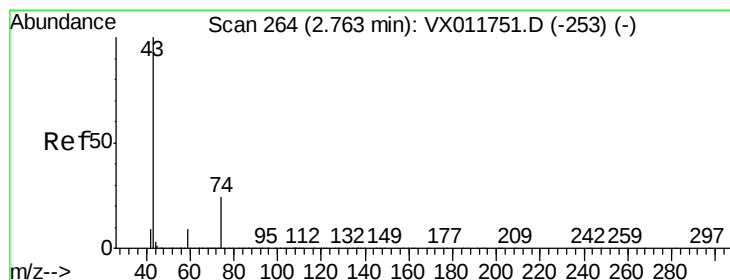
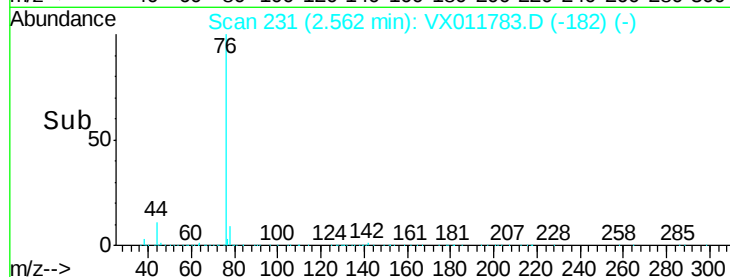
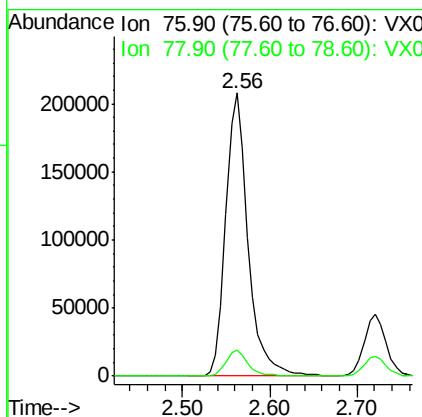
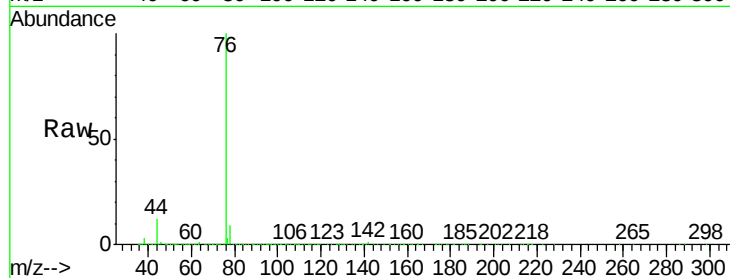
#17
Carbon Disulfide
Concen: 47.578 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

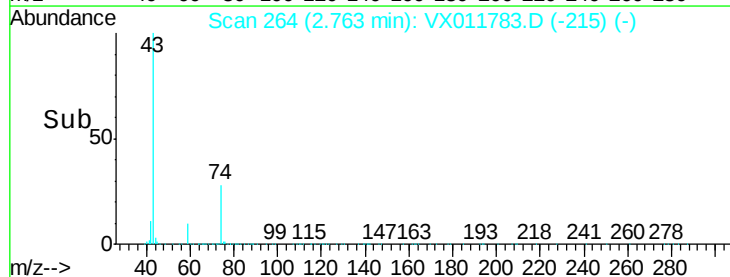
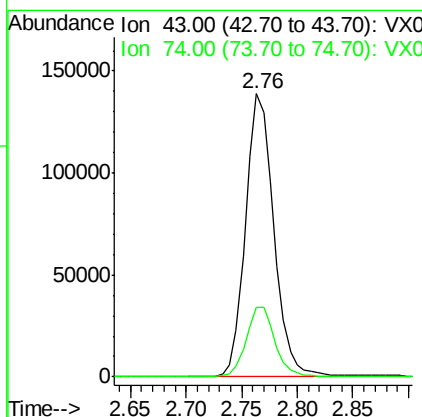
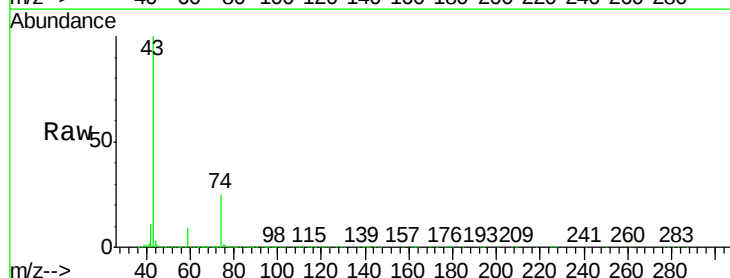
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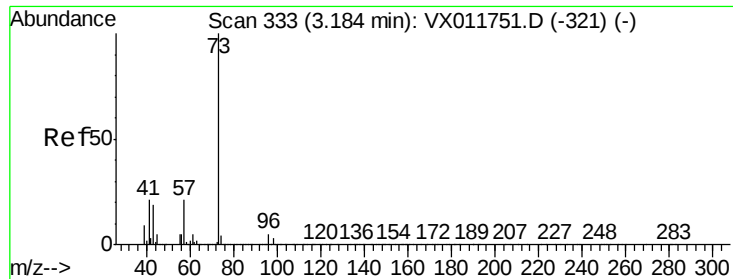
MMDadoda
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#18
Methyl Acetate
Concen: 53.089 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.5	29.3





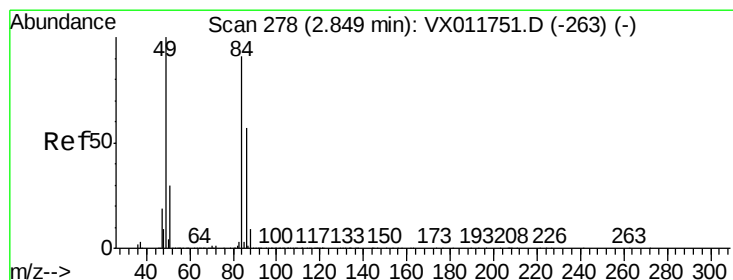
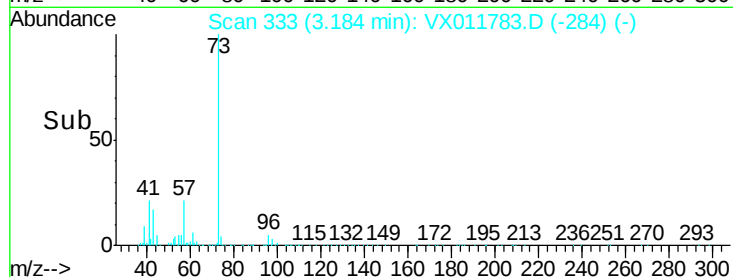
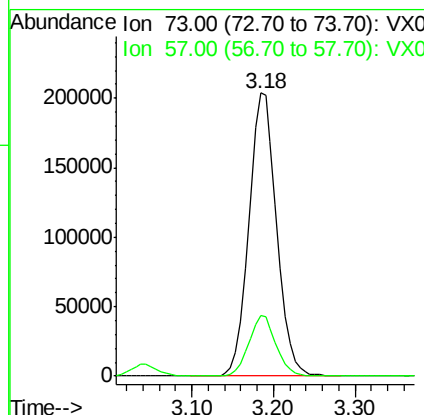
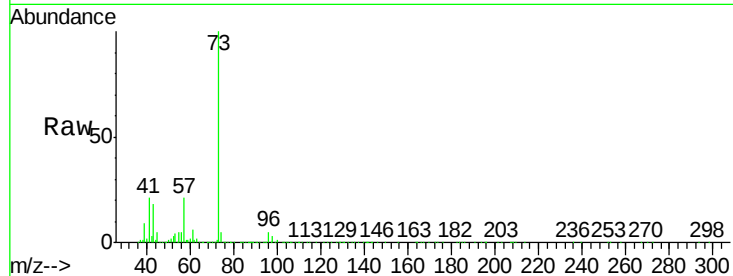
#19
Methvl tert-butvl Ether
Concen: 49.130 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.4	24.6

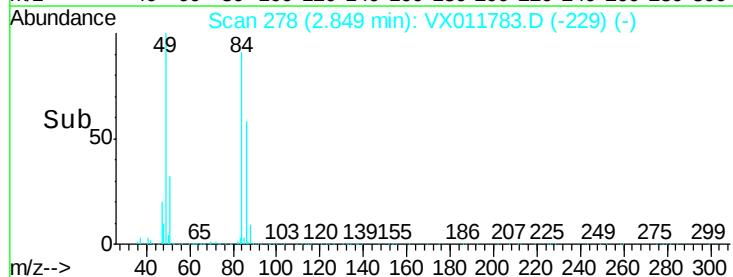
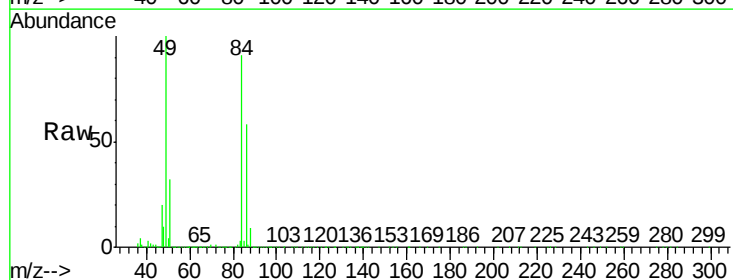
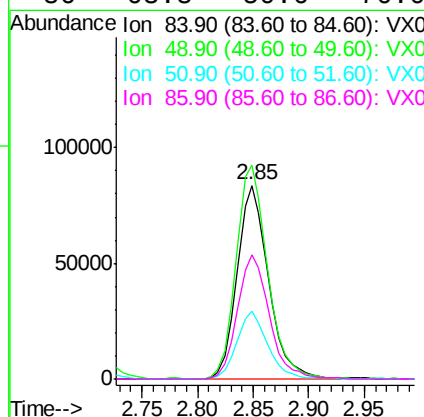
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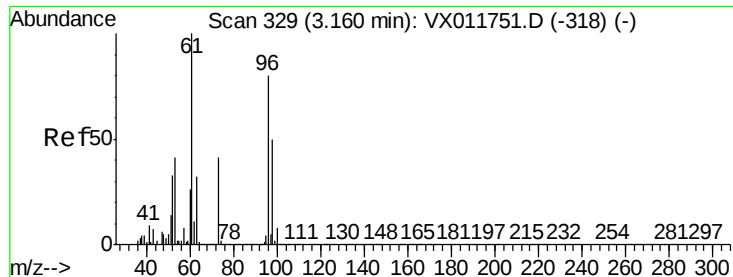
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#20
Methylene Chloride
Concen: 46.867 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.2	88.3	132.5
51	35.3	26.2	39.2
86	63.8	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 47.879 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

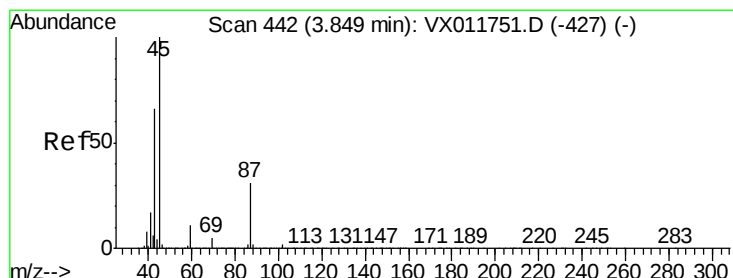
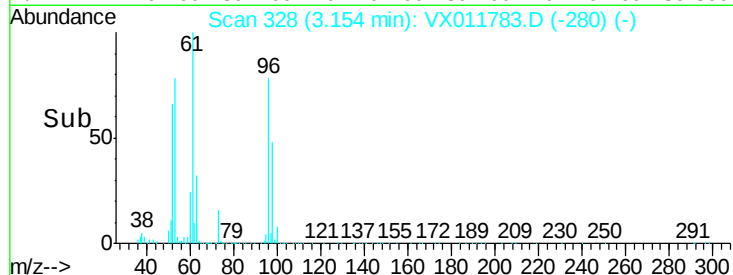
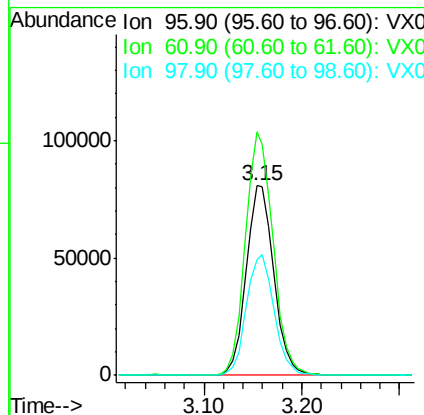
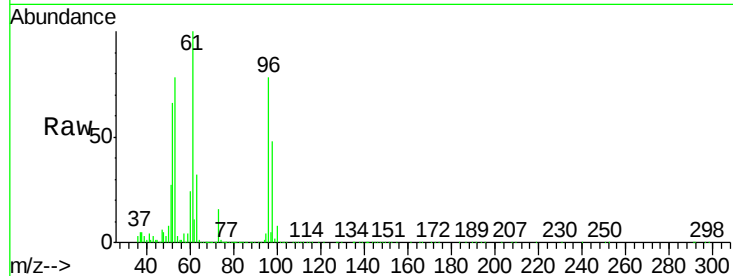
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	157700
Ion	Ratio	Lower	Upper
96	100		
61	128.4	99.8	149.8
98	61.4	50.3	75.5

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#22

Diisopropyl ether

Concen: 50.927 ug/l

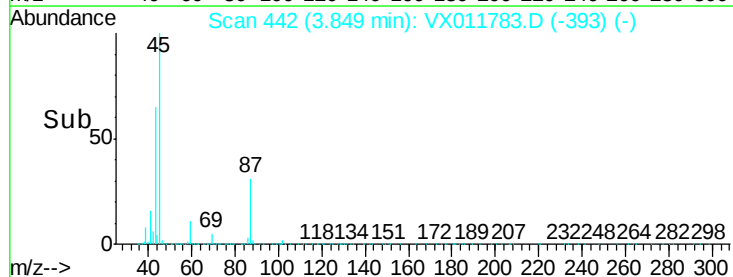
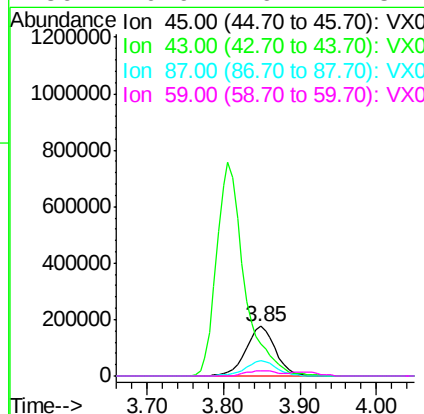
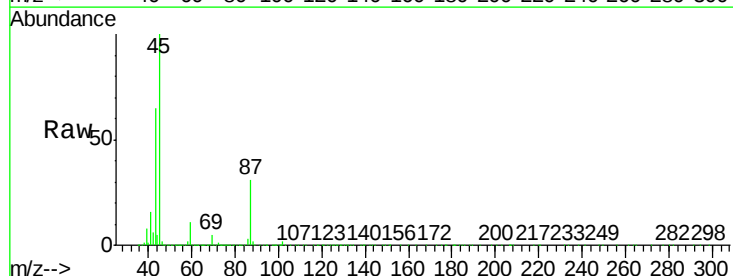
RT: 3.85 min Scan# 442

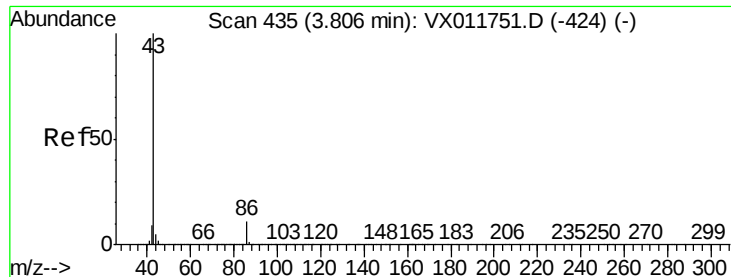
Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion:	45	Resp:	471343
Ion	Ratio	Lower	Upper
45	100		
43	64.7	53.0	79.6
87	30.6	24.7	37.1
59	10.9	9.1	13.7





#23

Vinyl Acetate

Concen: 249.582 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tot Ion: 43 Resp: 1912527

Ion Ratio Lower Upper

43 100

86 10.7 9.2 13.8

Instrument :

MSVOA_X

ClientSampleId :

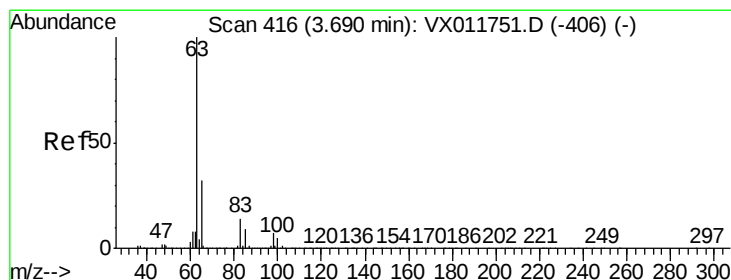
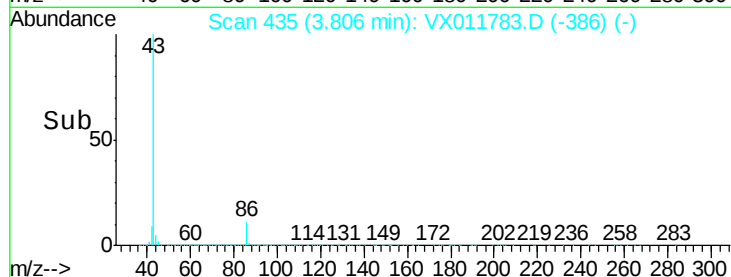
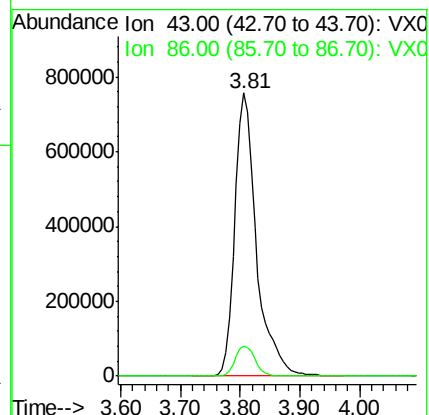
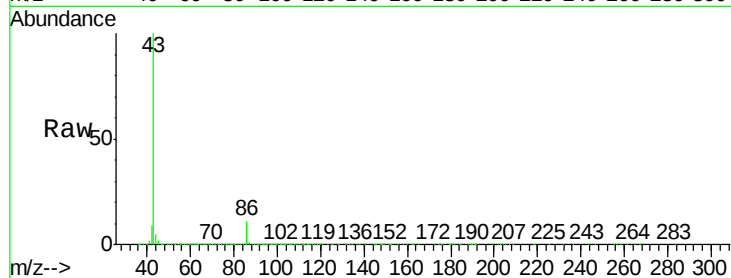
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 49.023 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

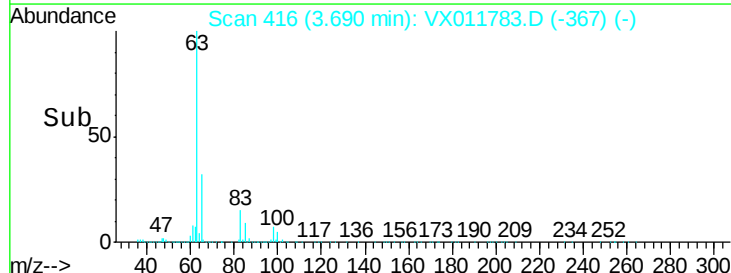
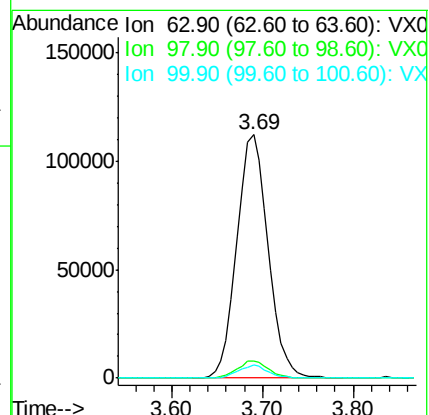
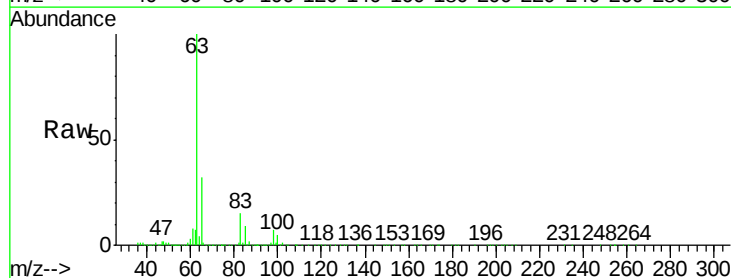
Tgt Ion: 63 Resp: 267887

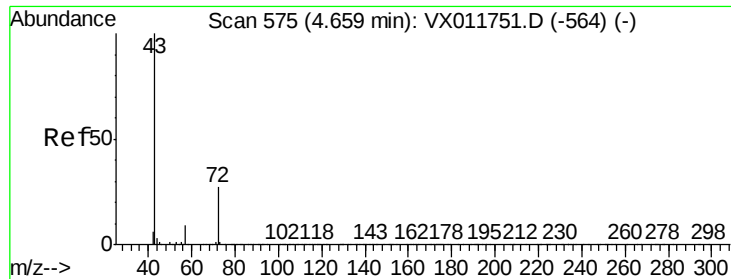
Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 5.3 2.3 6.9





#25

2-Butanone

Concen: 249.321 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 607574

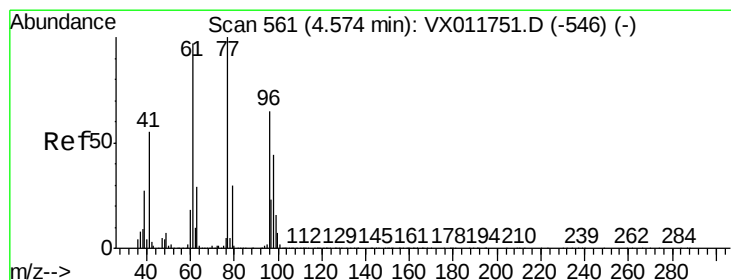
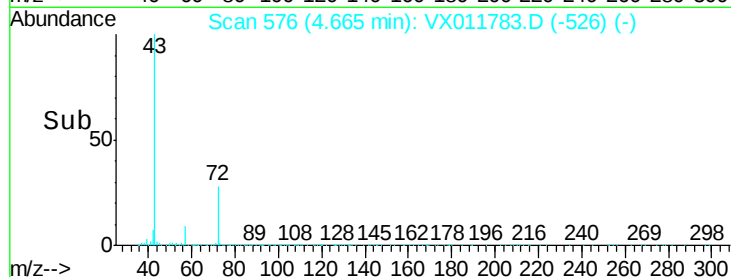
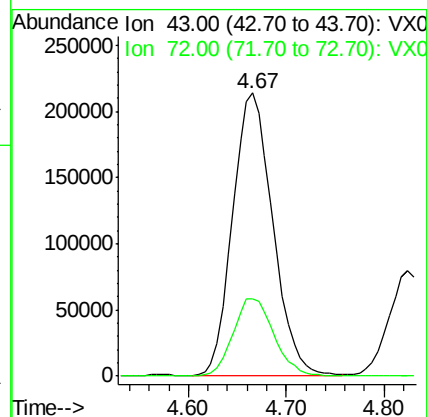
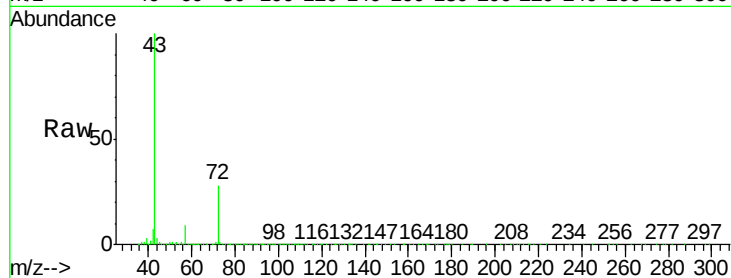
Ion Ratio Lower Upper

43 100

72 27.4 21.8 32.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 36.405 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011783.D

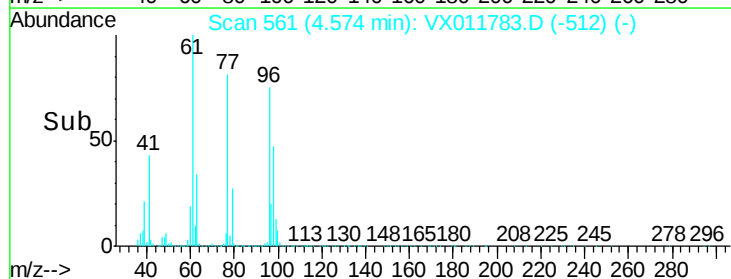
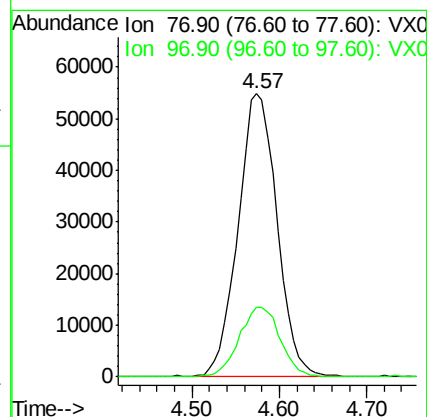
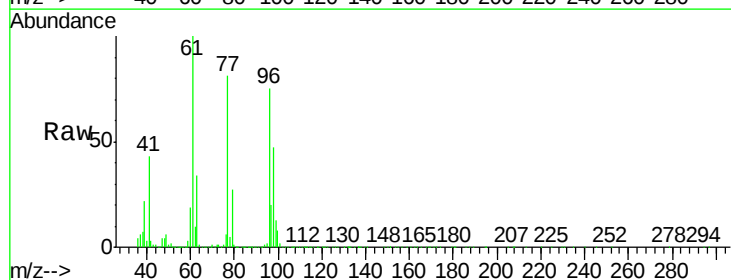
Acq: 22 Aug 2019 23:34

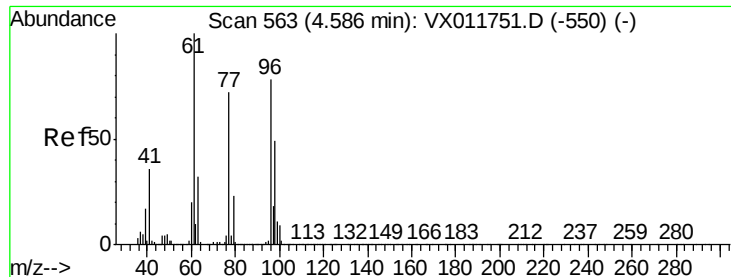
Tgt Ion: 77 Resp: 168940

Ion Ratio Lower Upper

77 100

97 25.9 12.2 36.6





#27

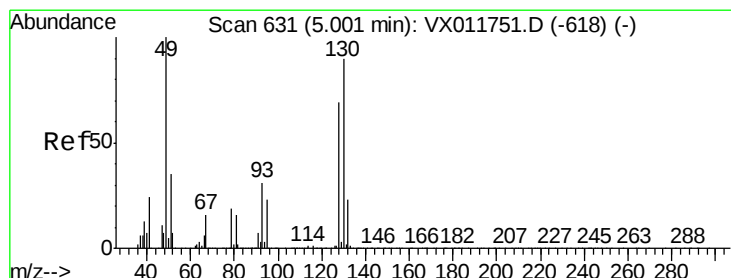
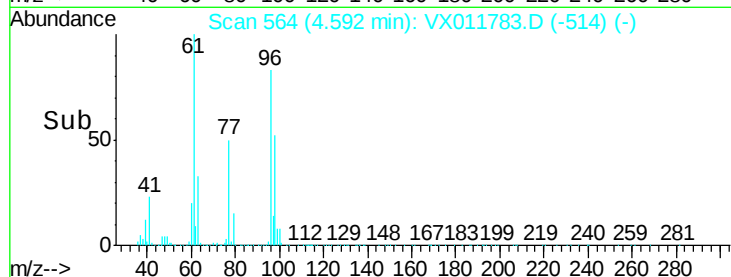
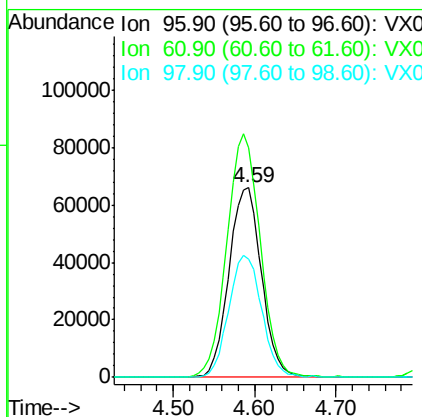
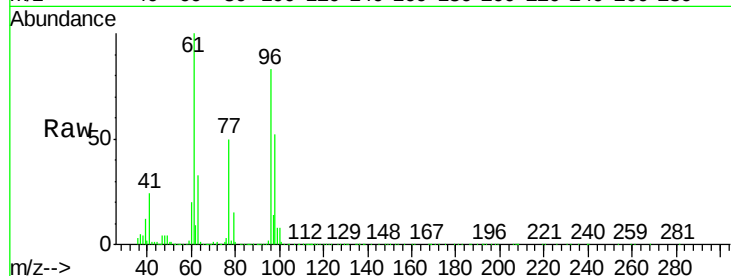
cis-1,2-Dichloroethene
Concen: 48.273 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	182337		
61	131.6	0.0	275.8	
98	65.2	0.0	128.2	

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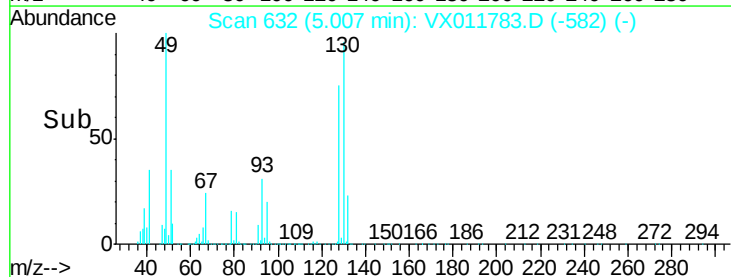
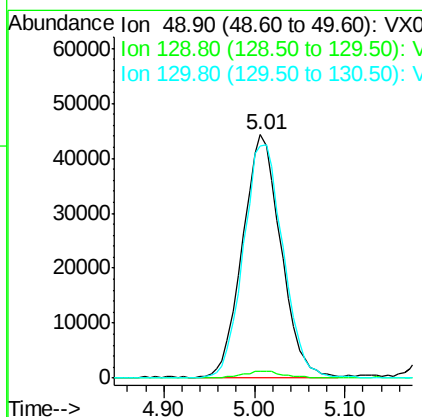
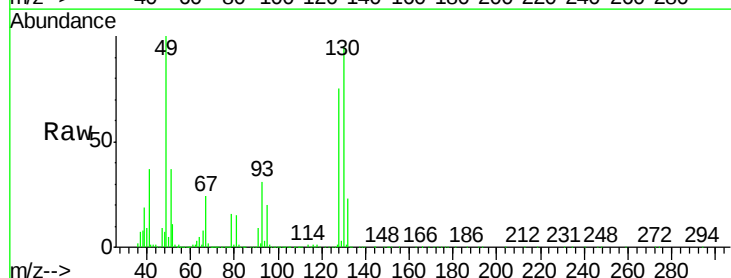
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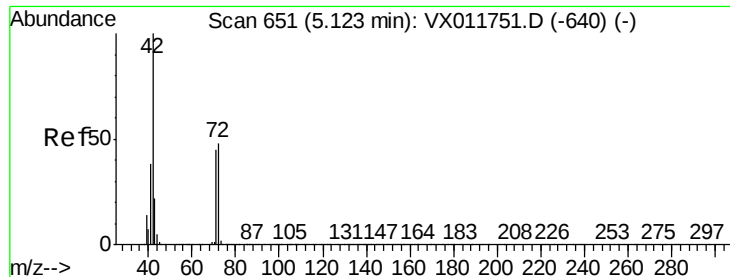


#28

Bromochloromethane
Concen: 52.065 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129150		
129	3.1	0.0	5.8	
130	100.3	76.8	115.2	





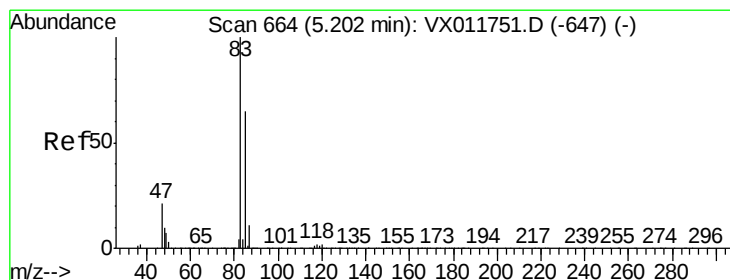
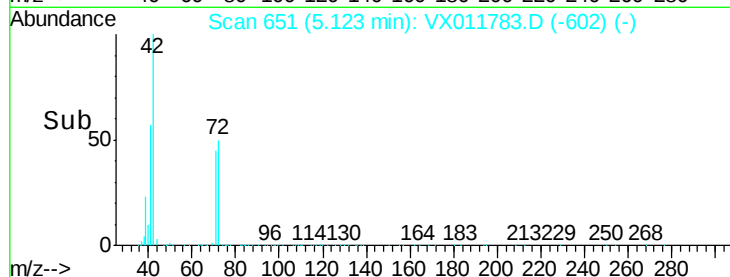
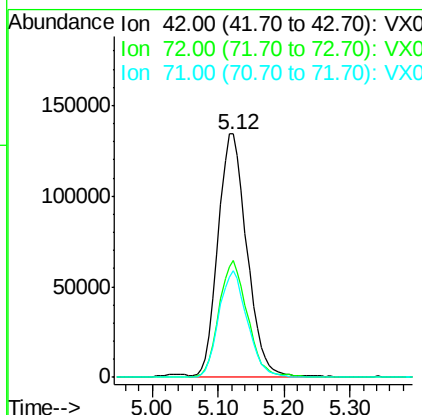
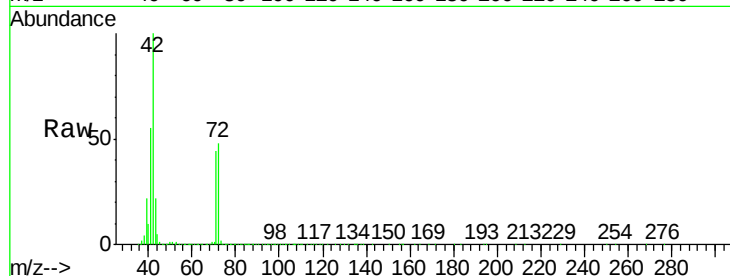
#29
Tetrahydrofuran
Concen: 259.763 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.6	56.4
71	43.1	34.6	51.8

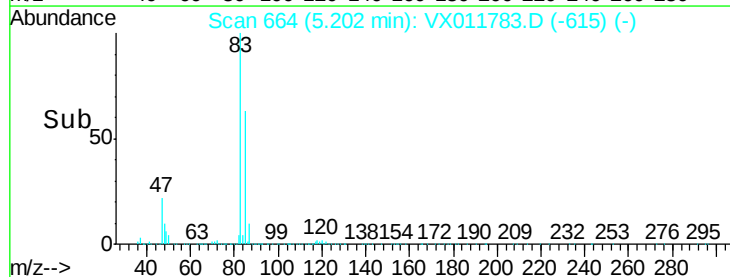
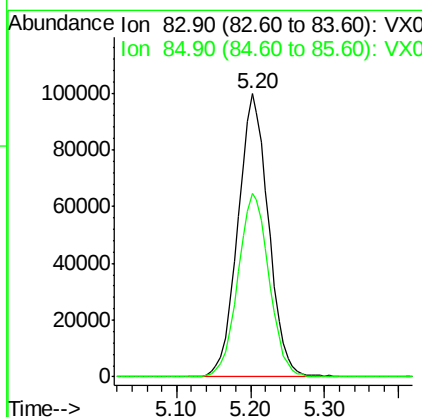
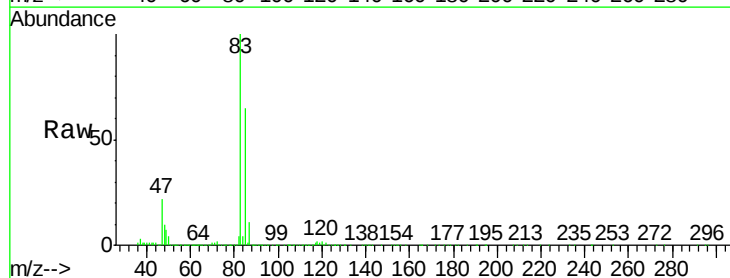
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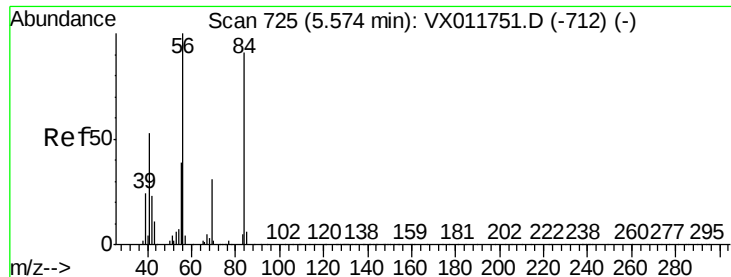
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#30
Chloroform
Concen: 48.217 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8





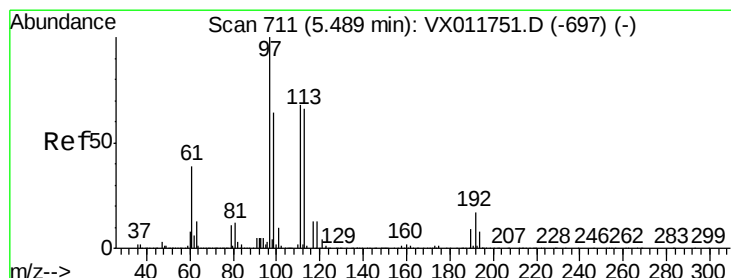
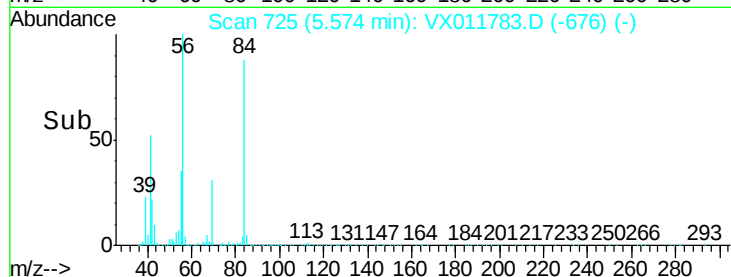
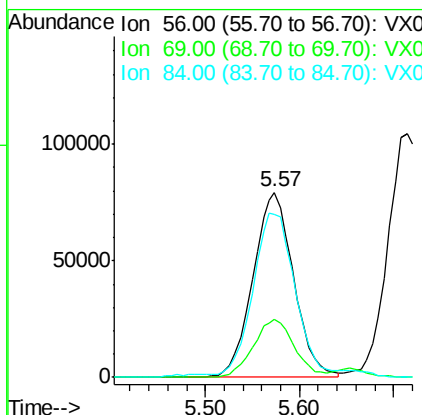
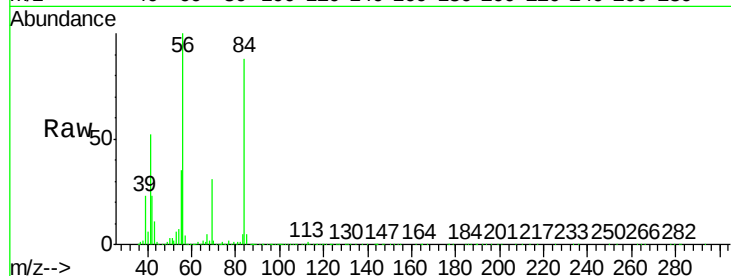
#31
Cyclohexane
Concen: 49.600 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.5	36.7
84	86.7	72.7	109.1

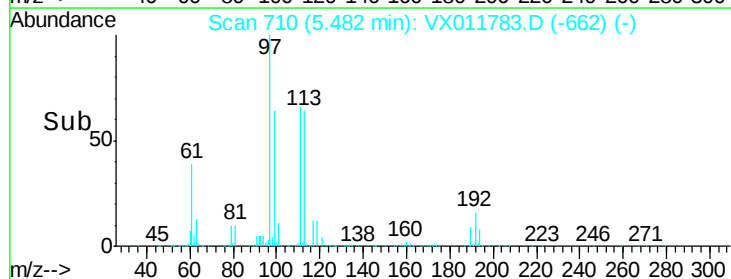
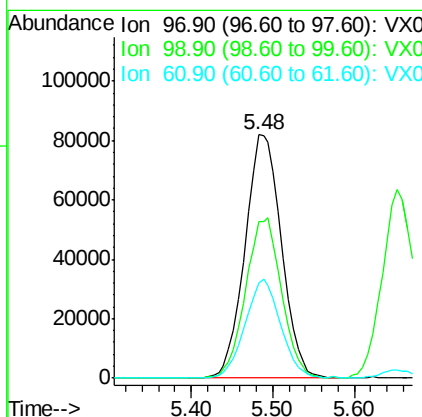
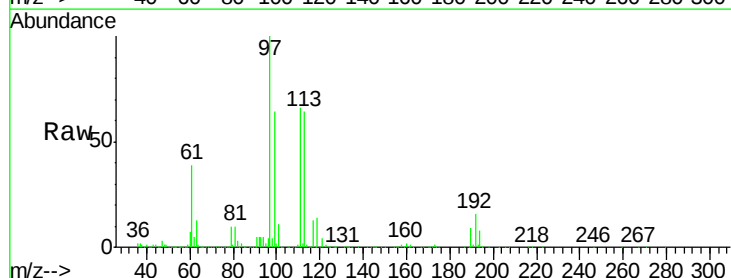
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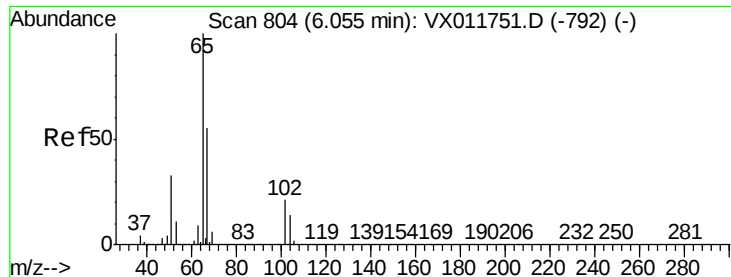
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#32
1,1,1-Trichloroethane
Concen: 49.513 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	39.3	31.6	47.4





#33

1,2-Dichloroethane-d4

Concen: 46.530 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 181602

Ion Ratio Lower Upper

65 100

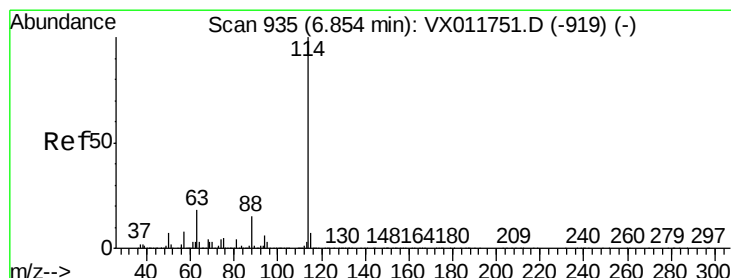
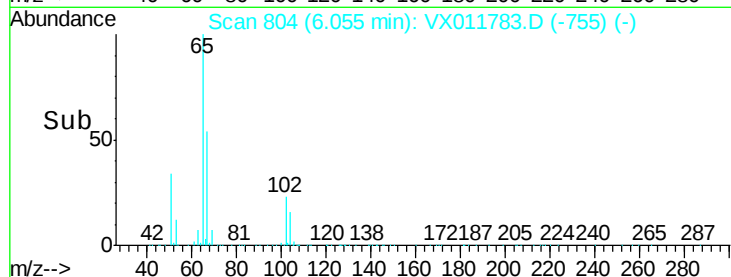
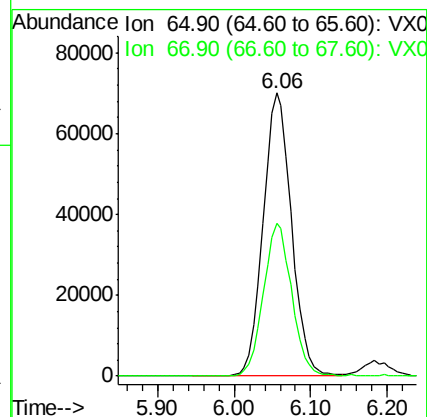
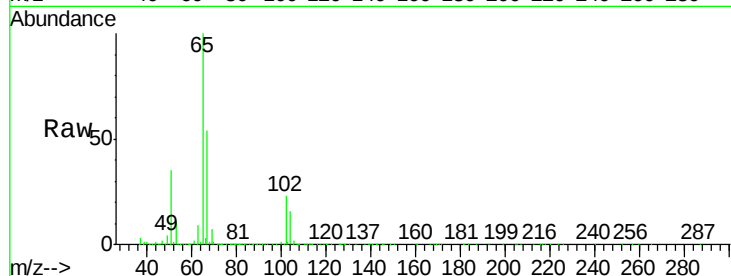
67 53.3 0.0 107.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

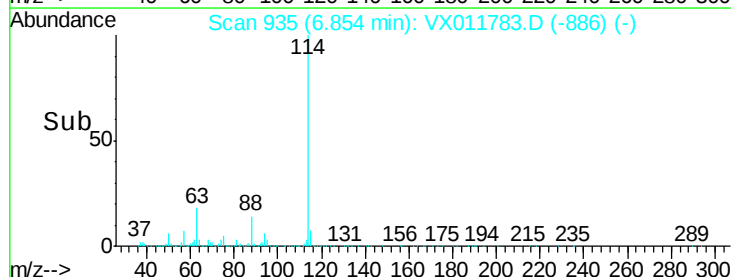
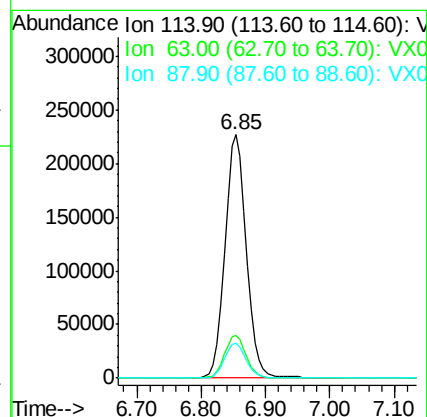
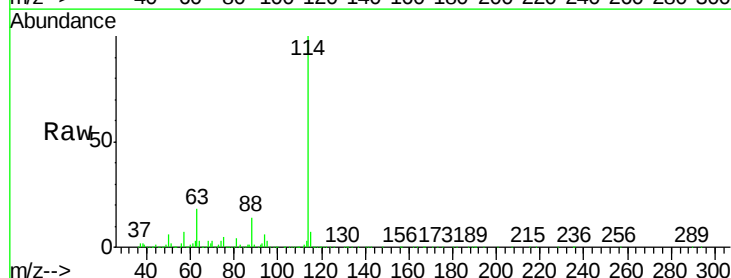
Tgt Ion: 114 Resp: 530852

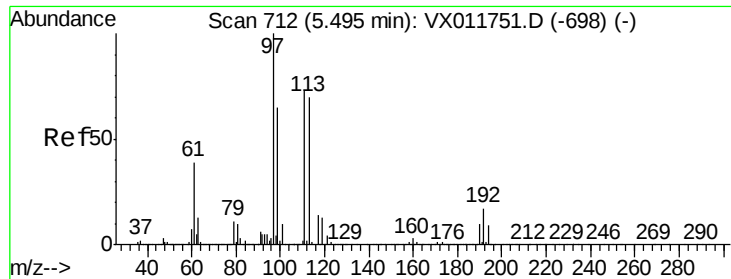
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

88 14.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.854 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

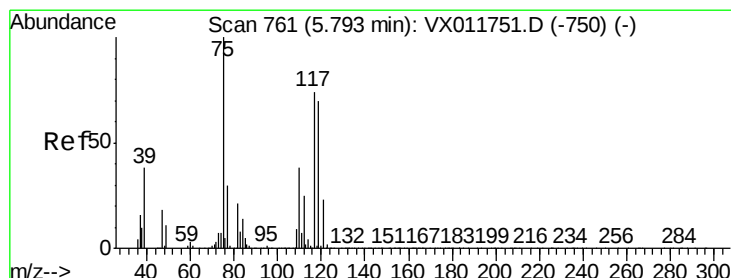
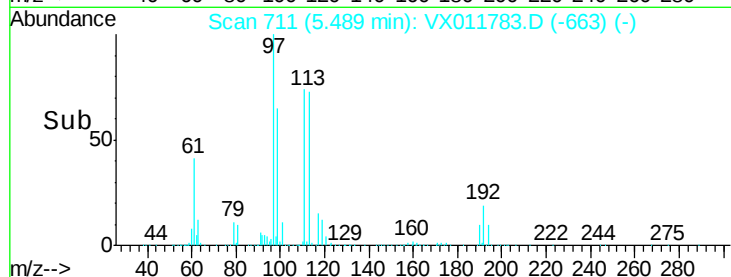
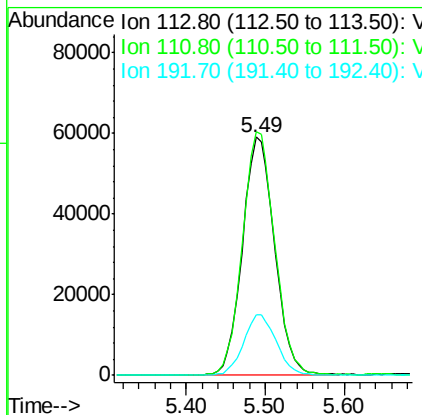
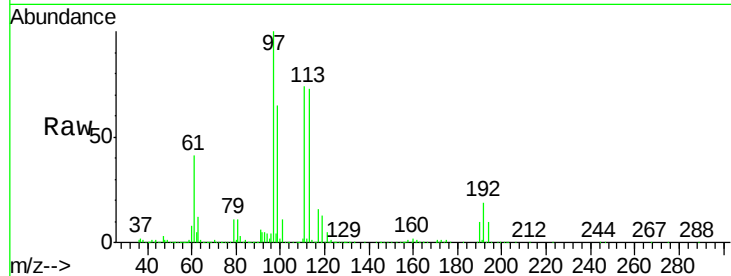
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	167700
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.0	121.4
192	26.0	19.9	29.9

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#36

1,1-Dichloropropene

Concen: 49.942 ug/l

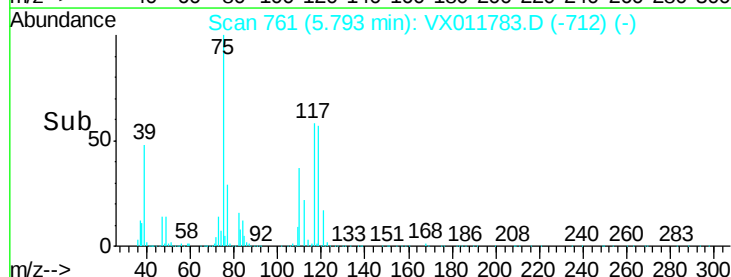
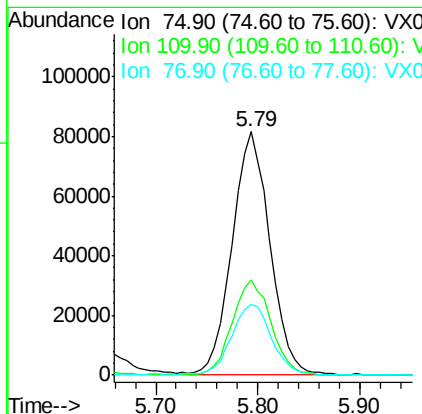
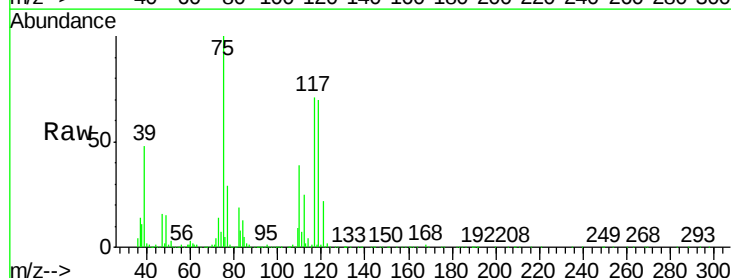
RT: 5.79 min Scan# 761

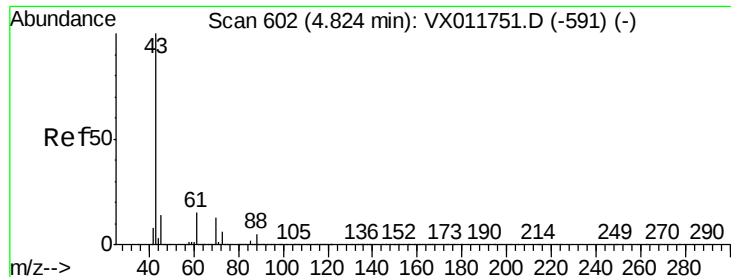
Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion:	75	Resp:	207899
Ion Ratio	Lower	Upper	
75	100		
110	40.5	19.0	57.0
77	30.2	24.6	36.8





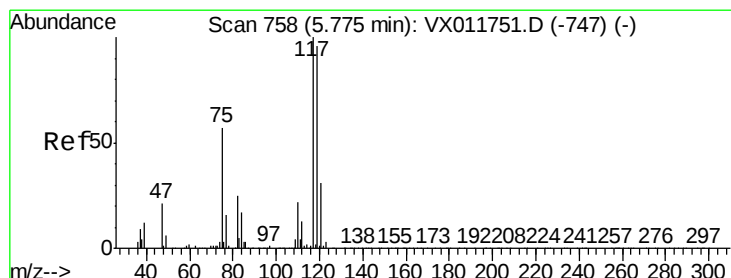
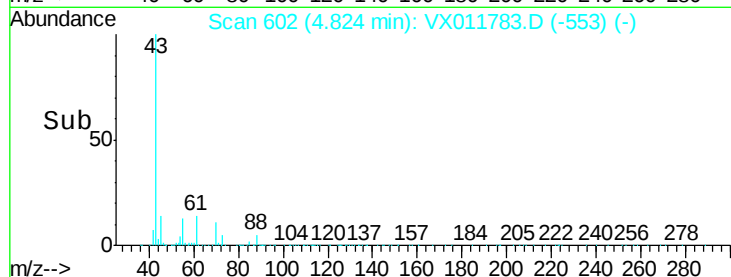
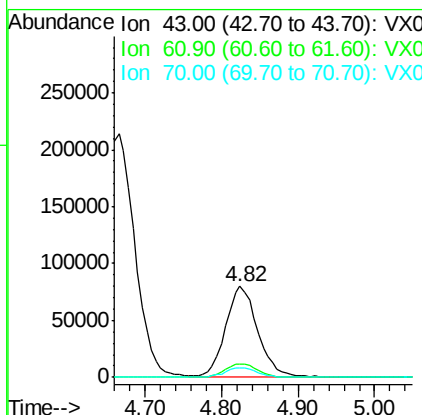
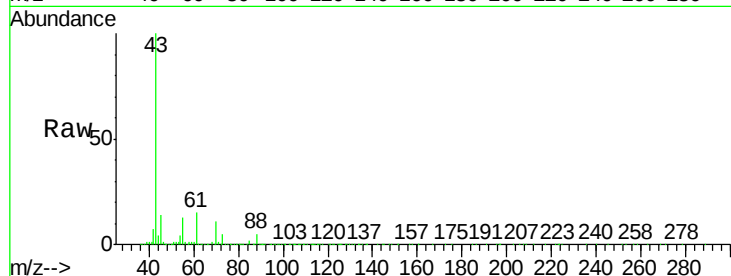
#37
Ethyl Acetate
Concen: 52.298 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	230385
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.1	9.5	14.3

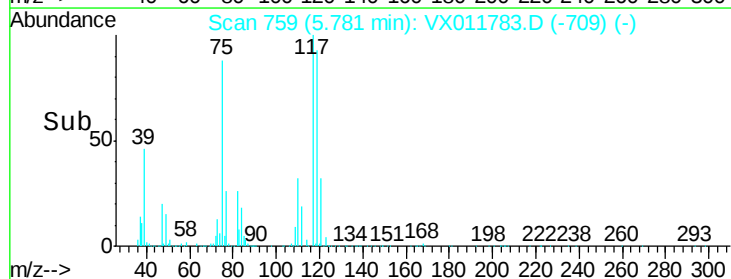
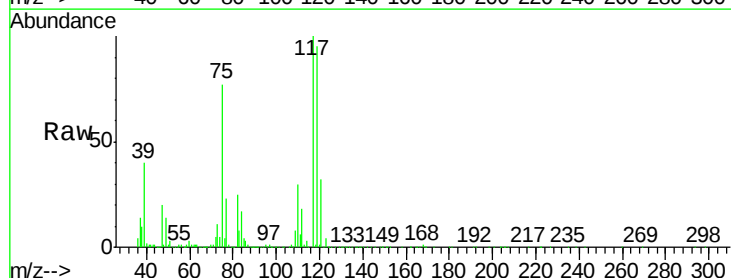
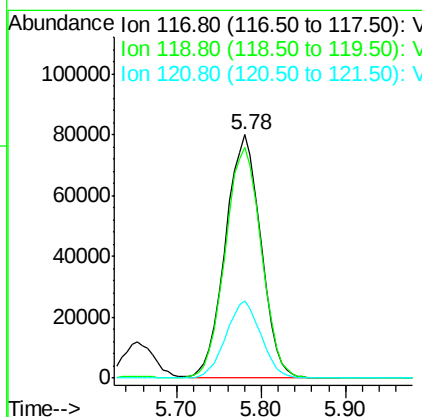
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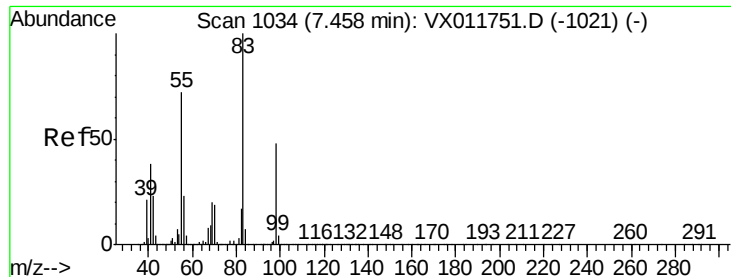
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#38
Carbon Tetrachloride
Concen: 48.407 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.01 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion:	117	Resp:	228370
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.6	114.8
121	31.5	25.2	37.8





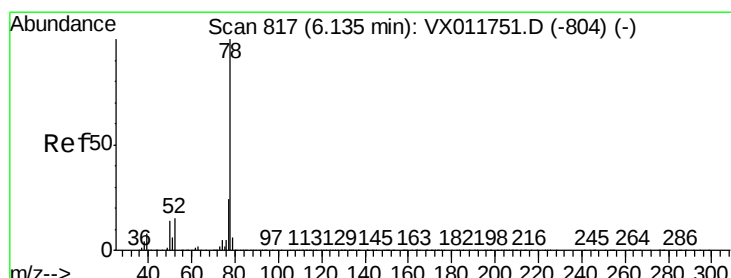
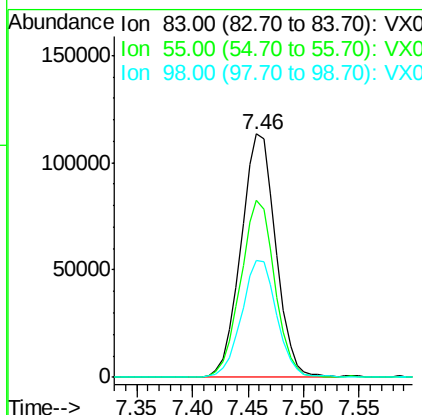
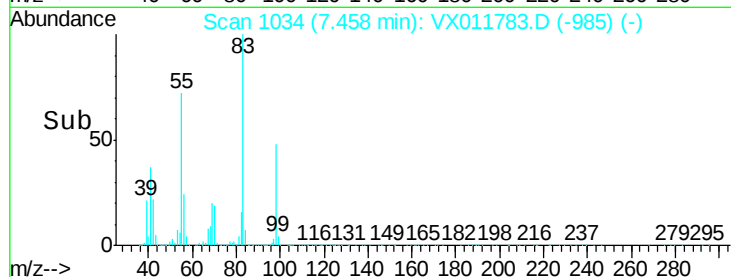
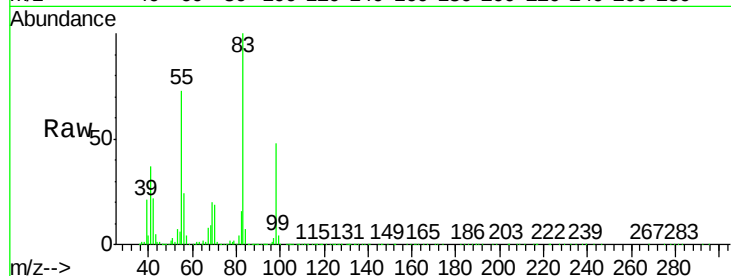
#39
Methvlcvclohexane
Concen: 47.705 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	57.8	86.6
98	48.0	38.6	58.0

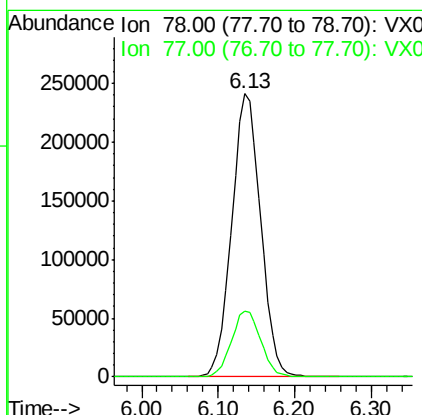
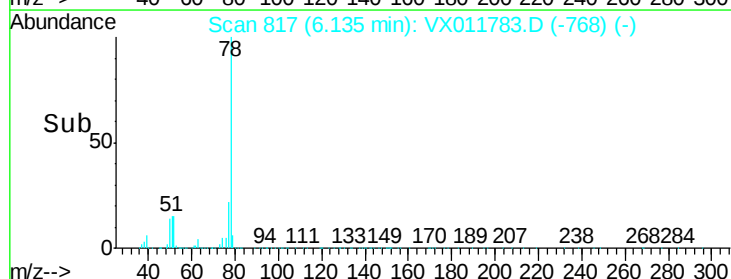
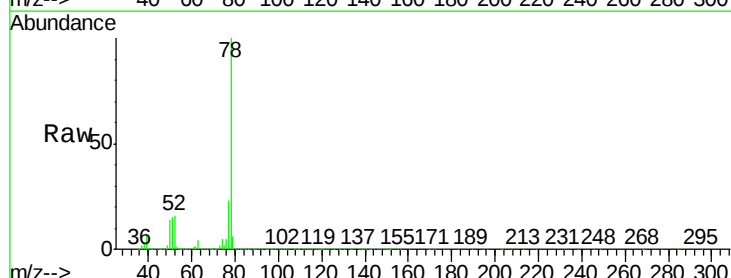
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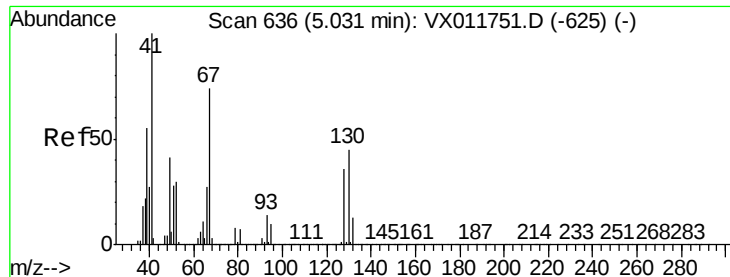
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#40
Benzene
Concen: 48.808 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





#41

Methacrylonitrile

Concen: 48.883 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

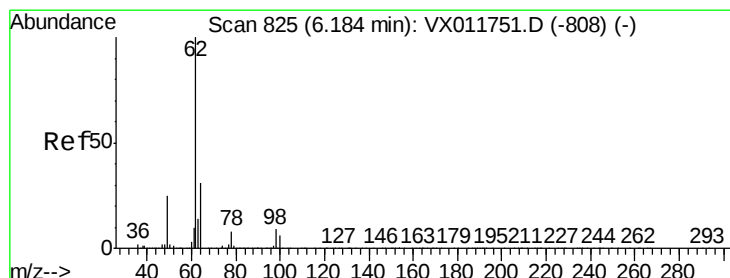
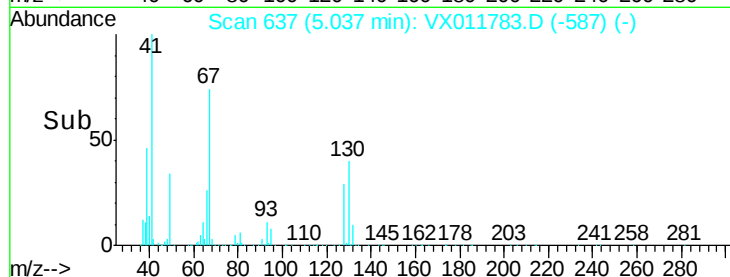
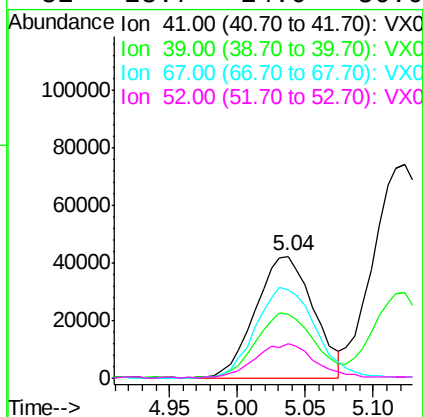
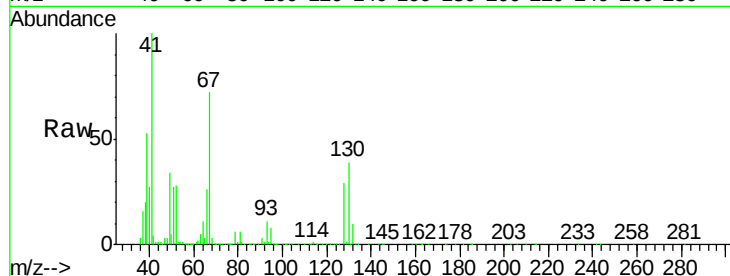
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	44.3	66.5	
67	77.9	60.3	90.5	
52	28.7	24.0	36.0	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 44.817 ug/l

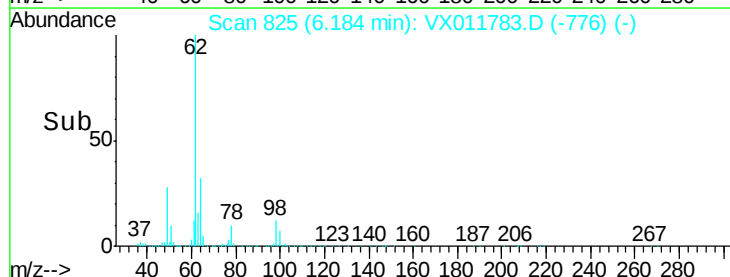
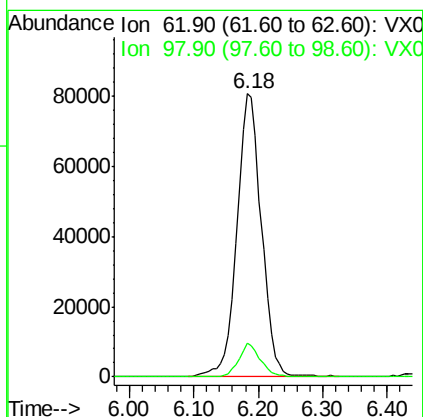
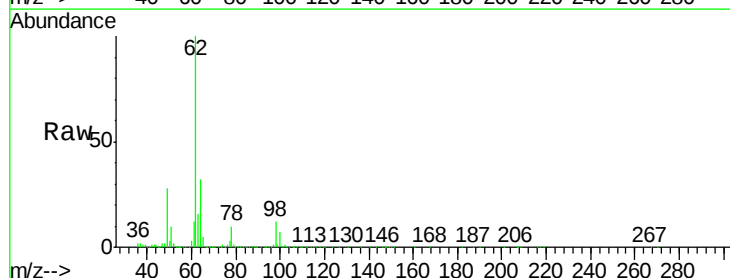
RT: 6.18 min Scan# 825

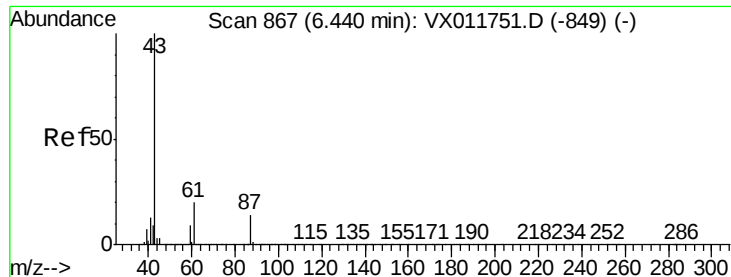
Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	18.8	





#43

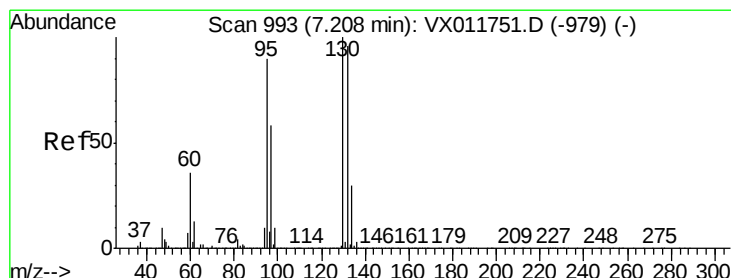
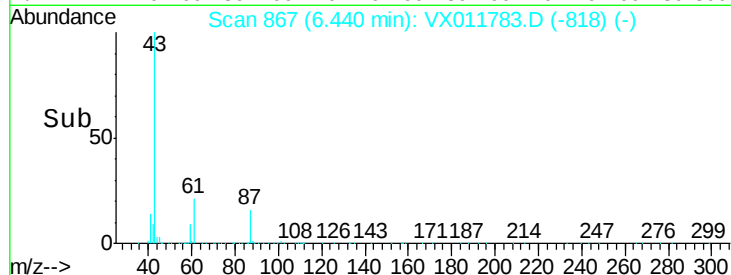
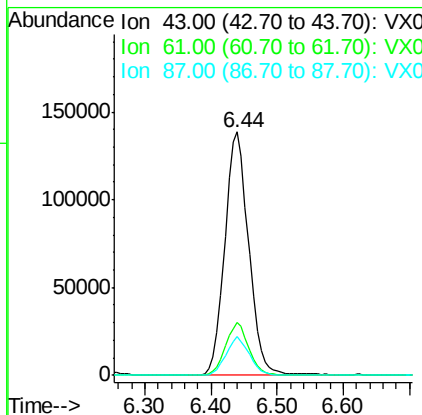
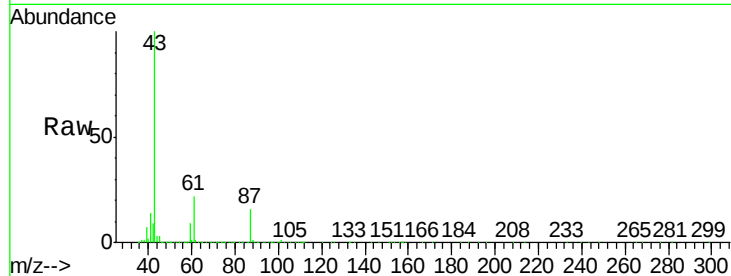
Isopropyl Acetate
 Concen: 48.467 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.2	24.2
87	15.2	11.6	17.4

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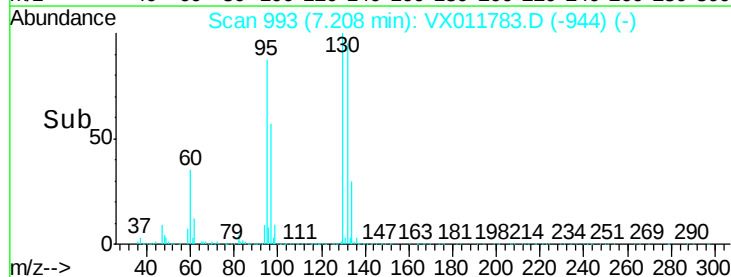
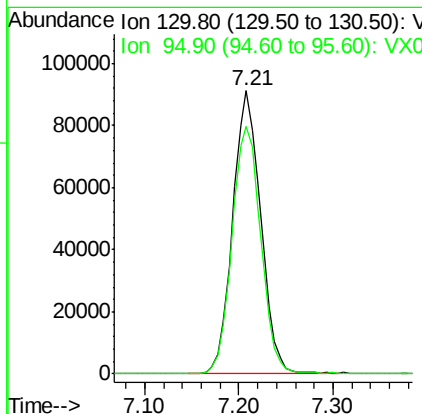
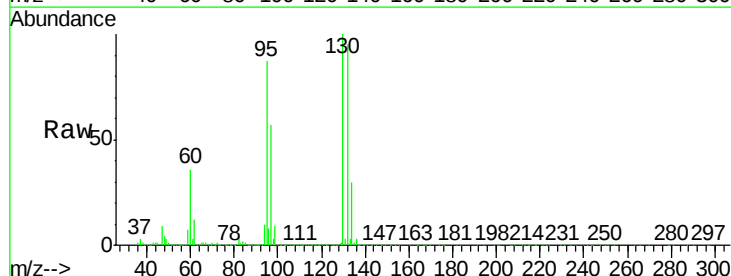
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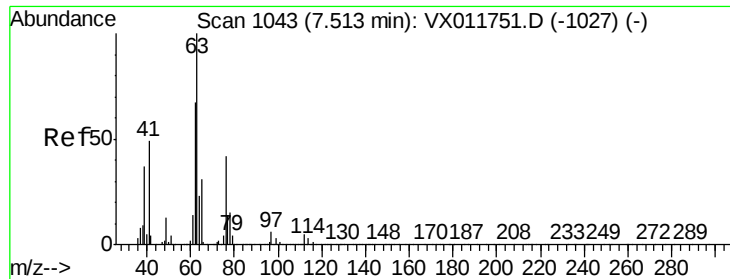


#44

Trichloroethene
 Concen: 47.573 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.3	0.0	179.0





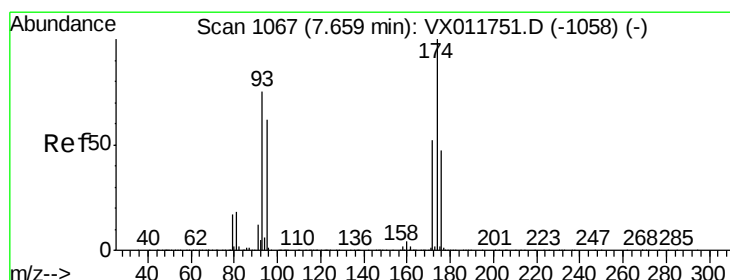
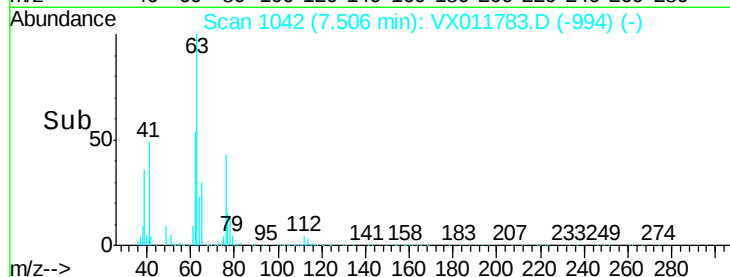
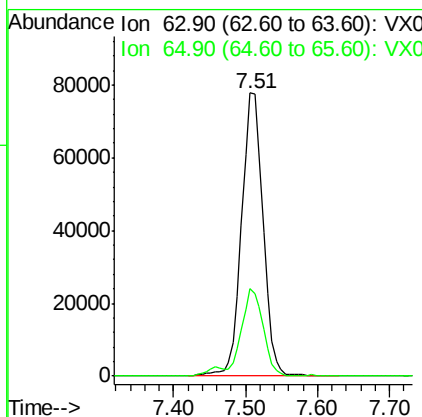
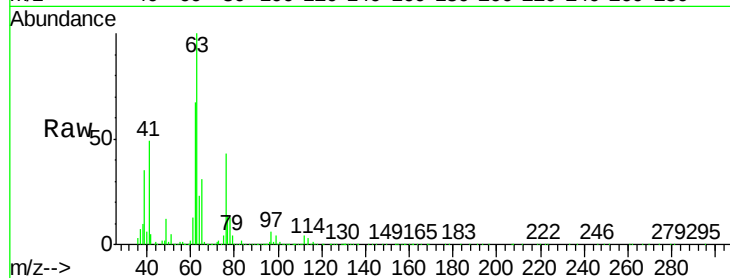
#45
 1,2-Dichloropropane
 Concen: 49.430 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.8	37.2

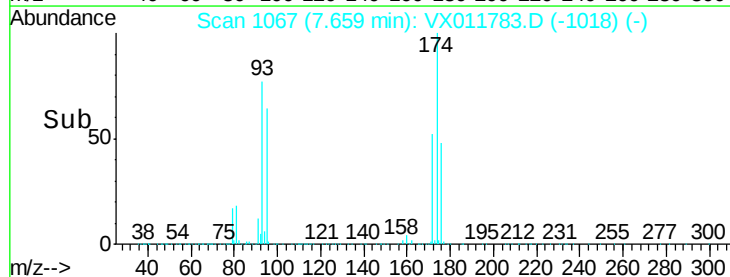
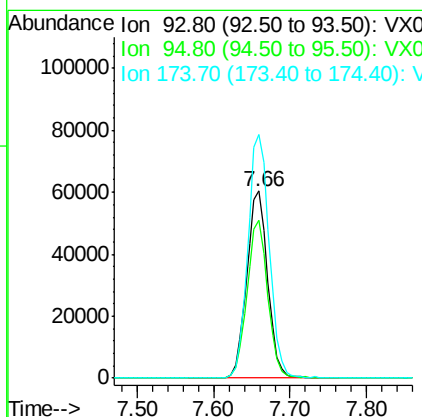
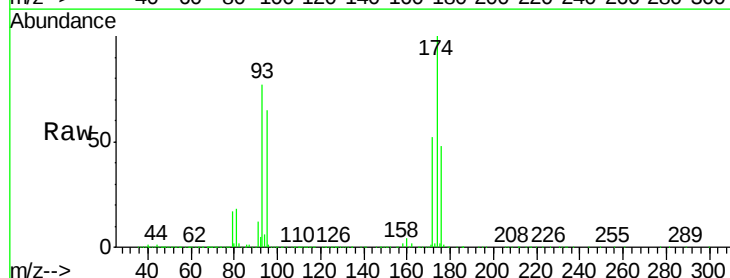
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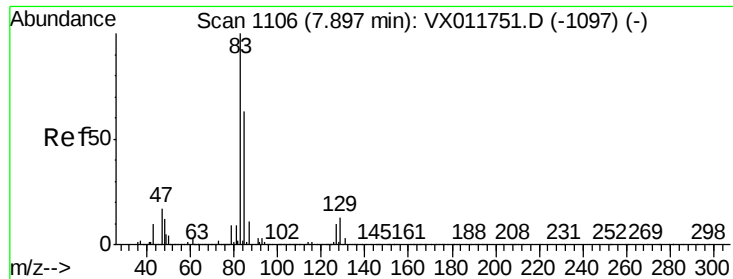
MMDadoda
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#46
 Dibromomethane
 Concen: 48.276 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.2	99.2
174	132.7	104.2	156.4





#47

Bromodichloromethane

Concen: 48.401 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

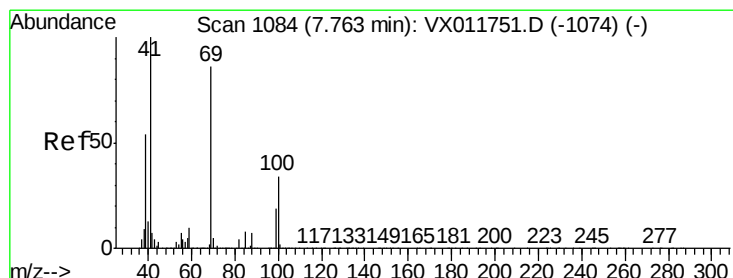
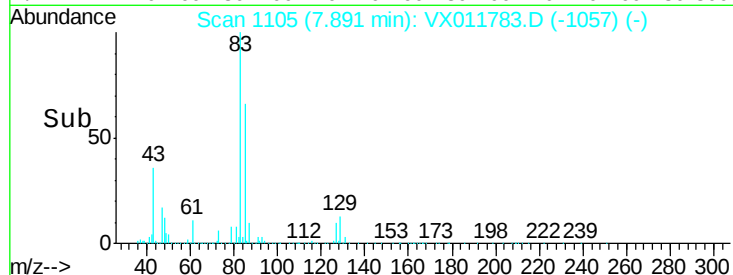
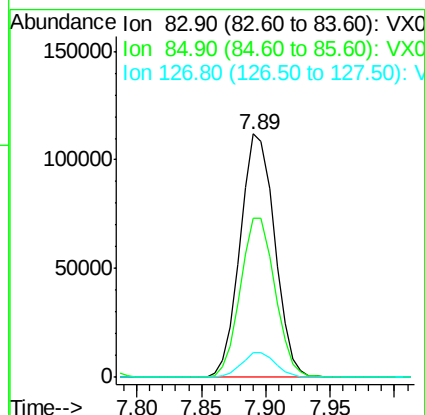
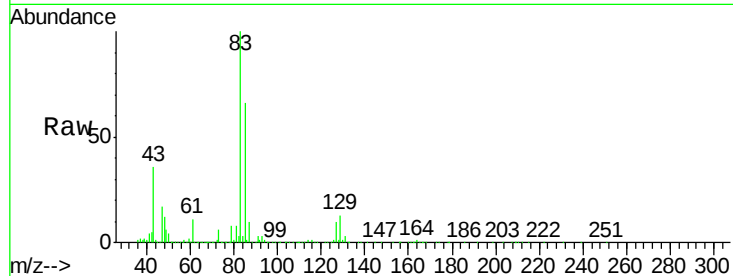
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	207920
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.6	76.0
127	10.0	8.4	12.6

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#48

Methyl methacrylate

Concen: 50.631 ug/l

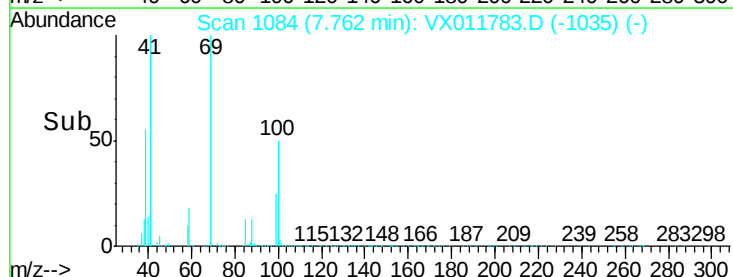
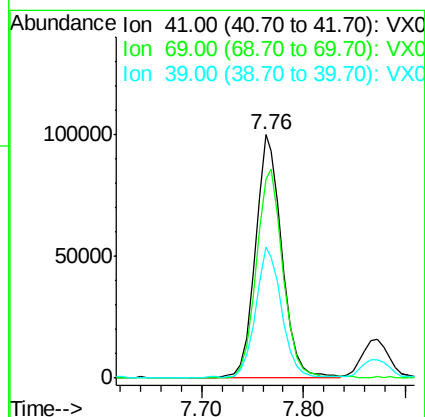
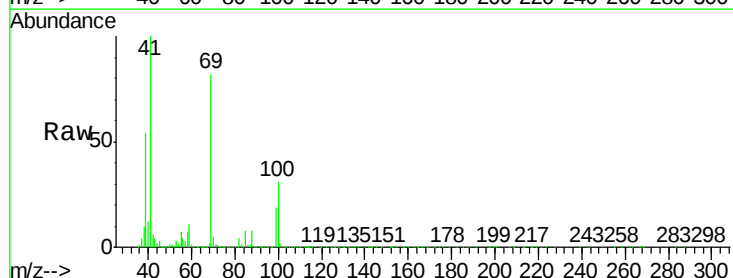
RT: 7.76 min Scan# 1084

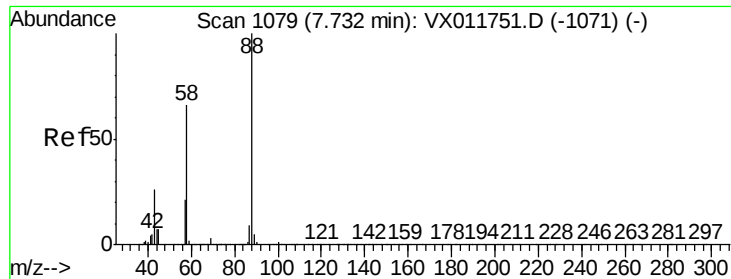
Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion:	41	Resp:	179659
Ion Ratio	Lower	Upper	
41	100		
69	87.7	69.4	104.2
39	52.3	43.6	65.4





#49

1,4-Dioxane

Concen: 939.586 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

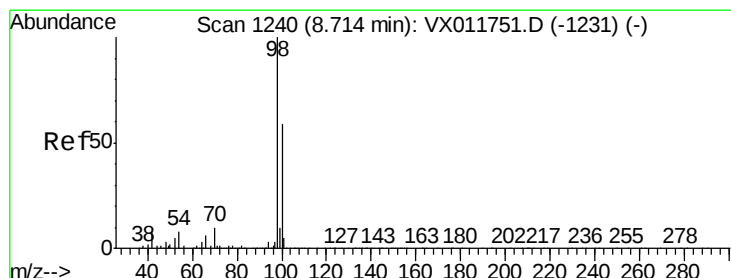
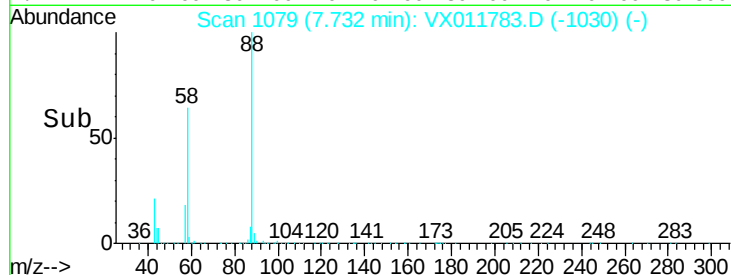
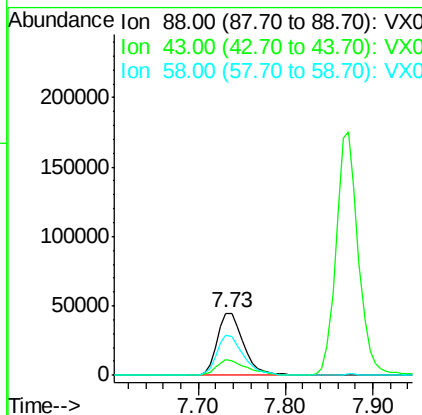
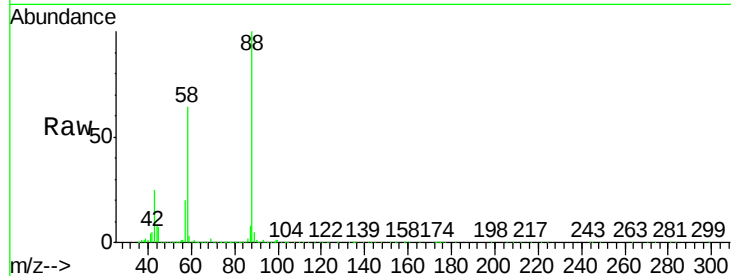
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	92376
Ion	Ratio	Lower	Upper
88	100		
43	28.2	24.6	37.0
58	65.7	51.4	77.2

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#50

Toluene-d8

Concen: 50.752 ug/l

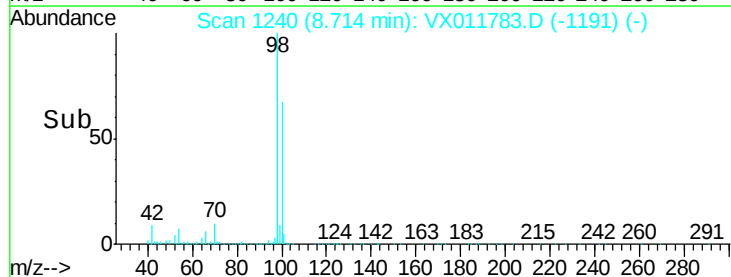
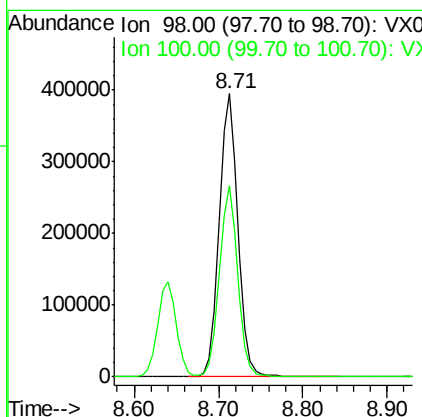
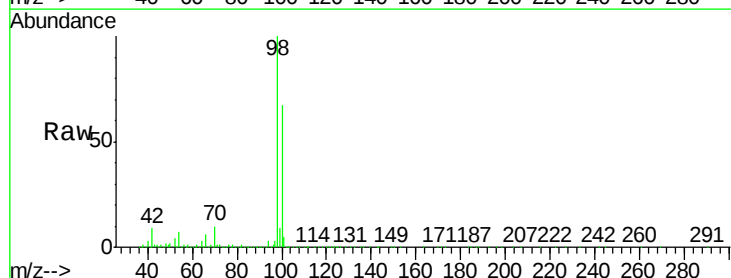
RT: 8.71 min Scan# 1240

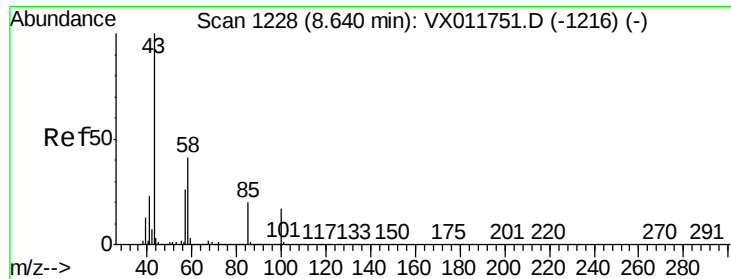
Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion:	98	Resp:	607671
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 248.509 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1167545

Ion Ratio Lower Upper

43 100

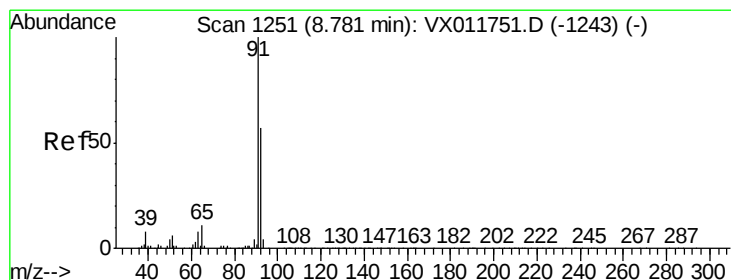
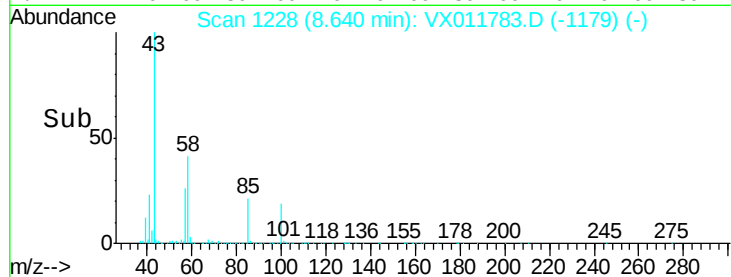
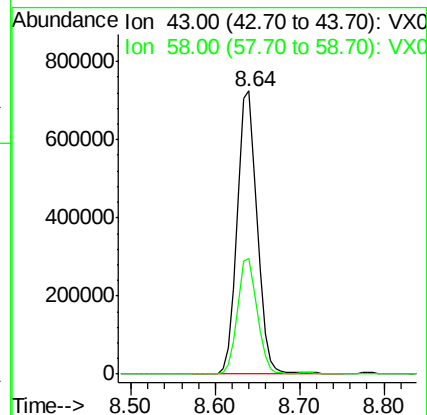
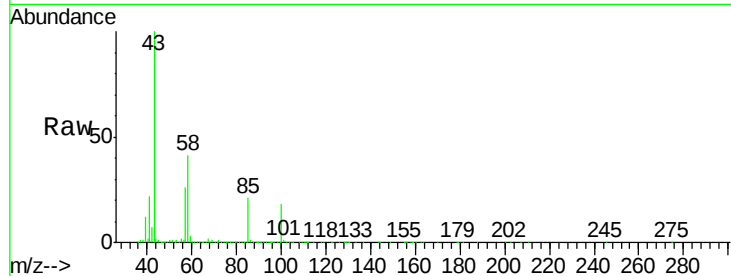
58 40.3 31.8 47.6

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#52

Toluene

Concen: 49.619 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011783.D

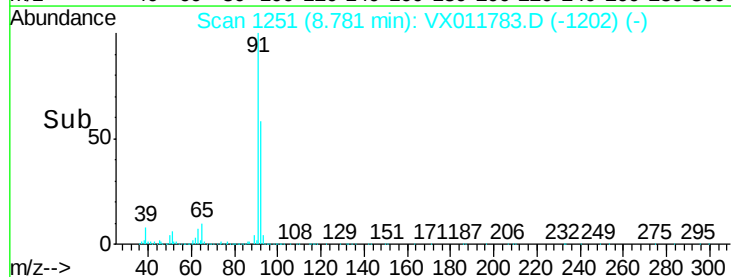
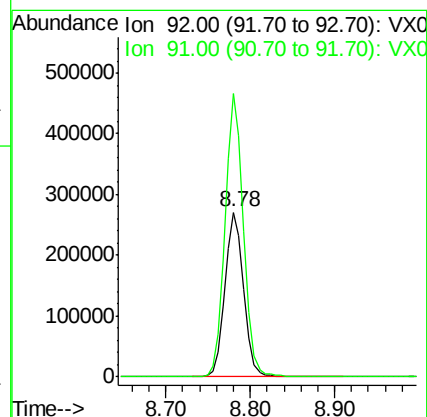
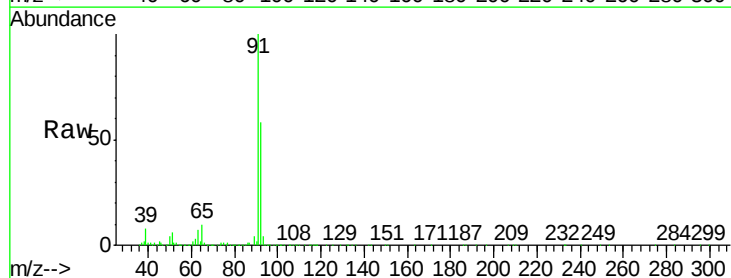
Acq: 22 Aug 2019 23:34

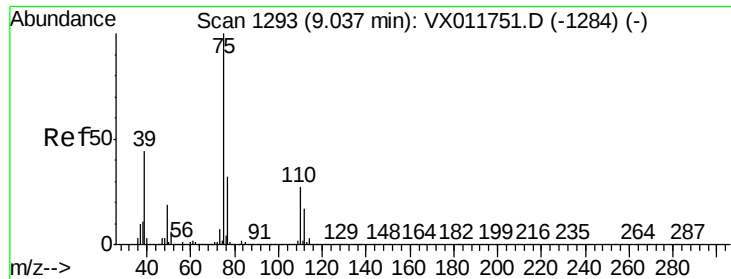
Tgt Ion: 92 Resp: 413487

Ion Ratio Lower Upper

92 100

91 169.9 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 48.390 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 218224

Ion Ratio Lower Upper

75 100

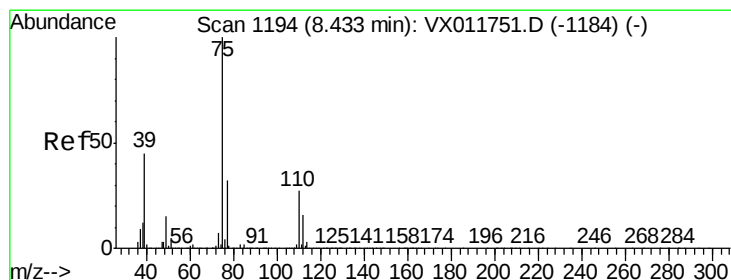
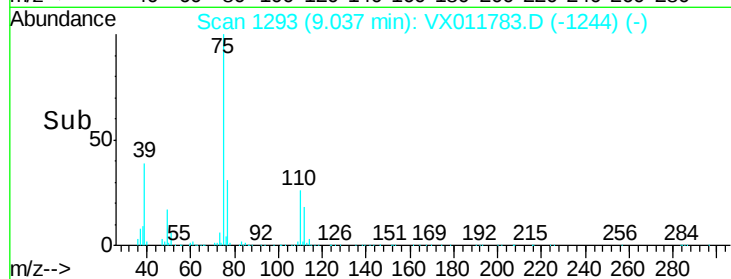
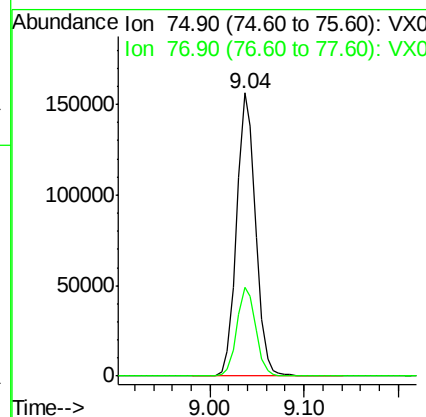
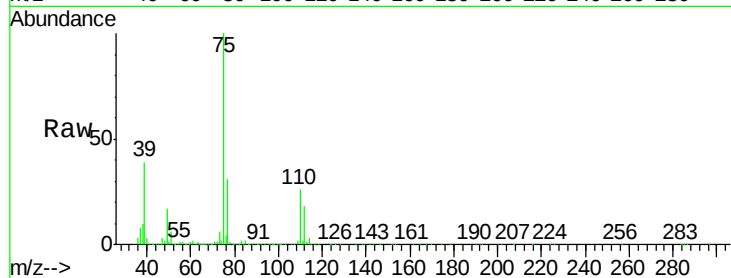
77 31.4 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 49.821 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

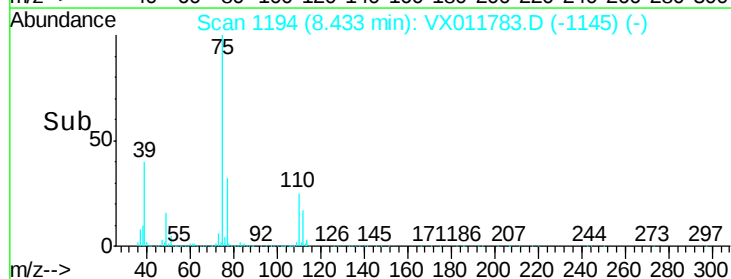
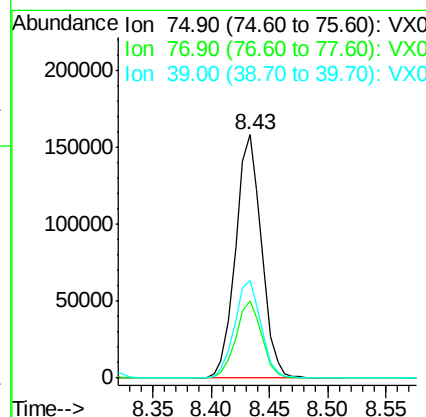
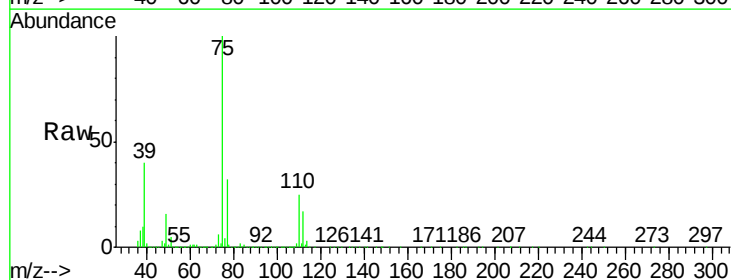
Tgt Ion: 75 Resp: 245102

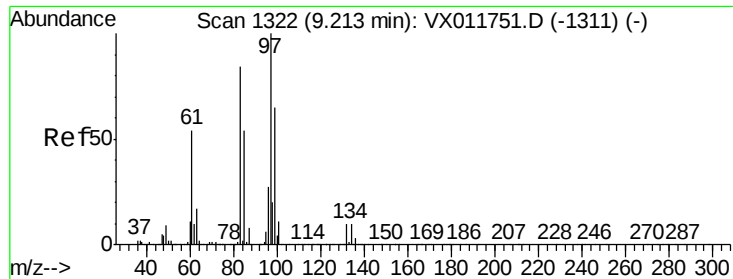
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 39.9 36.2 54.4





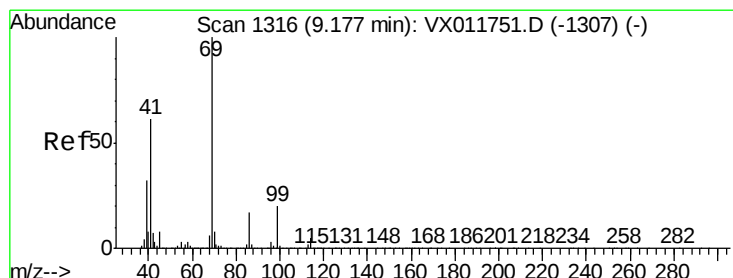
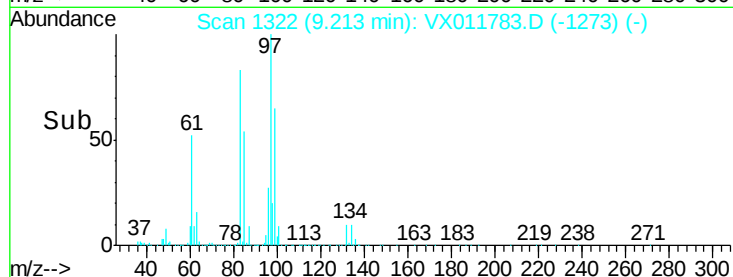
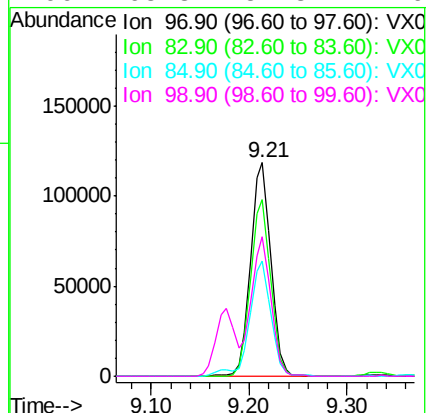
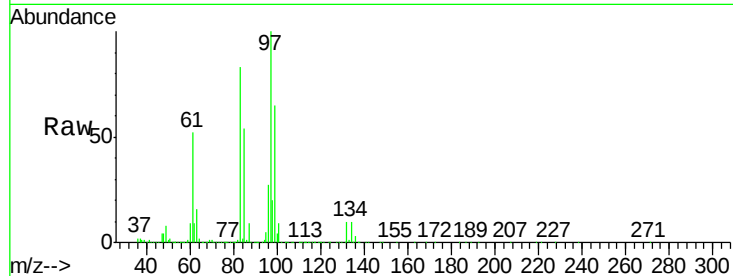
#55
 1,1,2-Trichloroethane
 Concen: 49.039 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	170258
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.3	100.9
85	54.1	43.4	65.2
99	65.3	51.8	77.6

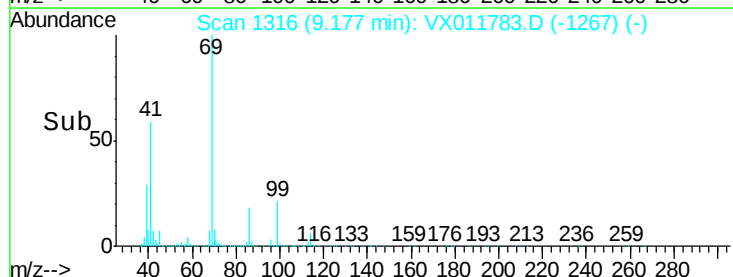
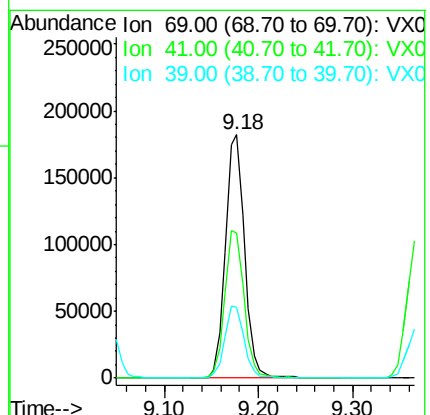
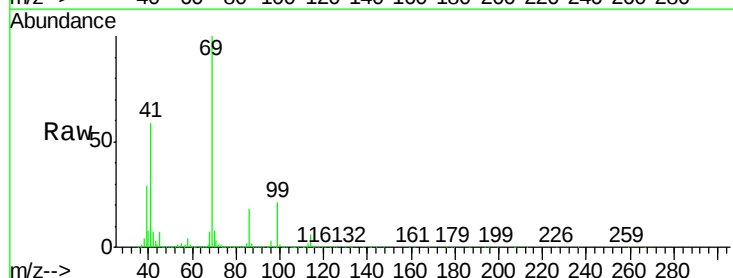
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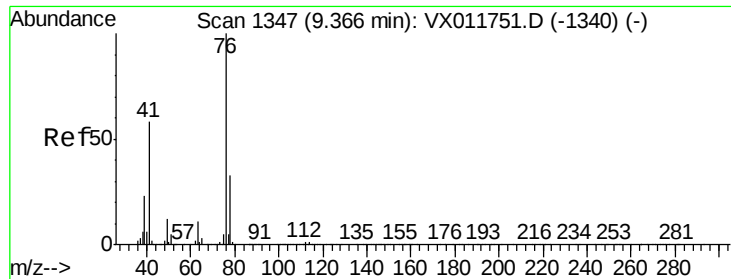
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#56
 Ethyl methacrylate
 Concen: 52.015 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion:	69	Resp:	256827
Ion	Ratio	Lower	Upper
69	100		
41	60.9	50.7	76.1
39	29.8	26.4	39.6





#57

1,3-Dichloropropane

Concen: 47.507 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 266328

Ion Ratio Lower Upper

76 100

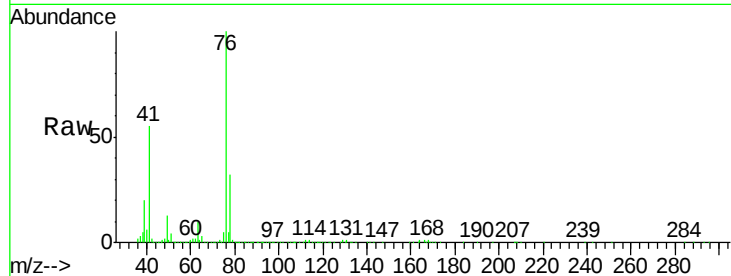
78 33.1 26.6 39.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

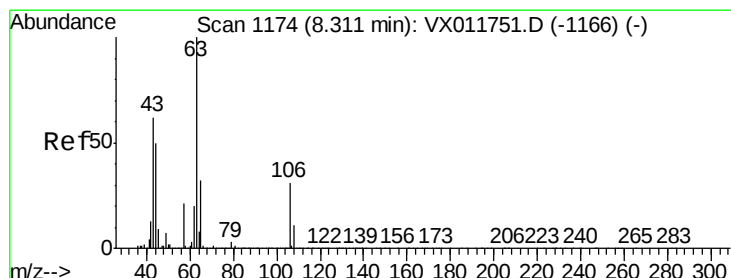
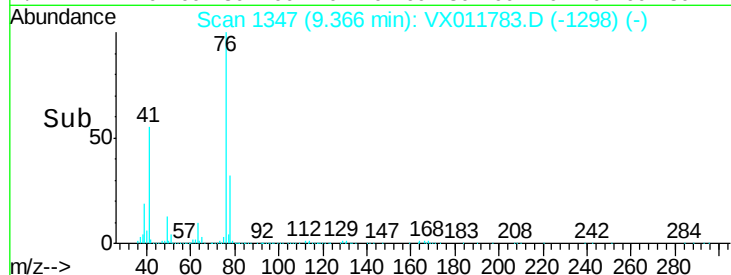
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.961 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011783.D

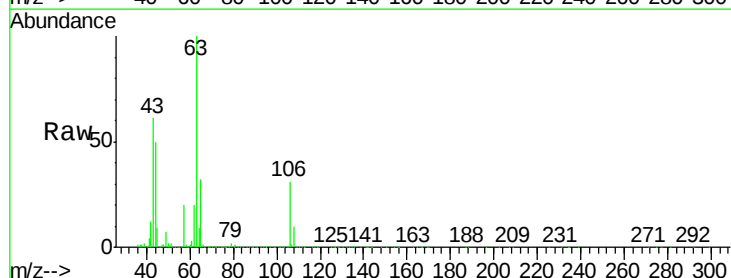
Acq: 22 Aug 2019 23:34

Tgt Ion: 63 Resp: 693391

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

500000

400000

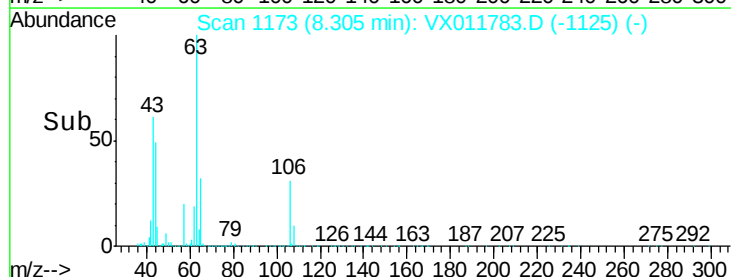
300000

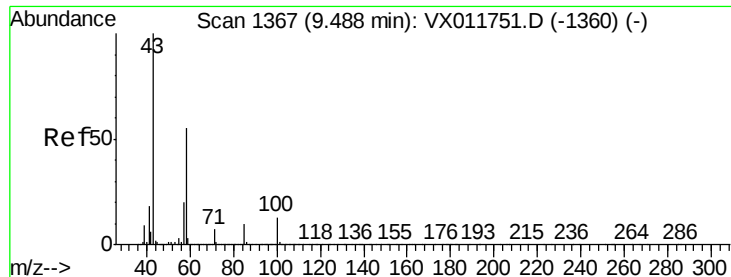
200000

100000

0

Time-->





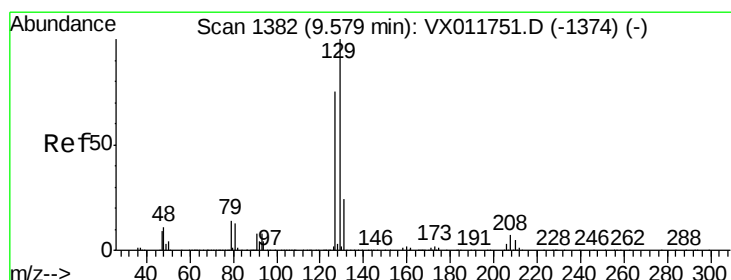
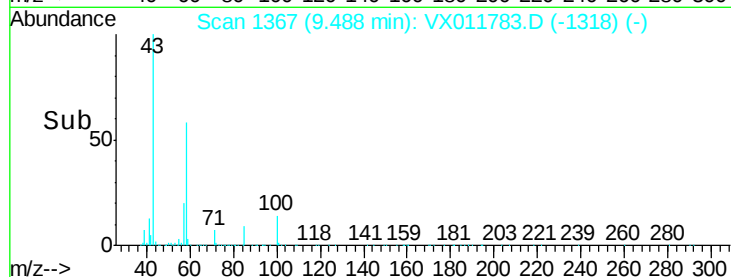
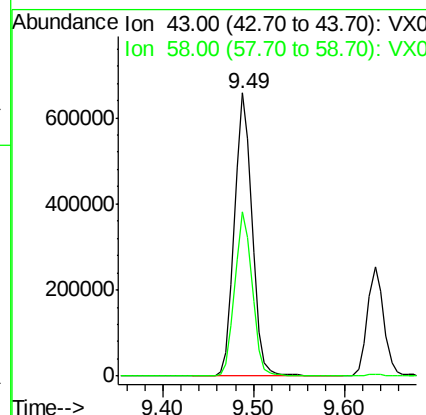
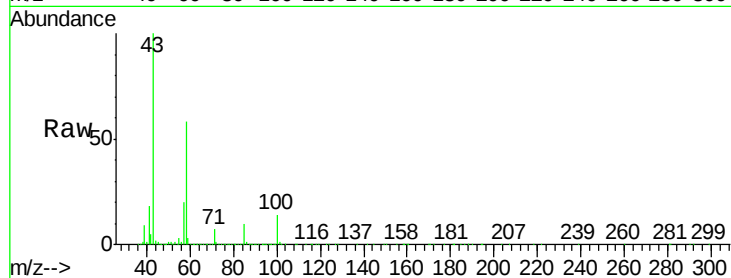
#59
2-Hexanone
Concen: 246.351 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 888342
Ion Ratio Lower Upper
43 100
58 57.5 27.7 83.1

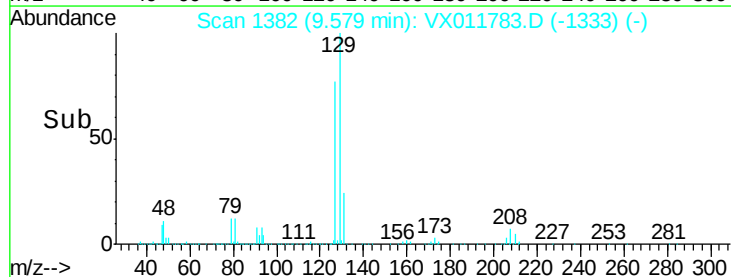
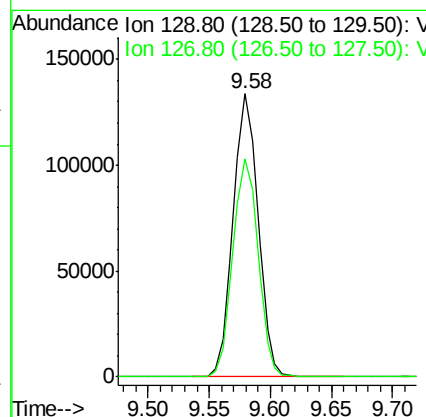
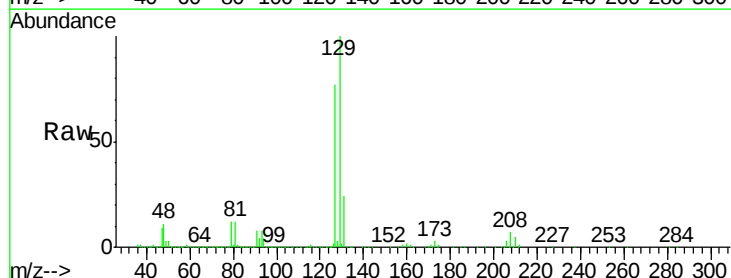
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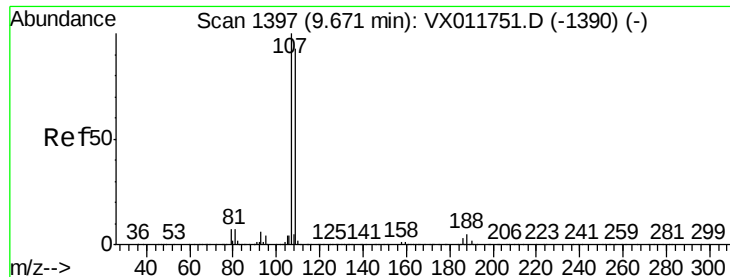
MMDadoda
8/23/2019 8:42:04 AM



#60
Dibromochloromethane
Concen: 50.461 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion: 129 Resp: 189419
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 50.846 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 189417

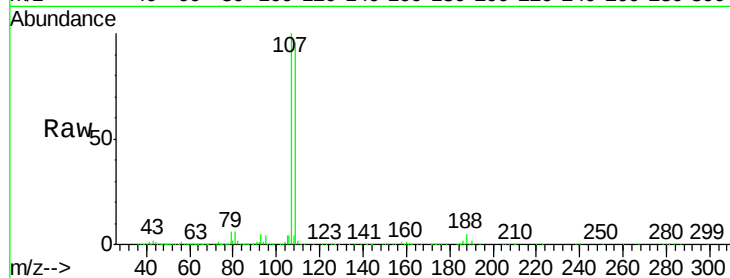
Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

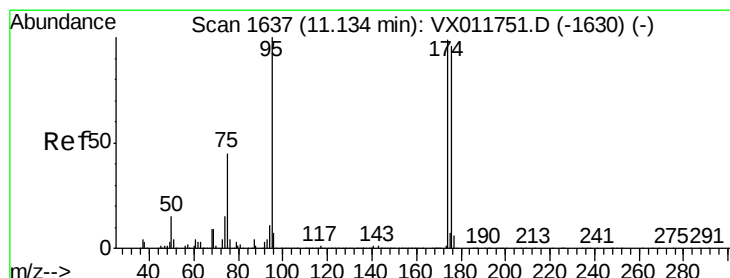
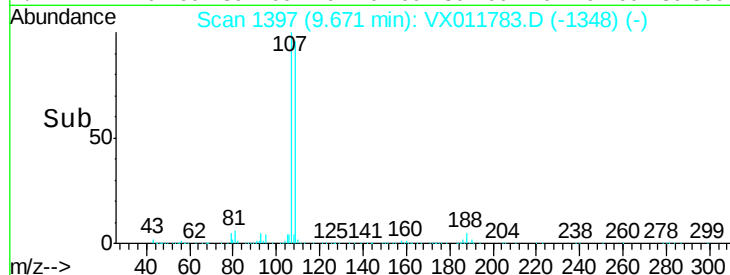
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.971 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

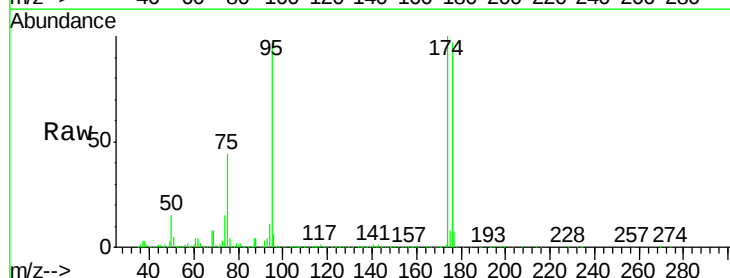
Tgt Ion: 95 Resp: 227026

Ion Ratio Lower Upper

95 100

174 103.6 0.0 197.4

176 99.9 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

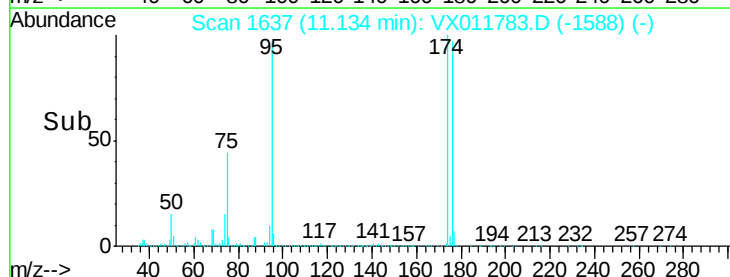
150000

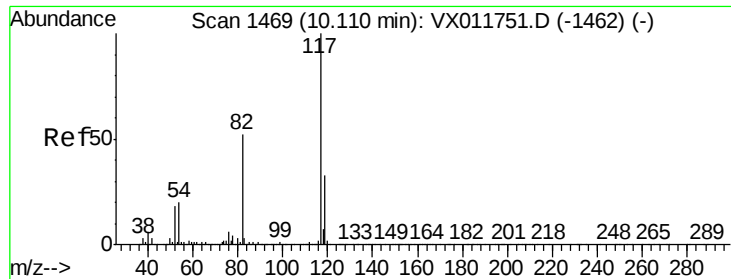
100000

50000

0

Time-->





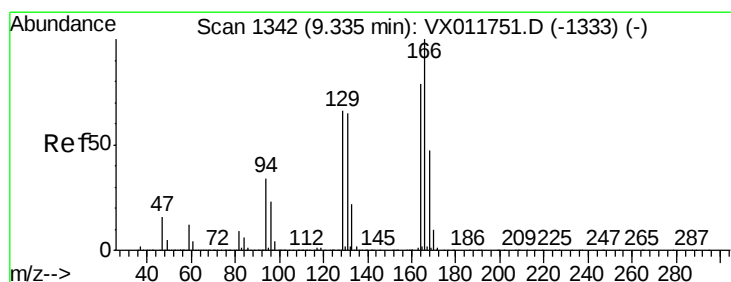
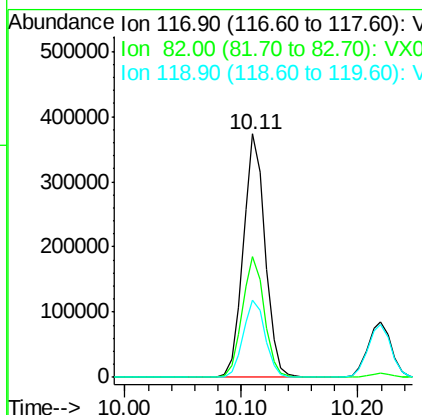
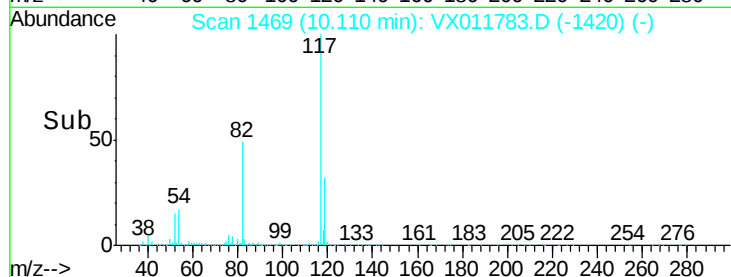
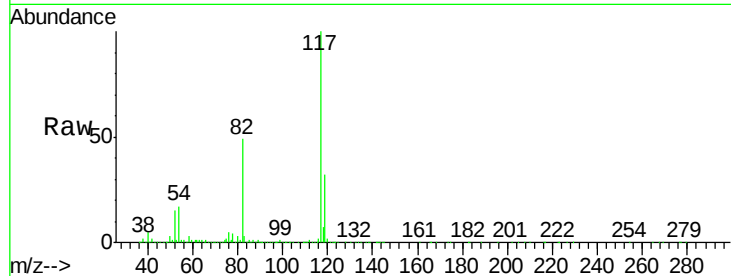
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	41.7	62.5
119	31.6	26.2	39.2

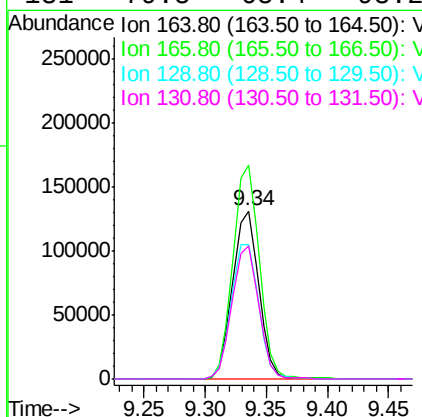
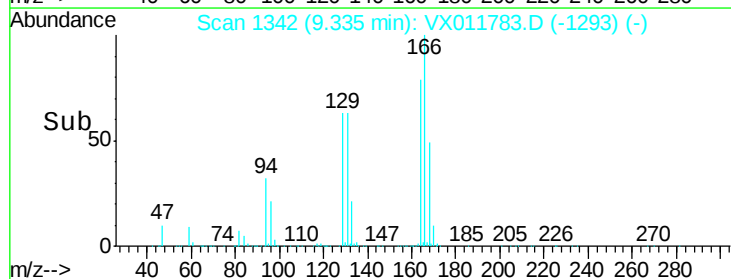
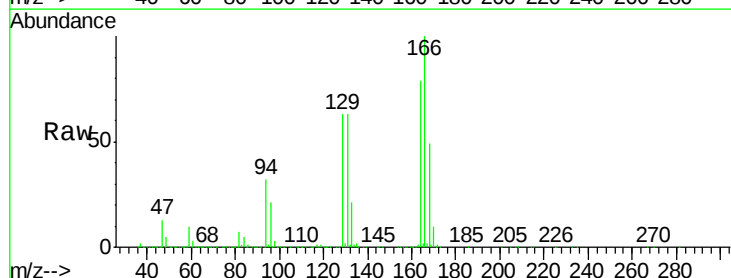
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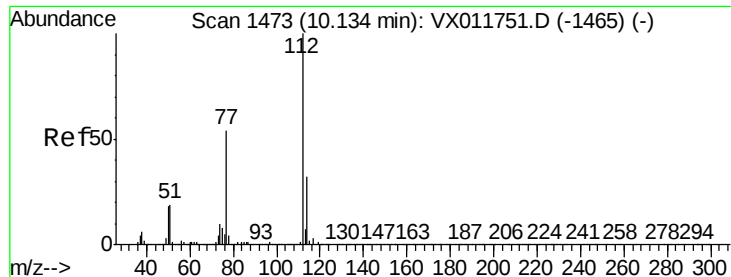
MMDadoda
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#64
Tetrachloroethene
Concen: 50.035 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.7	151.1
129	79.7	66.8	100.2
131	79.5	65.4	98.2





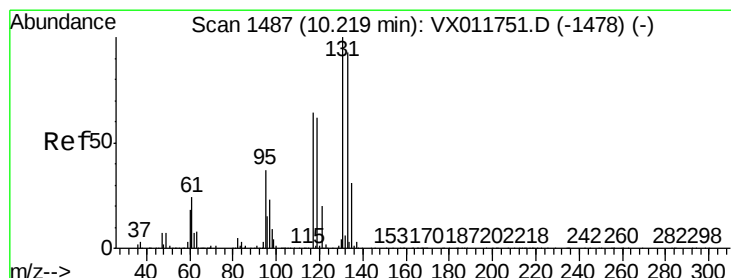
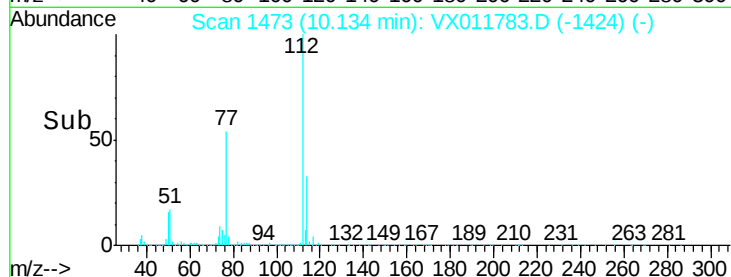
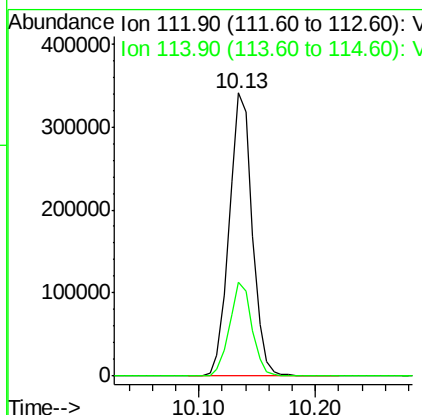
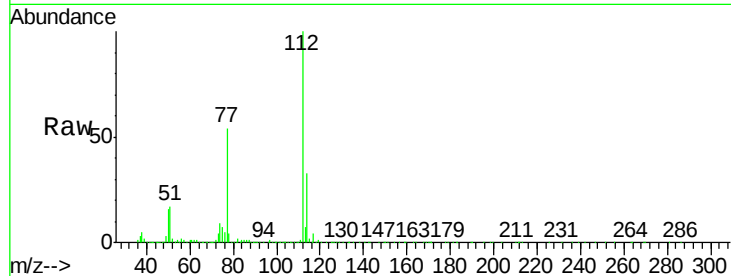
#65
Chlorobenzene
Concen: 49.024 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.4	38.0

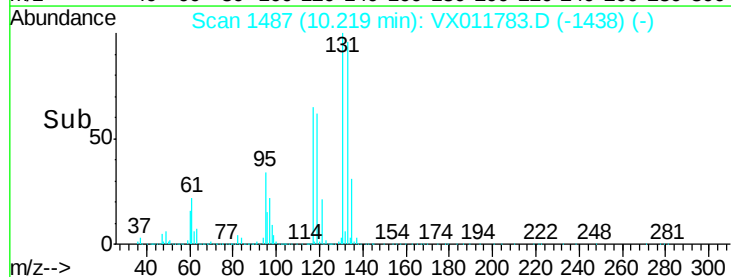
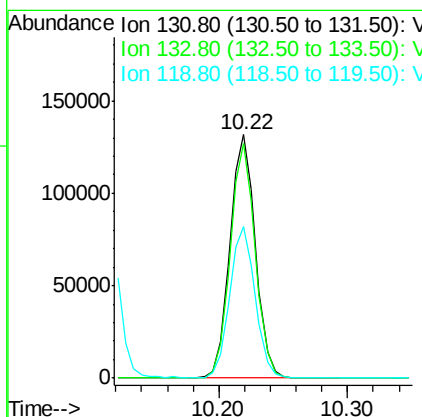
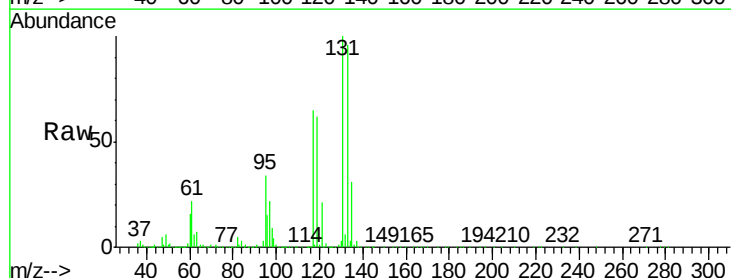
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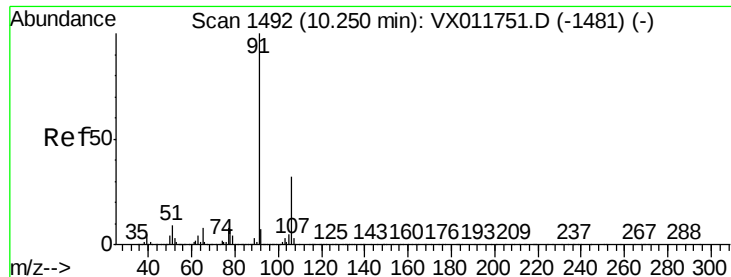
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.827 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.8	143.4
119	62.1	31.3	93.8





#67

Ethyl Benzene

Concen: 49.255 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 785852

Ion Ratio Lower Upper

91 100

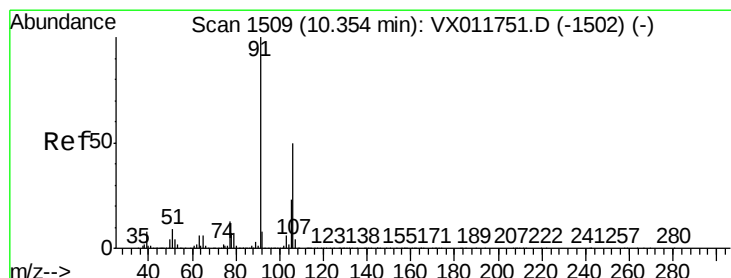
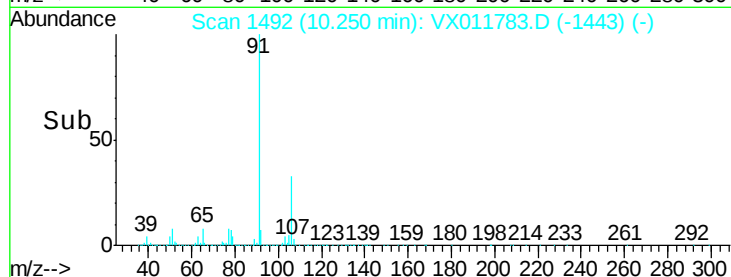
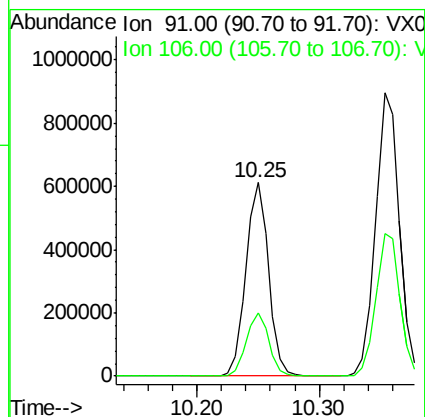
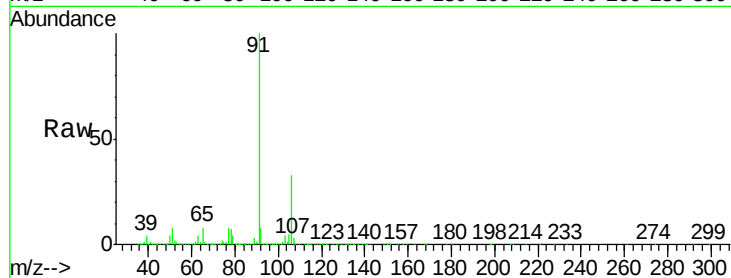
106 32.9 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 100.768 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011783.D

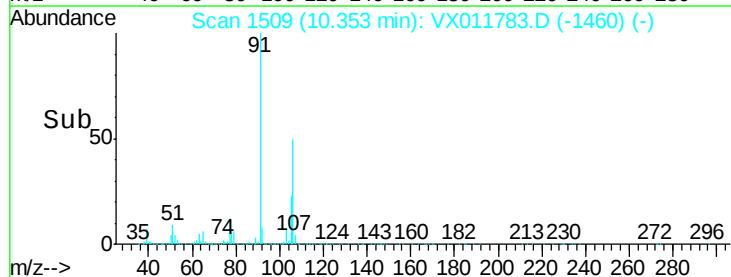
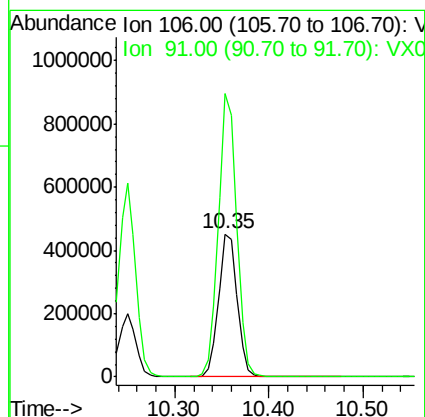
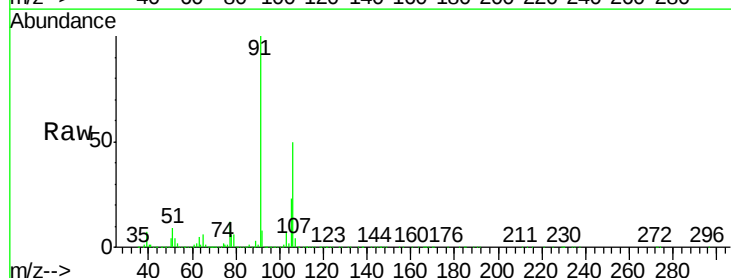
Acq: 22 Aug 2019 23:34

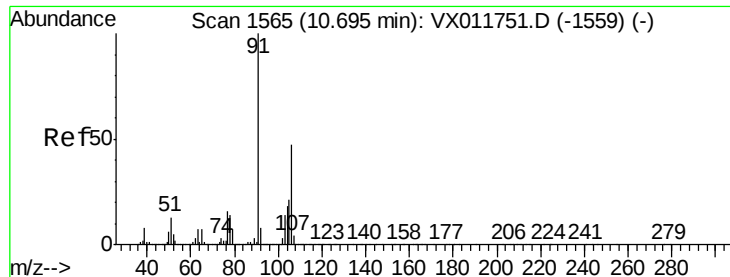
Tgt Ion: 106 Resp: 619909

Ion Ratio Lower Upper

106 100

91 195.2 158.3 237.5





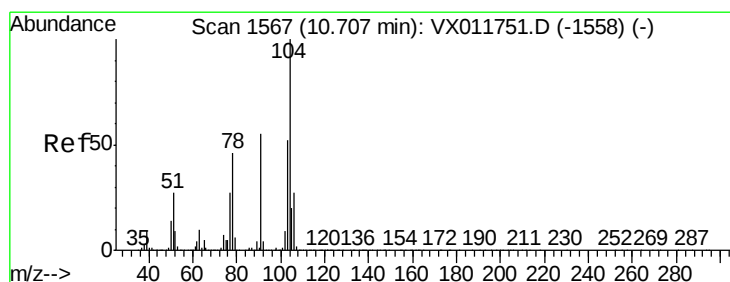
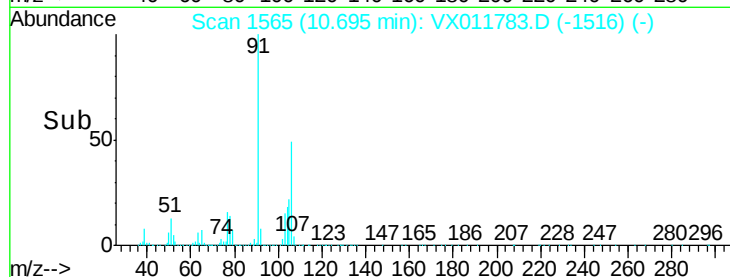
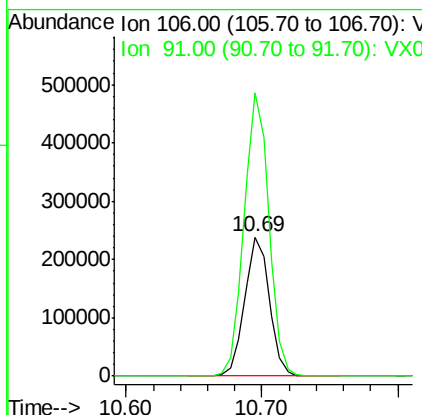
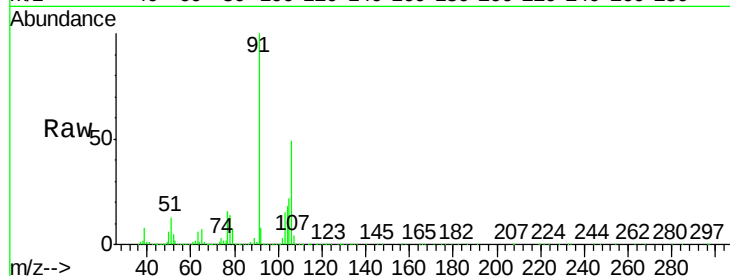
#69
o-Xylene
Concen: 50.231 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.2	105.0	314.9

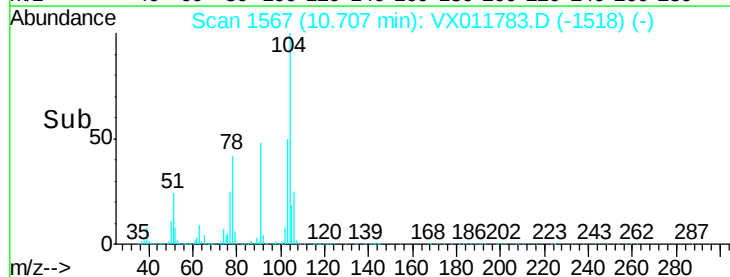
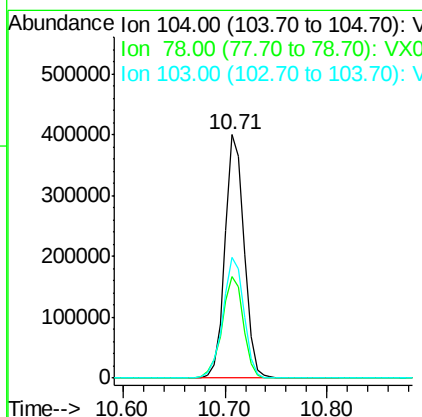
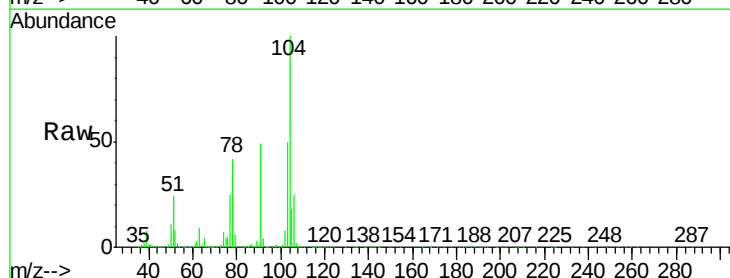
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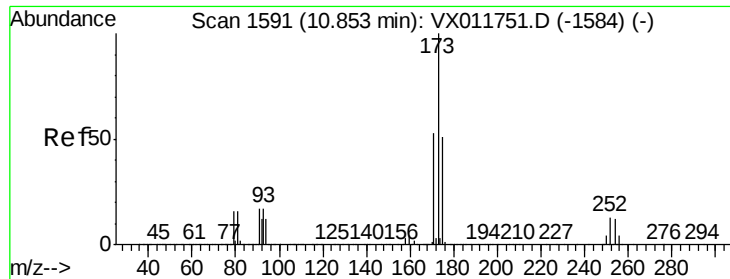
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#70
Styrene
Concen: 51.503 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.5	39.2	58.8
103	54.5	44.5	66.7





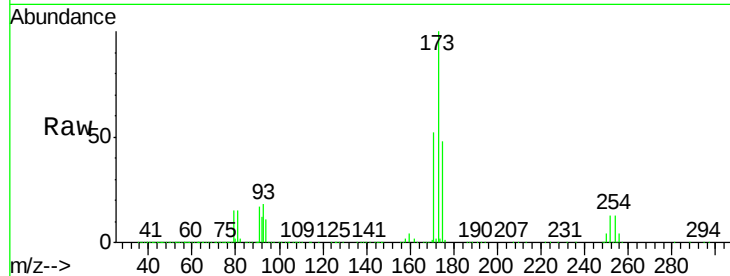
#71
Bromoform
Concen: 51.098 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

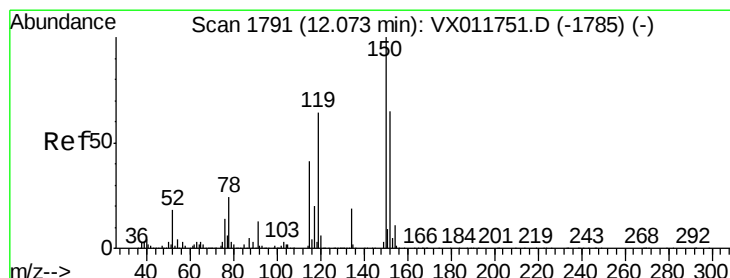
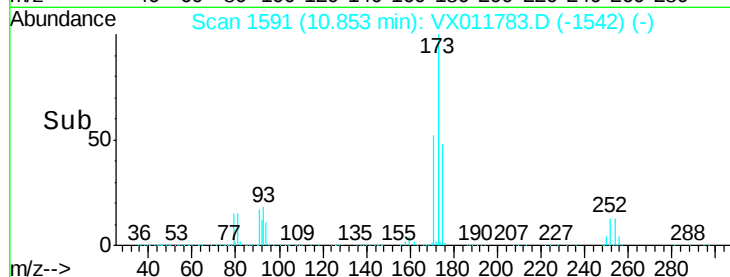
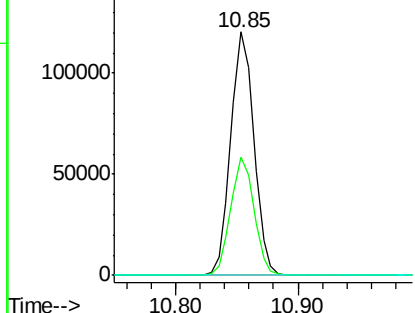
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	25.1	75.3
254	0.2	0.2	0.4

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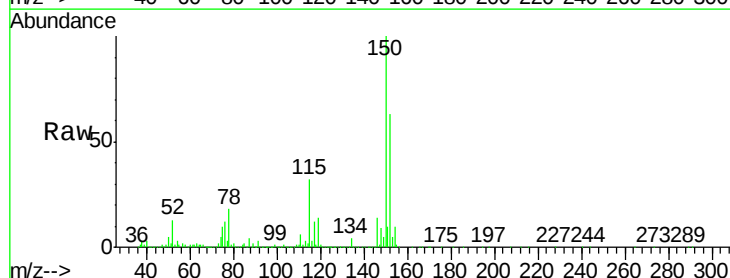


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

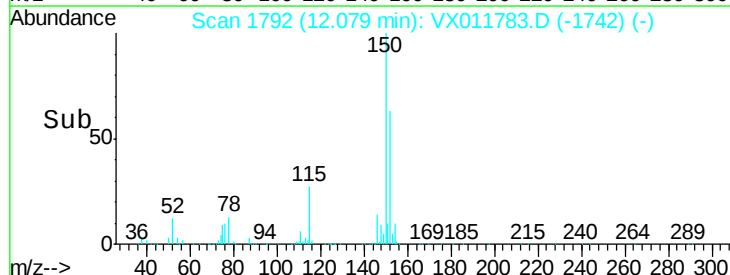
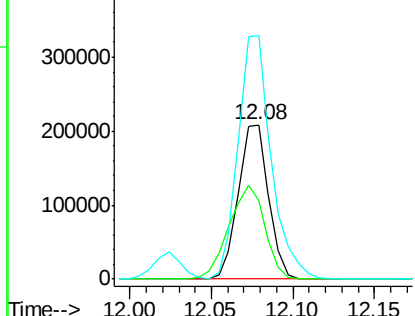


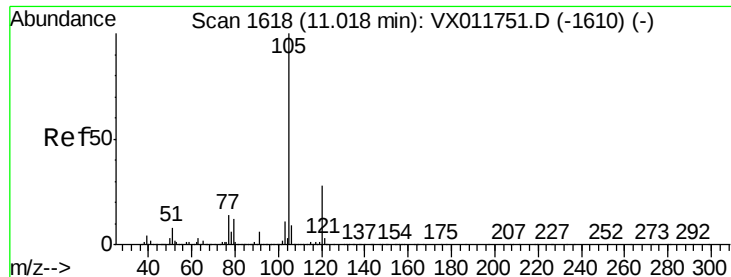
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	71.5	37.3	111.8
150	172.3	0.0	343.0



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





#73

Isopropylbenzene

Concen: 49.031 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 799792

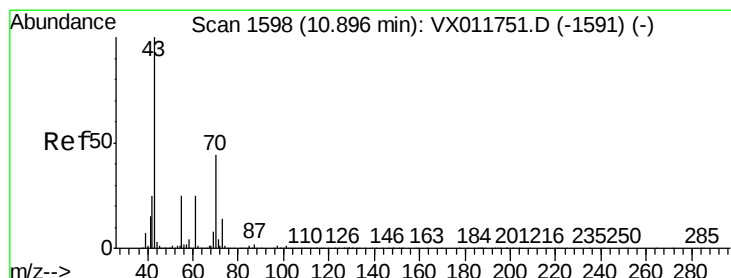
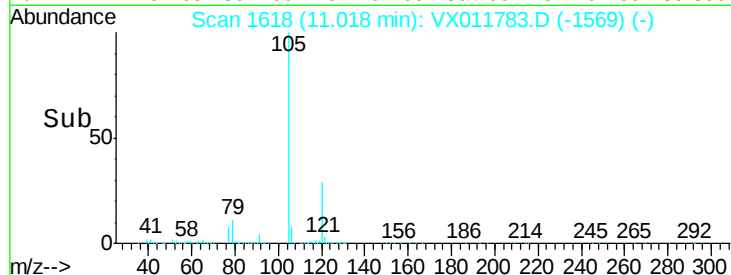
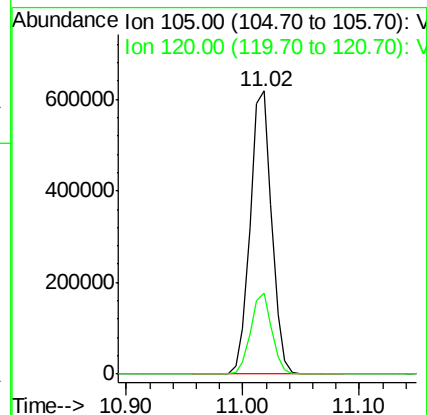
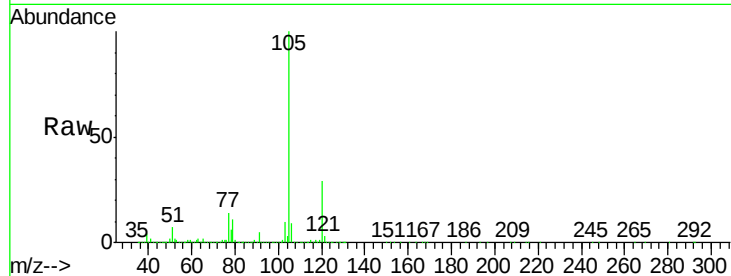
Ion Ratio Lower Upper

105 100

120 28.1 13.9 41.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 49.488 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion: 43 Resp: 312528

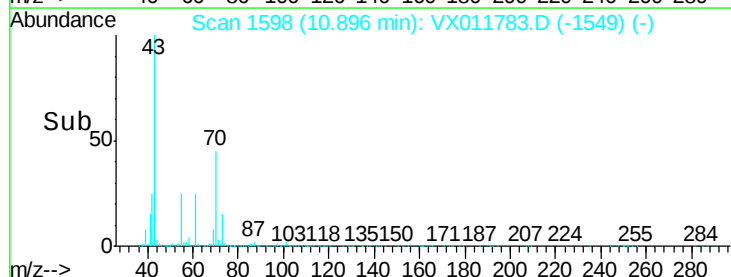
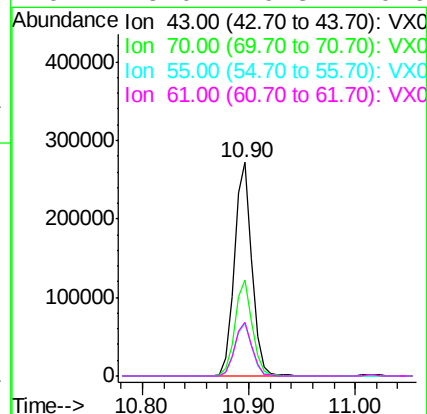
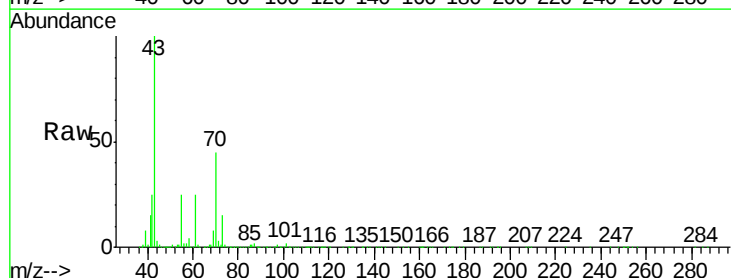
Ion Ratio Lower Upper

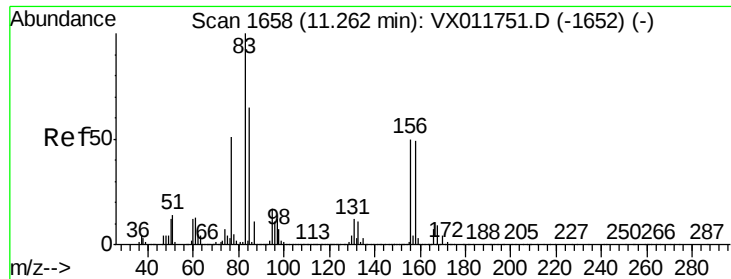
43 100

70 44.5 34.8 52.2

55 24.8 19.5 29.3

61 25.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.082 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

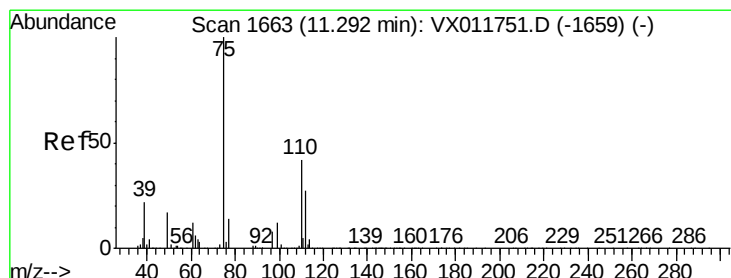
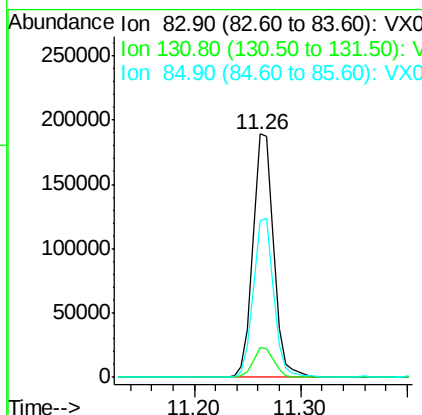
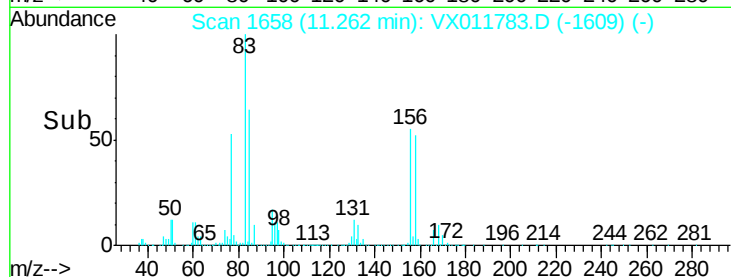
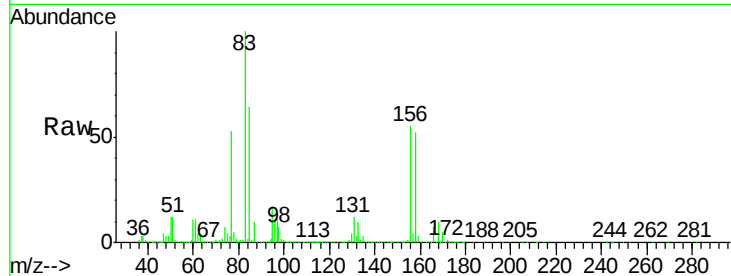
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	259606
Ion Ratio	Lower	Upper	
83	100		
131	12.4	6.1	18.3
85	64.3	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.788 ug/l m

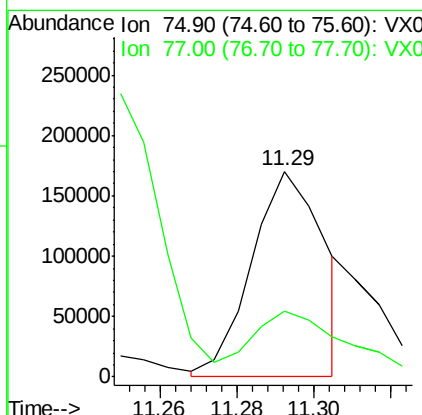
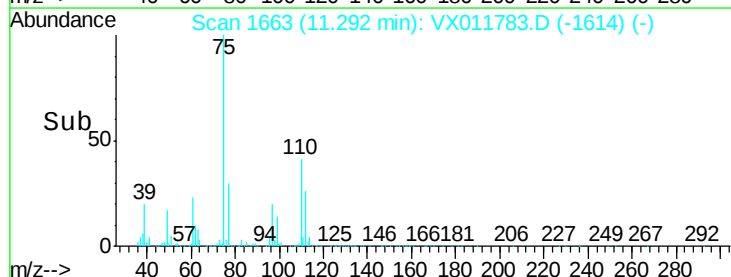
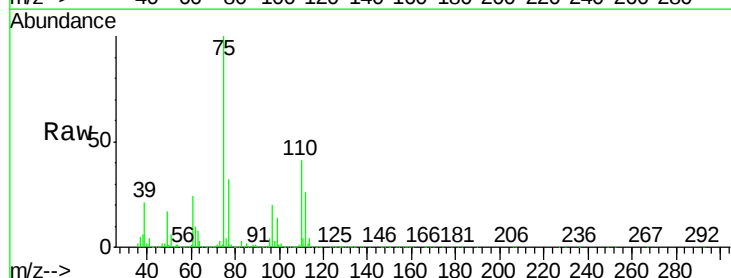
RT: 11.29 min Scan# 1663

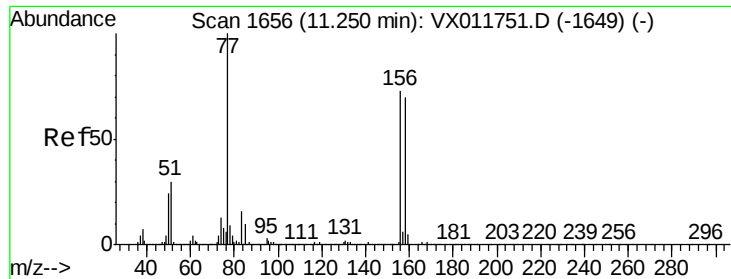
Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion:	75	Resp:	222225
Ion Ratio	Lower	Upper	
75	100		
77	41.7	21.1	63.3





#77

Bromobenzene

Concen: 48.987 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

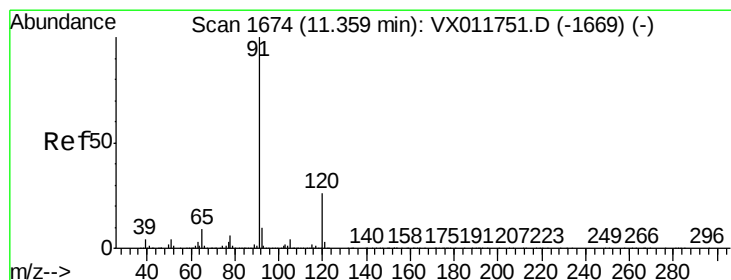
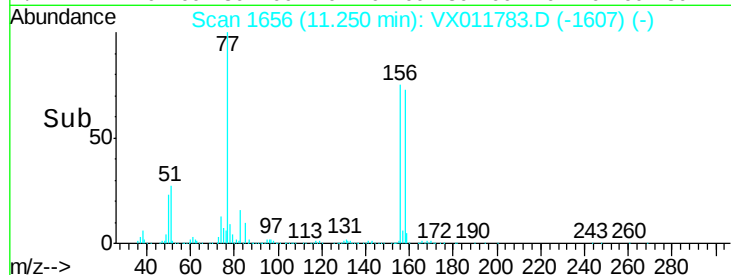
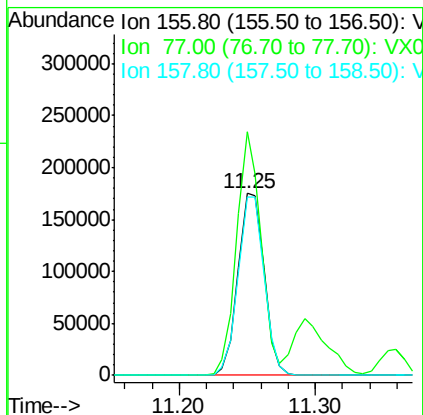
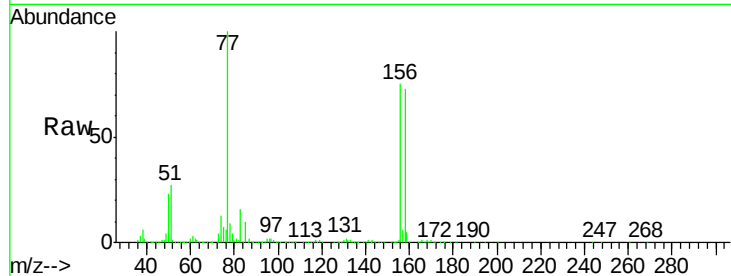
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	235572
Ion Ratio	Lower	Upper	
156	100		
77	125.2	65.3	196.0
158	98.3	48.4	145.0

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#78

n-propylbenzene

Concen: 49.588 ug/l

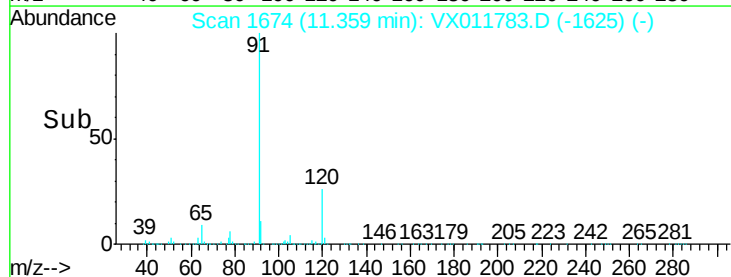
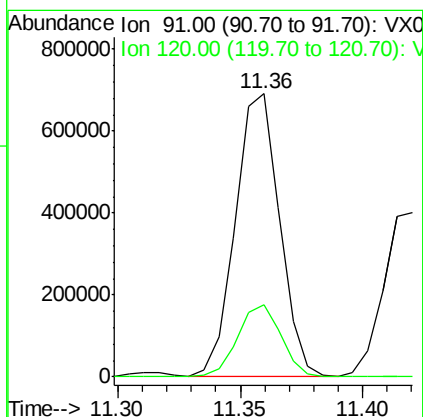
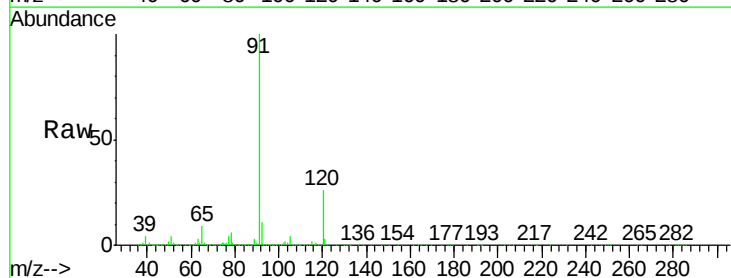
RT: 11.36 min Scan# 1674

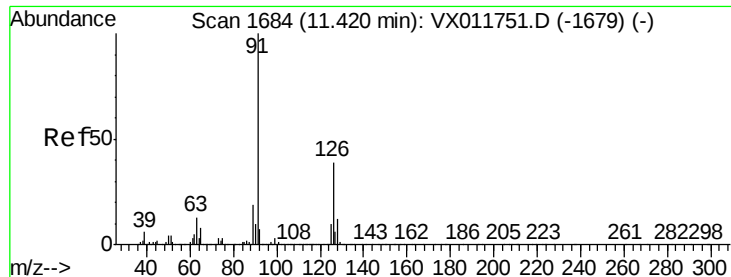
Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion:	91	Resp:	864915
Ion Ratio	Lower	Upper	
91	100		
120	25.3	12.7	38.1





#79

2-Chlorotoluene

Concen: 47.883 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 519598

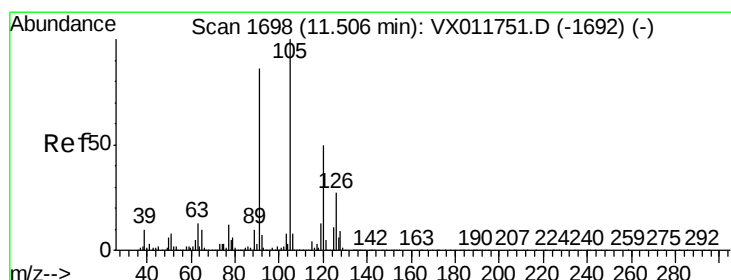
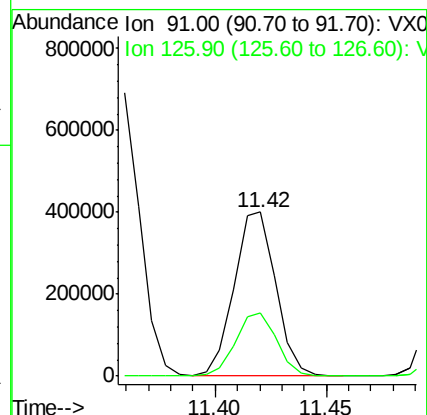
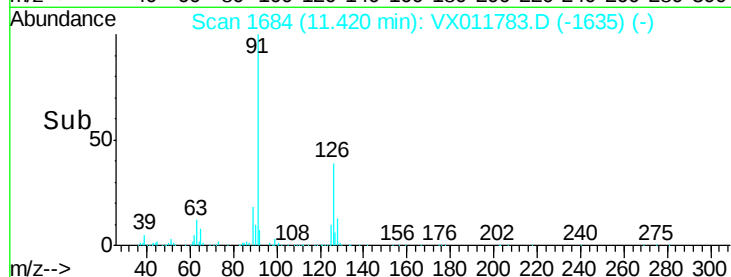
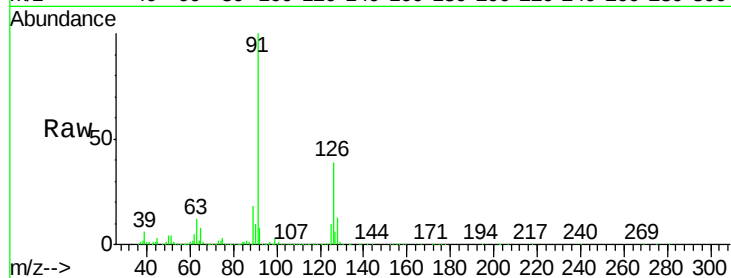
Ion Ratio Lower Upper

91 100

126 38.2 18.6 55.6

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 49.949 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011783.D

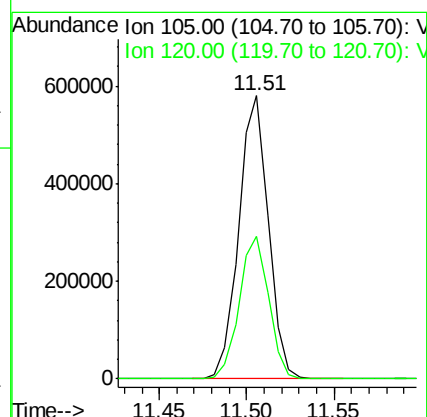
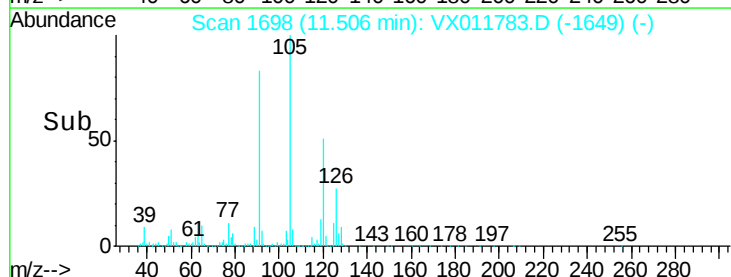
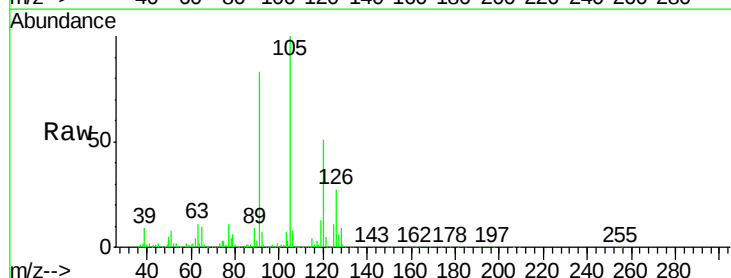
Acq: 22 Aug 2019 23:34

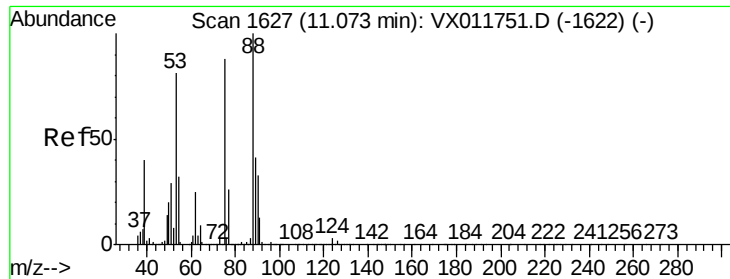
Tgt Ion: 105 Resp: 679805

Ion Ratio Lower Upper

105 100

120 50.4 24.8 74.4





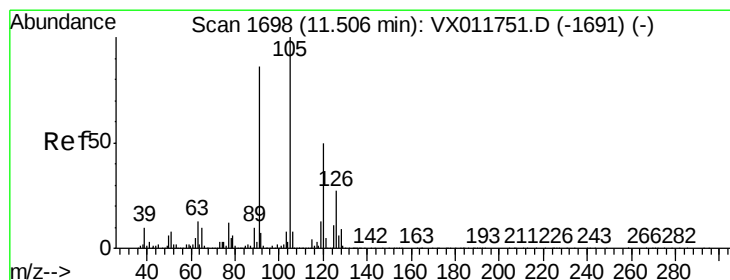
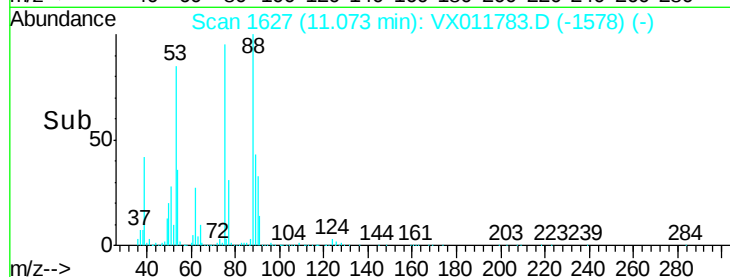
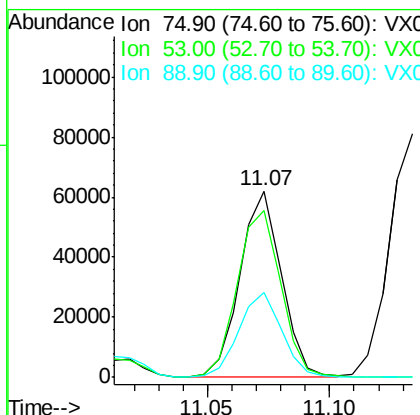
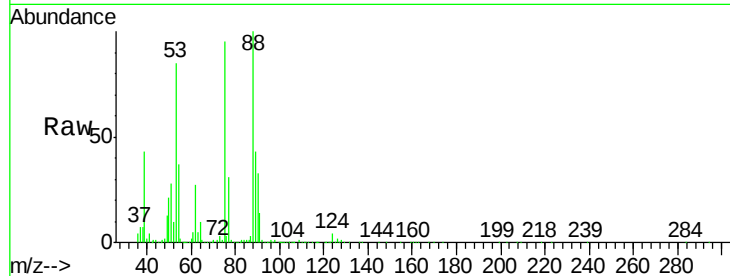
#81
trans-1,4-Dichloro-2-butene
Concen: 46.249 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.5	77.1	115.7
89	47.5	38.5	57.7

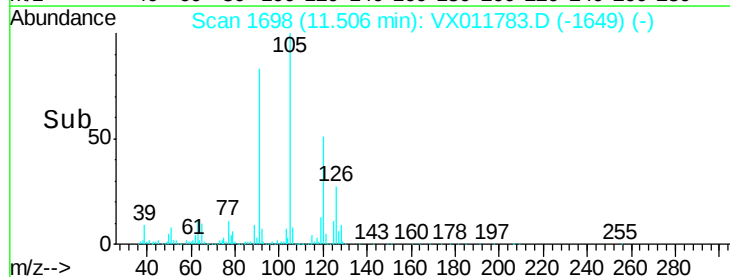
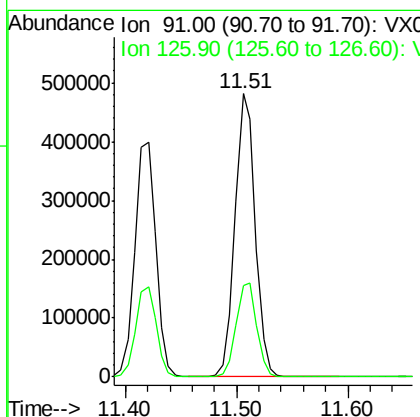
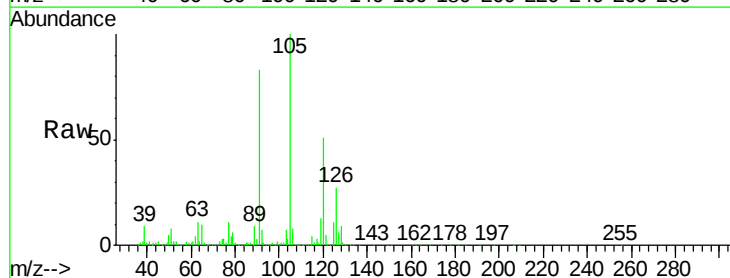
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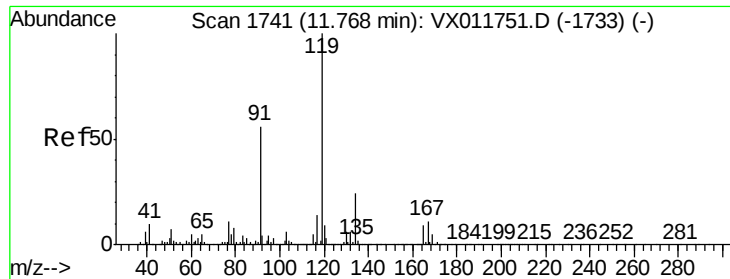
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#82
4-Chlorotoluene
Concen: 48.162 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.2	48.6





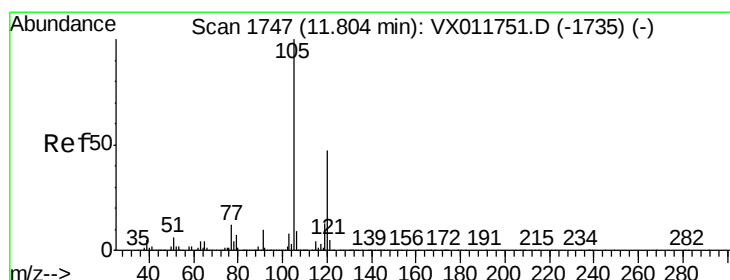
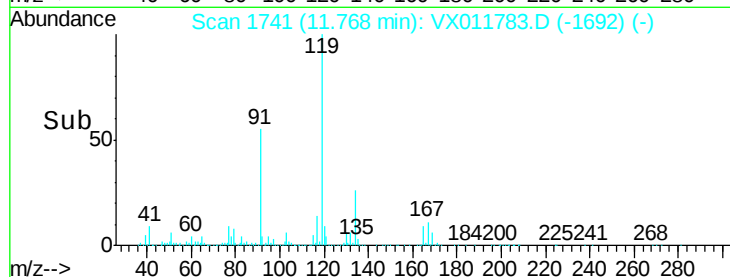
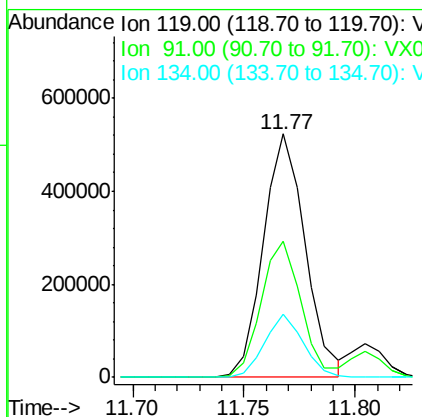
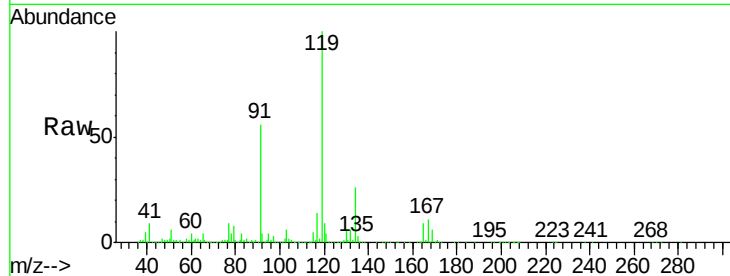
#83
tert-Butylbenzene
Concen: 50.866 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	683022		
91	53.7		27.7	83.1
134	24.1		11.8	35.3

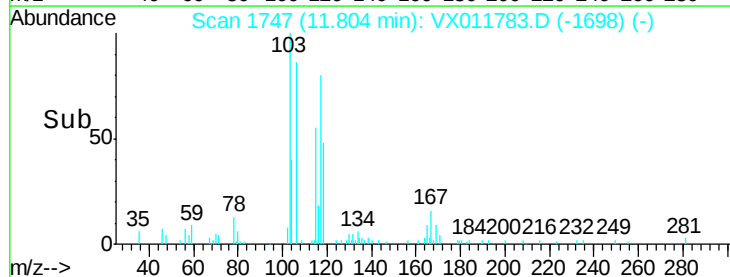
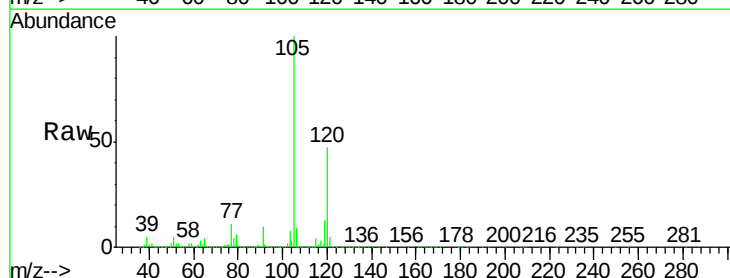
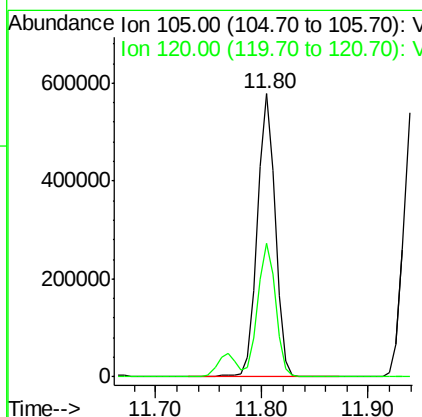
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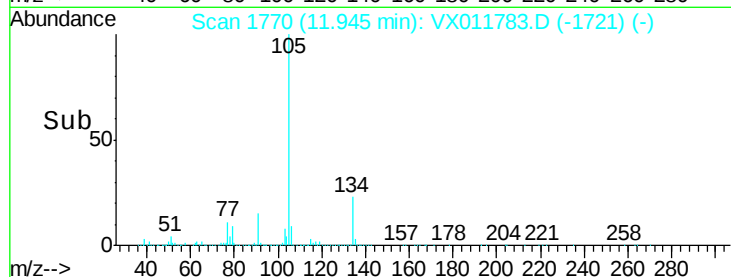
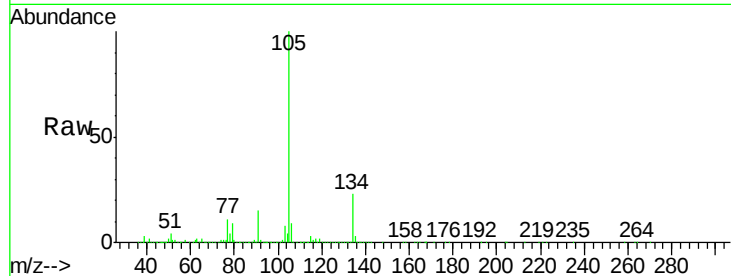
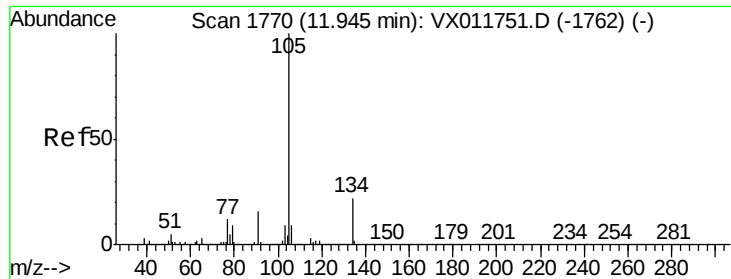
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#84
1,2,4-Trimethylbenzene
Concen: 49.694 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	682998		
120	47.2		23.7	71.1





#85

sec-Butylbenzene

Concen: 50.722 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011783.D

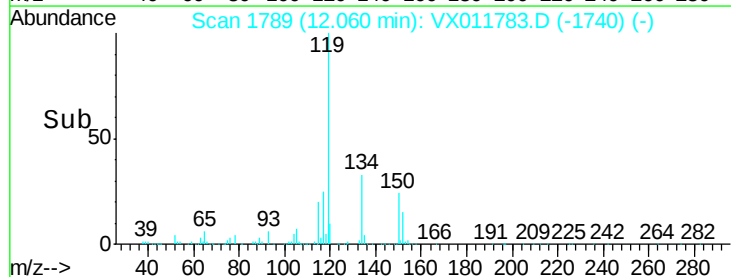
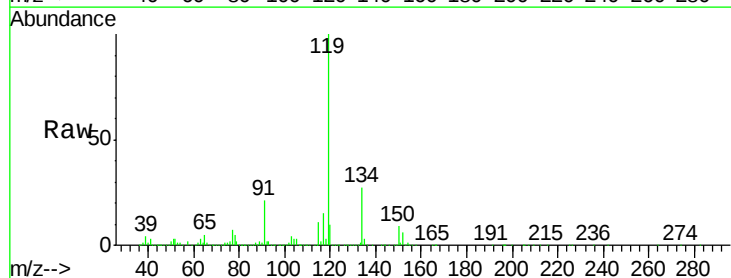
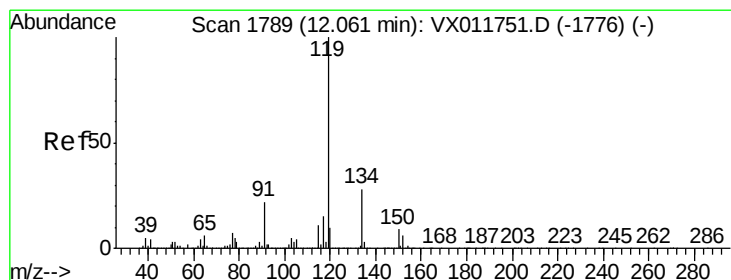
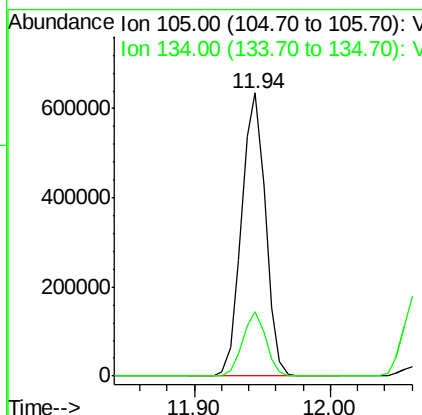
Acq: 22 Aug 2019 23:34

Tot Ion:	105	Resp:	779104
Ion Ratio	Lower	Upper	
105	100		
134	22.2	10.8	32.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#86

p-Isopropyltoluene

Concen: 50.091 ug/l

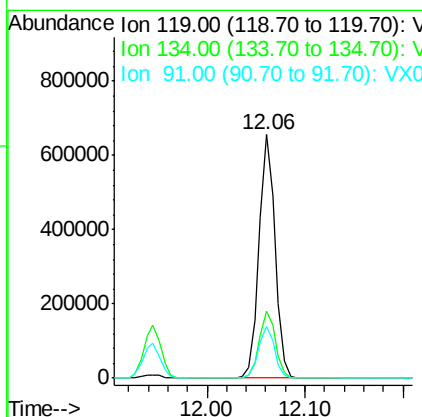
RT: 12.06 min Scan# 1789

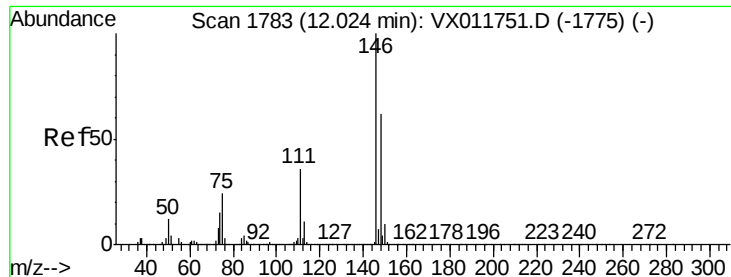
Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion:	119	Resp:	740280
Ion Ratio	Lower	Upper	
119	100		
134	28.0	13.7	41.0
91	21.2	11.1	33.3





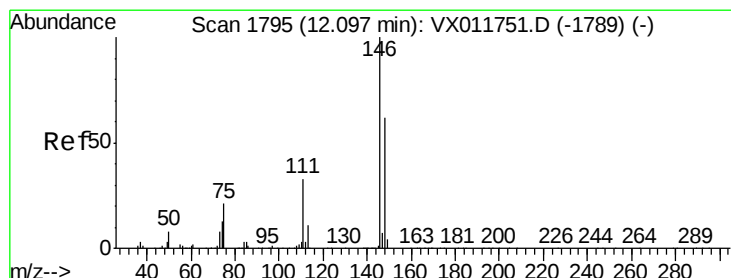
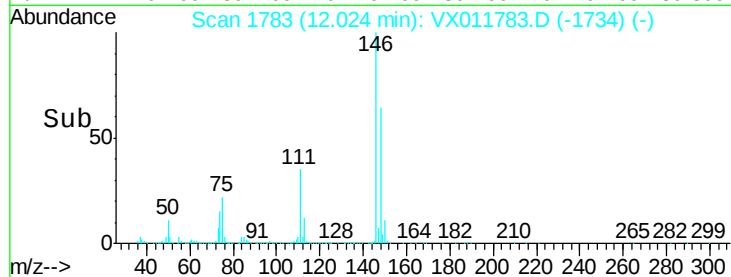
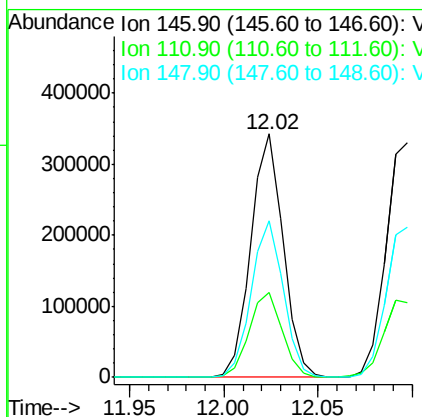
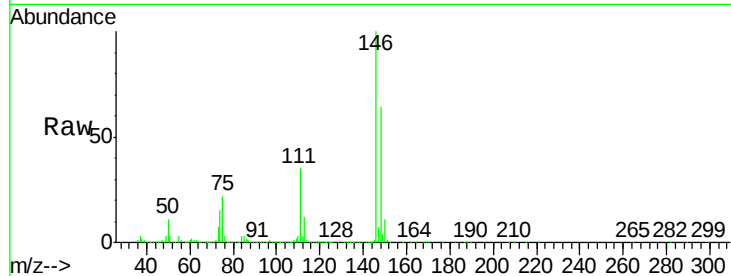
#87
 1,3-Dichlorobenzene
 Concen: 49.392 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.4
148	63.8	31.6	94.7

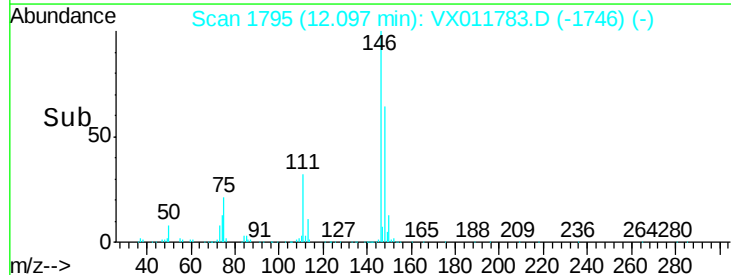
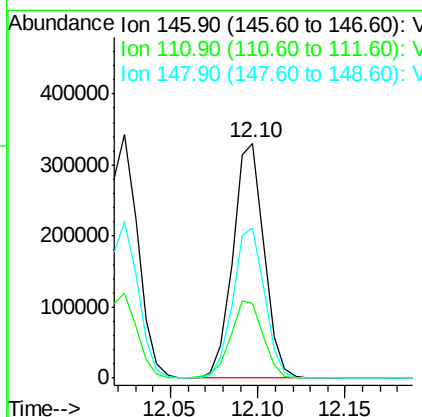
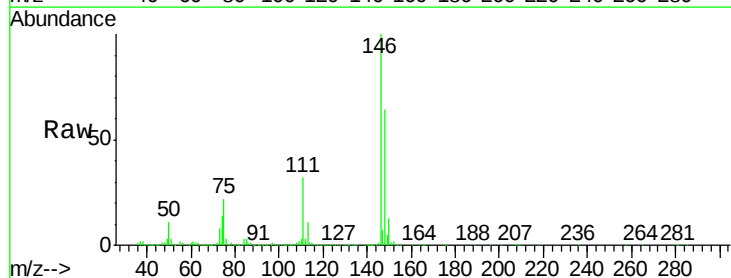
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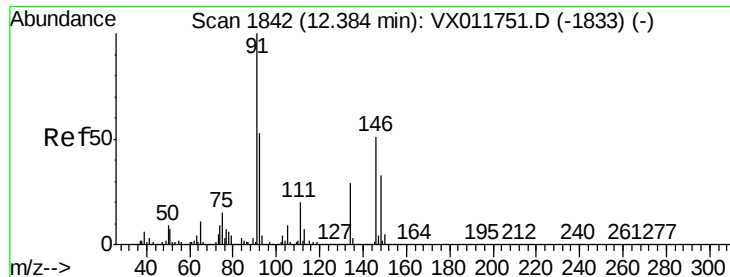
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#88
 1,4-Dichlorobenzene
 Concen: 48.635 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.4	17.8	53.4
148	65.0	31.9	95.7





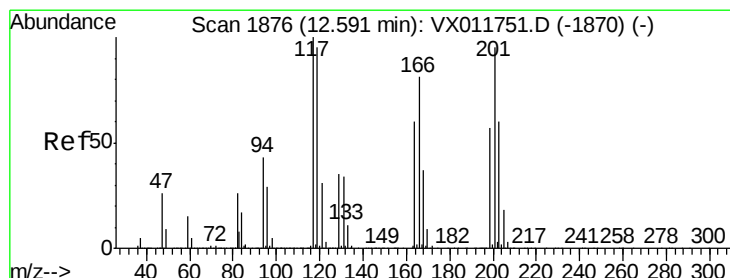
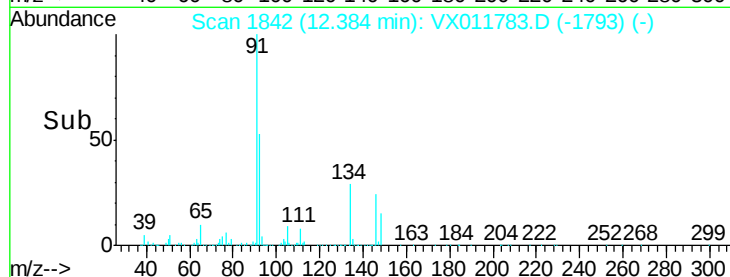
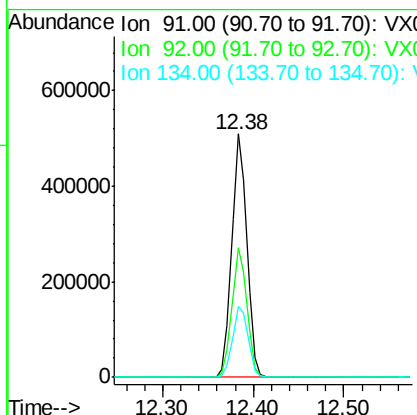
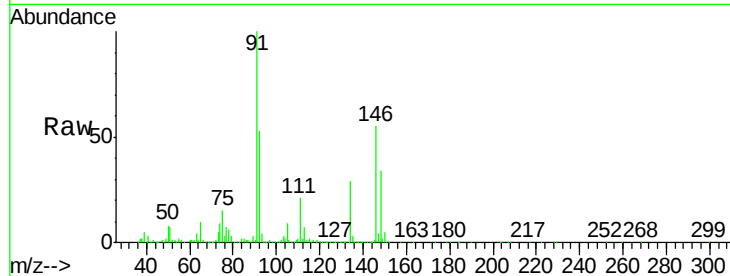
#89
n-Butylbenzene
Concen: 48.082 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	588247		
92	53.0		26.7	80.0
134	29.9		14.6	43.8

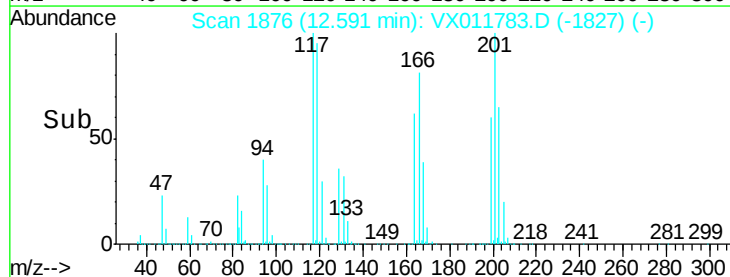
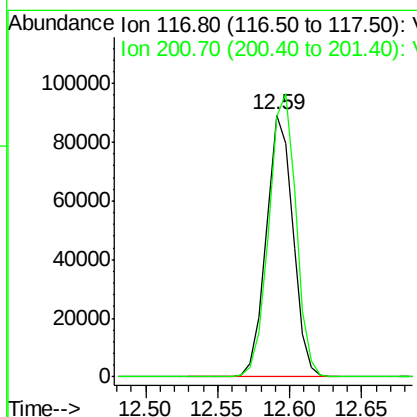
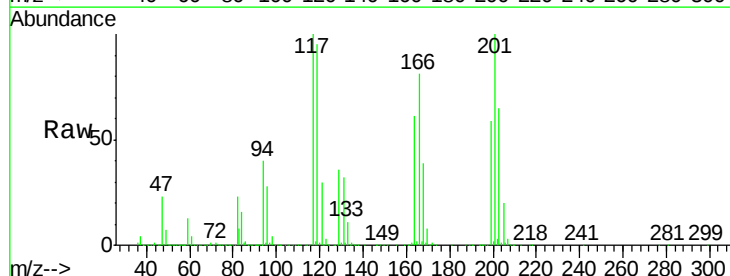
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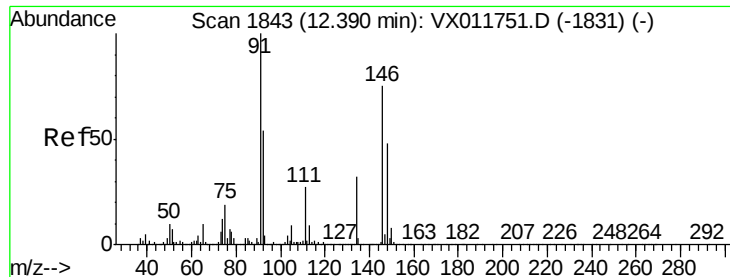
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#90
Hexachloroethane
Concen: 49.858 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114474		
201	109.9		49.6	149.0





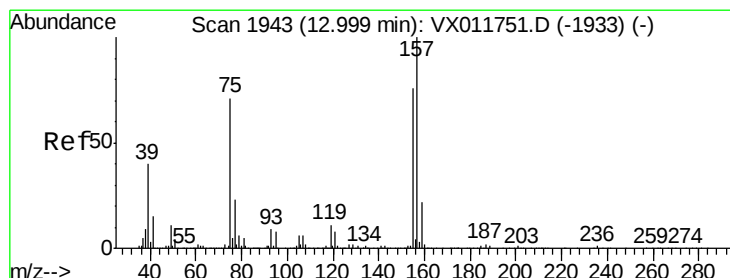
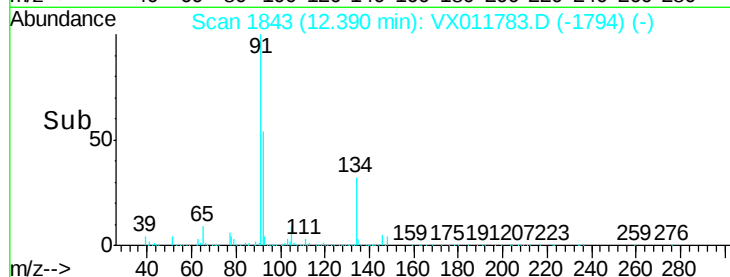
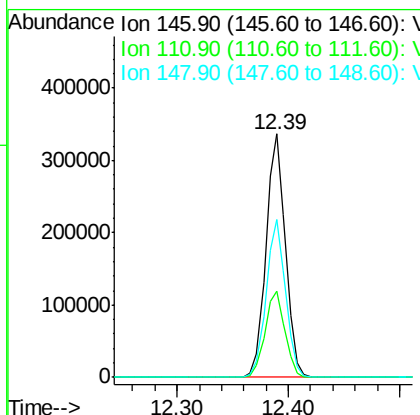
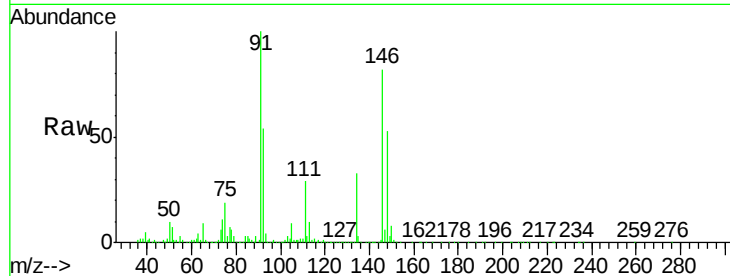
#91
 1,2-Dichlorobenzene
 Concen: 49.149 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.8	56.4
148	64.6	31.6	95.0

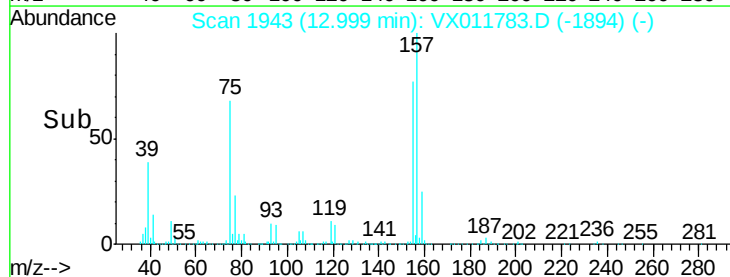
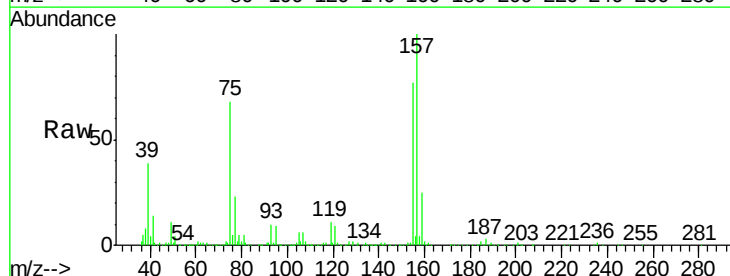
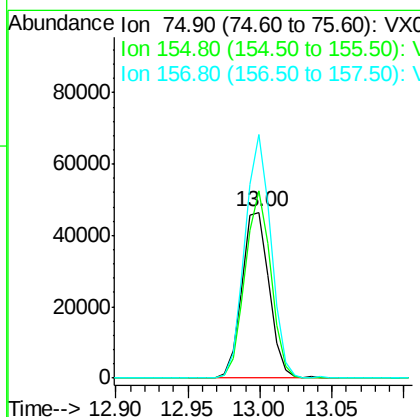
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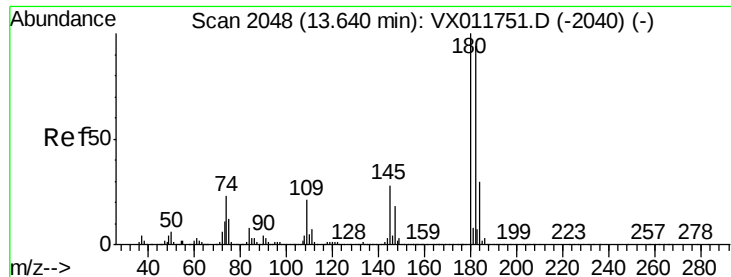
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.349 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.1	52.6	157.9
157	139.8	68.3	204.9





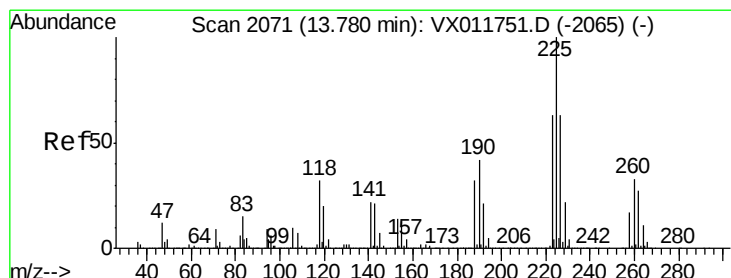
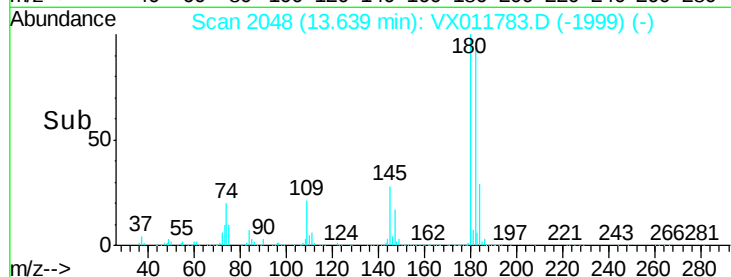
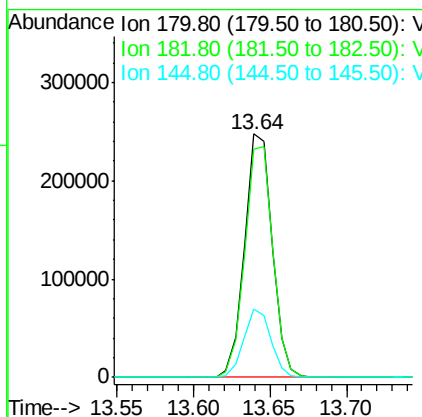
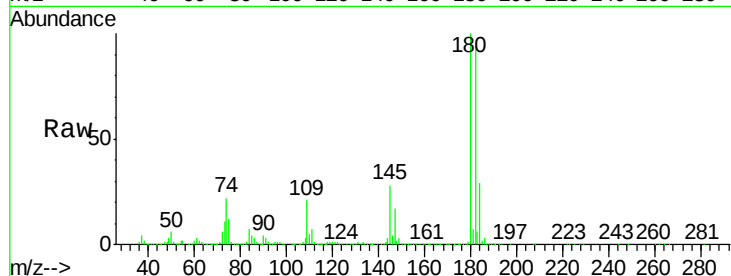
#93
 1,2,4-Trichlorobenzene
 Concen: 50.508 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	310314
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.8	143.4
145	27.7	14.1	42.3

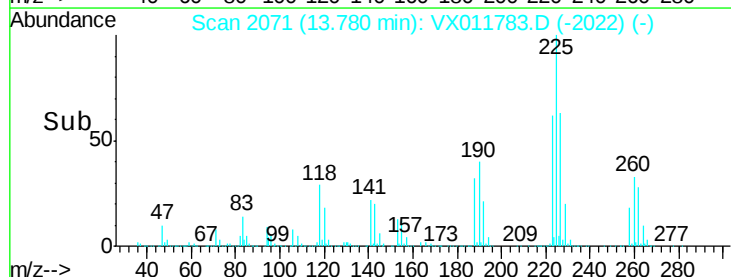
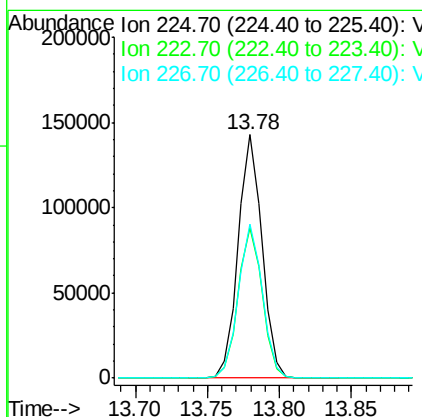
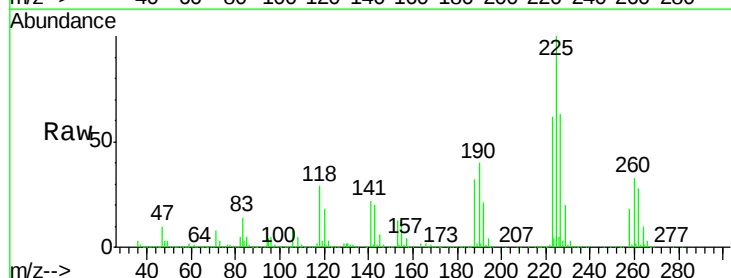
Manual Integrations
 APPROVED

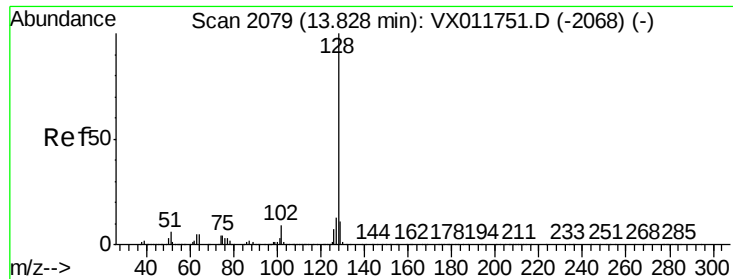
MMDadoda
 8/23/2019 8:42:04 AM



#94
 Hexachlorobutadiene
 Concen: 48.961 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion:	225	Resp:	164833
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.0	93.0
227	63.6	31.8	95.3





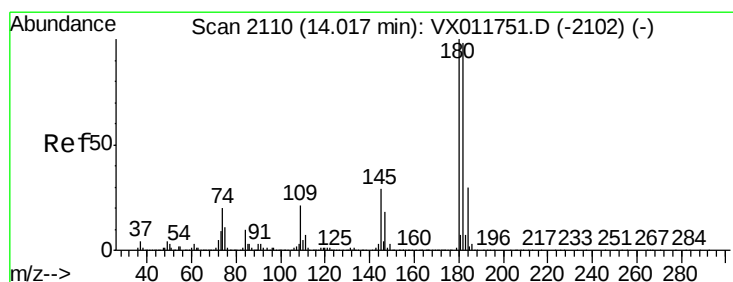
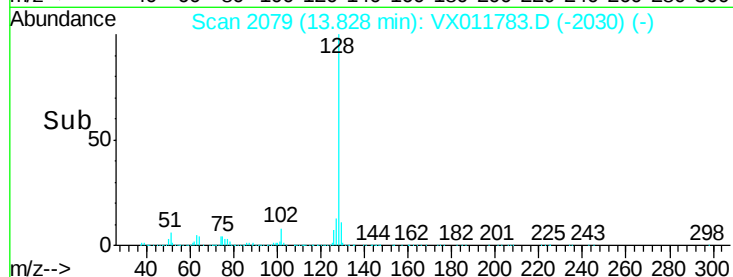
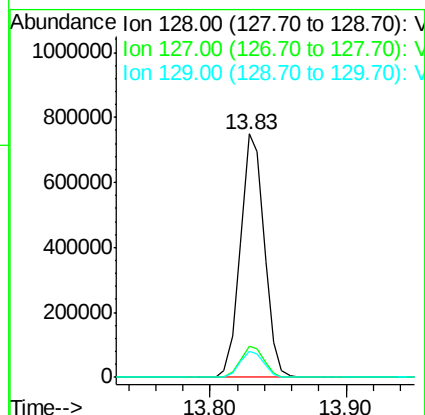
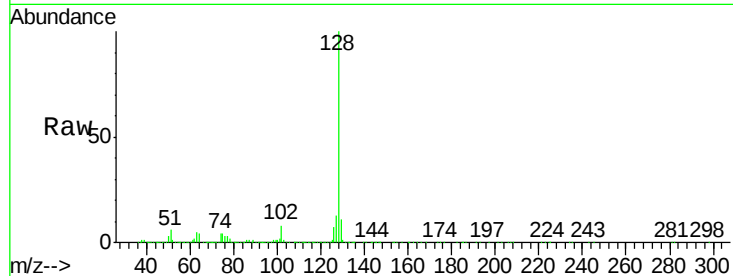
#95
Naphthalene
Concen: 54.033 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/23/2019 8:42:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.195 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.5	145.5
145	28.5	14.6	43.8

