

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007753.D
 Acq On : 27 Feb 2019 23:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:23:09 PM

Quant Time: Feb 28 06:12:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	425380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198603	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	173127	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
35) Dibromofluoromethane	5.50	113	142072	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	8.71	98	520277	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.13	95	186792	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	114649	43.449	ug/l	98
3) Chloromethane	1.33	50	129582	44.316	ug/l	100
4) Vinyl Chloride	1.41	62	138487	46.164	ug/l	99
5) Bromomethane	1.64	94	79927	42.051	ug/l	99
6) Chloroethane	1.72	64	91181	47.574	ug/l	98
7) Trichlorofluoromethane	1.93	101	195670	42.547	ug/l	99
8) Diethyl Ether	2.19	74	85512	45.307	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	112115	40.335	ug/l	98
10) Methyl Iodide	2.51	142	173725	50.193	ug/l	99
11) Tert butyl alcohol	3.08	59	167836	249.312	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112274	44.810	ug/l	91
13) Acrolein	2.30	56	128843	215.381	ug/l	99
14) Allyl chloride	2.73	41	233781	50.462	ug/l	93
15) Acrylonitrile	3.15	53	403683	254.813	ug/l	99
16) Acetone	2.45	43	356455	225.914	ug/l	97
17) Carbon Disulfide	2.57	76	300103	43.052	ug/l	99
18) Methyl Acetate	2.78	43	186926	54.292	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	416569	47.743	ug/l	99
20) Methylene Chloride	2.86	84	128086	43.963	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	120144	44.108	ug/l	90
22) Diisopropyl ether	3.87	45	488953	50.699	ug/l	96
23) Vinyl Acetate	3.82	43	2122859	250.888	ug/l	97
24) 1,1-Dichloroethane	3.70	63	252540	48.182	ug/l	98
25) 2-Butanone	4.70	43	613957	255.448	ug/l	96
26) 2,2-Dichloropropane	4.59	77	153937	36.793	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	152700	44.058	ug/l	93
28) Bromochloromethane	5.02	49	131689	51.609	ug/l	85
29) Tetrahydrofuran	5.15	42	407675	257.323	ug/l	93
30) Chloroform	5.21	83	254427	45.317	ug/l	100
31) Cyclohexane	5.57	56	223297	45.291	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	212103	45.680	ug/l	97
36) 1,1-Dichloropropene	5.80	75	185314	48.457	ug/l	96
37) Ethyl Acetate	4.85	43	231874	54.582	ug/l	99
38) Carbon Tetrachloride	5.78	117	183788	47.842	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217526	45.005	ug/l	93
40) Benzene	6.15	78	576780	48.857	ug/l	99
41) Methacrylonitrile	5.06	41	130904	57.706	ug/l	94
42) 1,2-Dichloroethane	6.20	62	206329	51.999	ug/l	99
43) Isopropyl Acetate	6.46	43	357797	54.724	ug/l	98
44) Trichloroethene	7.21	130	154765	47.656	ug/l	94
45) 1,2-Dichloropropane	7.51	63	154492	50.519	ug/l	100
46) Dibromomethane	7.66	93	99373	46.579	ug/l	99
47) Bromodichloromethane	7.90	83	186129	50.344	ug/l	99
48) Methyl methacrylate	7.77	41	190828	55.680	ug/l	92
49) 1,4-Dioxane	7.75	88	76121	1028.355	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1179877	269.592	ug/l	99
52) Toluene	8.79	92	354940	47.679	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	201409	44.166	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	222272	49.541	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	147224	47.425	ug/l	98
56) Ethyl methacrylate	9.18	69	228928	51.857	ug/l	95
57) 1,3-Dichloropropane	9.37	76	249127	50.133	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	647376	265.927	ug/l	97
59) 2-Hexanone	9.49	43	892989	259.894	ug/l	99
60) Dibromochloromethane	9.59	129	150411	50.354	ug/l	97
61) 1,2-Dibromoethane	9.67	107	156580	48.581	ug/l	99
64) Tetrachloroethene	9.34	164	159765	51.551	ug/l	98
65) Chlorobenzene	10.14	112	388696	47.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	144825	50.285	ug/l	99
67) Ethyl Benzene	10.25	91	657189	48.049	ug/l	99
68) m/p-Xylenes	10.36	106	507496	95.377	ug/l	96
69) o-Xylene	10.69	106	249651	48.778	ug/l	97
70) Styrene	10.71	104	416407	49.498	ug/l	99
71) Bromoform	10.86	173	118464	54.852	ug/l #	99
73) Isopropylbenzene	11.02	105	662815	46.696	ug/l	99
74) N-amyl acetate	10.90	43	309235	50.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	218988	44.606	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	185141m	43.734	ug/l	
77) Bromobenzene	11.26	156	176767	49.650	ug/l	94
78) n-propylbenzene	11.36	91	737255	45.964	ug/l	98
79) 2-Chlorotoluene	11.42	91	440998	45.662	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	548839	47.007	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	62462	40.169	ug/l	96
82) 4-Chlorotoluene	11.51	91	508066	44.969	ug/l	98
83) tert-Butylbenzene	11.77	119	533197	47.563	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	560359	46.919	ug/l	99
85) sec-Butylbenzene	11.94	105	650050	46.274	ug/l	99
86) p-Isopropyltoluene	12.06	119	581139	47.238	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	310456	47.011	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	311523	46.060	ug/l	99
89) n-Butylbenzene	12.39	91	489424	44.608	ug/l	100
90) Hexachloroethane	12.60	117	93040	44.884	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	312423	47.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49074	45.877	ug/l	95

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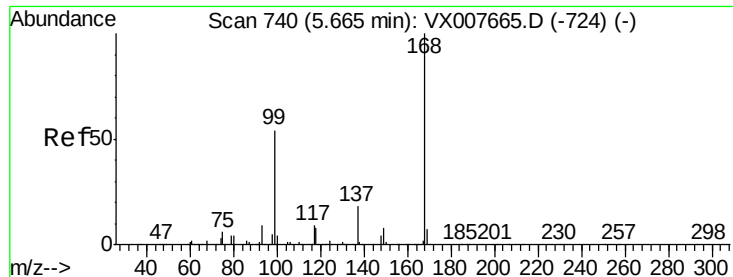
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	216375	53.646	ug/l	100
94) Hexachlorobutadiene	13.78	225	113081	61.286	ug/l	99
95) Naphthalene	13.83	128	674957	51.651	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	220674	54.489	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 286440

Ion Ratio Lower Upper

168 100

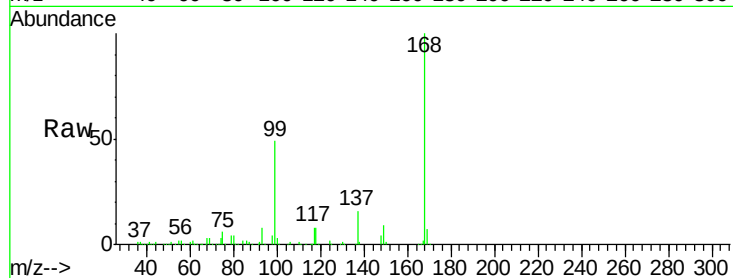
99 49.0 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

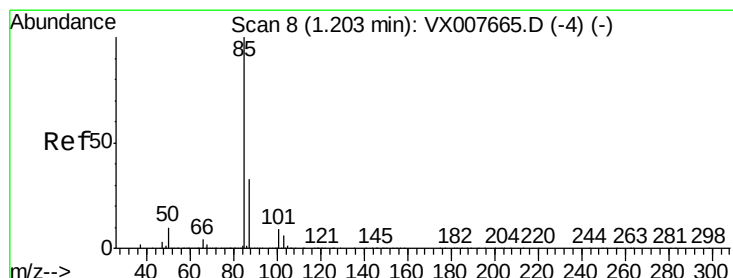
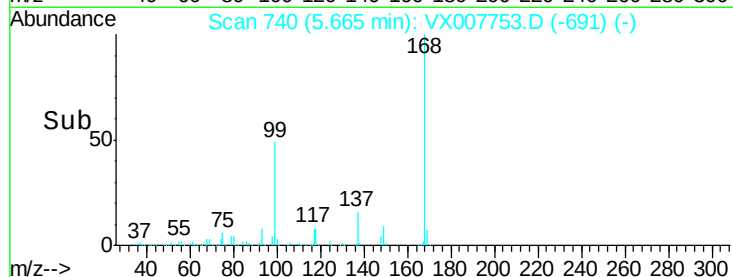
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.449 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007753.D

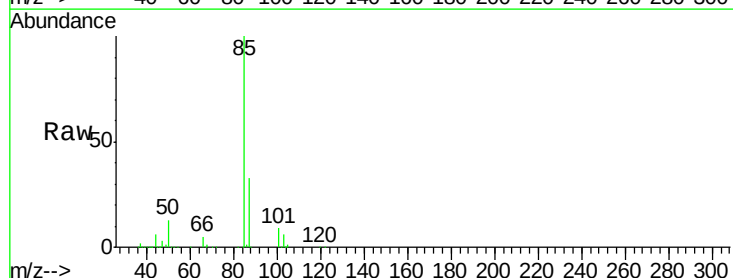
Acq: 27 Feb 2019 23:51

Tgt Ion: 85 Resp: 114649

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

40000

20000

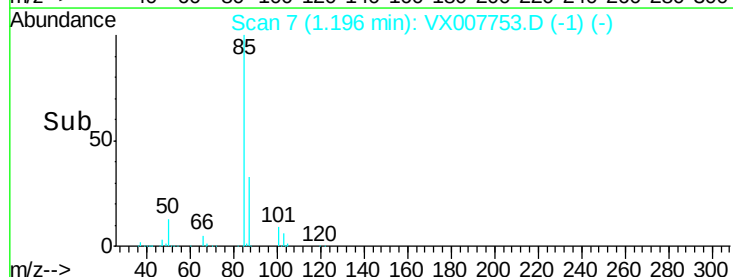
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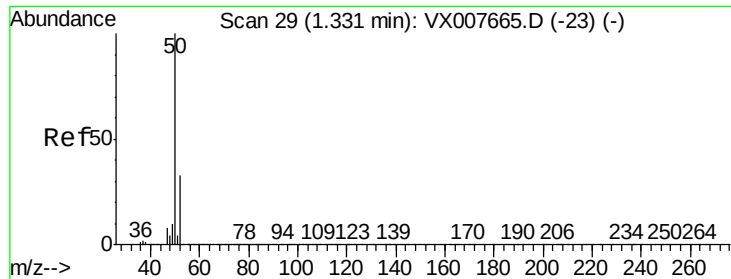
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 44.316 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 129582

Ion Ratio Lower Upper

50 100

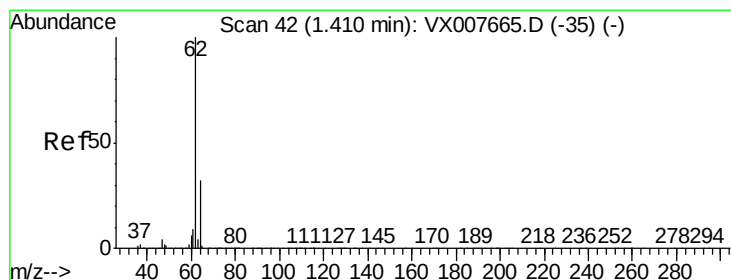
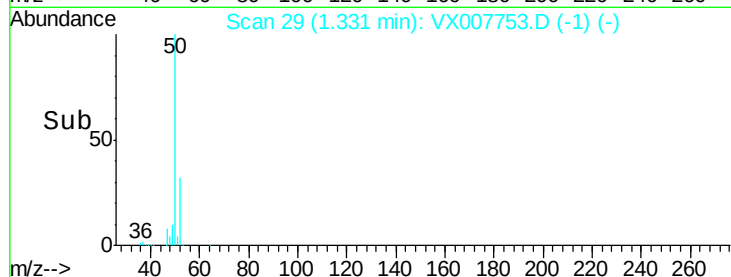
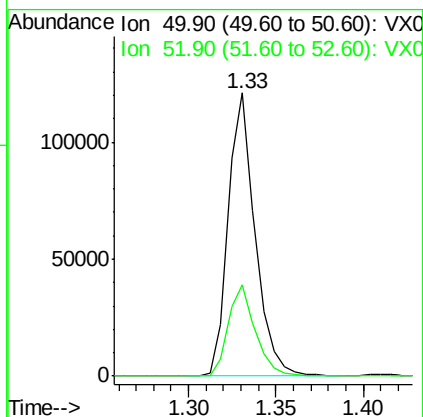
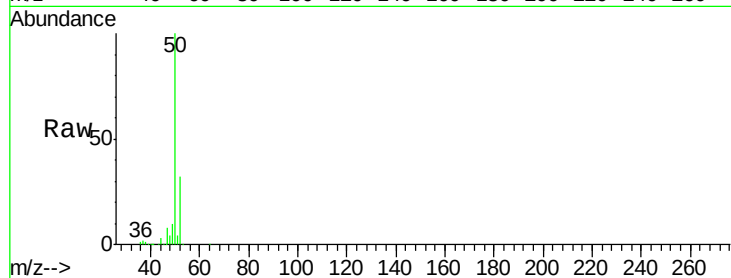
52 32.4 26.1 39.1

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#4

Vinyl Chloride

Concen: 46.164 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007753.D

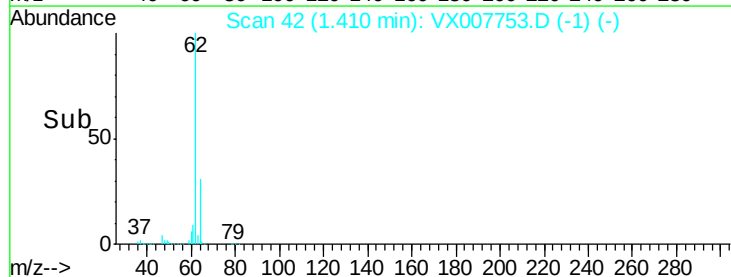
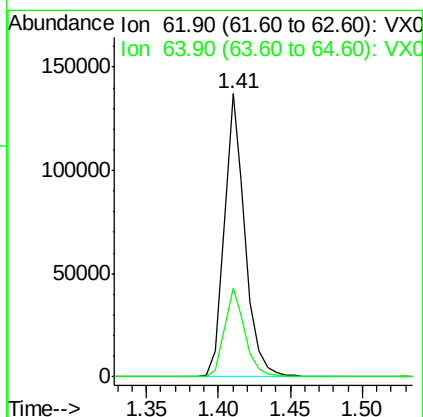
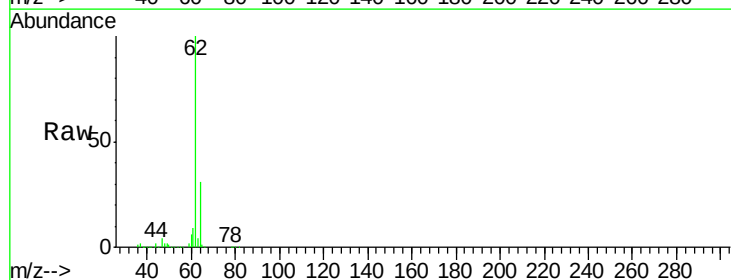
Acq: 27 Feb 2019 23:51

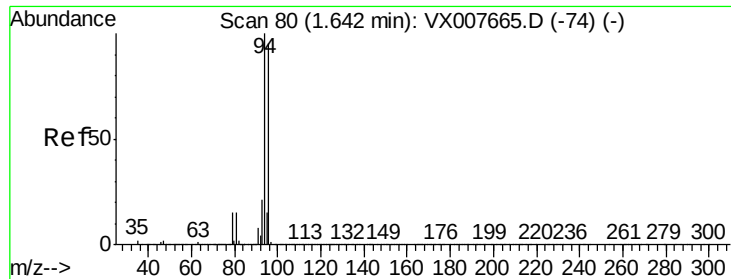
Tgt Ion: 62 Resp: 138487

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 42.051 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 79927

Ion Ratio Lower Upper

94 100

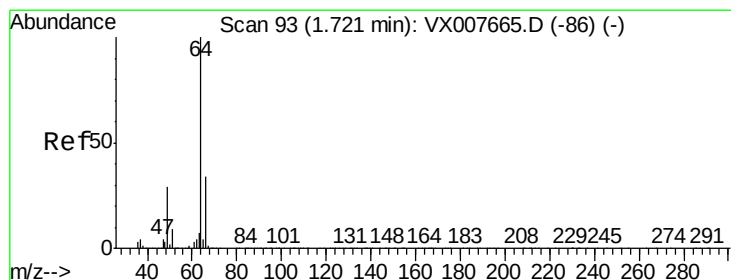
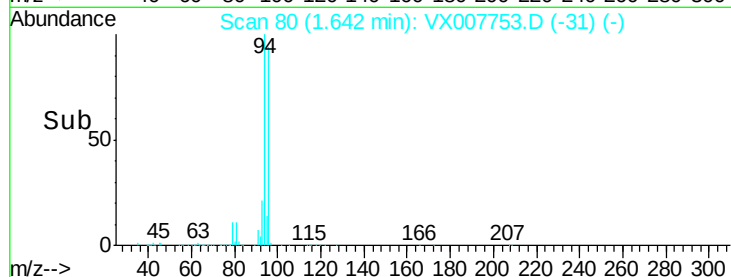
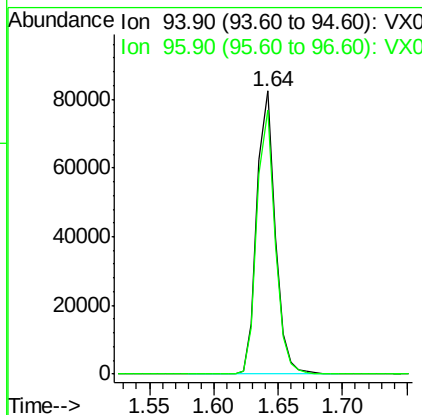
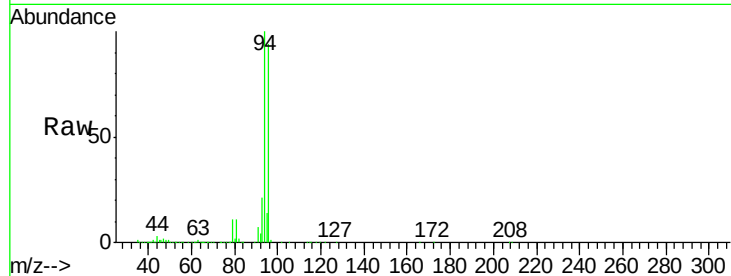
96 93.4 73.9 110.9

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#6

Chloroethane

Concen: 47.574 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007753.D

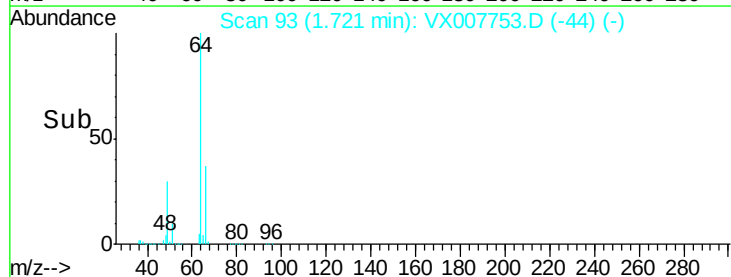
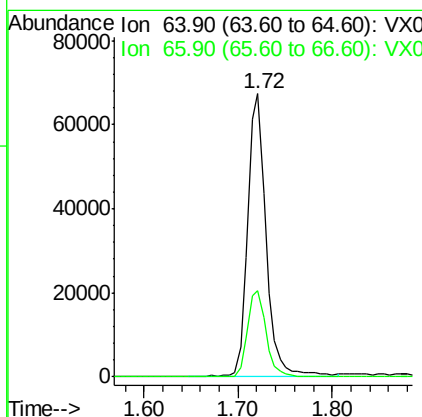
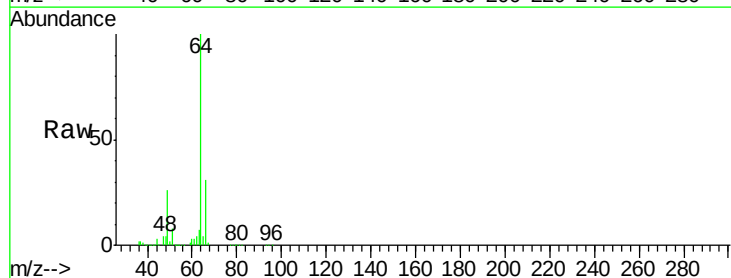
Acq: 27 Feb 2019 23:51

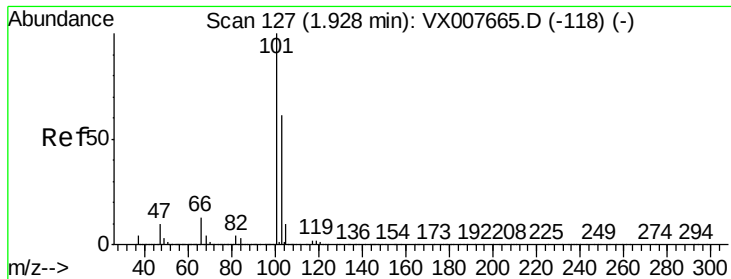
Tgt Ion: 64 Resp: 91181

Ion Ratio Lower Upper

64 100

66 30.5 25.5 38.3





#7

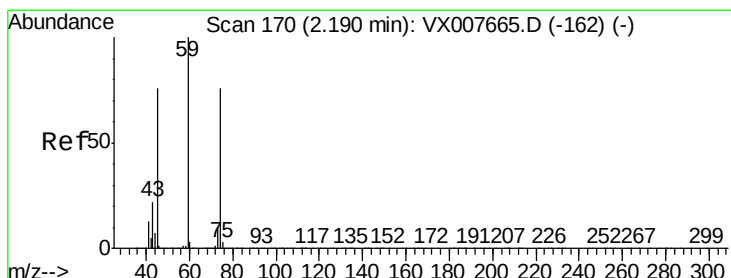
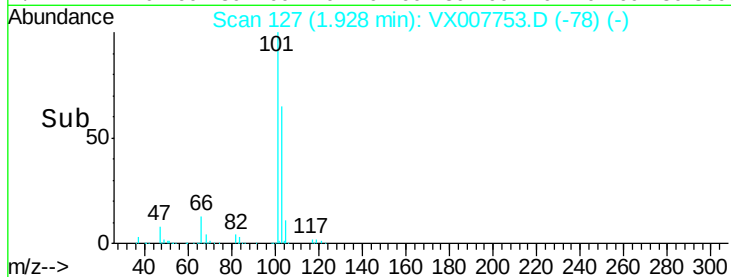
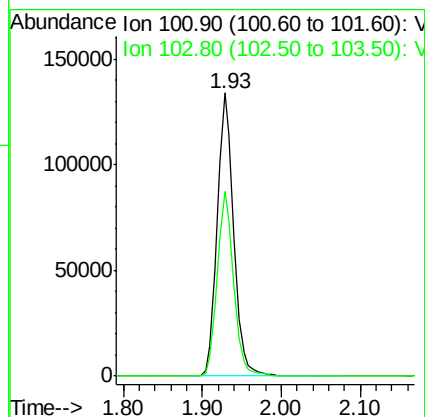
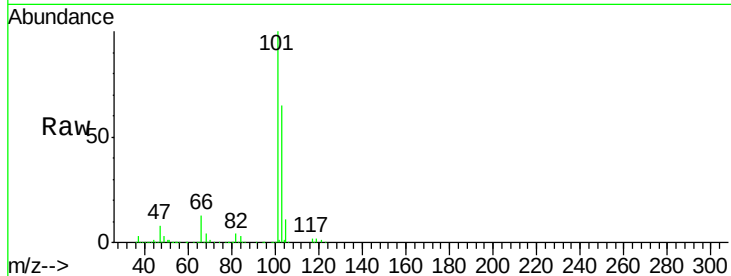
Trichlorofluoromethane
Concen: 42.547 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007753.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.6	79.0

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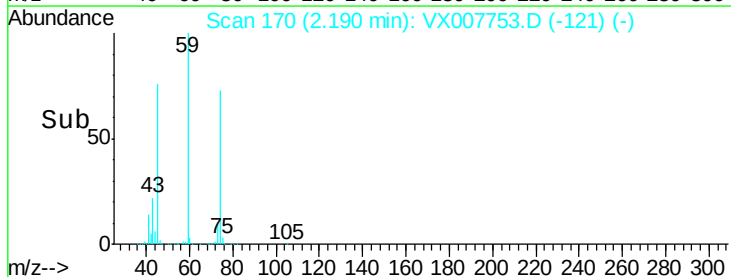
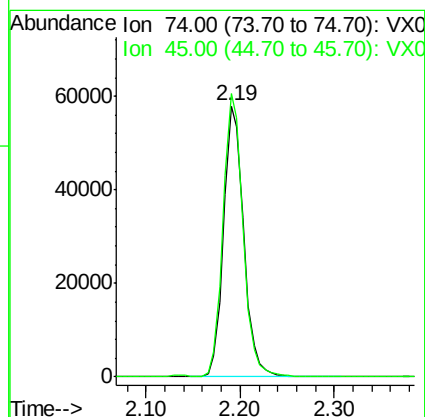
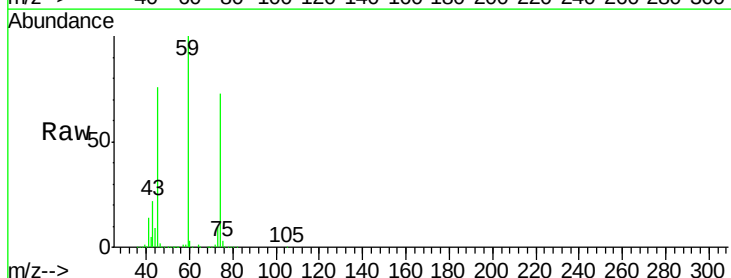
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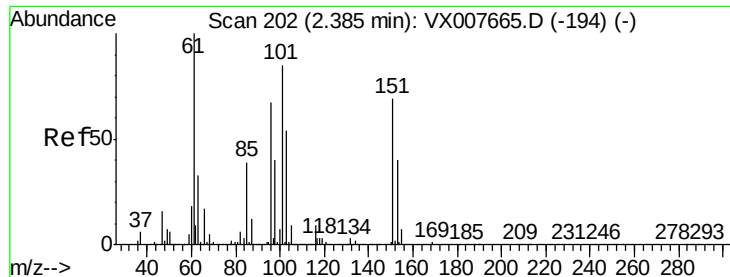


#8

Diethyl Ether
Concen: 45.307 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.3	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.335 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

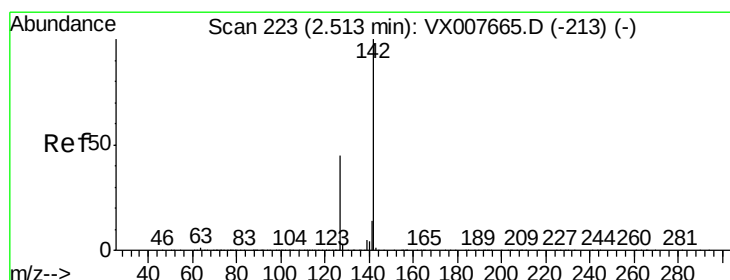
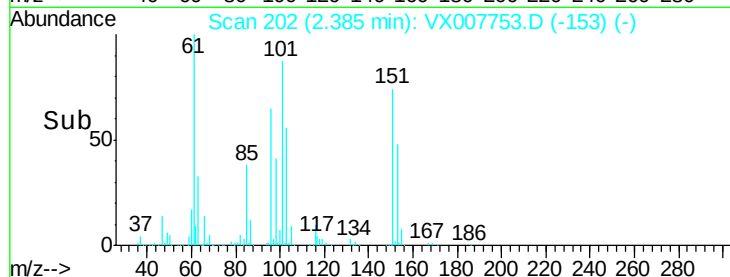
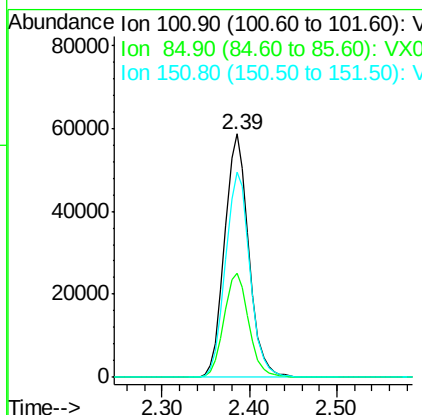
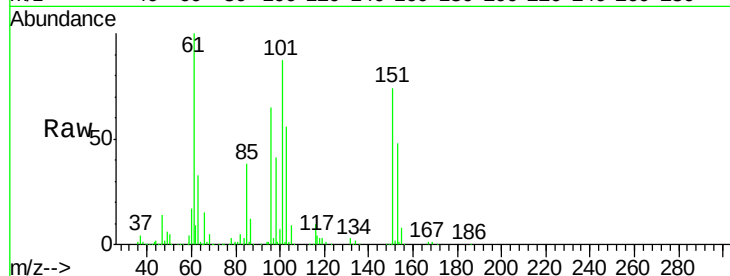
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	112115
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.1	51.1
151	85.9	69.9	104.9

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#10

Methyl Iodide

Concen: 50.193 ug/l

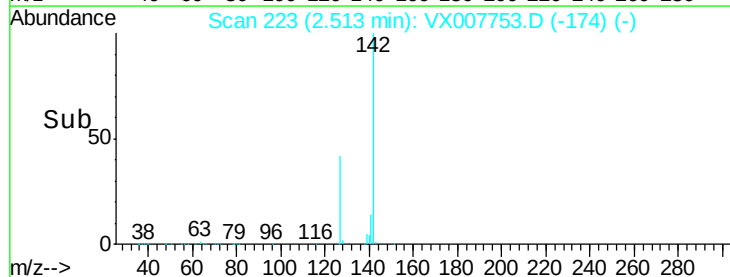
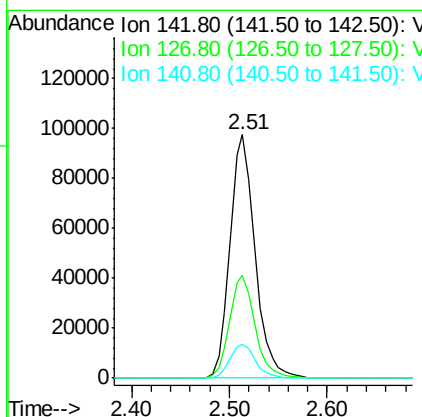
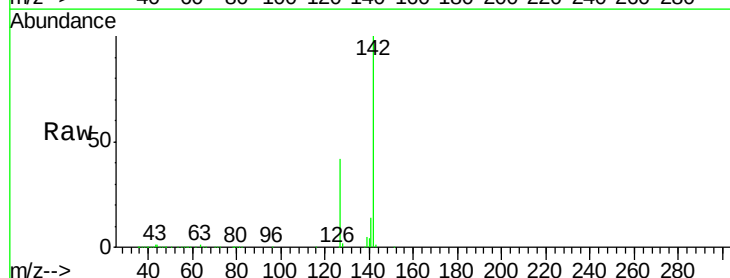
RT: 2.51 min Scan# 223

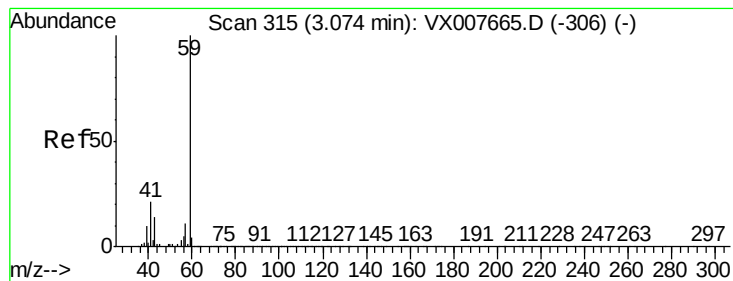
Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	142	Resp:	173725
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.7	50.5
141	14.3	11.3	16.9





#11

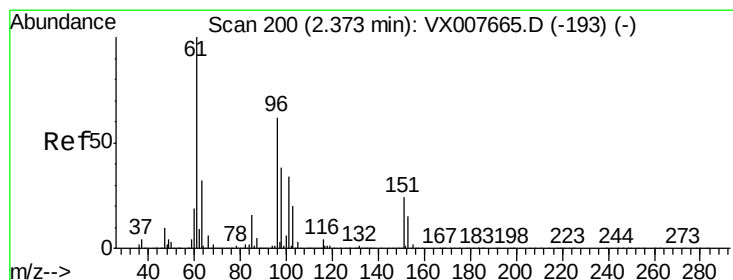
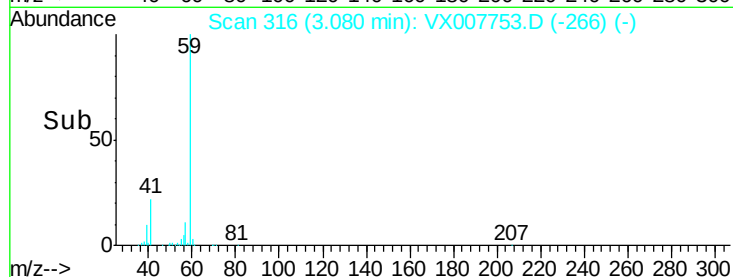
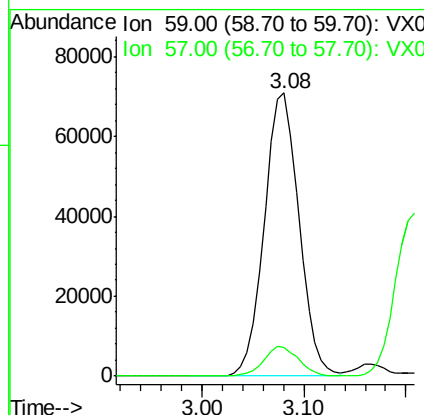
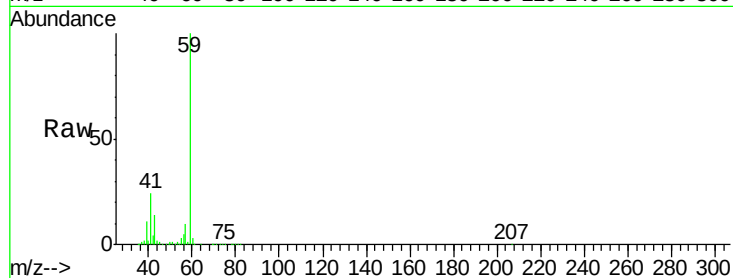
Tert butyl alcohol
Concen: 249.312 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

Manual Integrations
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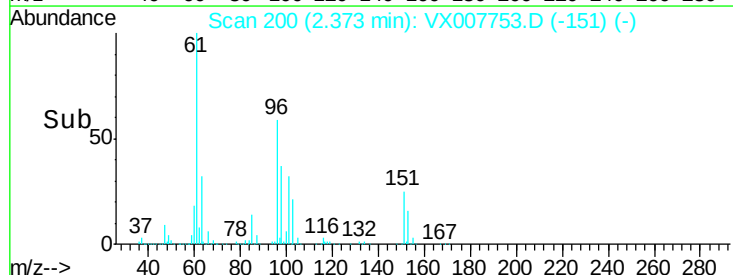
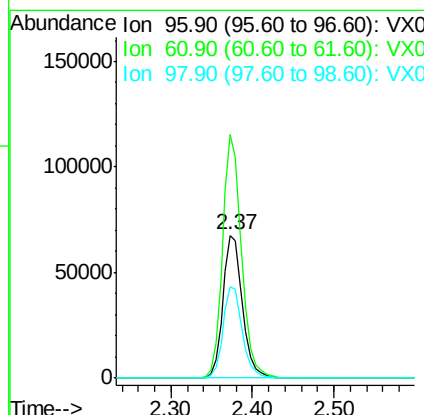
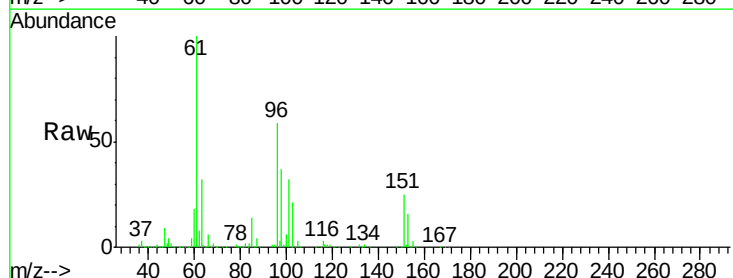
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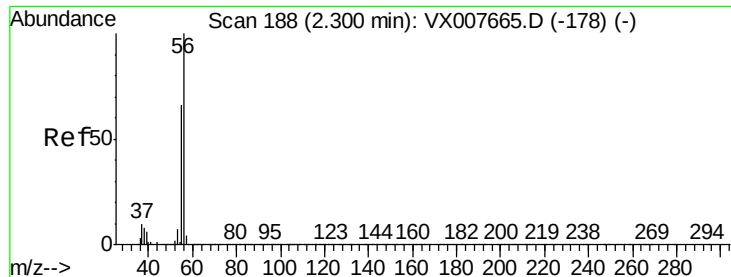


#12

1,1-Dichloroethene
Concen: 44.810 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.6	123.0	184.4
98	63.6	50.9	76.3





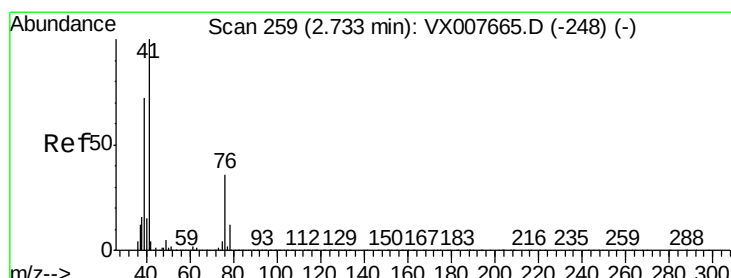
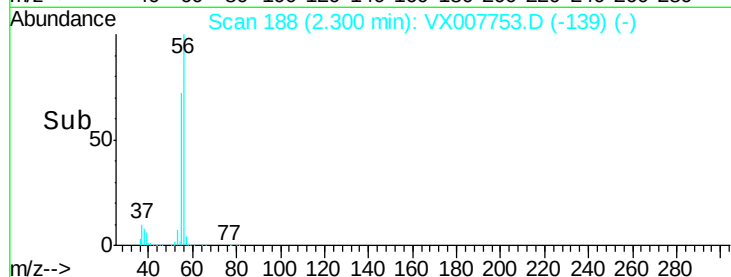
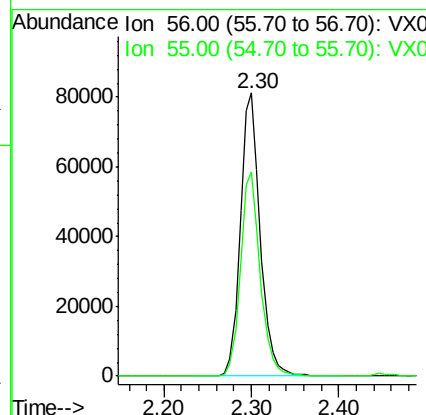
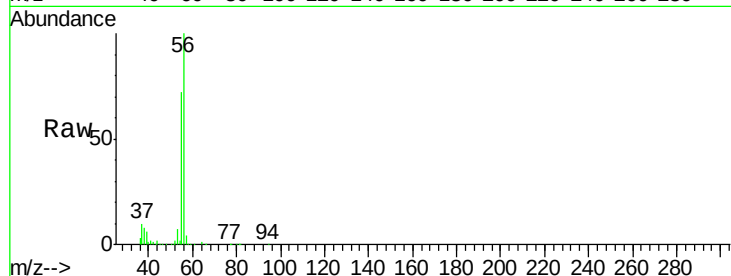
#13
Acrolein
Concen: 215.381 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.6	56.9	85.3

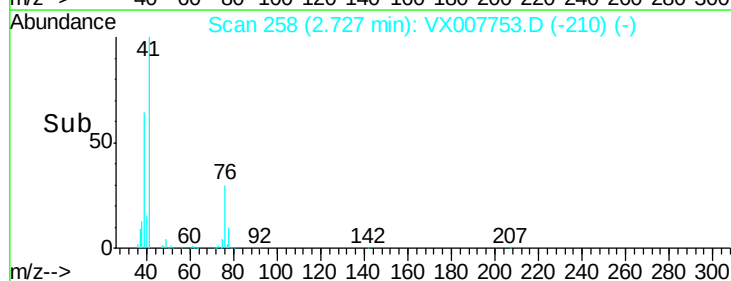
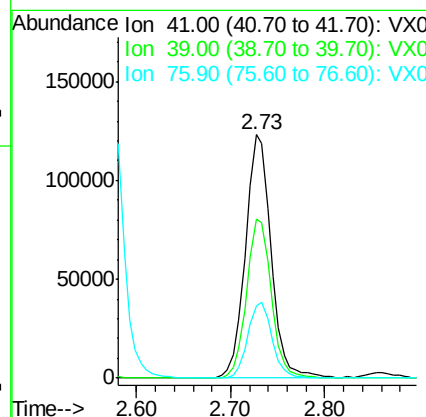
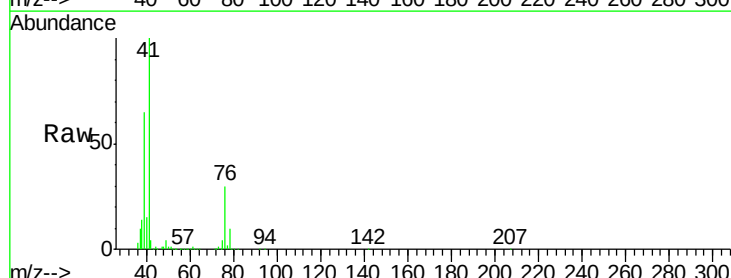
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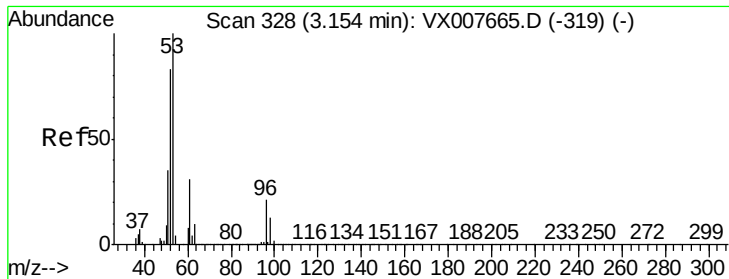
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#14
Allyl chloride
Concen: 50.462 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.9	54.1	81.1
76	29.5	27.8	41.8





#15

Acrylonitrile

Concen: 254.813 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

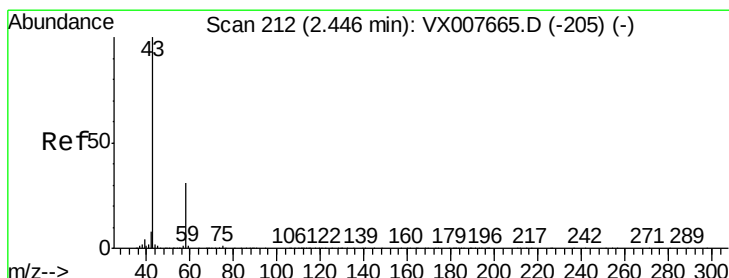
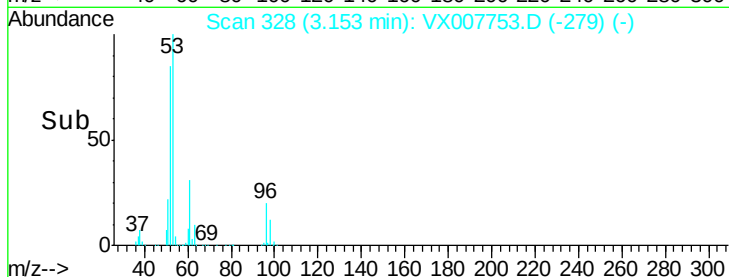
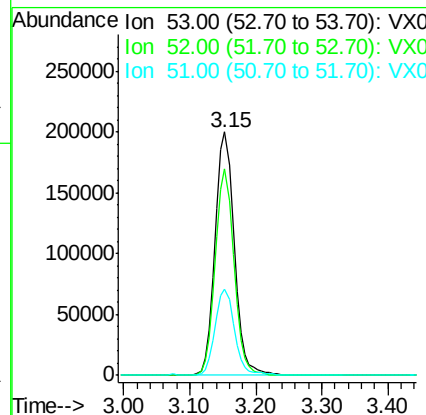
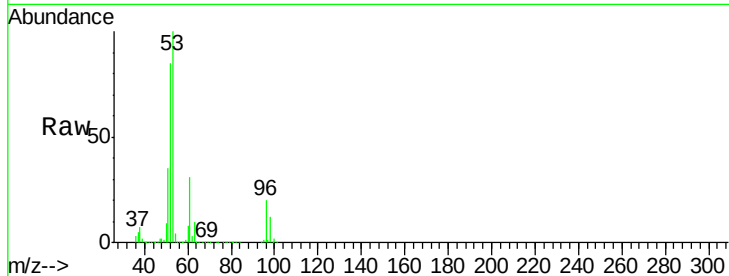
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	403683
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 225.914 ug/l

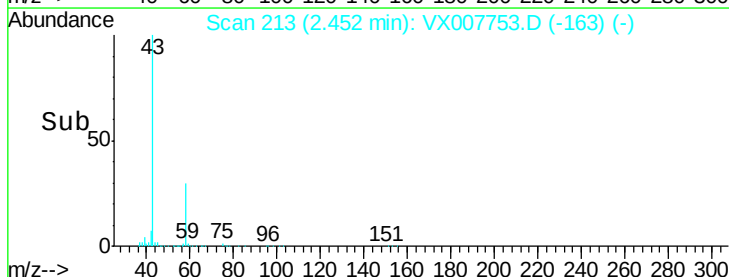
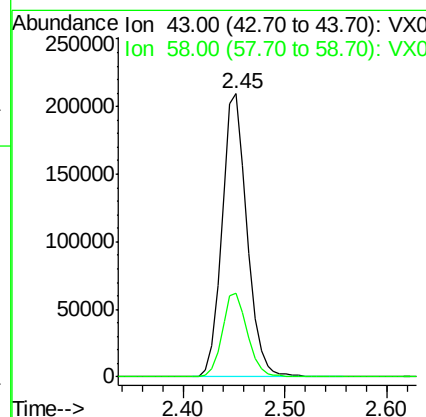
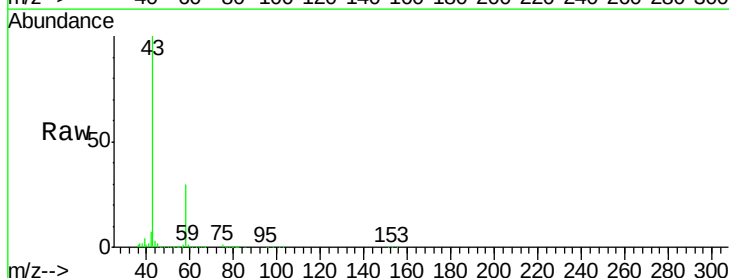
RT: 2.45 min Scan# 213

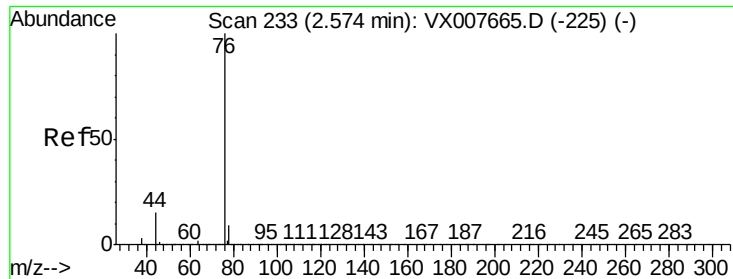
Delta R.T. 0.01 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	43	Resp:	356455
Ion Ratio		Lower	Upper
43	100		
58	29.7	24.9	37.3





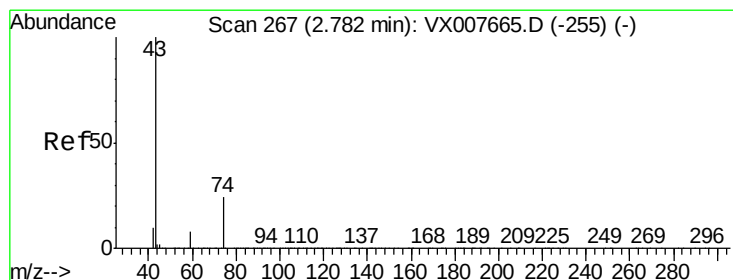
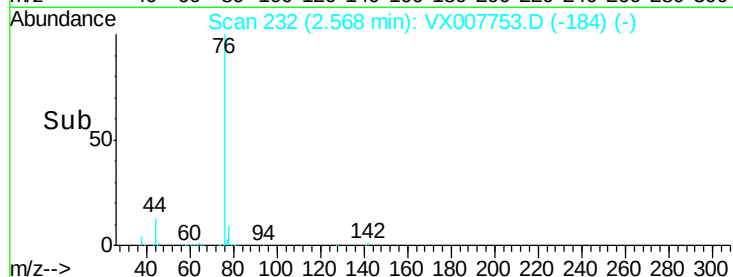
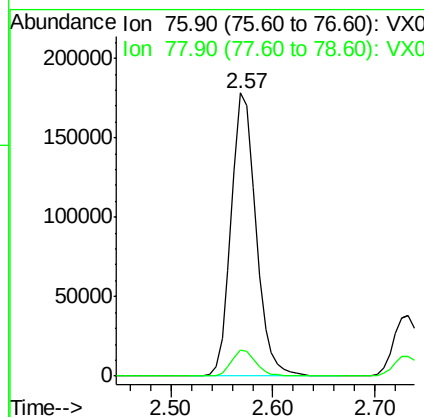
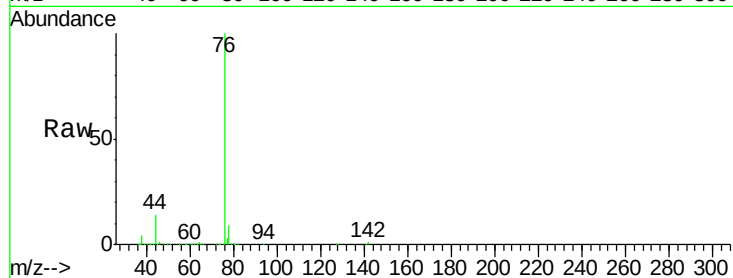
#17
Carbon Disulfide
Concen: 43.052 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

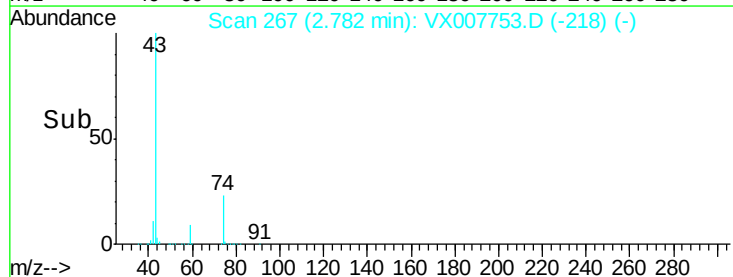
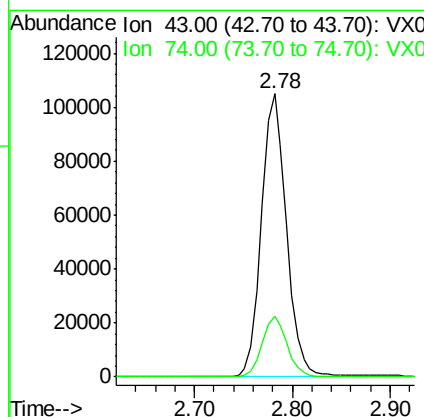
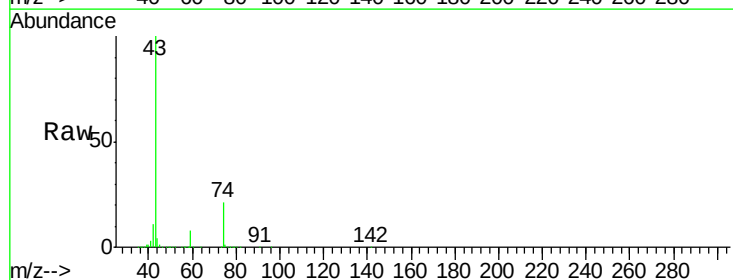
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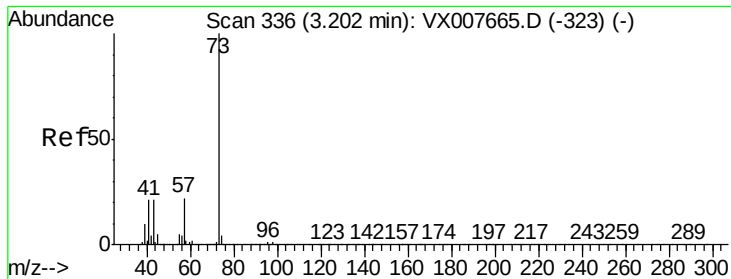
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#18
Methyl Acetate
Concen: 54.292 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	19.4	29.2





#19

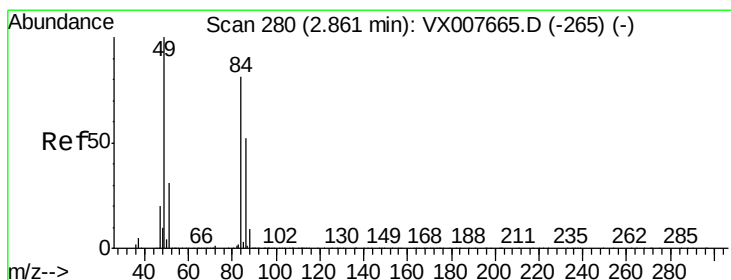
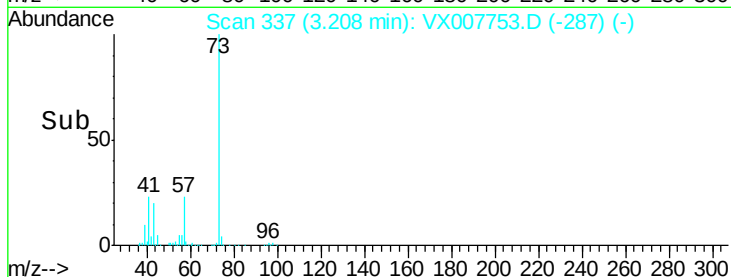
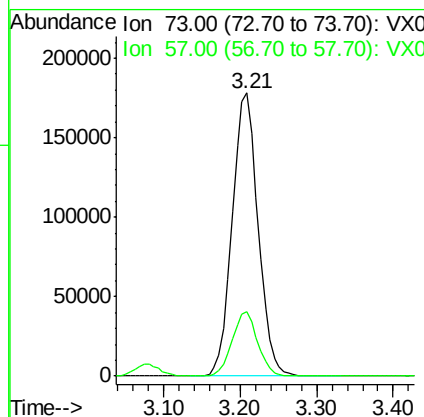
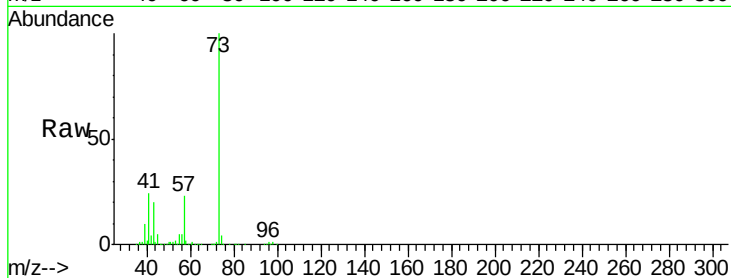
Methyl tert-butyl Ether
 Concen: 47.743 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.8	26.8

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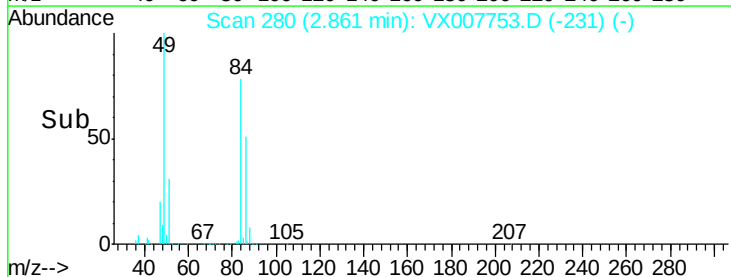
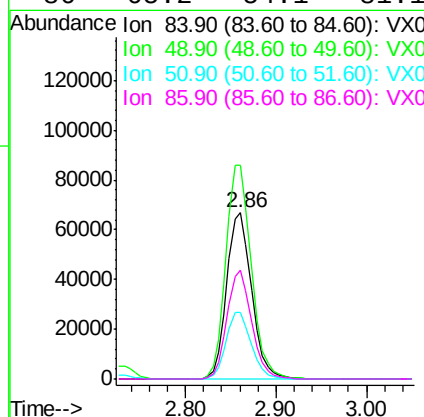
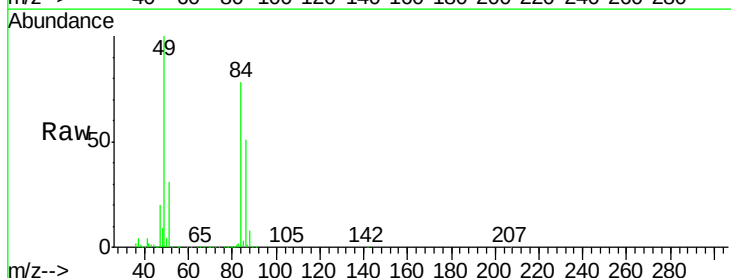
MMDadoda
 2/28/2019 12:23:09 PM

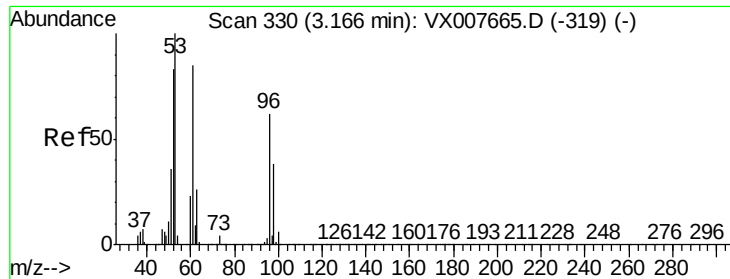


#20

Methylene Chloride
 Concen: 43.963 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.4	94.8	142.2
51	40.1	29.8	44.8
86	65.2	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 44.108 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

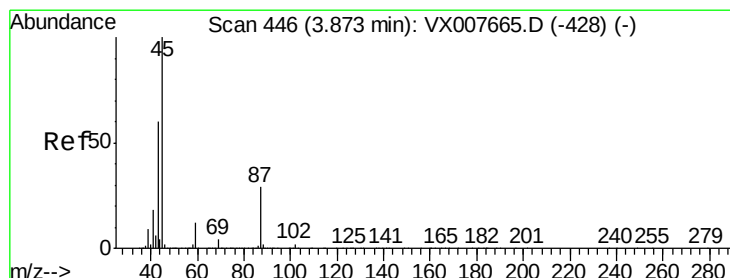
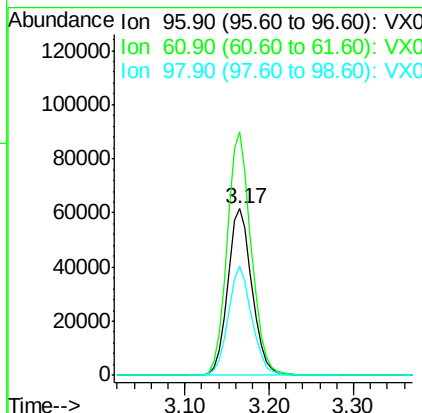
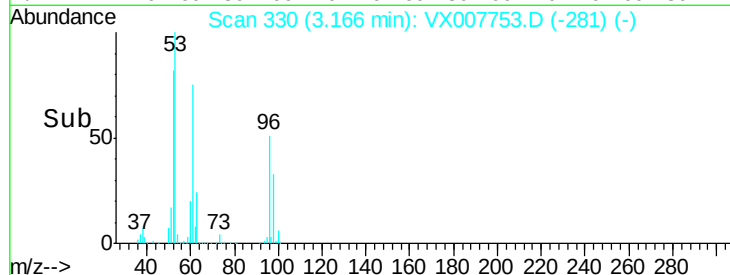
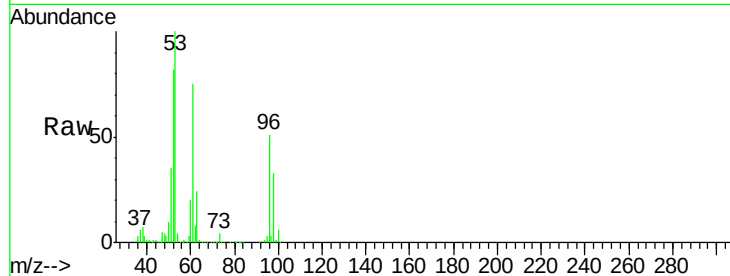
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	120144
Ion Ratio	Lower	Upper	
96	100		
61	146.1	104.6	156.8
98	65.2	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.699 ug/l

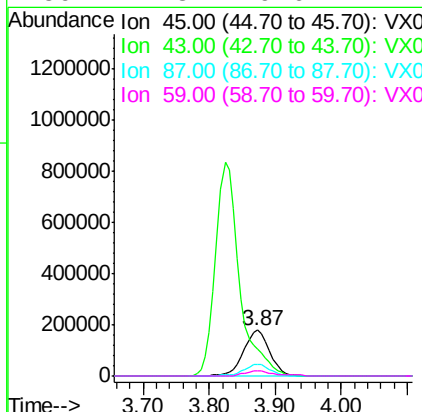
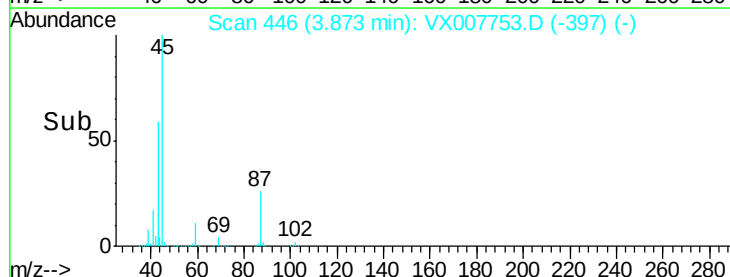
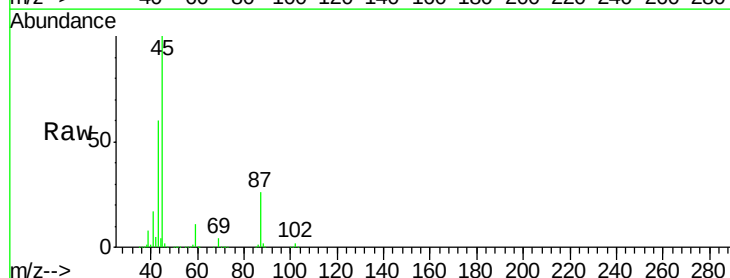
RT: 3.87 min Scan# 446

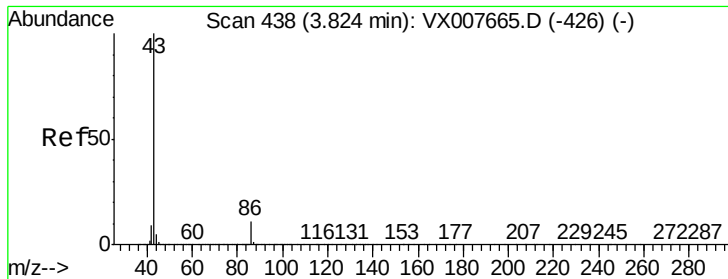
Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	45	Resp:	488953
Ion Ratio	Lower	Upper	
45	100		
43	59.2	48.9	73.3
87	25.6	23.9	35.9
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 250.888 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2122859

Ion Ratio Lower Upper

43 100

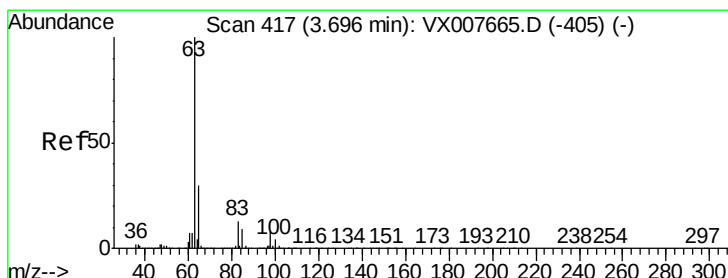
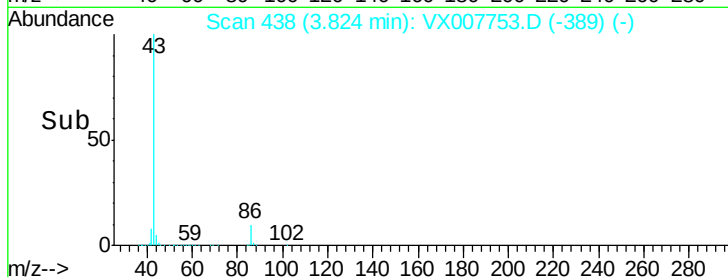
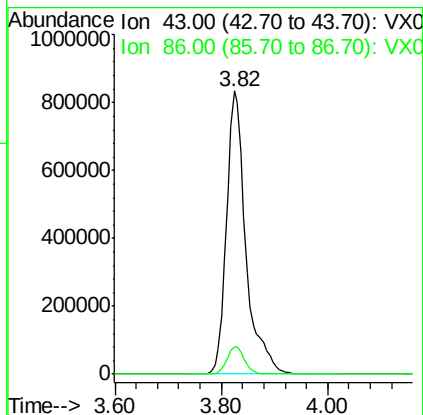
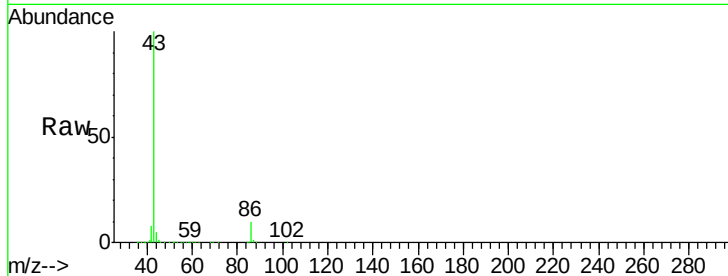
86 9.7 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.182 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

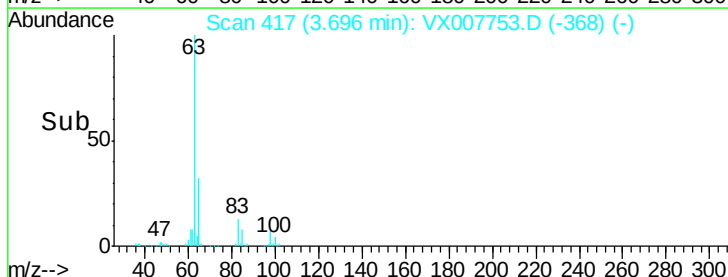
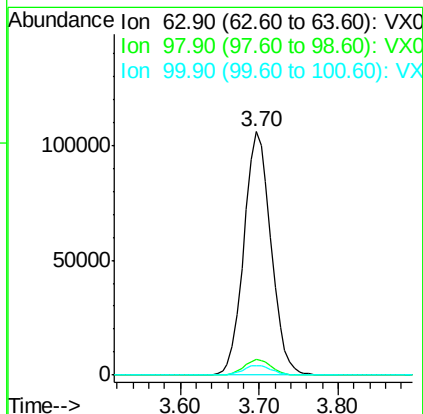
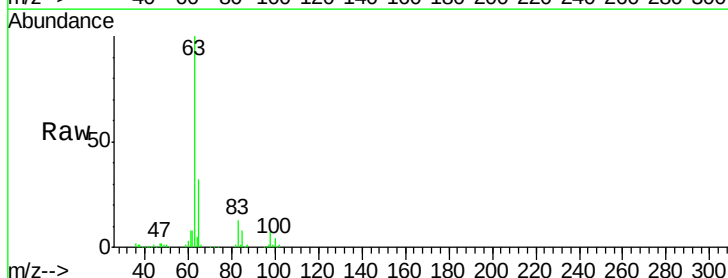
Tgt Ion: 63 Resp: 252540

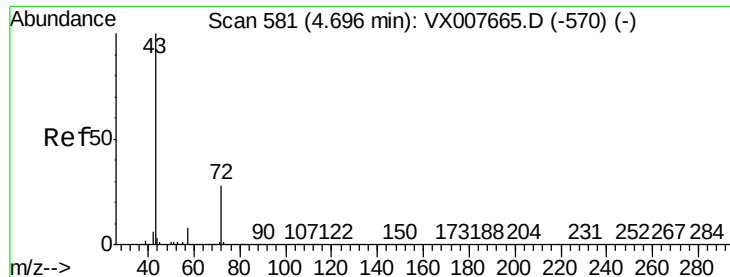
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.0 2.5 7.4





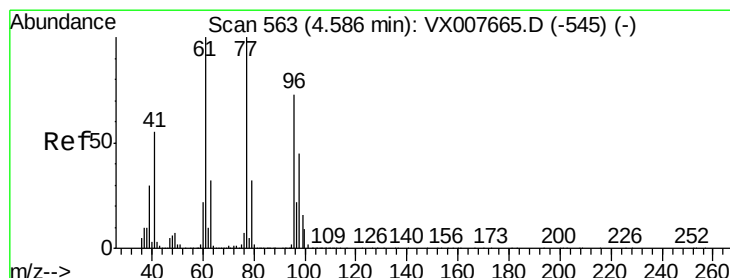
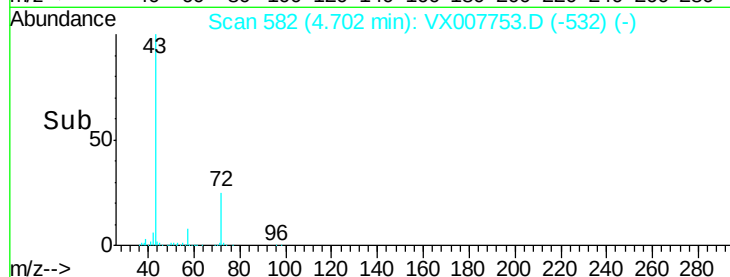
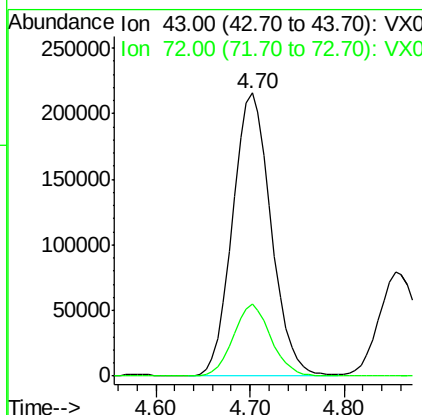
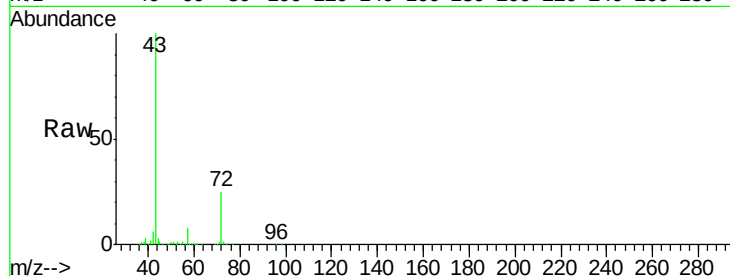
#25
2-Butanone
Concen: 255.448 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.4	22.2	33.2

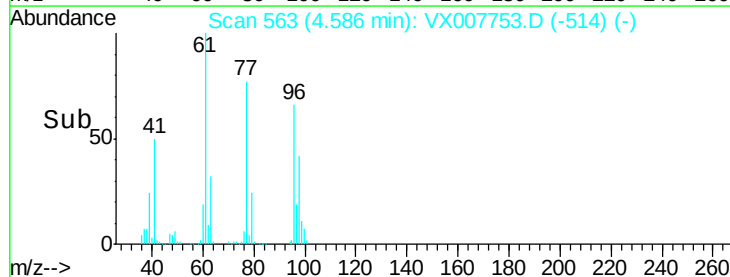
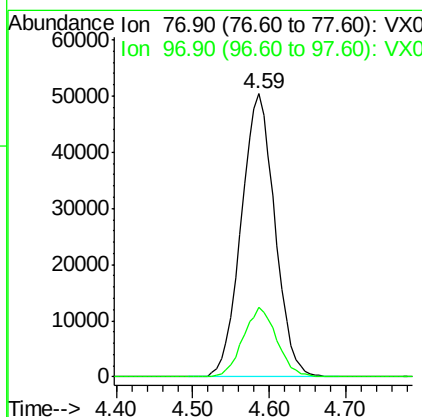
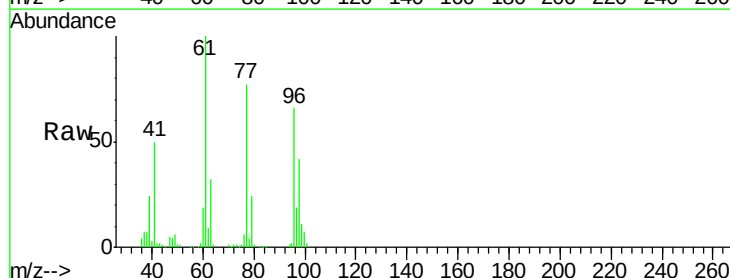
Manual Integrations
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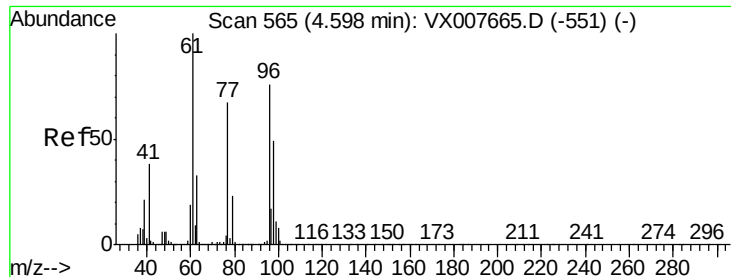
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#26
2,2-Dichloropropane
Concen: 36.793 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.7	12.1	36.3





#27

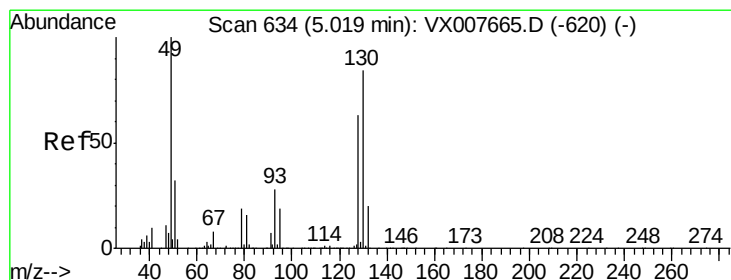
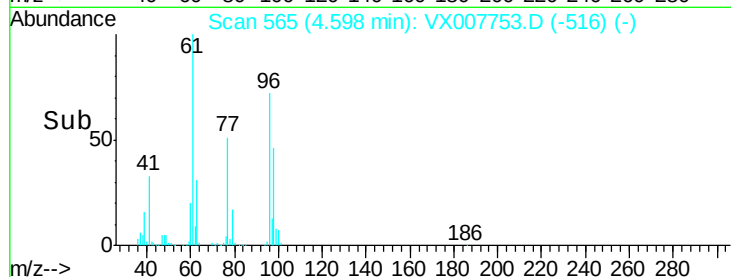
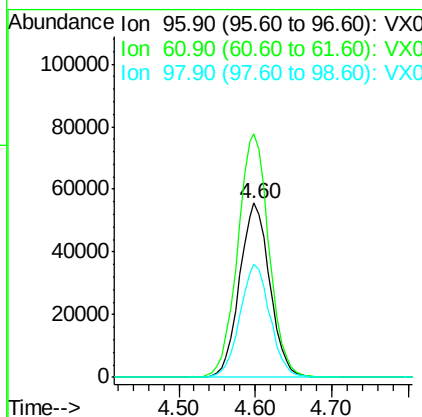
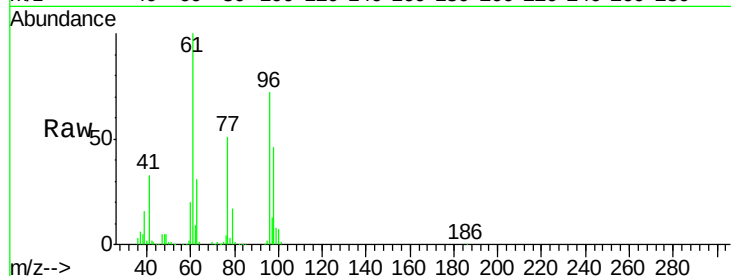
cis-1,2-Dichloroethene
Concen: 44.058 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	152700		
61	144.4	0.0	265.6	
98	64.6	0.0	131.6	

Manual Integrations
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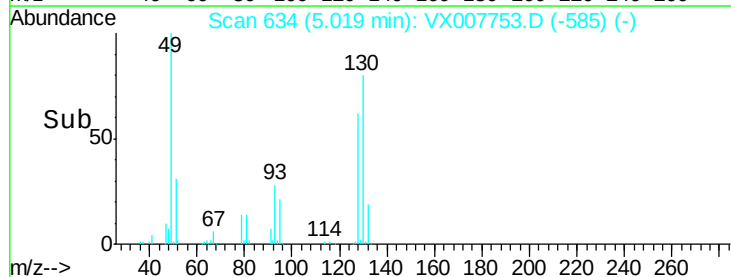
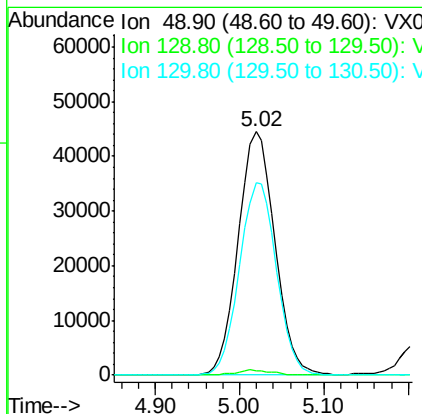
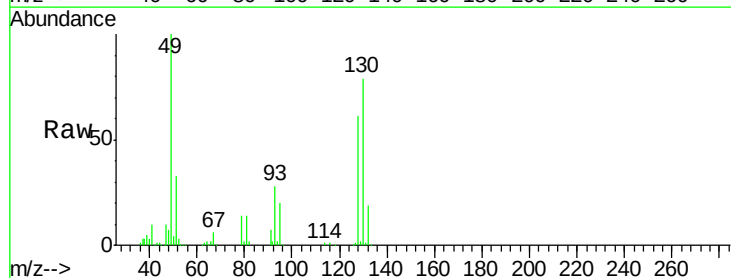
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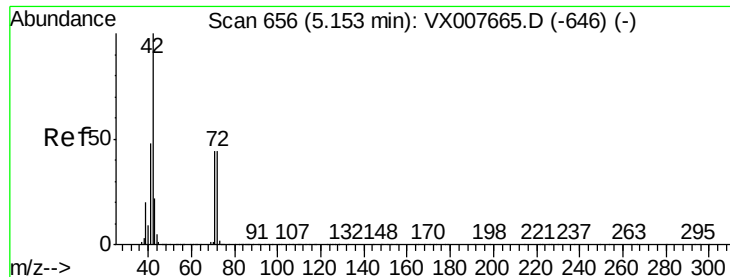


#28

Bromochloromethane
Concen: 51.609 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	131689		
129	2.0	0.0	5.6	
130	79.8	75.6	113.4	





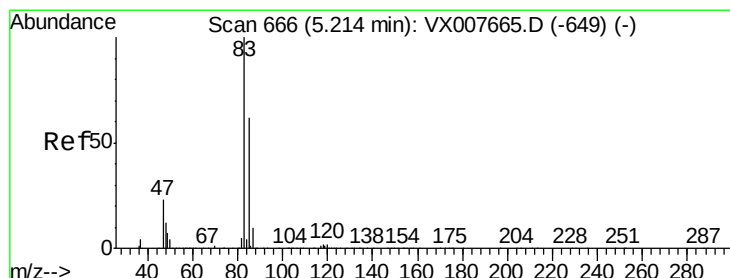
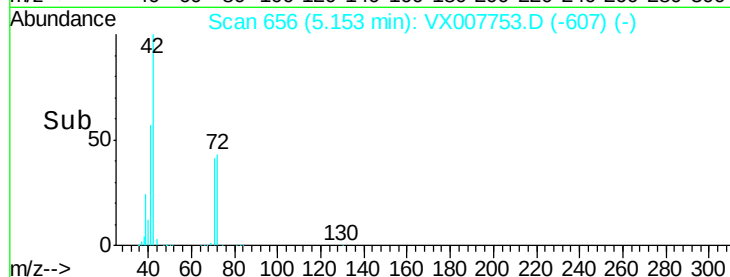
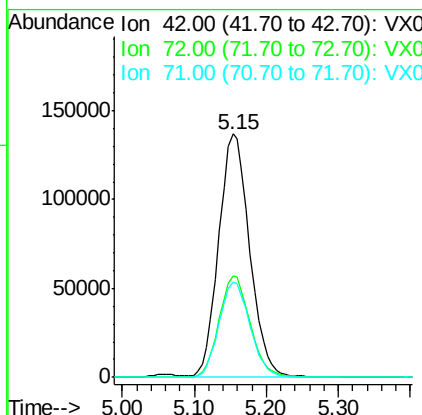
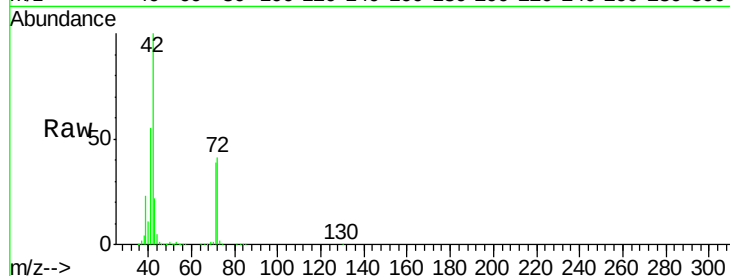
#29
Tetrahydrofuran
Concen: 257.323 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	37.6	56.4
71	39.5	34.6	51.8

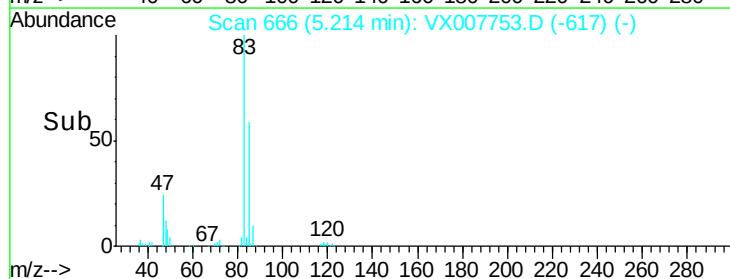
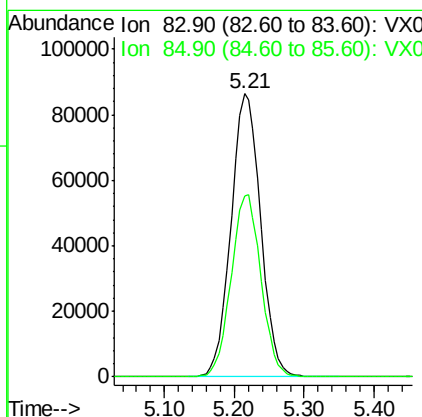
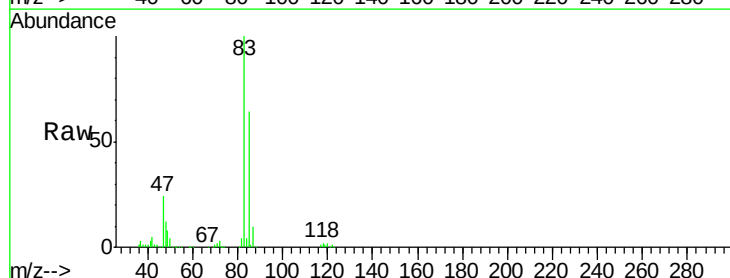
Manual Integrations
APPROVED

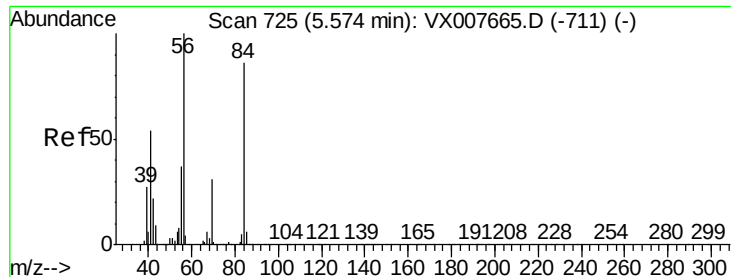
MMDadoda
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#30
Chloroform
Concen: 45.317 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4





#31

Cyclohexane

Concen: 45.291 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

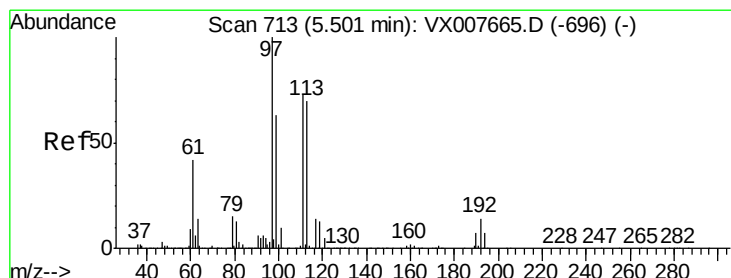
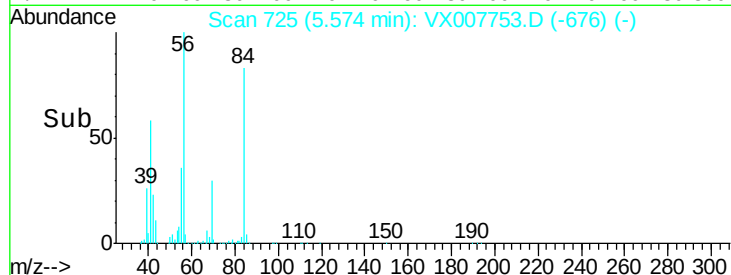
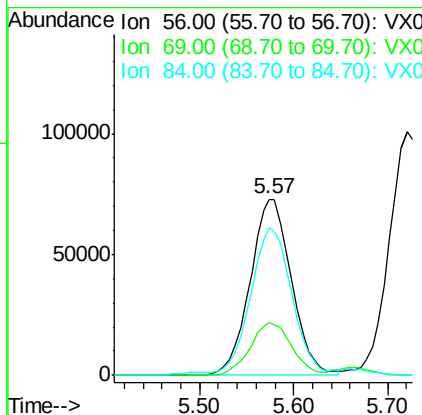
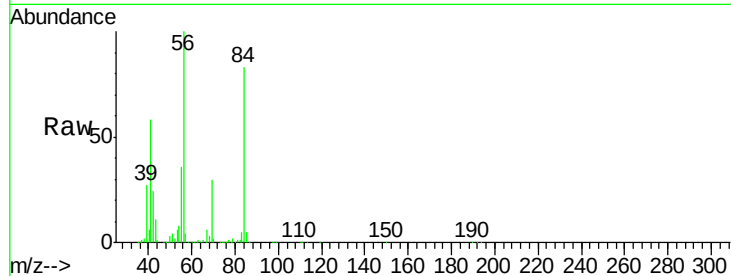
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	223297
Ion Ratio		Lower	Upper
56	100		
69	30.2	23.0	34.6
84	81.9	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 45.680 ug/l

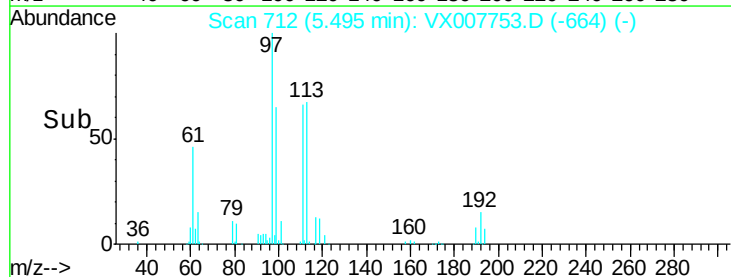
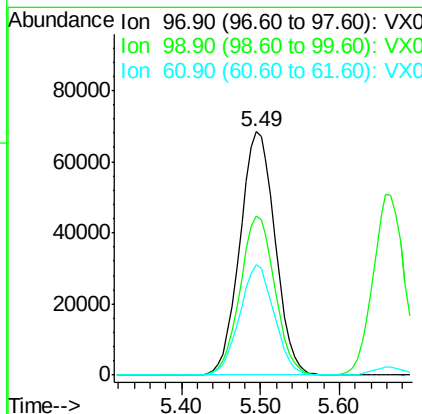
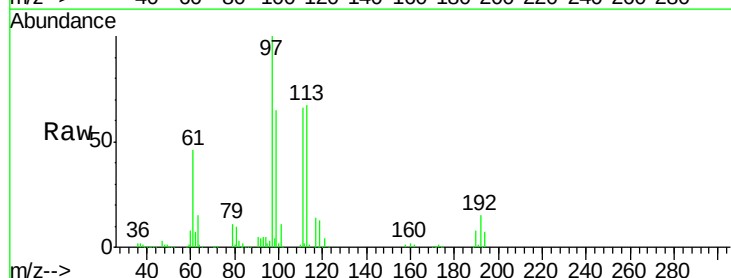
RT: 5.49 min Scan# 712

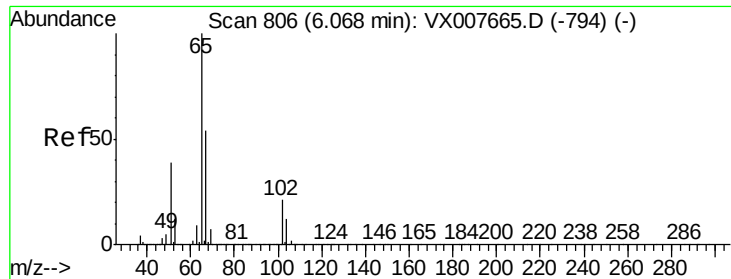
Delta R.T. -0.01 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	97	Resp:	212103
Ion Ratio		Lower	Upper
97	100		
99	64.6	52.2	78.2
61	44.6	32.7	49.1





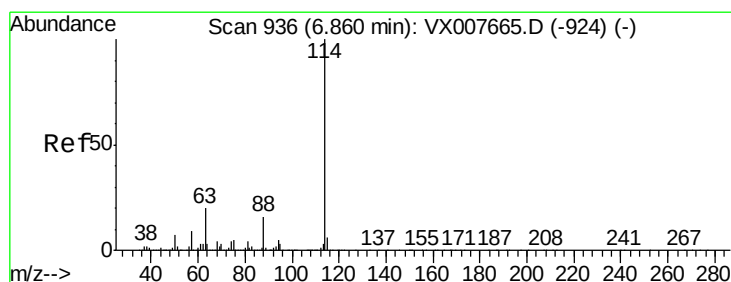
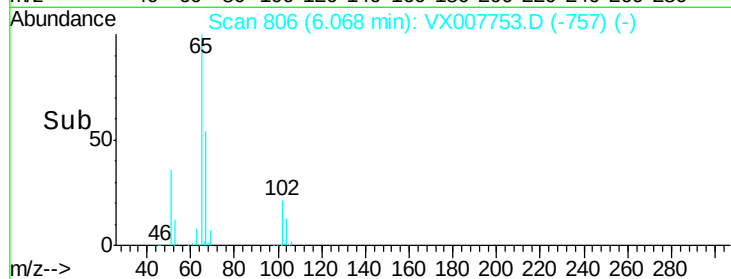
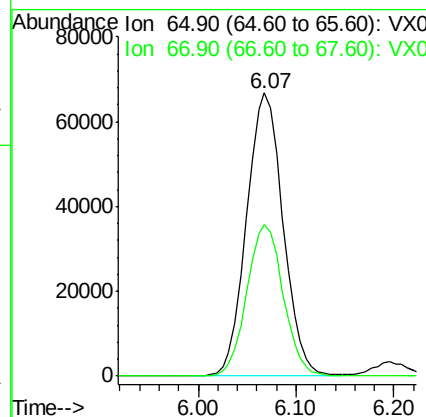
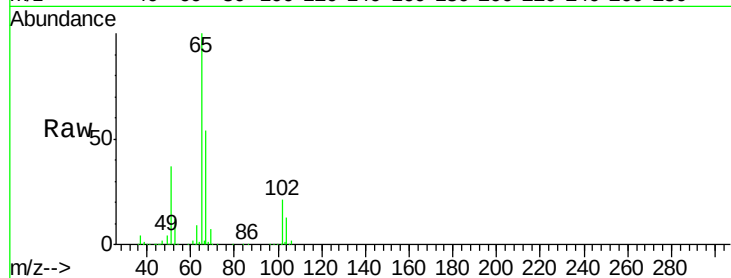
#33
 1,2-Dichloroethane-d4
 Concen: 48.795 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	173127		
67	53.4	0.0	108.8	

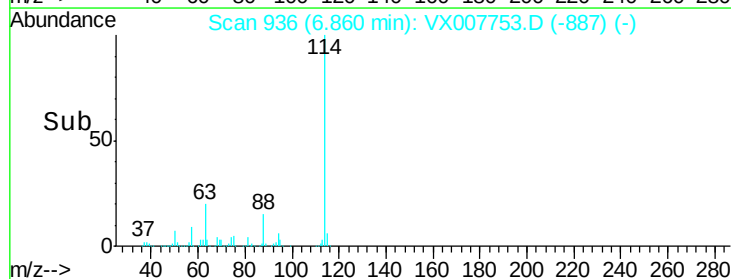
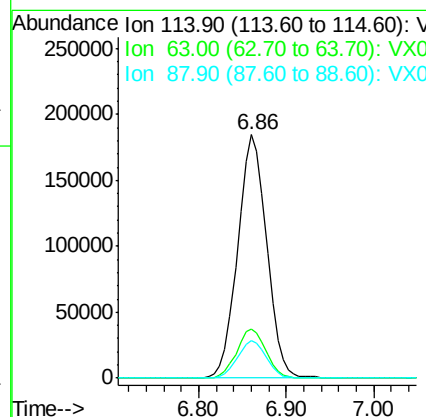
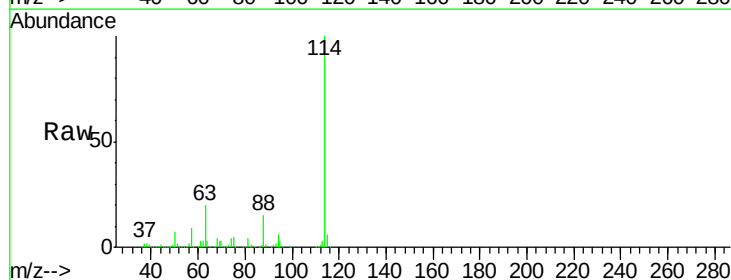
Manual Integrations
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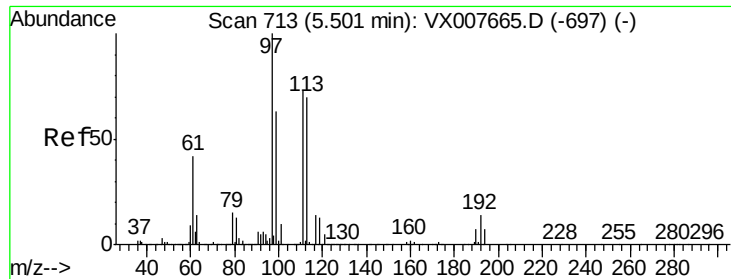
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	425380		
63	20.3	0.0	35.6	
88	15.3	0.0	29.6	





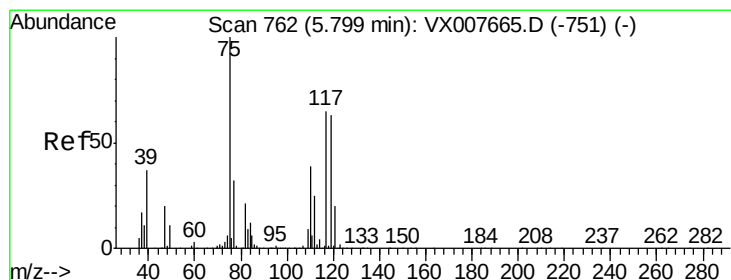
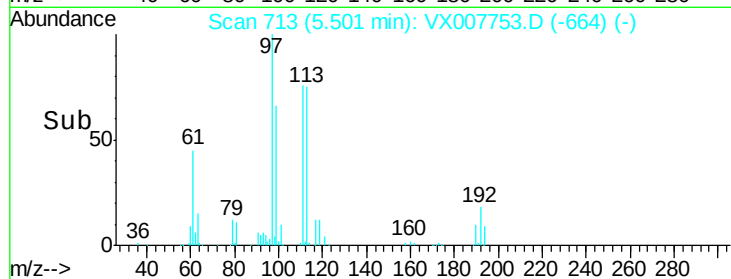
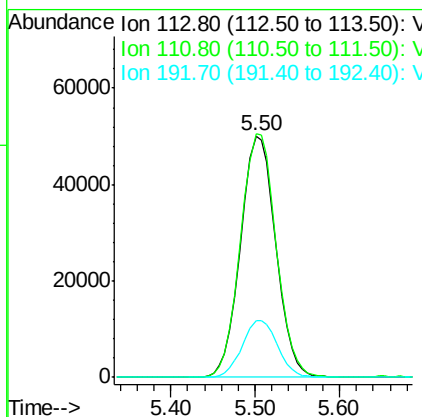
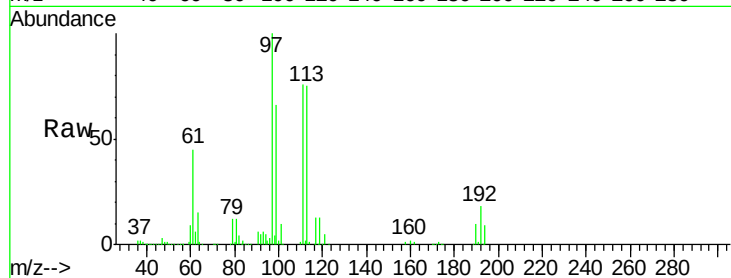
#35
 Dibromofluoromethane
 Concen: 49.963 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	23.7	18.5	27.7

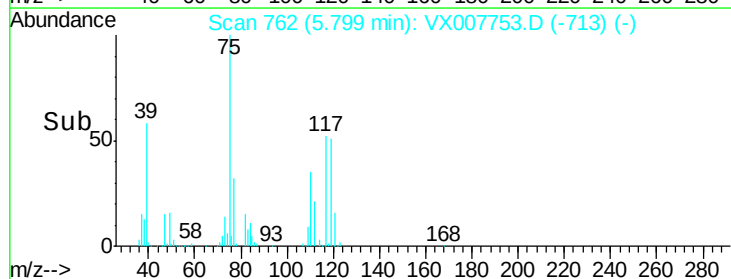
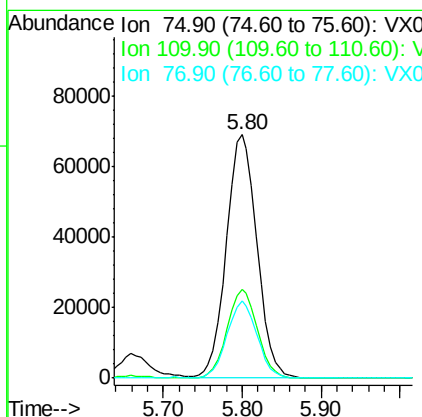
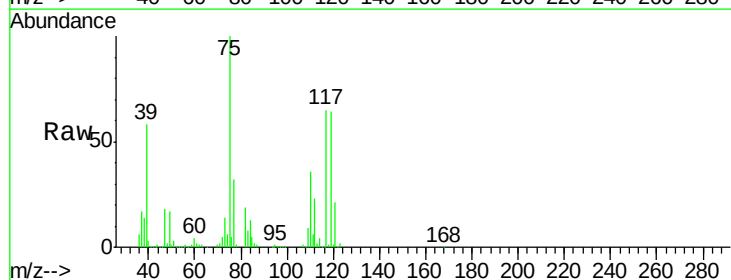
Manual Integrations
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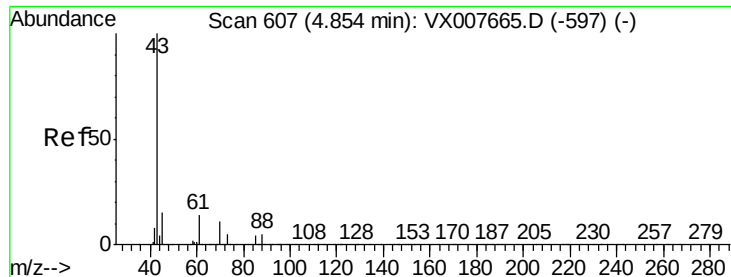
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#36
 1,1-Dichloropropene
 Concen: 48.457 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	20.0	59.9
77	31.2	24.7	37.1





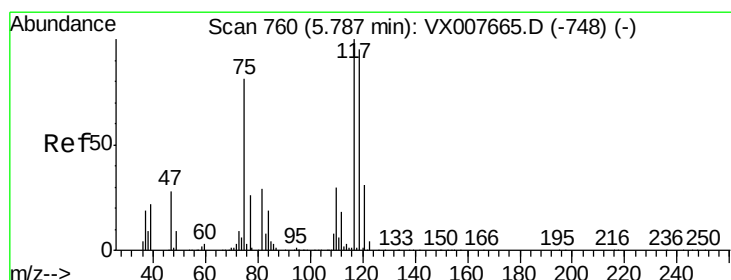
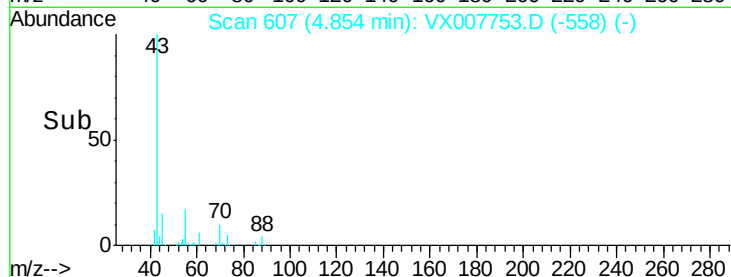
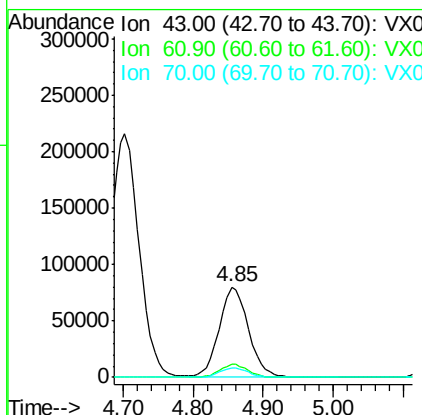
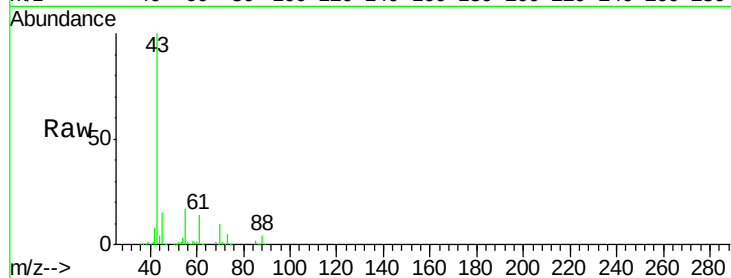
#37
Ethyl Acetate
Concen: 54.582 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	231874
Ion Ratio	Lower	Upper	
43	100		
61	14.0	11.3	16.9
70	10.5	8.6	13.0

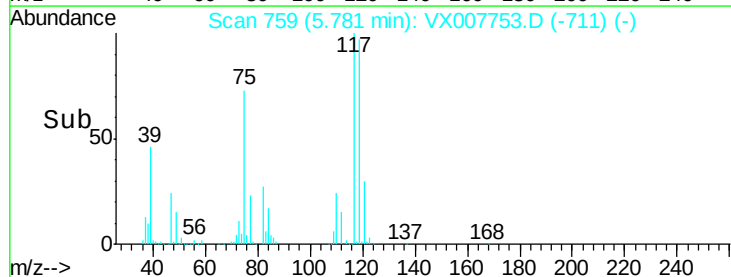
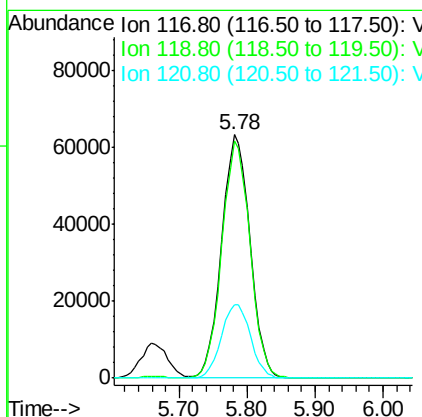
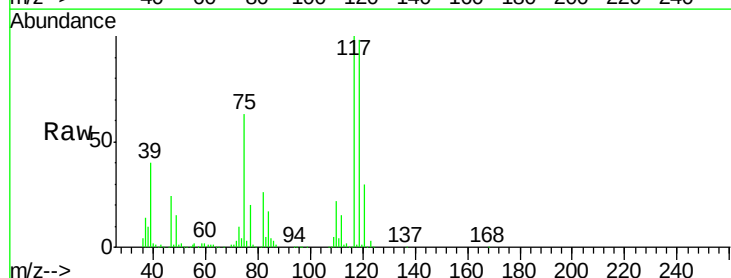
Manual Integrations
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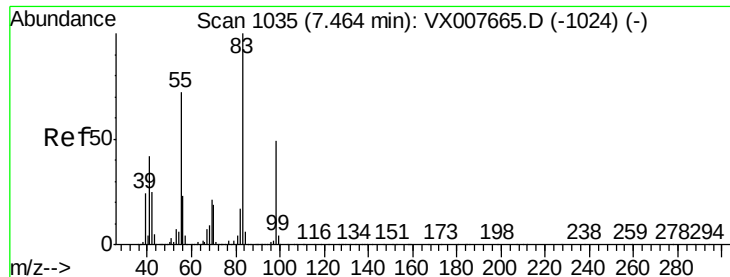
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#38
Carbon Tetrachloride
Concen: 47.842 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	117	Resp	183788
Ion Ratio	Lower	Upper	
117	100		
119	97.5	75.3	112.9
121	30.3	25.0	37.4





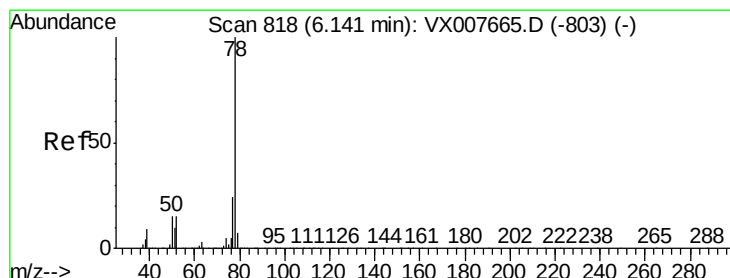
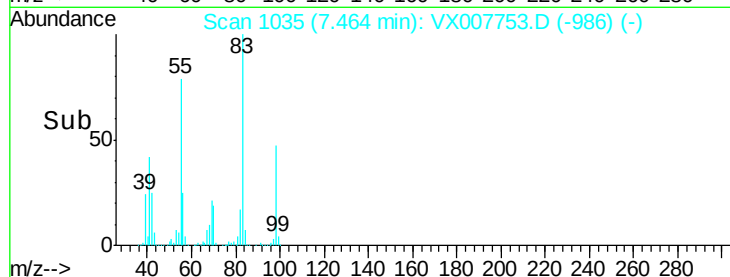
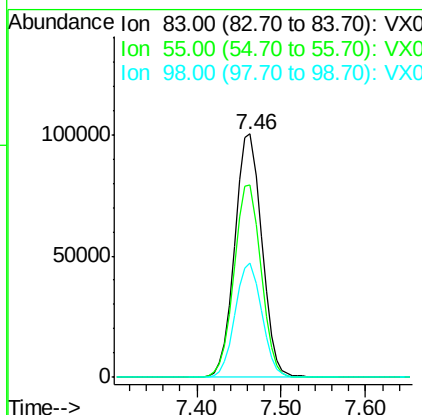
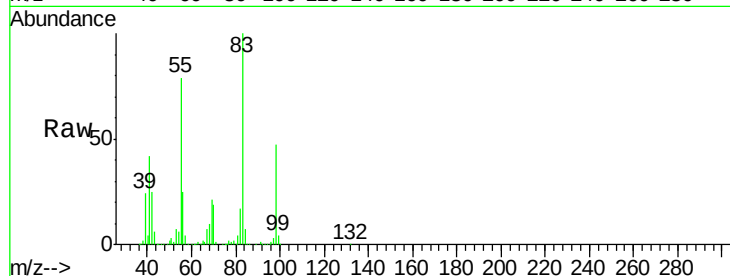
#39
Methylvlcyclohexane
Concen: 45.005 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	56.2	84.2
98	46.7	36.8	55.2

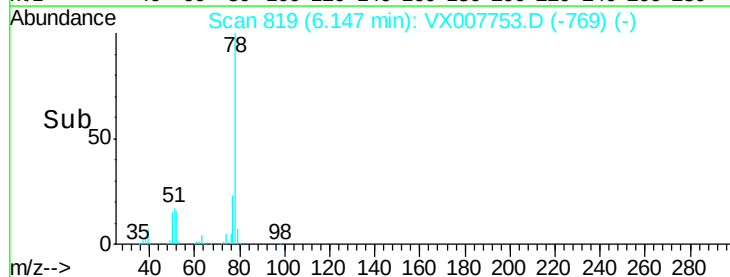
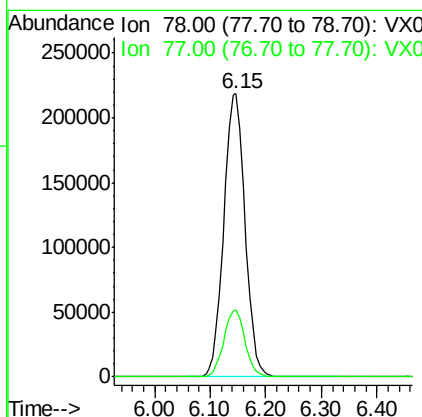
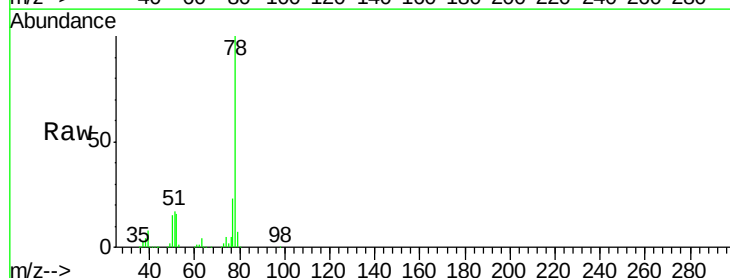
Manual Integrations
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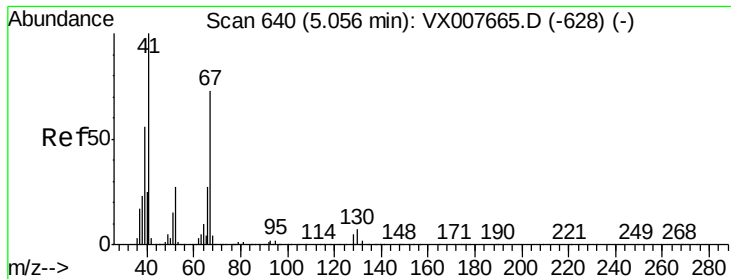
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#40
Benzene
Concen: 48.857 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





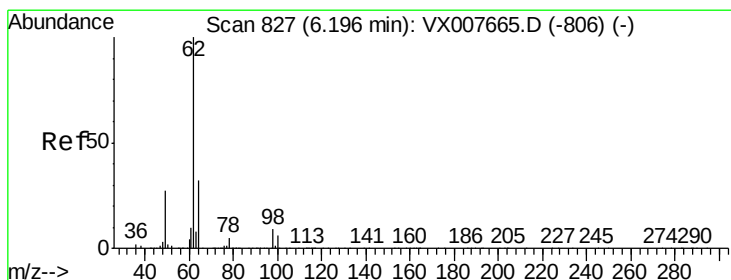
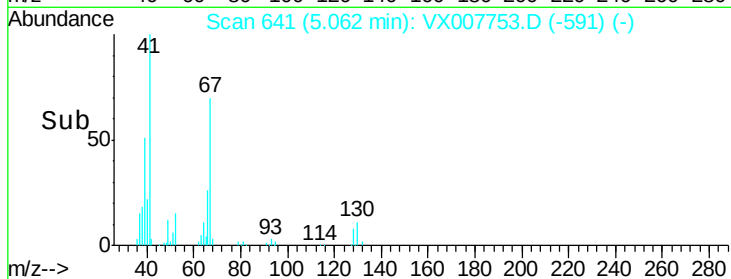
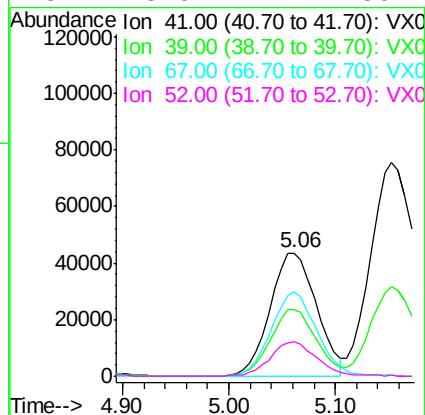
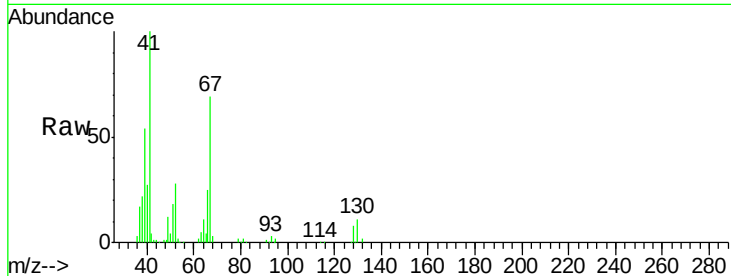
#41
Methacrylonitrile
Concen: 57.706 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.5	66.7
67	68.1	60.4	90.6
52	28.0	24.1	36.1

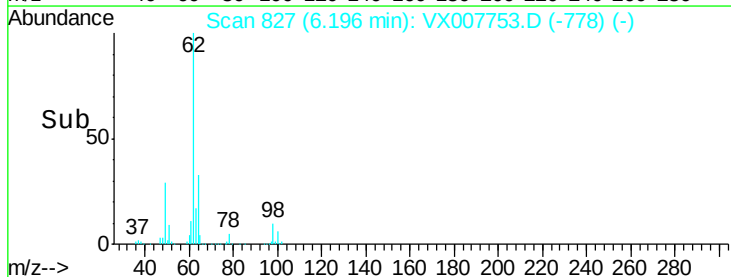
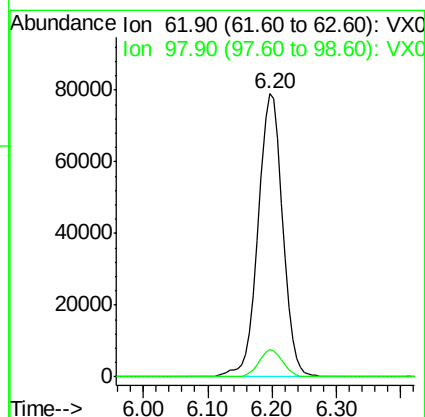
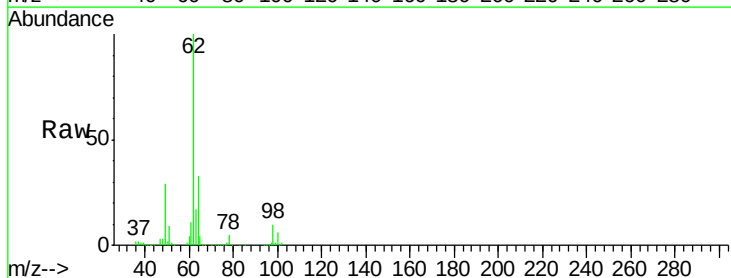
Manual Integrations
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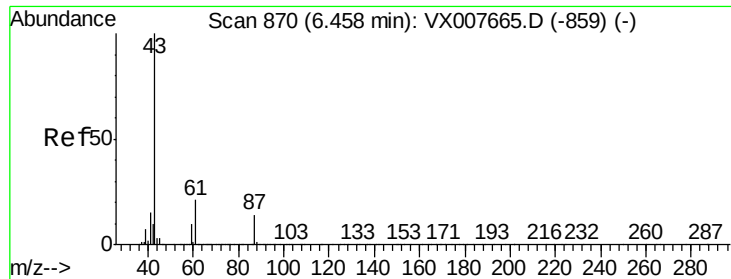
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#42
1,2-Dichloroethane
Concen: 51.999 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0





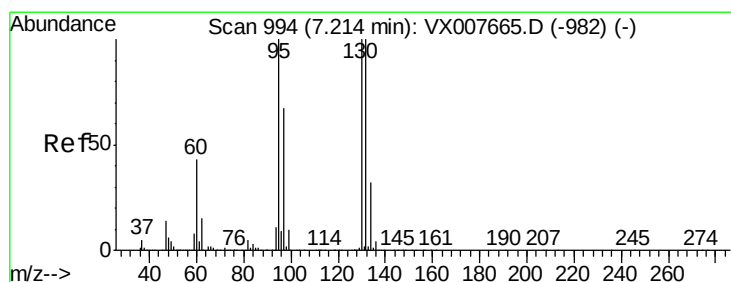
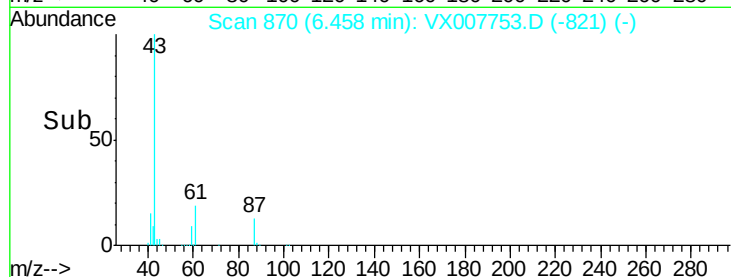
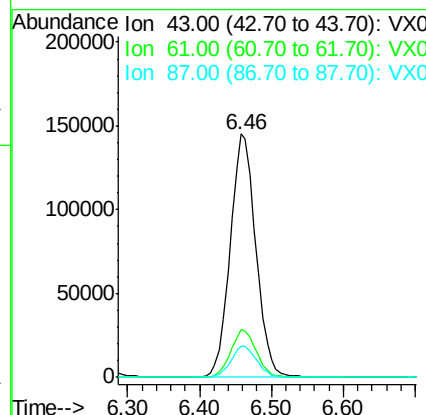
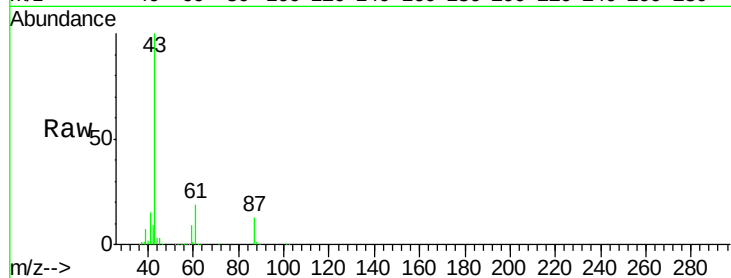
#43
Isopropyl Acetate
Concen: 54.724 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	357797
Ion Ratio	Lower	Upper	
43	100		
61	19.7	16.1	24.1
87	12.8	11.5	17.3

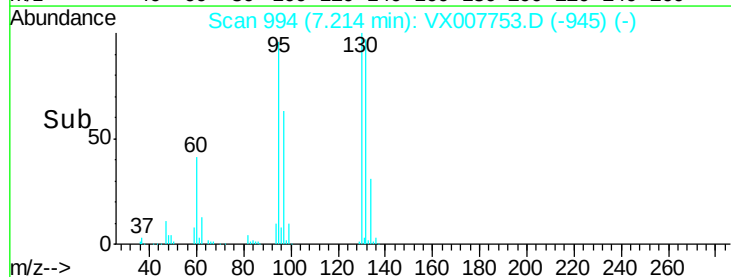
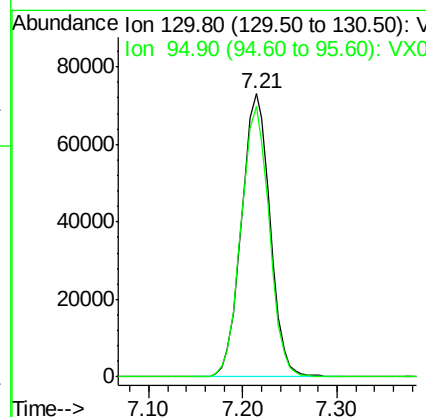
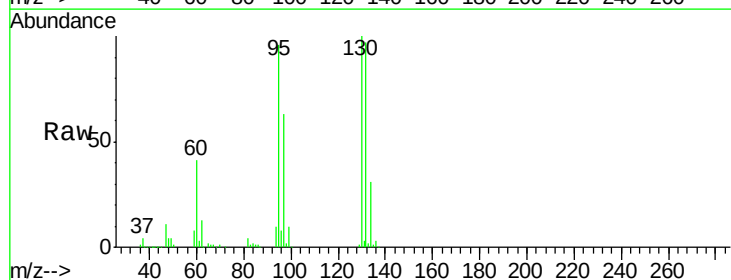
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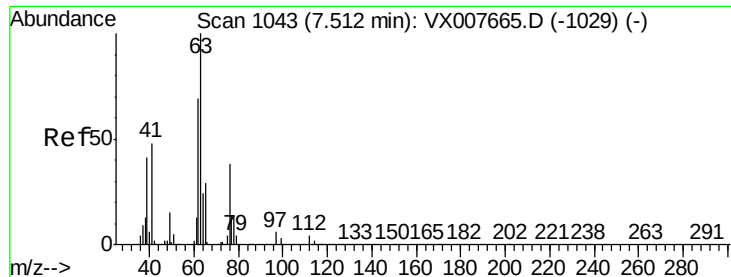
MMDadoda
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#44
Trichloroethene
Concen: 47.656 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	130	Resp	154765
Ion Ratio	Lower	Upper	
130	100		
95	95.7	0.0	180.0





#45

1,2-Dichloropropane

Concen: 50.519 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 154492

Ion Ratio Lower Upper

63 100

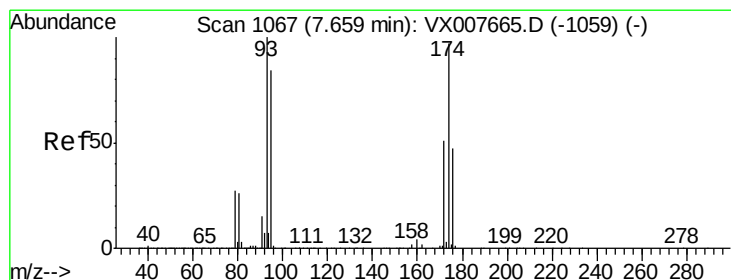
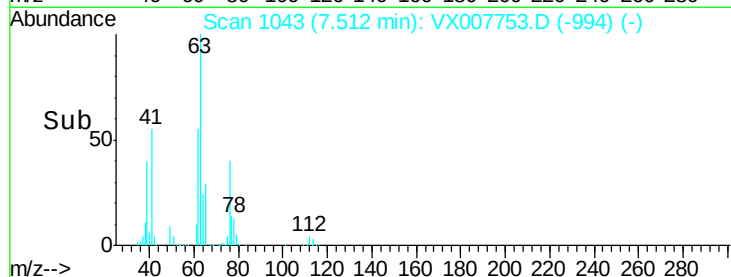
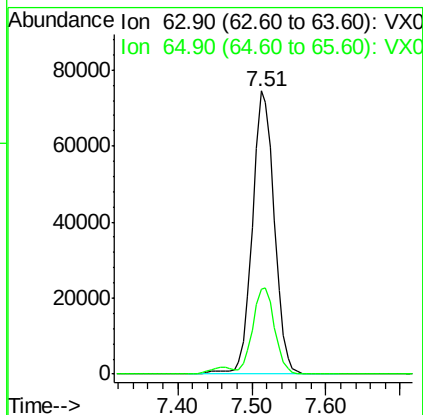
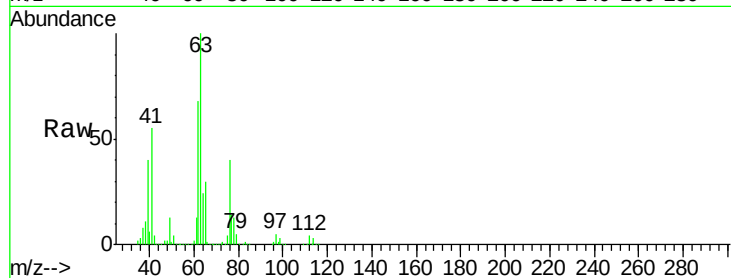
65 30.1 24.2 36.2

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#46

Dibromomethane

Concen: 46.579 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

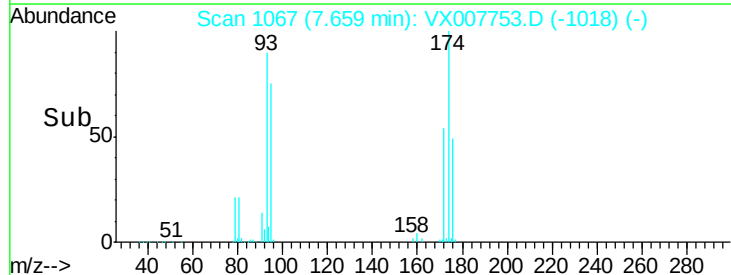
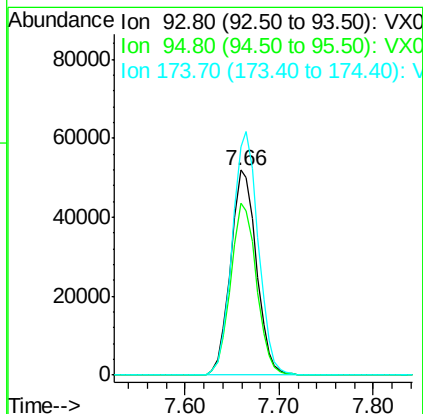
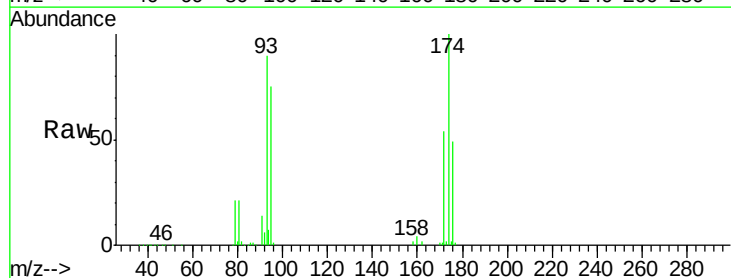
Tgt Ion: 93 Resp: 99373

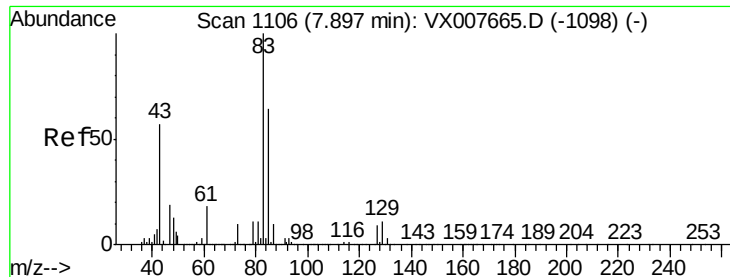
Ion Ratio Lower Upper

93 100

95 83.8 67.6 101.4

174 119.1 94.2 141.4





#47

Bromodichloromethane

Concen: 50.344 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

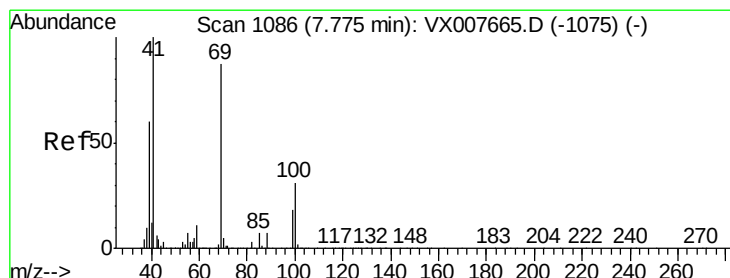
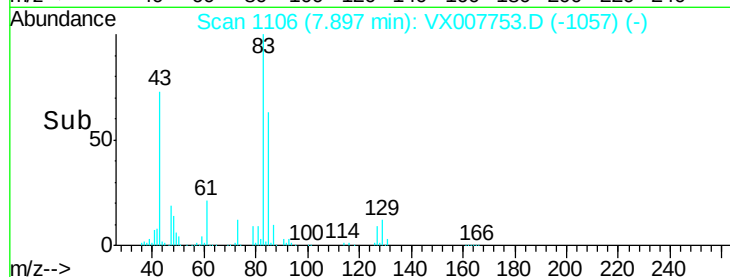
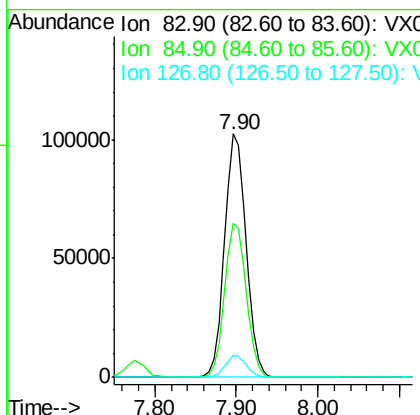
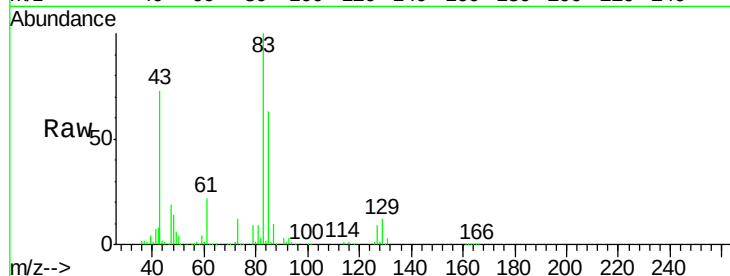
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	186129
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.4	77.0
127	9.2	8.1	12.1

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#48

Methyl methacrylate

Concen: 55.680 ug/l

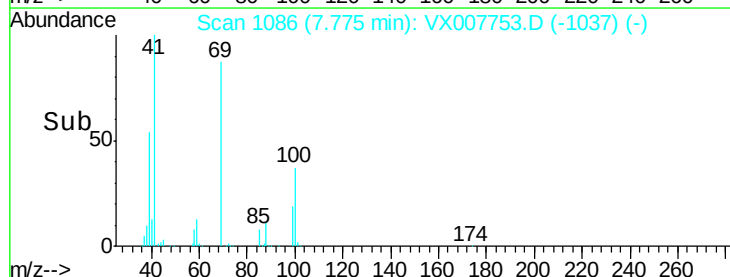
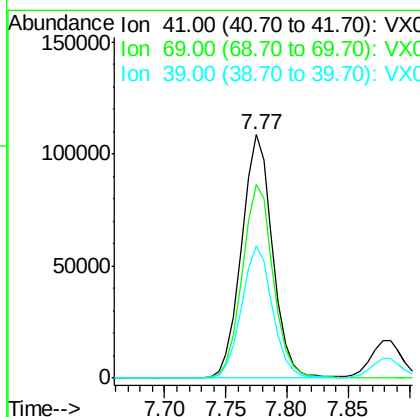
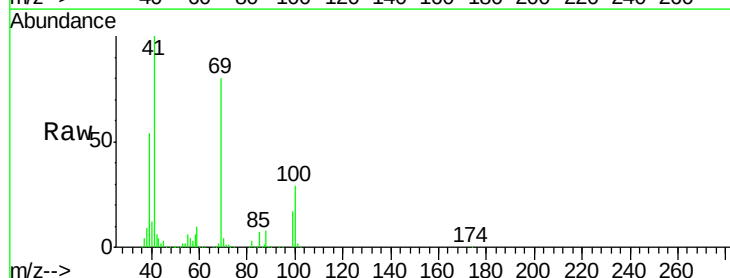
RT: 7.77 min Scan# 1086

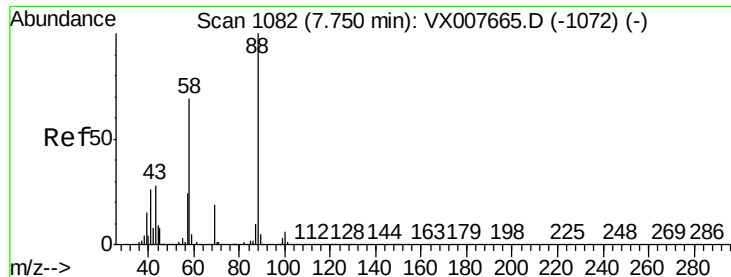
Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	41	Resp:	190828
Ion	Ratio	Lower	Upper
41	100		
69	79.8	70.2	105.4
39	54.0	47.4	71.0





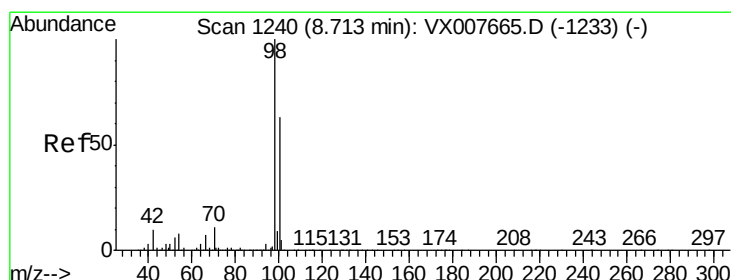
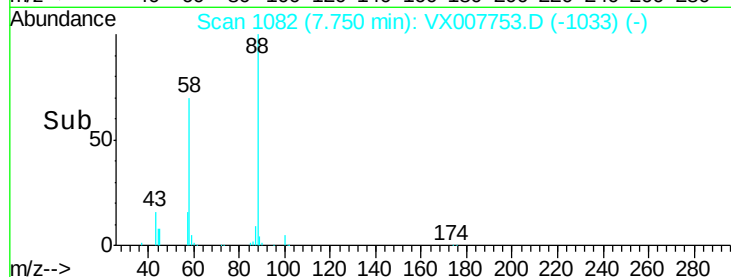
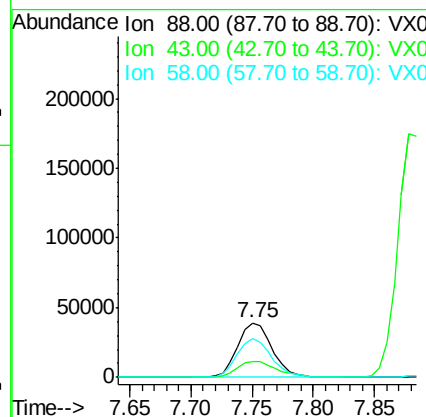
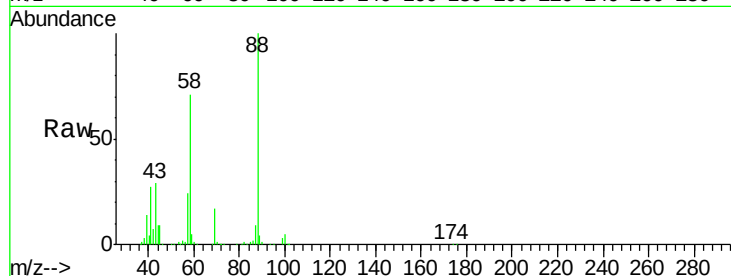
#49
1,4-Dioxane
Concen: 1028.355 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	24.2	36.4
58	72.7	53.0	79.4

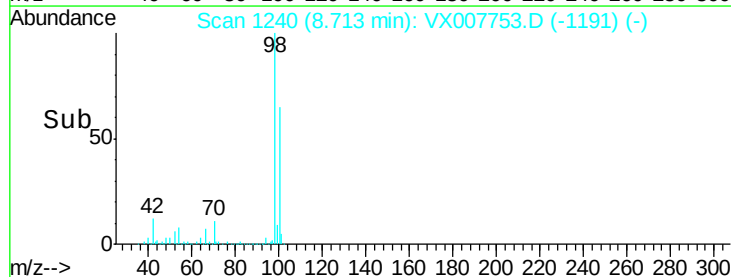
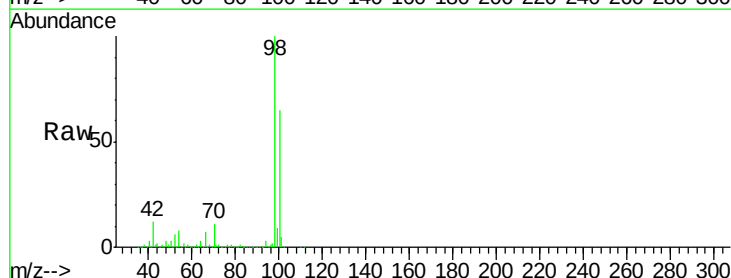
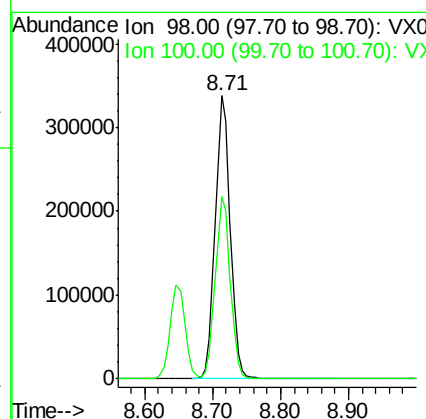
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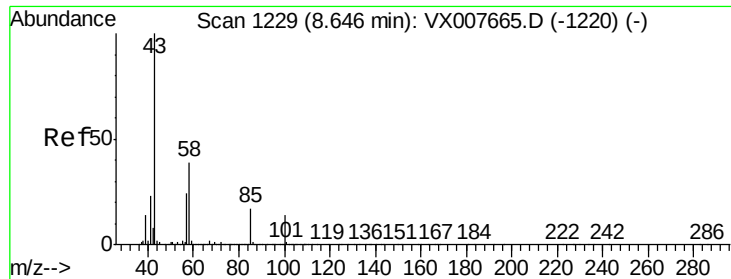
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#50
Toluene-d8
Concen: 47.793 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





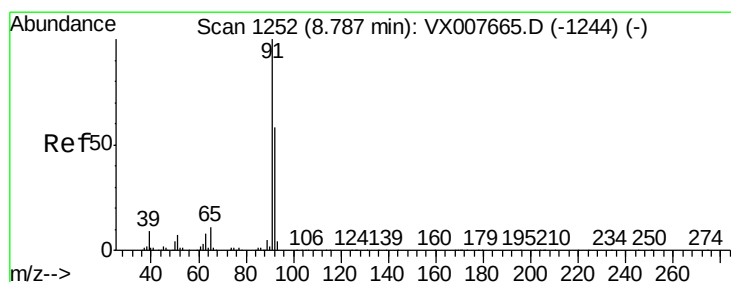
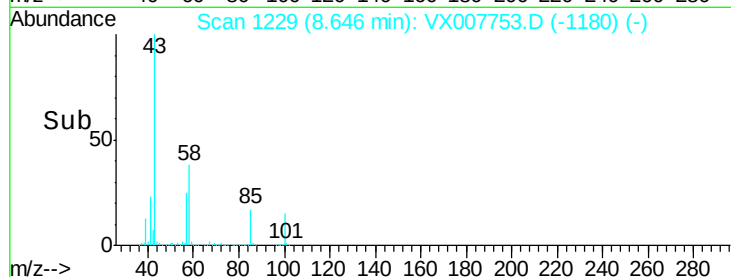
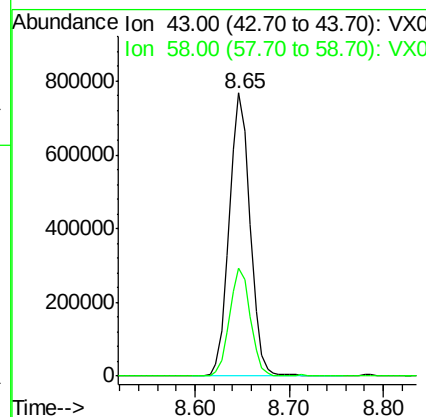
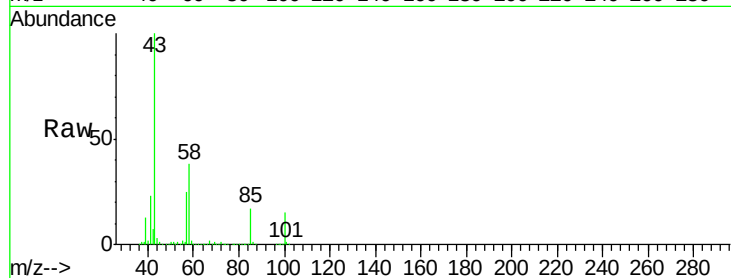
#51
 4-Methyl-2-Pentanone
 Concen: 269.592 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1179877
 Ion Ratio Lower Upper
 43 100
 58 38.2 31.2 46.8

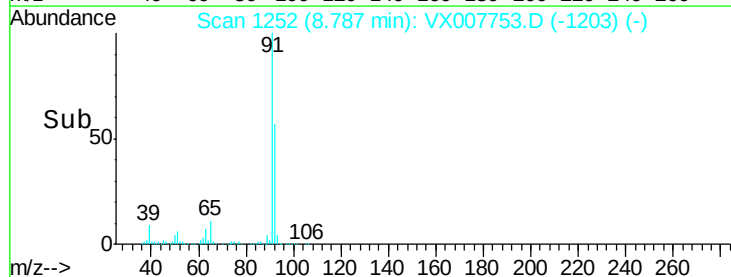
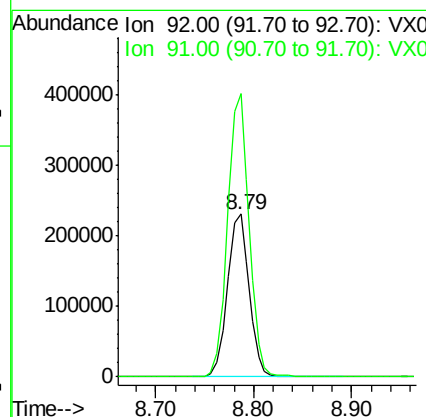
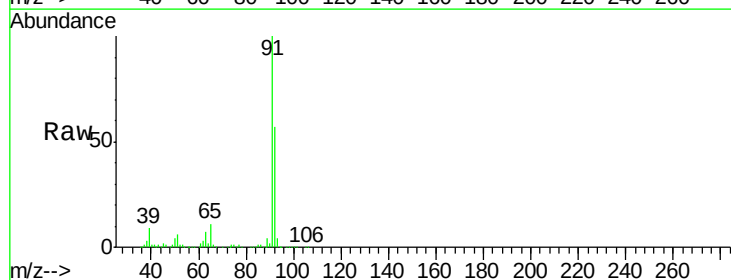
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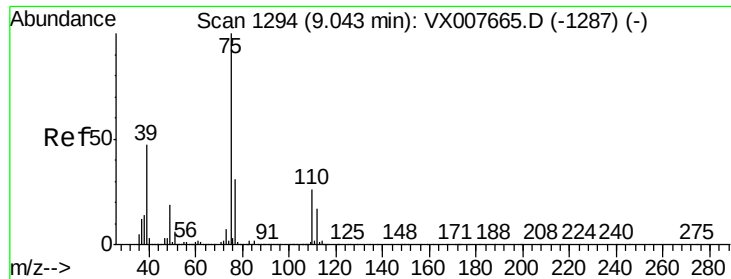
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#52
 Toluene
 Concen: 47.679 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion: 92 Resp: 354940
 Ion Ratio Lower Upper
 92 100
 91 172.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 44.166 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 201409

Ion Ratio Lower Upper

75 100

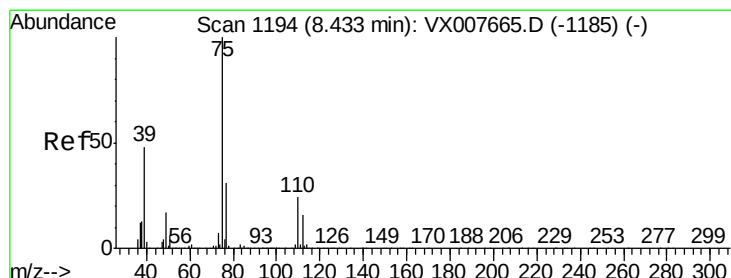
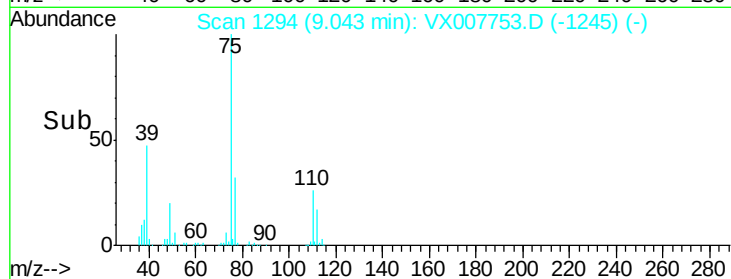
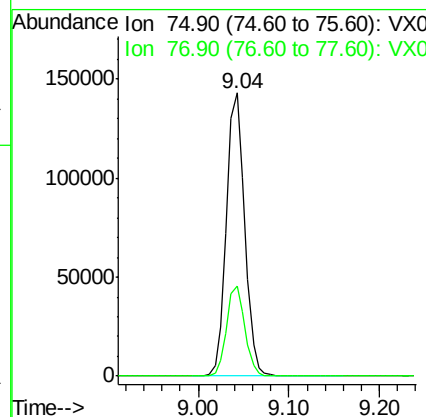
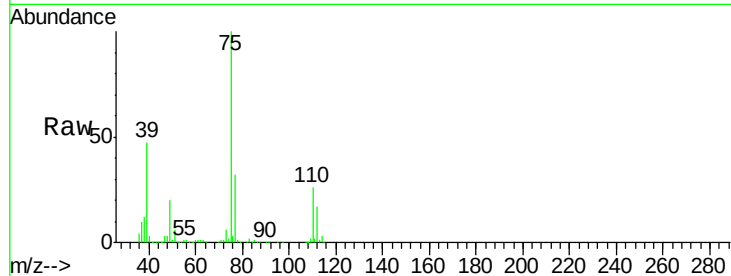
77 31.8 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 49.541 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

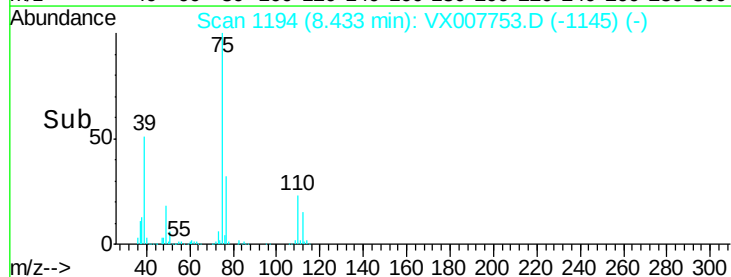
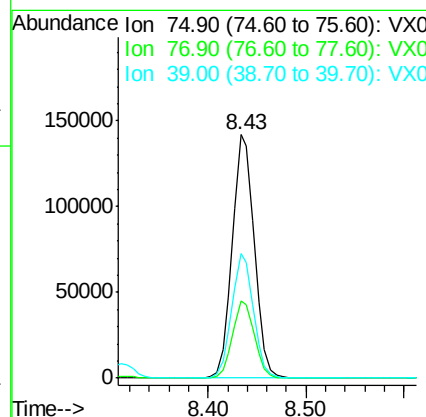
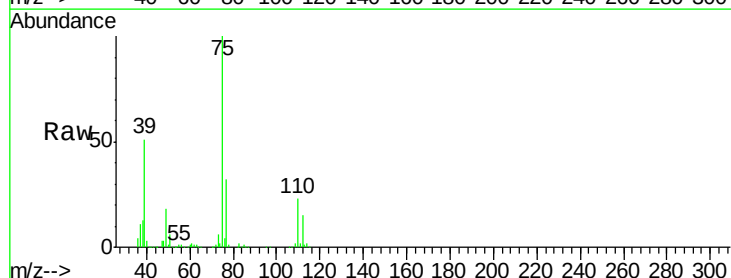
Tgt Ion: 75 Resp: 222272

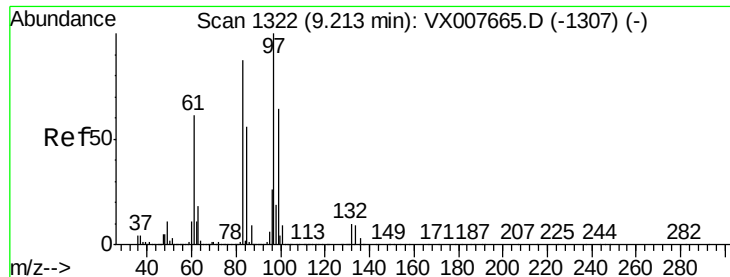
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

39 51.0 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 47.425 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

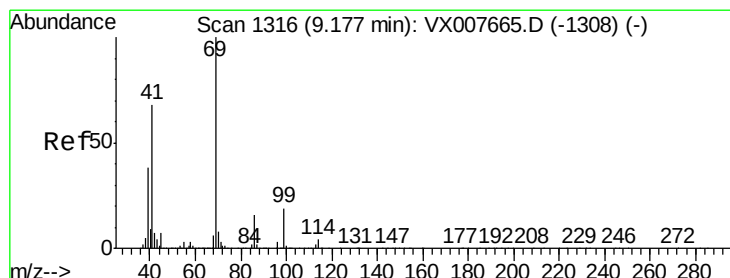
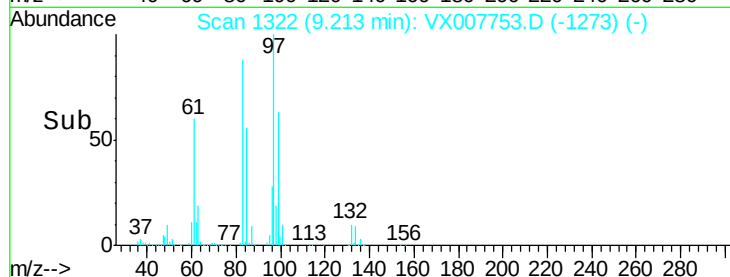
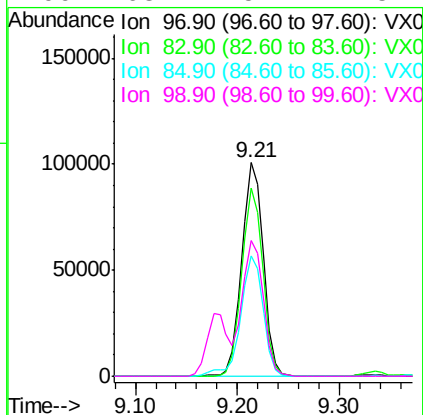
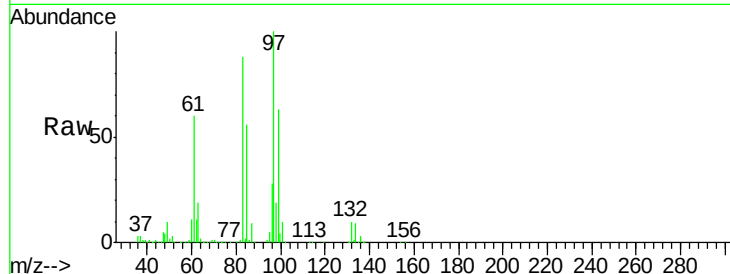
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		147224		
83	88.0	68.6	102.8		
85	56.2	44.5	66.7		
99	63.2	52.2	78.4		

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#56

Ethyl methacrylate

Concen: 51.857 ug/l

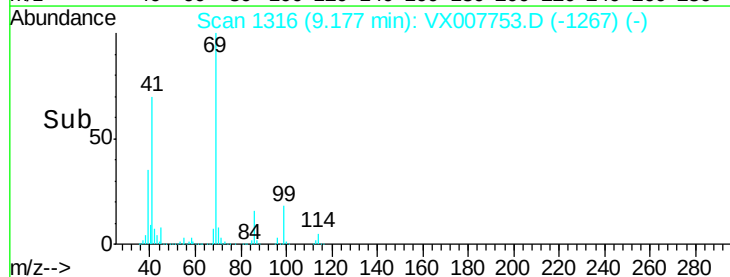
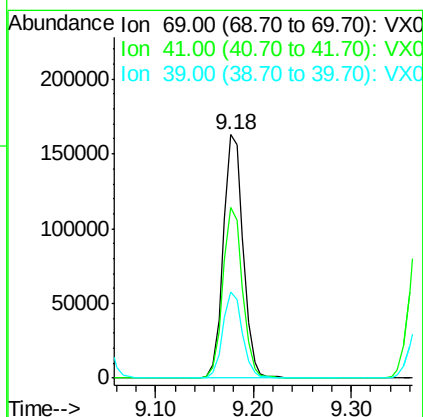
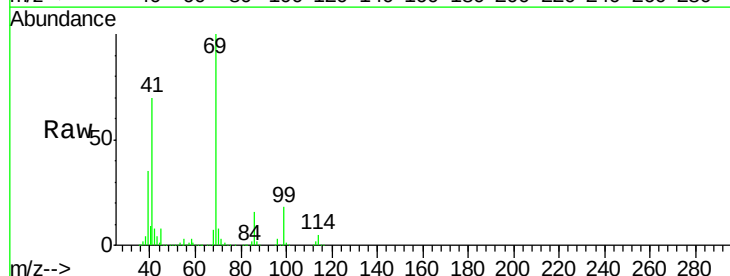
RT: 9.18 min Scan# 1316

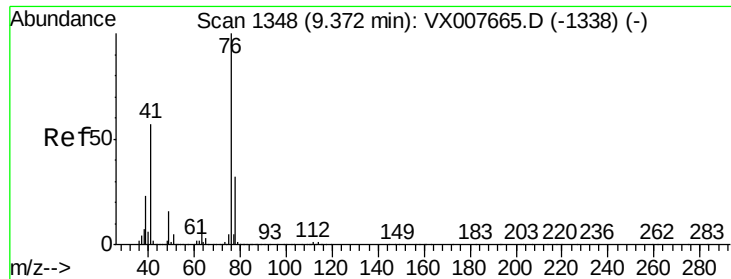
Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		228928		
41	69.4	52.1	78.1		
39	35.0	30.1	45.1		





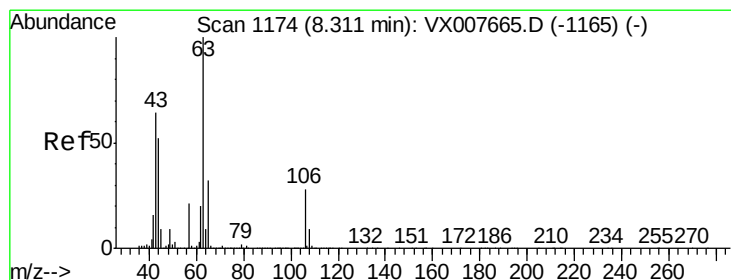
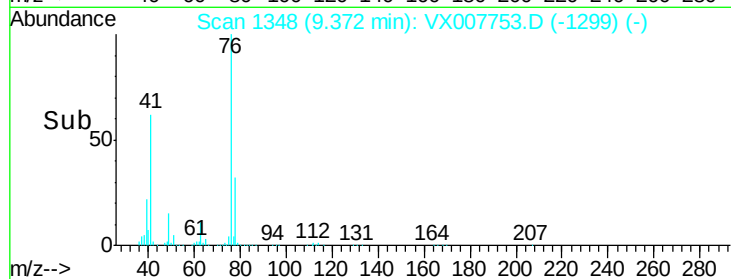
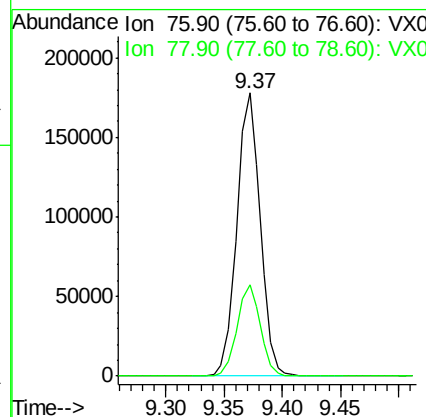
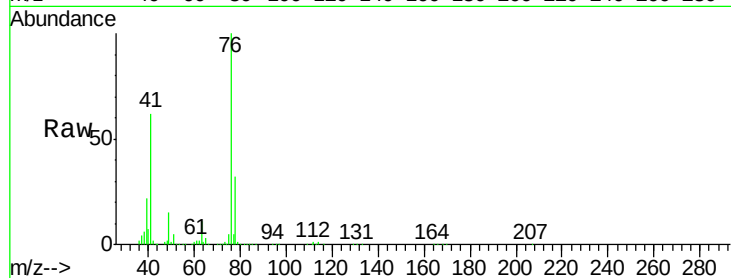
#57
 1,3-Dichloropropane
 Concen: 50.133 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

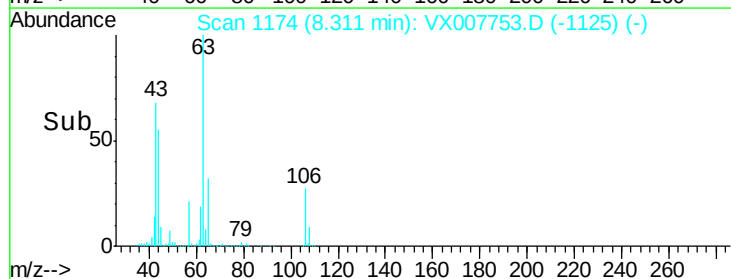
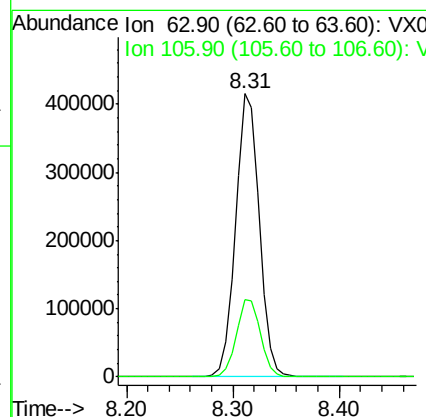
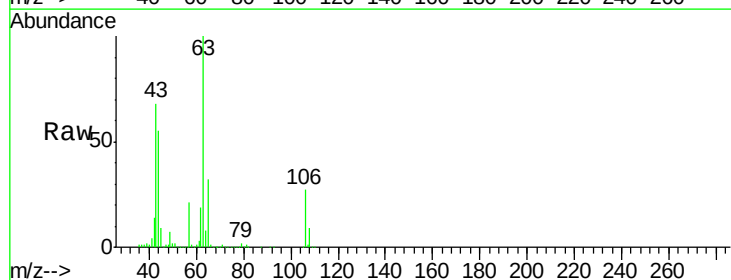
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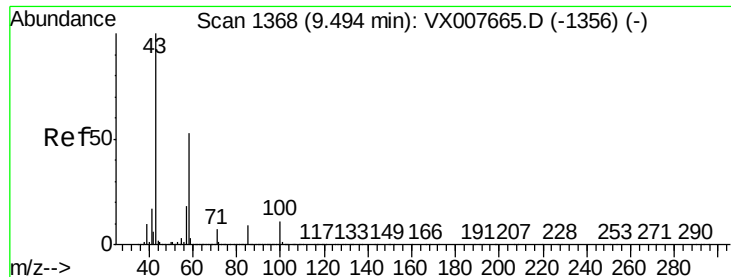
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#58
 2-Chloroethyl Vinyl ether
 Concen: 265.927 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	23.6	35.4





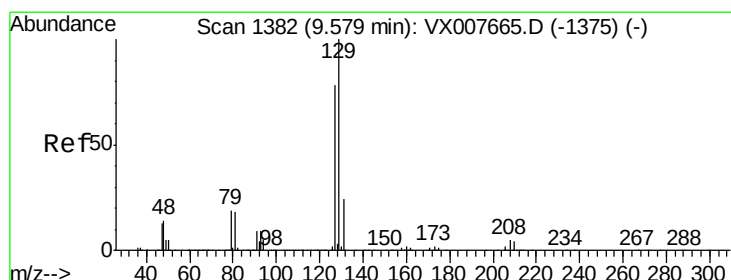
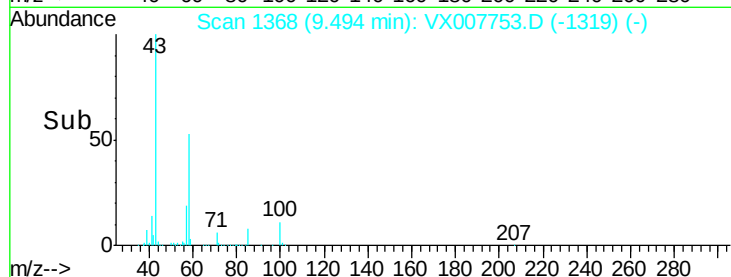
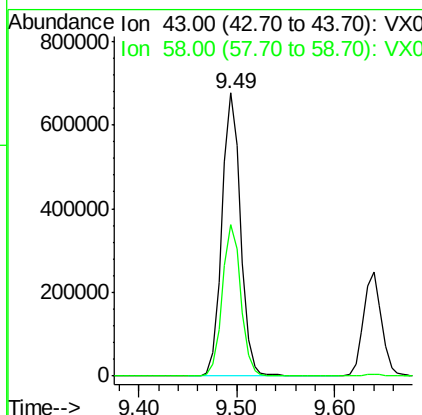
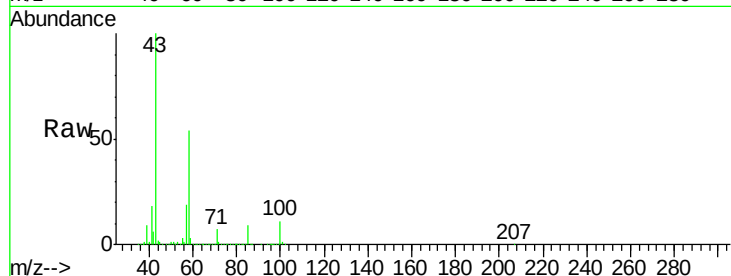
#59
2-Hexanone
Concen: 259.894 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.5	27.1	81.3

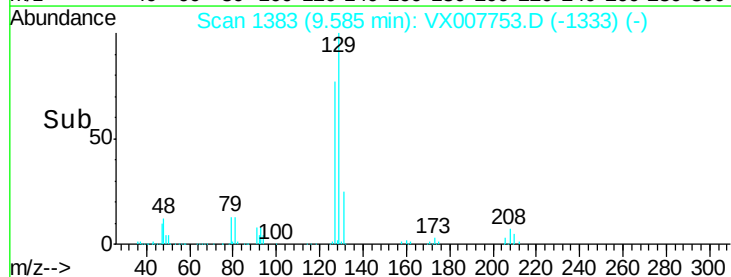
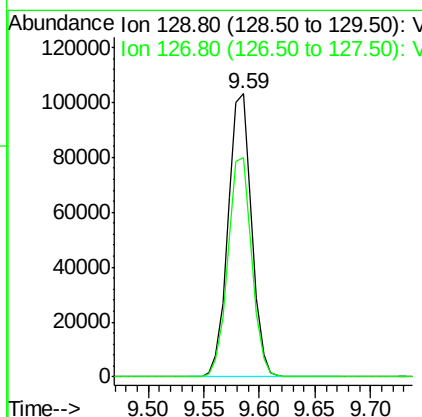
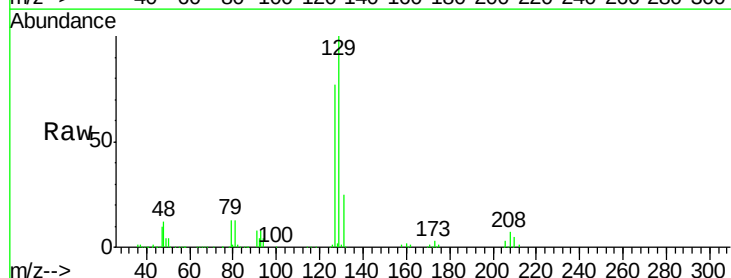
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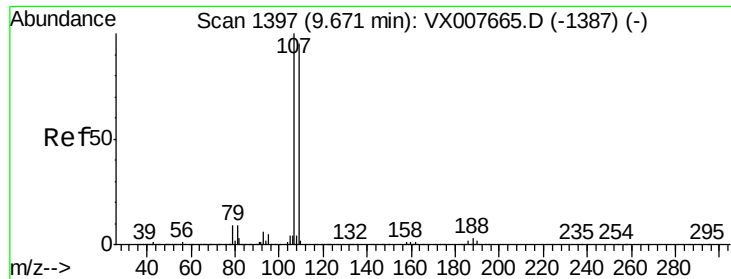
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2/28/2019 12:23:09 PM



#60
Dibromochloromethane
Concen: 50.354 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	37.8	113.4





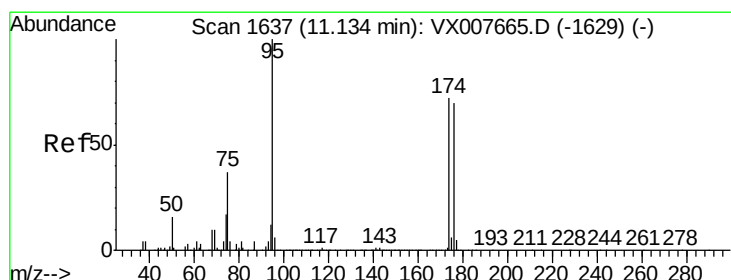
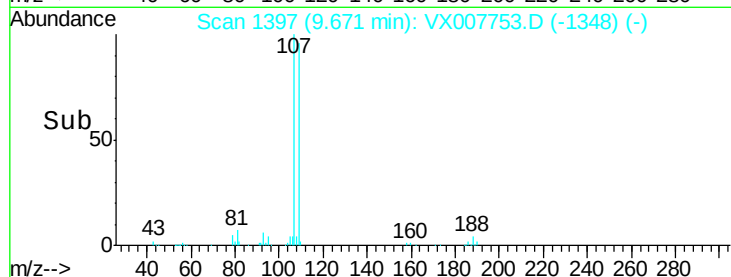
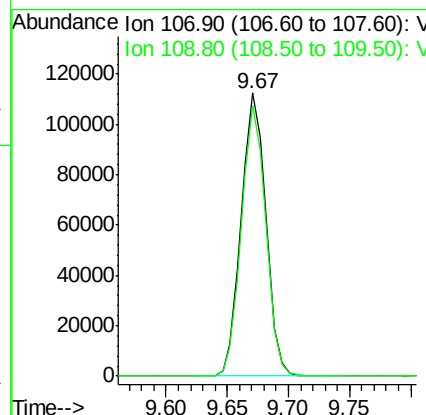
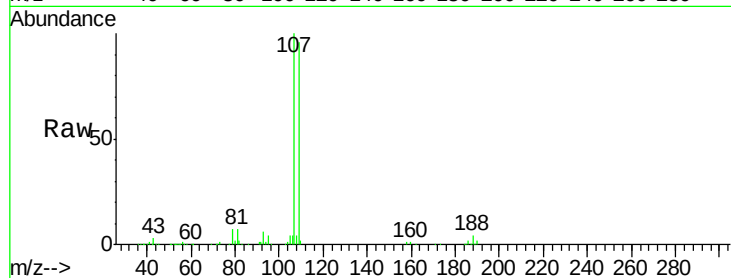
#61
 1,2-Dibromoethane
 Concen: 48.581 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	156580		
109	94.9	75.1	112.7	

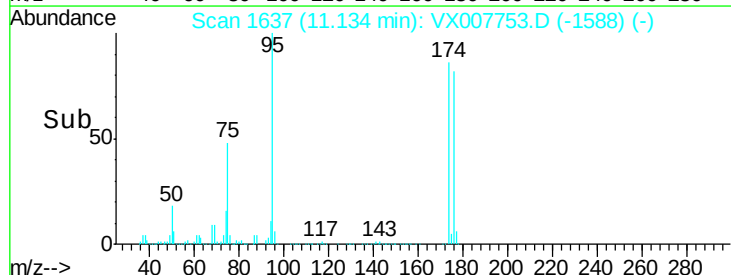
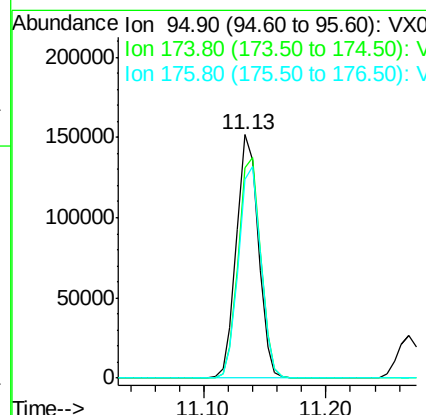
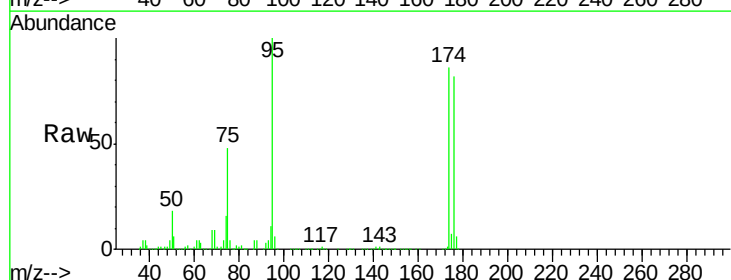
Manual Integrations
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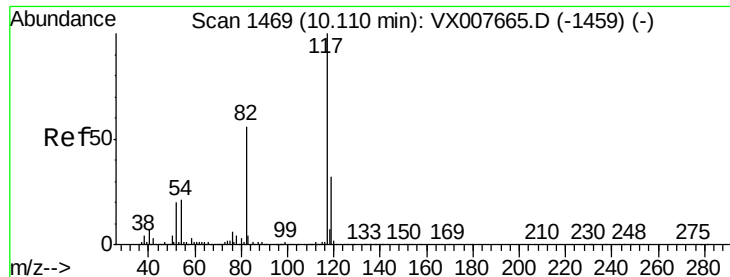
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#62
 4-Bromofluorobenzene
 Concen: 46.749 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	186792		
174	92.7	0.0	189.2	
176	89.0	0.0	186.2	





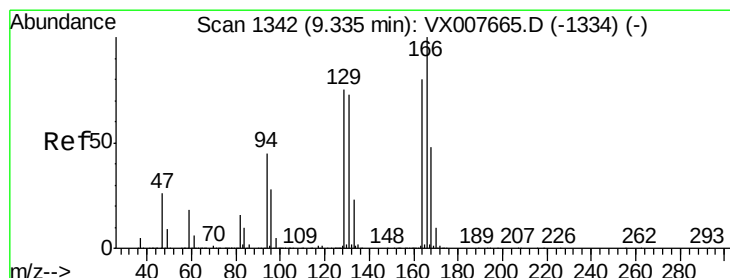
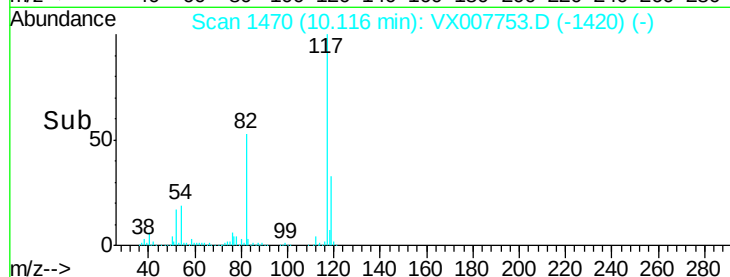
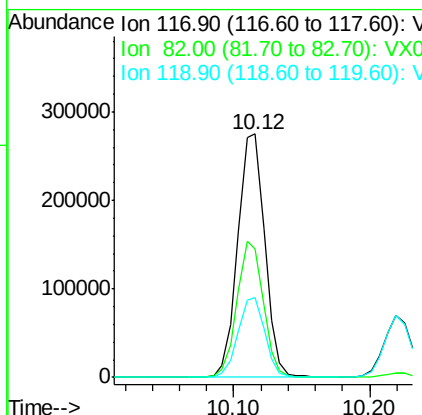
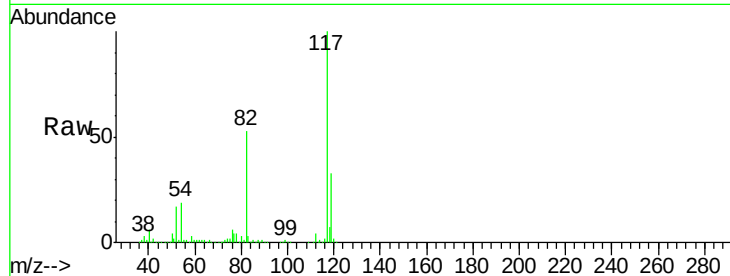
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	381754		
82	52.7		42.1	63.1
119	32.6		26.5	39.7

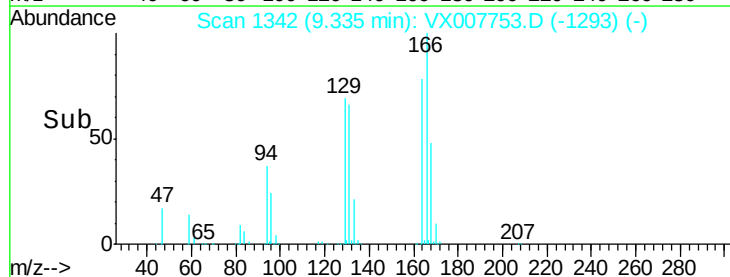
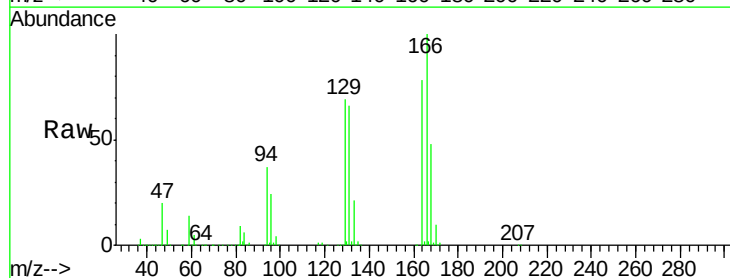
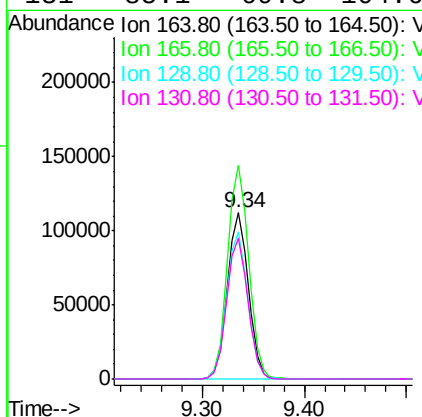
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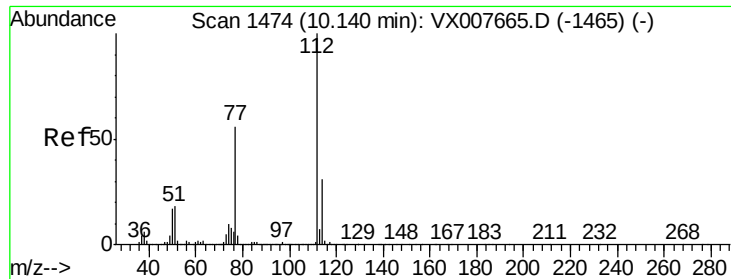
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#64
Tetrachloroethene
Concen: 51.551 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159765		
166	128.5		101.0	151.4
129	88.6		70.5	105.7
131	85.1		69.8	104.6





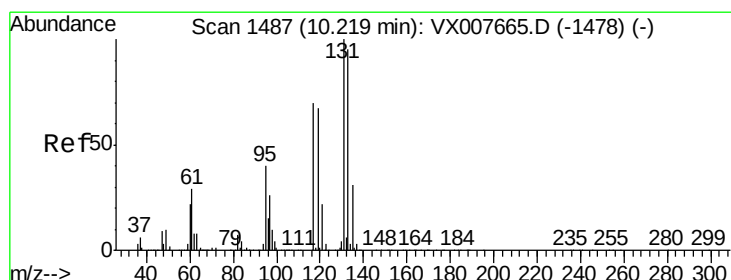
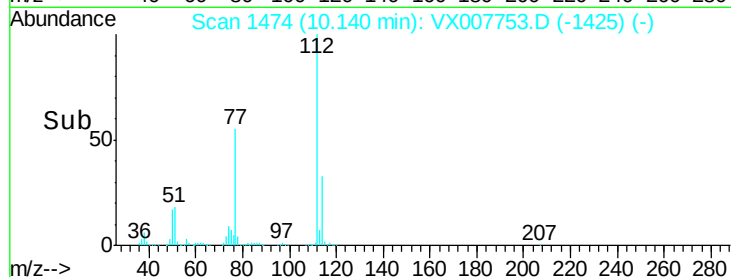
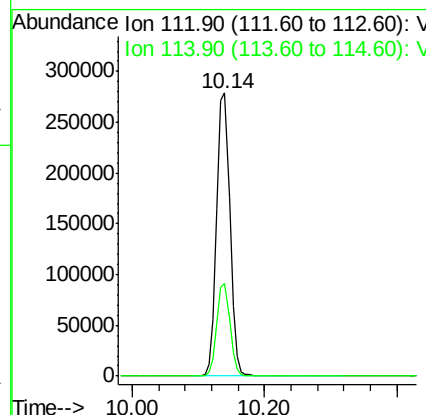
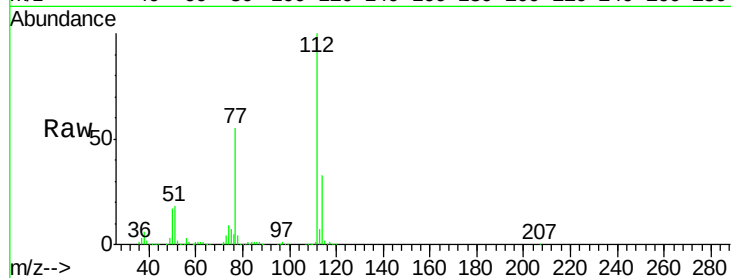
#65
Chlorobenzene
Concen: 47.077 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.8	38.6

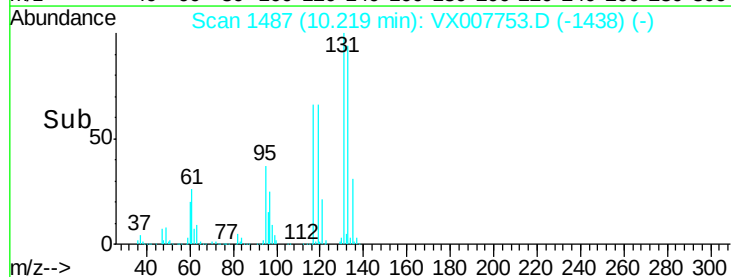
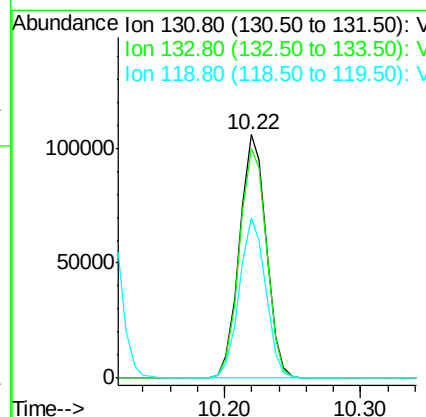
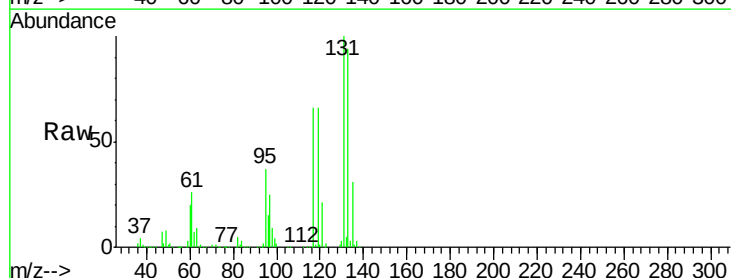
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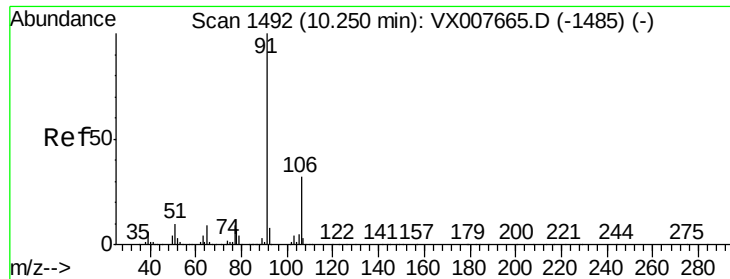
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.285 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.0	144.2
119	65.2	32.0	96.0





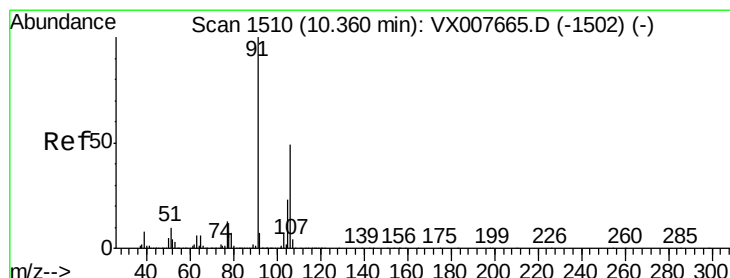
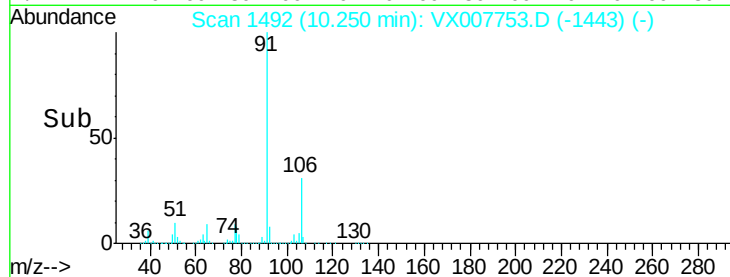
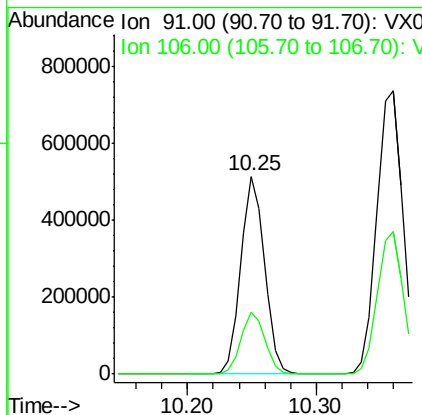
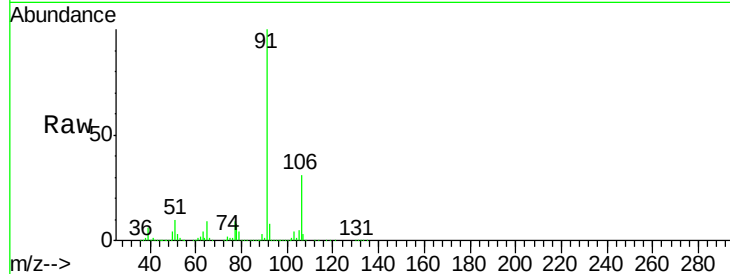
#67
Ethyl Benzene
Concen: 48.049 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 657189
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0

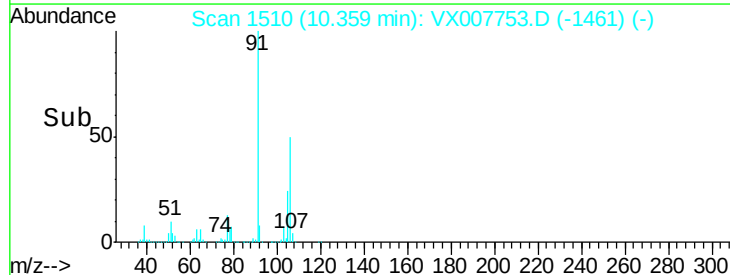
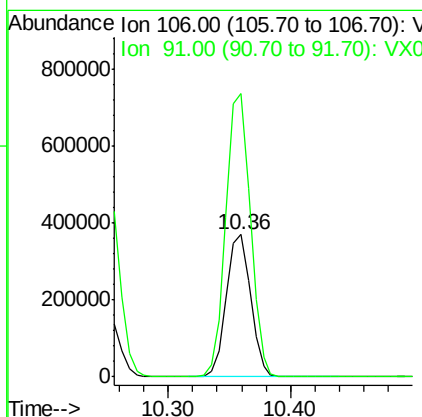
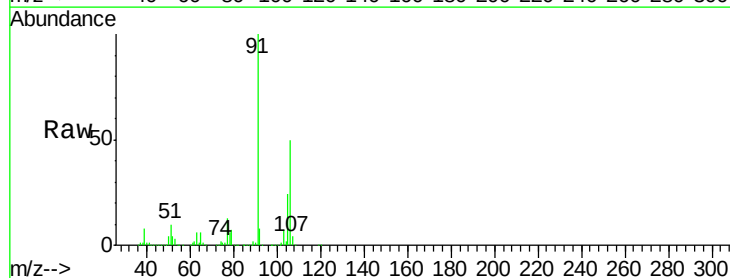
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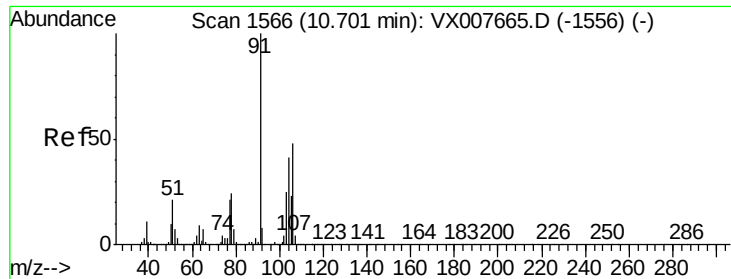
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#68
m/p-Xylenes
Concen: 95.377 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion: 106 Resp: 507496
Ion Ratio Lower Upper
106 100
91 202.2 156.6 234.8





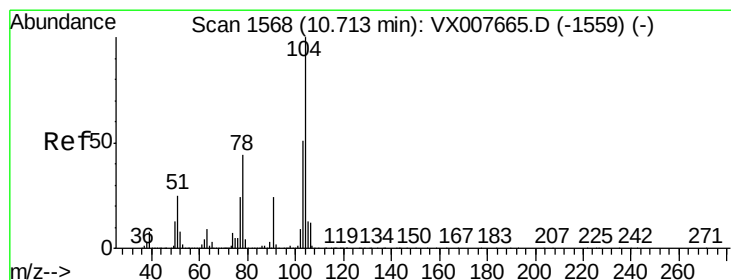
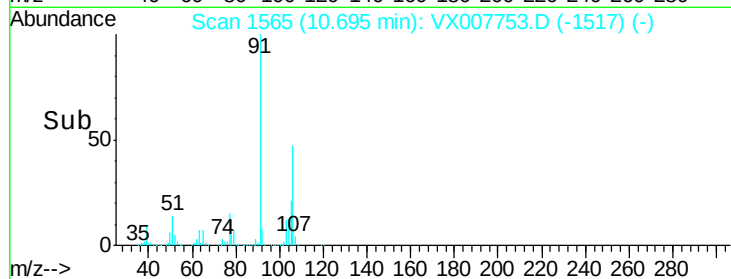
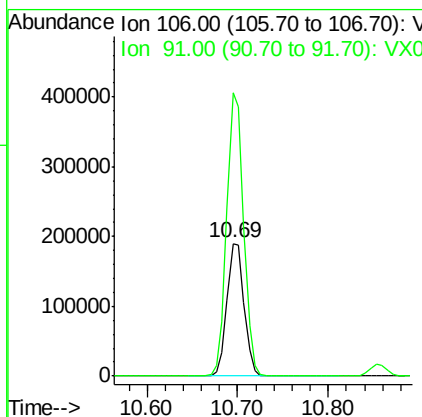
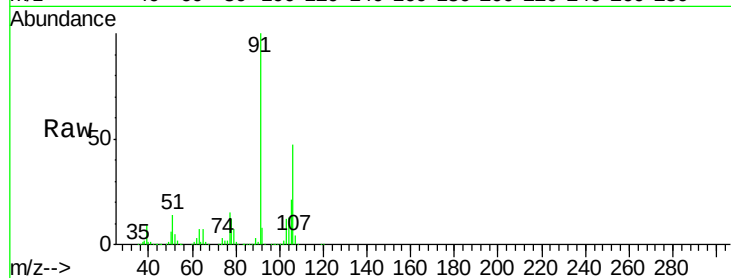
#69
o-Xylene
Concen: 48.778 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	102.9	308.7

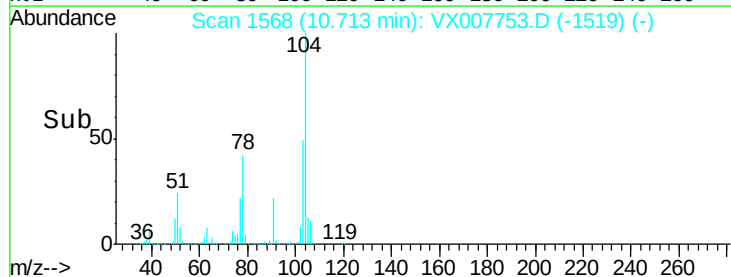
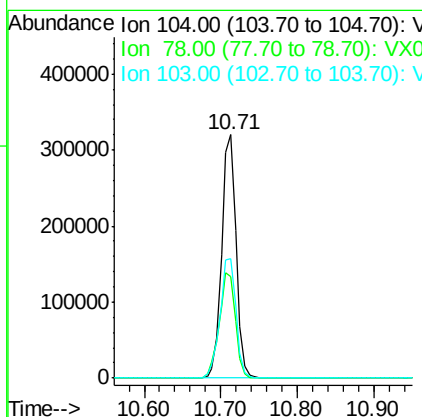
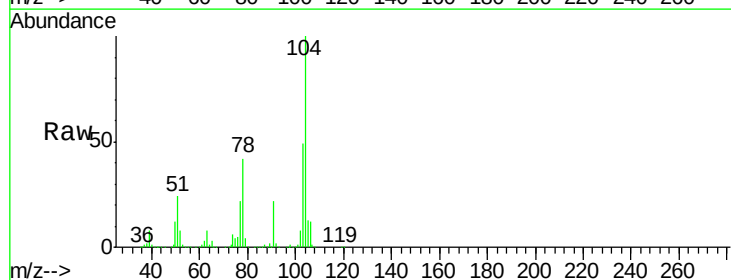
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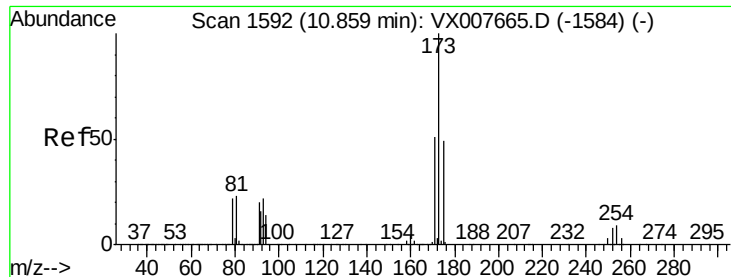
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#70
Styrene
Concen: 49.498 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.3	57.5
103	54.6	44.6	67.0





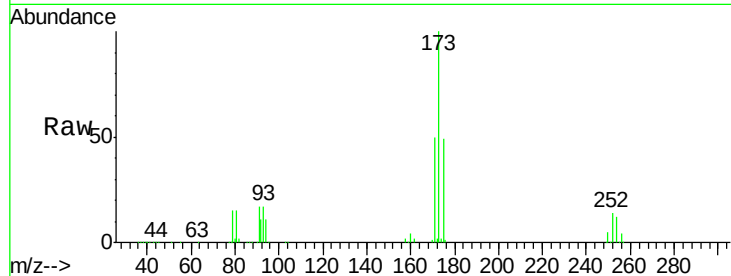
#71
Bromoform
Concen: 54.852 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

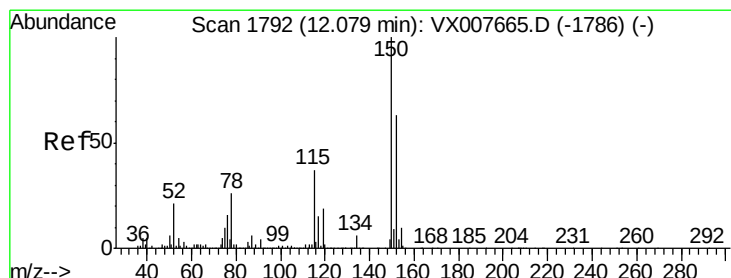
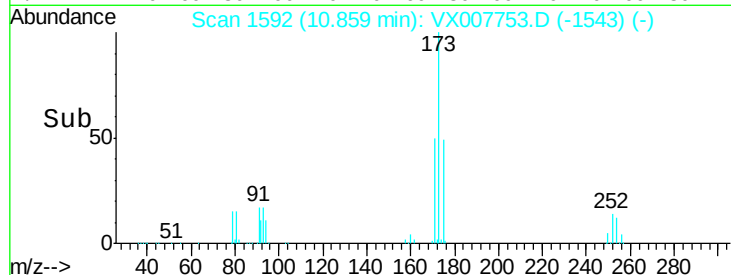
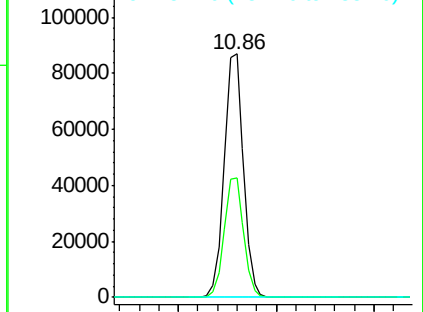
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.2	72.6
254	0.2	0.2	0.2

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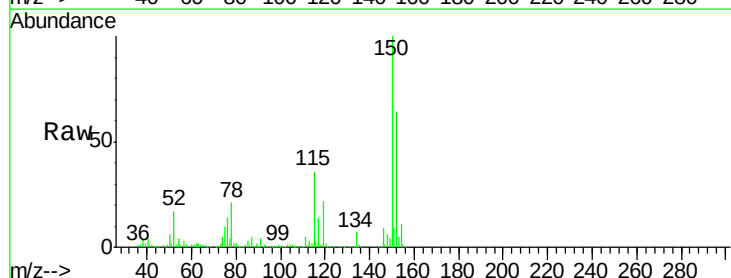


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

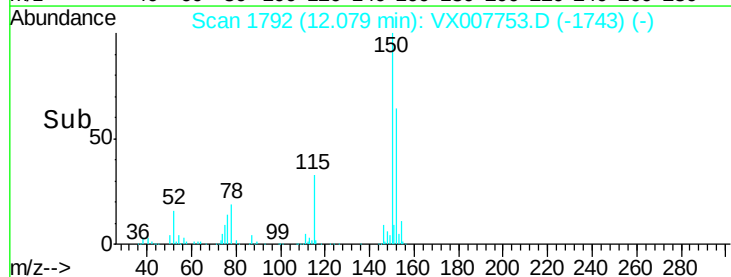
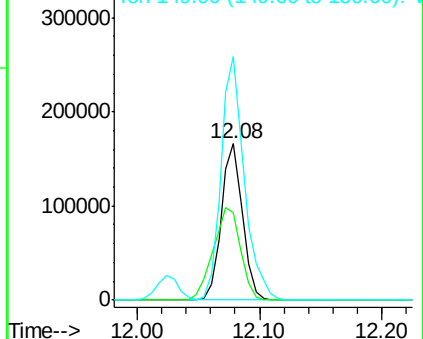


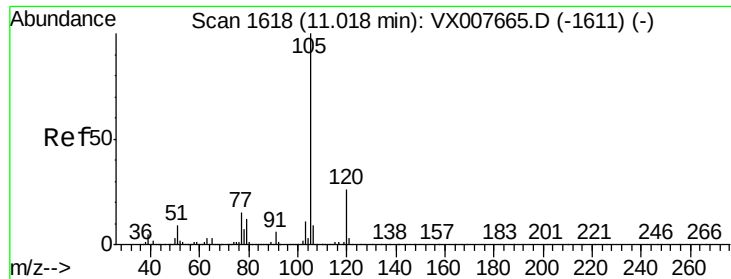
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.5	38.0	114.0
150	171.9	0.0	346.4



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: 46.696 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 662815

Ion Ratio Lower Upper

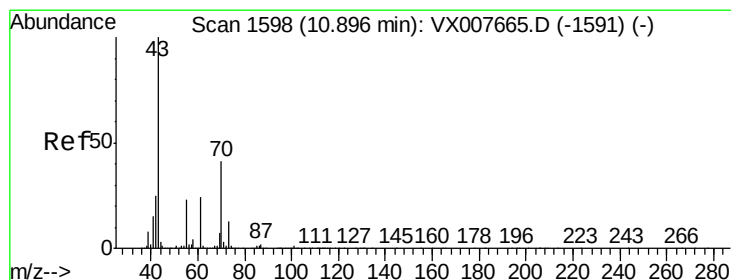
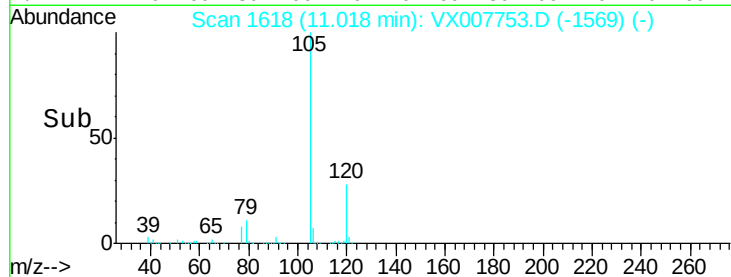
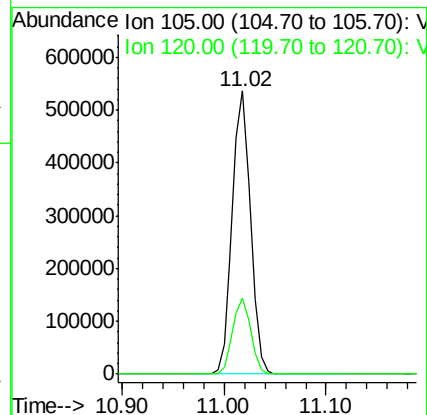
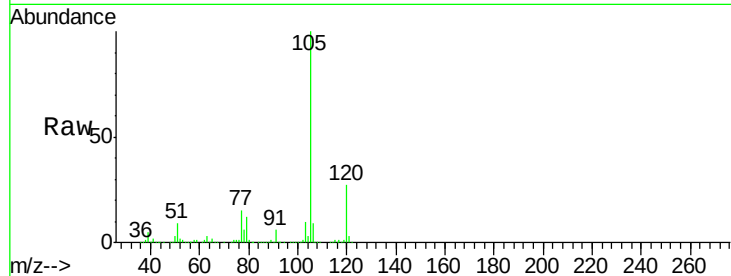
105 100

120 26.6 13.6 40.7

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#74

N-ethyl acetate

Concen: 50.168 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion: 43 Resp: 309235

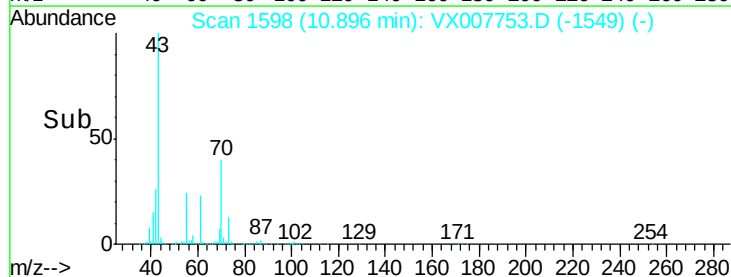
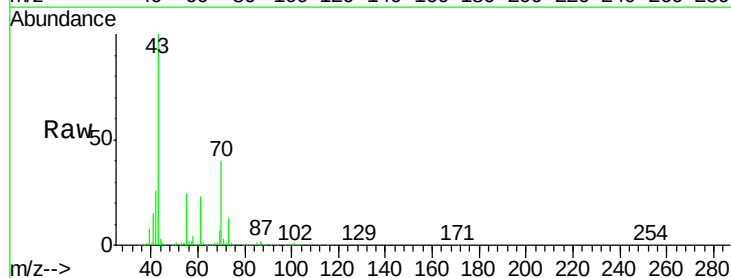
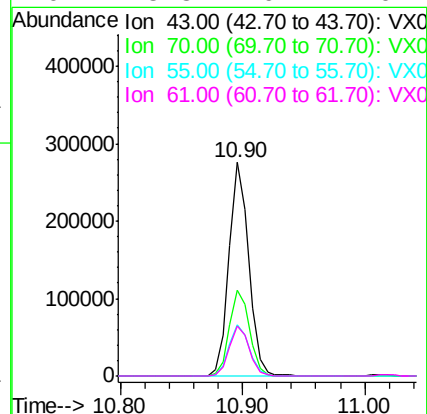
Ion Ratio Lower Upper

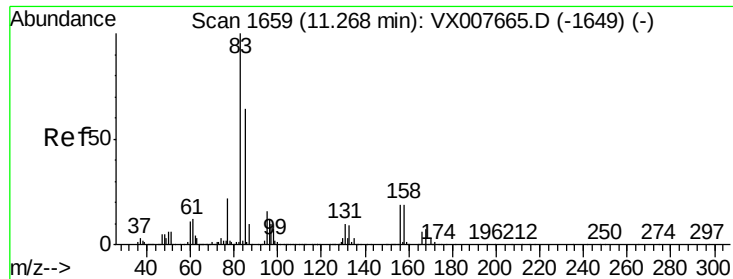
43 100

70 41.2 33.8 50.6

55 25.0 19.5 29.3

61 23.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.606 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

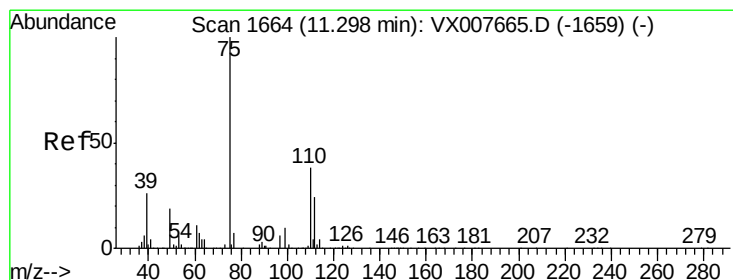
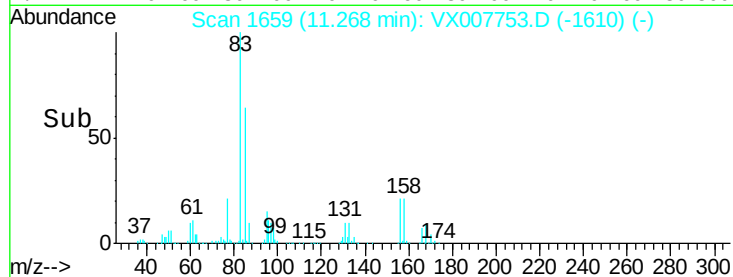
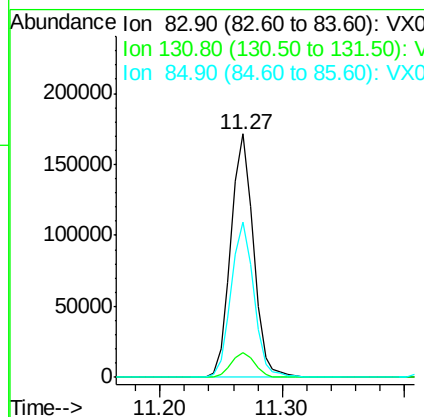
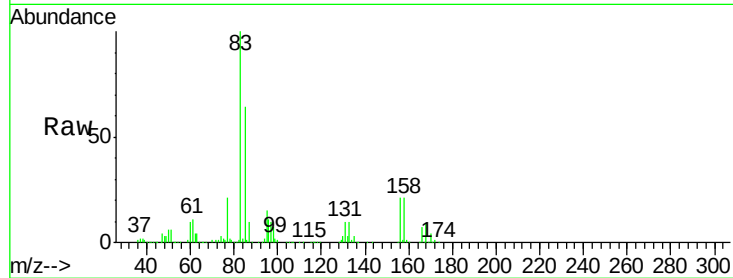
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	218988
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.7	17.0
85	64.3	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 43.734 ug/l m

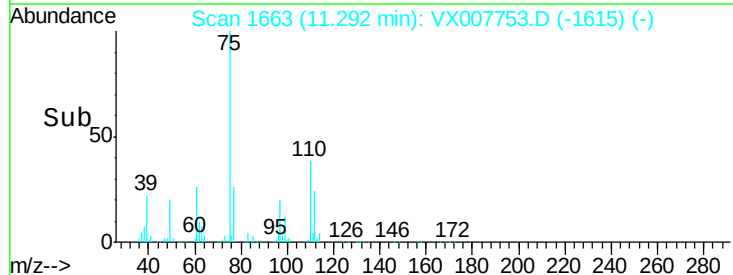
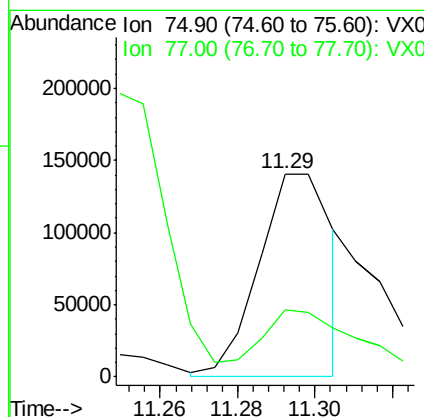
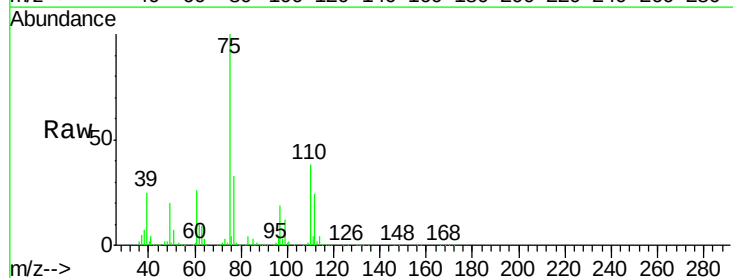
RT: 11.29 min Scan# 1663

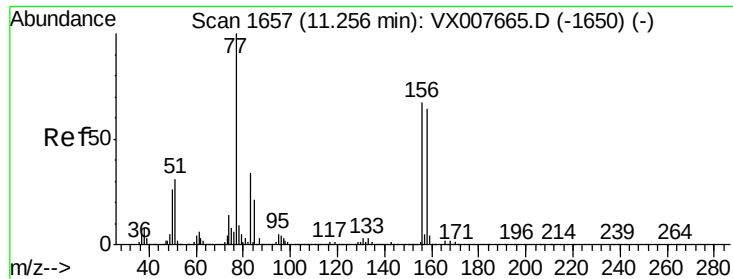
Delta R.T. -0.01 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	75	Resp:	185141
Ion Ratio	Lower	Upper	
75	100		
77	45.0	23.0	69.0





#77

Bromobenzene

Concen: 49.650 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

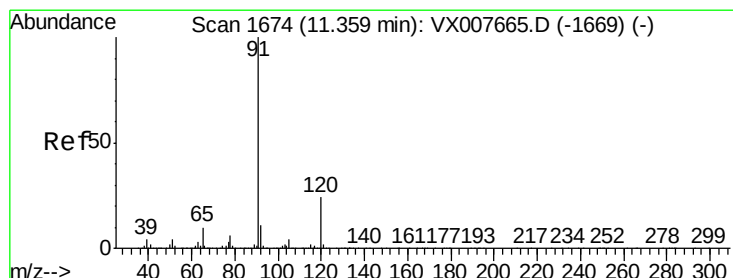
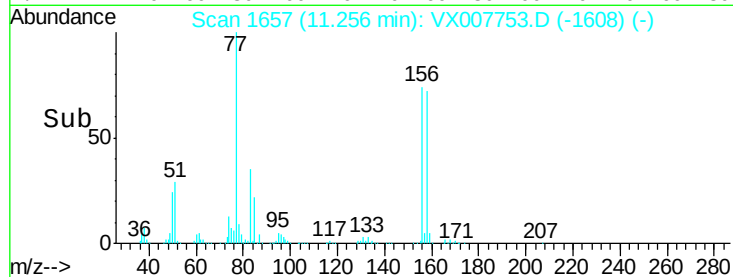
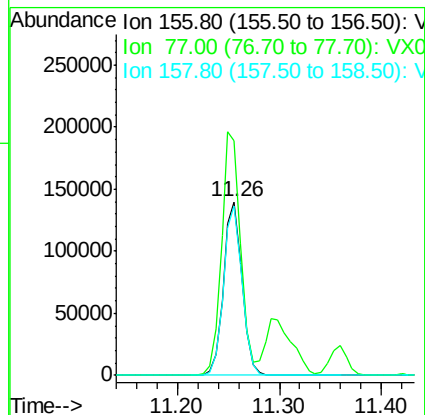
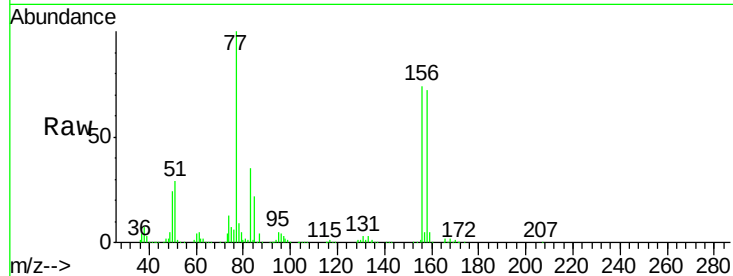
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	176767
Ion Ratio	Lower	Upper	
156	100		
77	144.3	66.8	200.6
158	98.2	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 45.964 ug/l

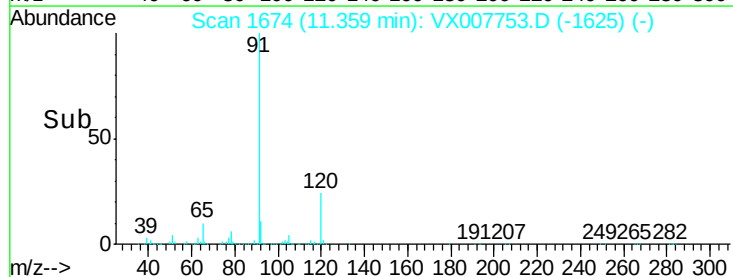
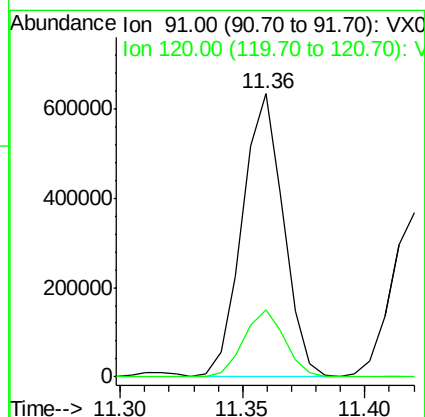
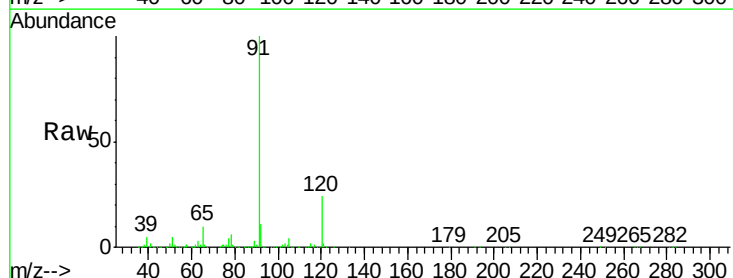
RT: 11.36 min Scan# 1674

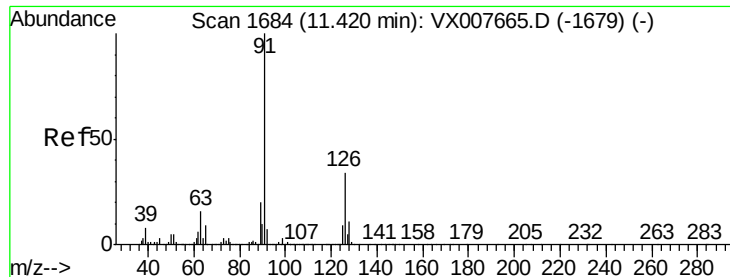
Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	91	Resp:	737255
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.4	37.2





#79

2-Chlorotoluene

Concen: 45.662 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 440998

Ion Ratio Lower Upper

91 100

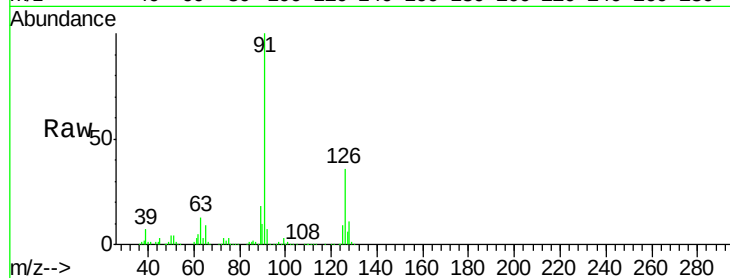
126 35.2 18.7 56.1

Manual Integrations

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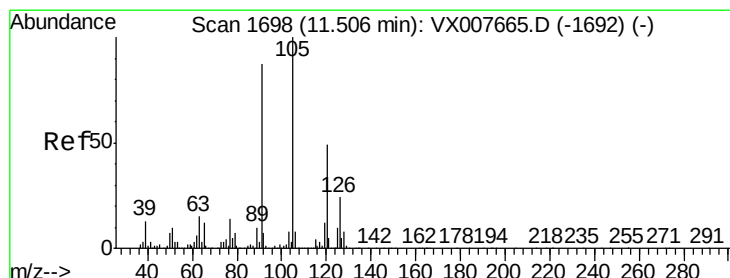
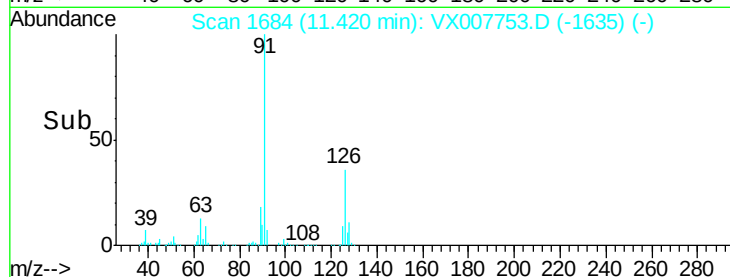
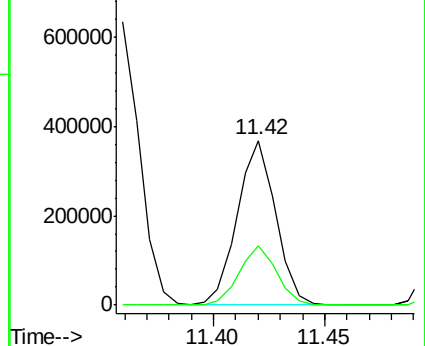
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Abundance Ion 91.00 (90.70 to 91.70): VX007665.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007665.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.007 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007753.D

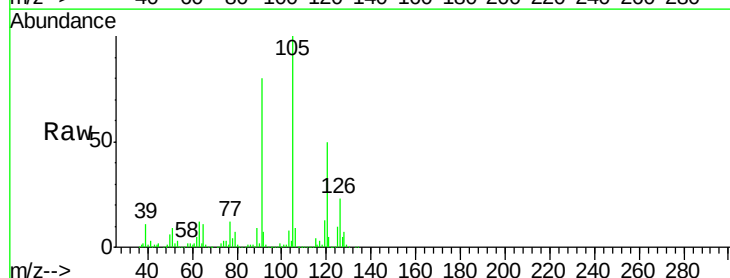
Acq: 27 Feb 2019 23:51

Tgt Ion: 105 Resp: 548839

Ion Ratio Lower Upper

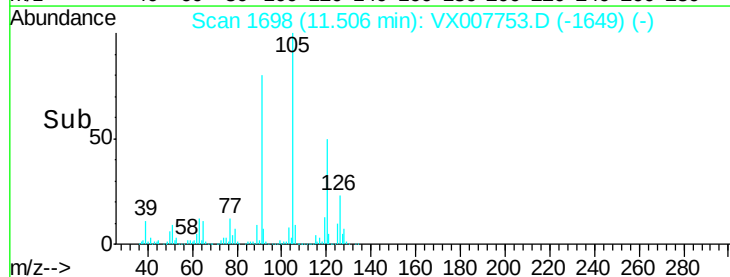
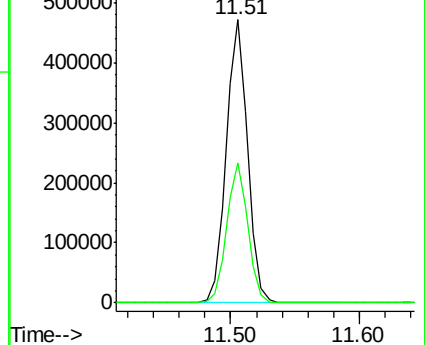
105 100

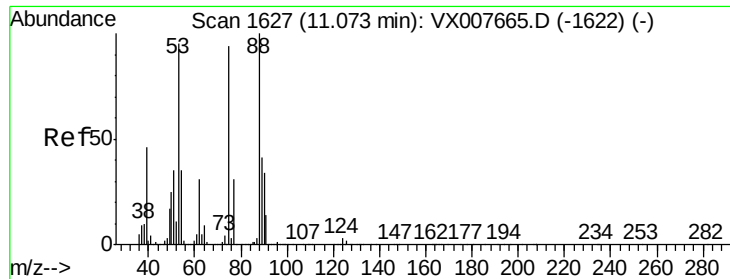
120 49.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007665.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007665.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 40.169 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

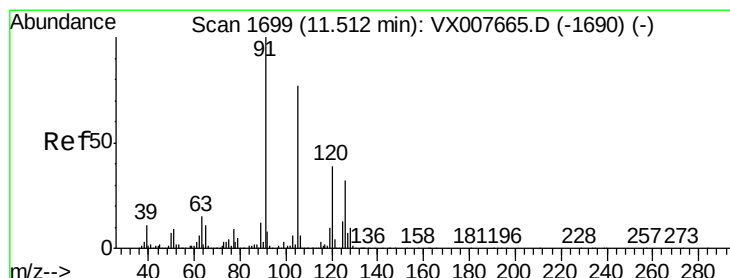
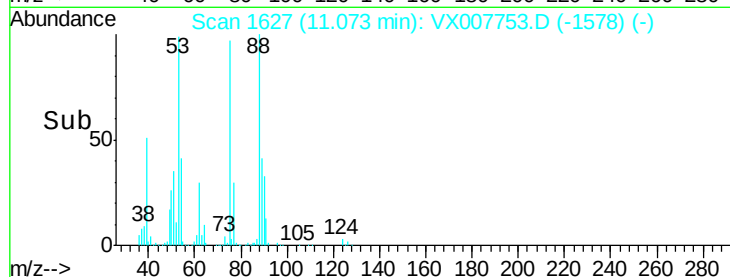
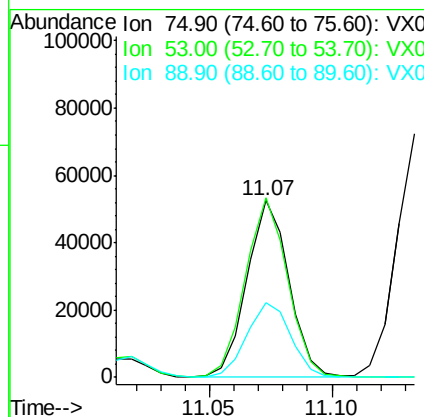
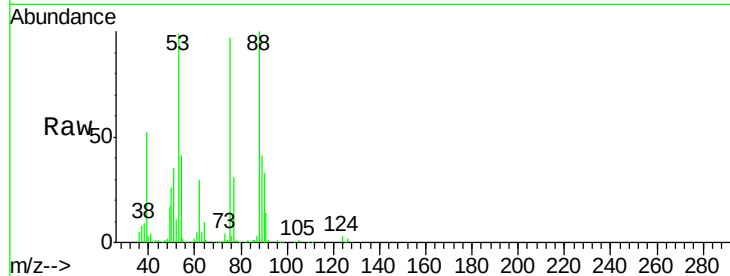
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	62462
Ion Ratio	Lower	Upper	
75	100		
53	102.0	81.0	121.6
89	44.4	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 44.969 ug/l

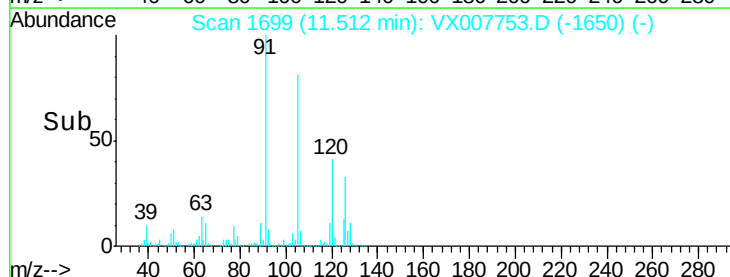
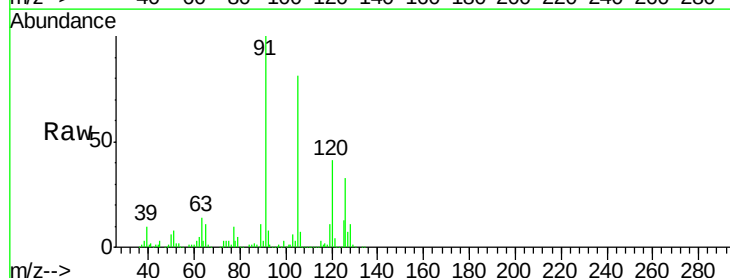
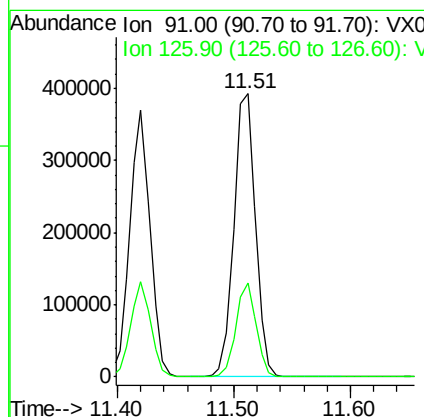
RT: 11.51 min Scan# 1699

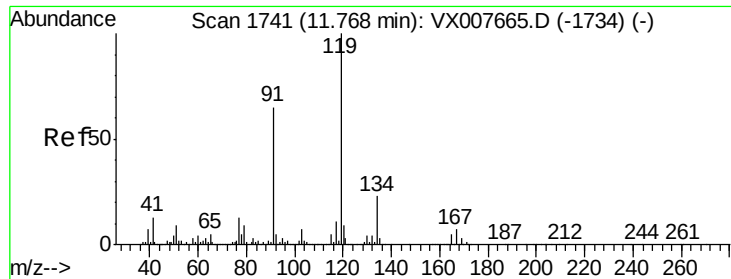
Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	91	Resp:	508066
Ion Ratio	Lower	Upper	
91	100		
126	31.2	16.2	48.5





#83

tert-Butylbenzene

Concen: 47.563 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

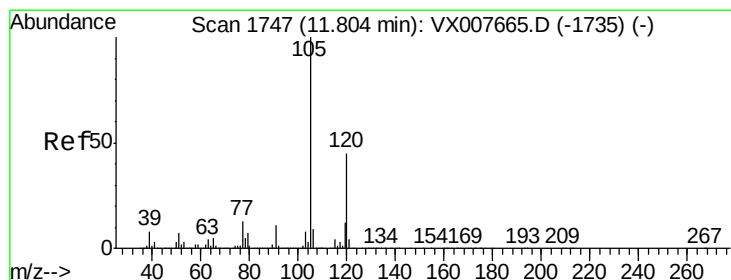
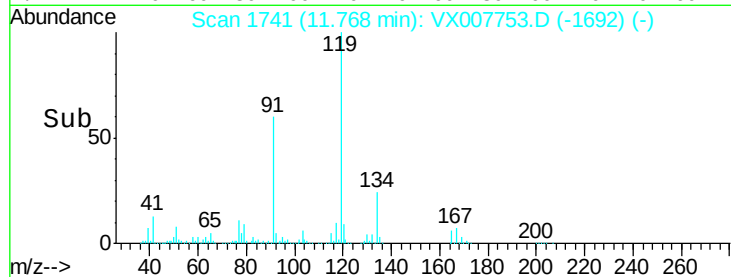
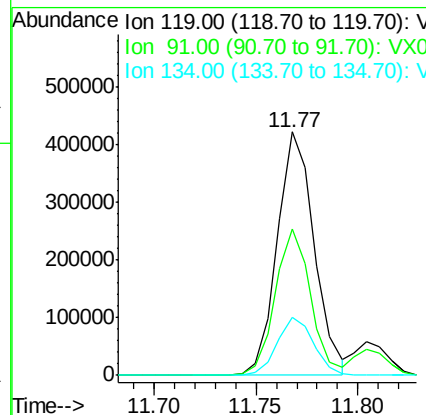
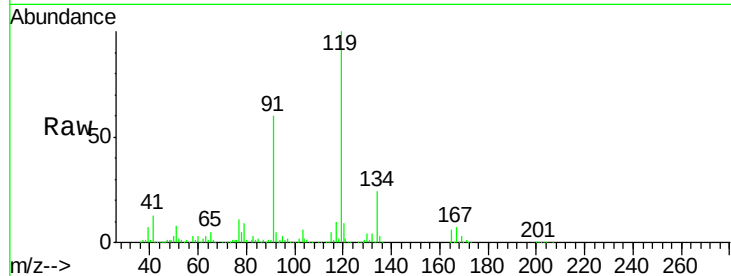
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	533197
Ion Ratio	Lower	Upper	
119	100		
91	57.3	28.5	85.6
134	23.4	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 46.919 ug/l

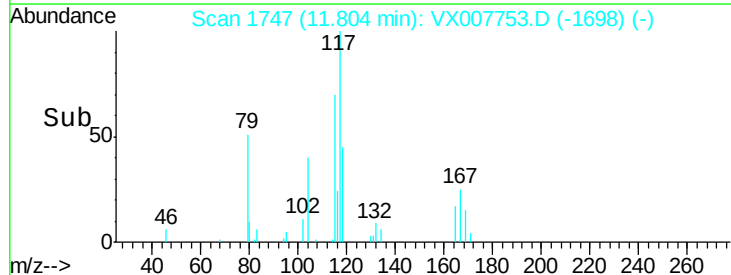
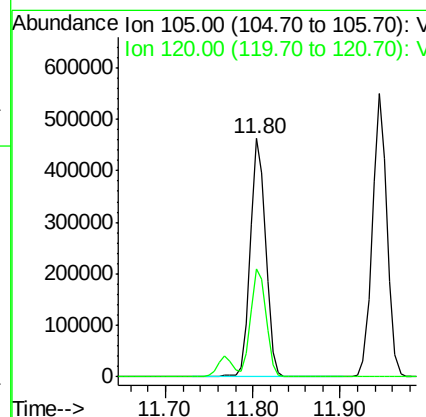
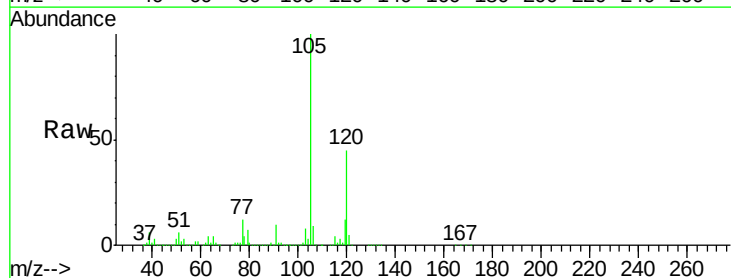
RT: 11.80 min Scan# 1747

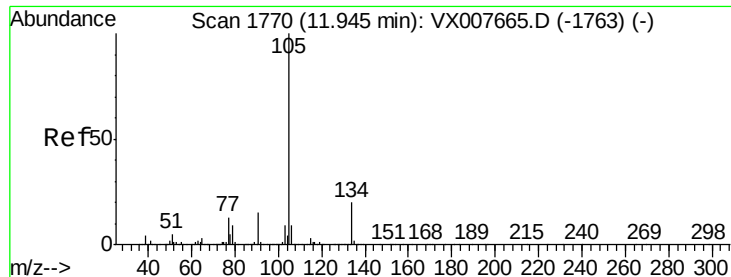
Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	105	Resp:	560359
Ion Ratio	Lower	Upper	
105	100		
120	45.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 46.274 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 650050

Ion Ratio Lower Upper

105 100

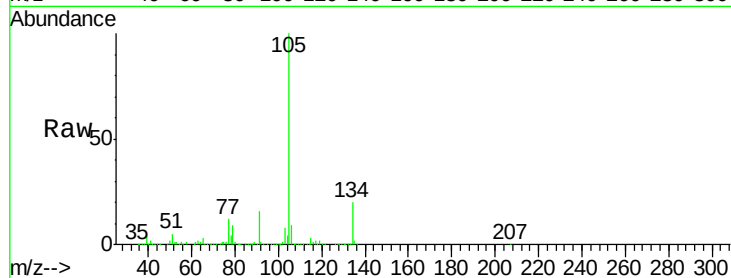
134 20.6 10.6 31.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

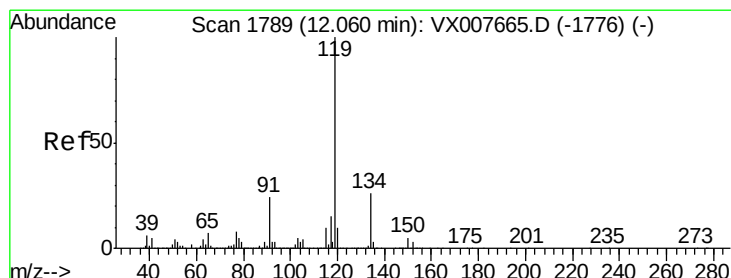
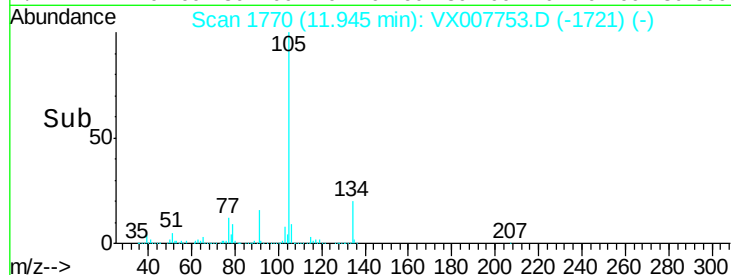
200000

100000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 47.238 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

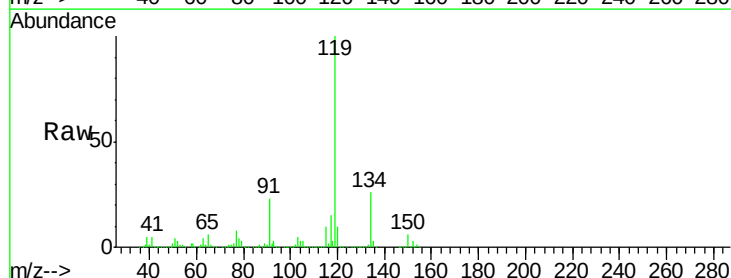
Tgt Ion:119 Resp: 581139

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

91 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

600000

500000

400000

300000

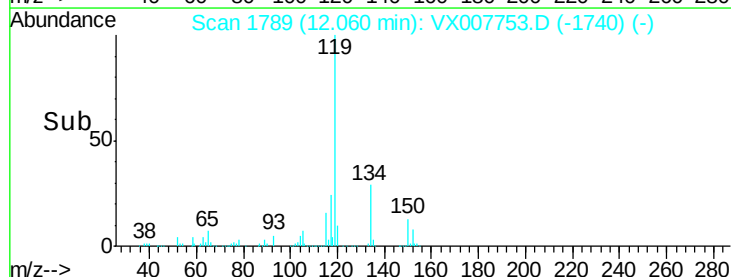
200000

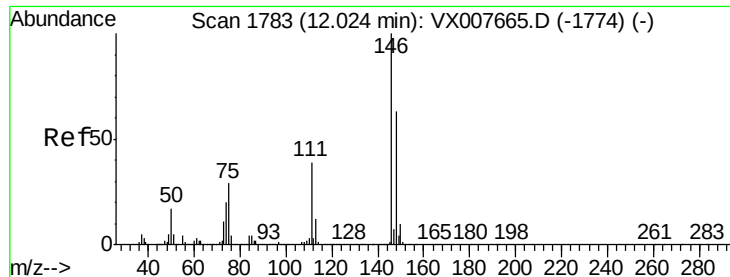
100000

0

12.00 12.10

Time-->





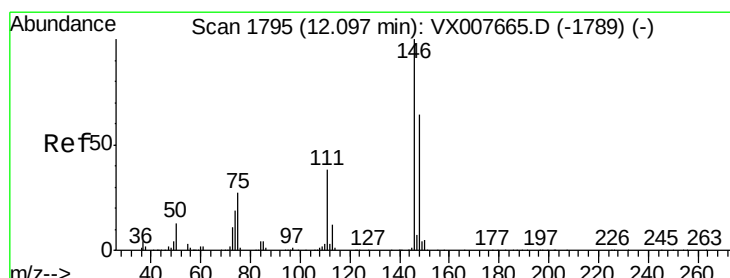
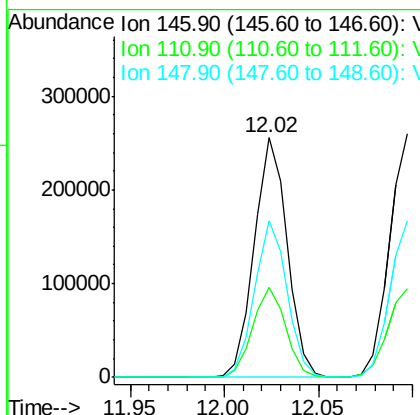
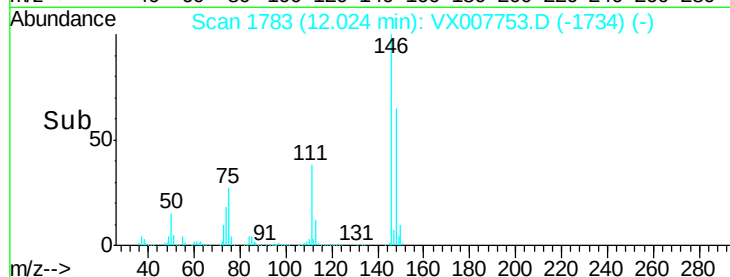
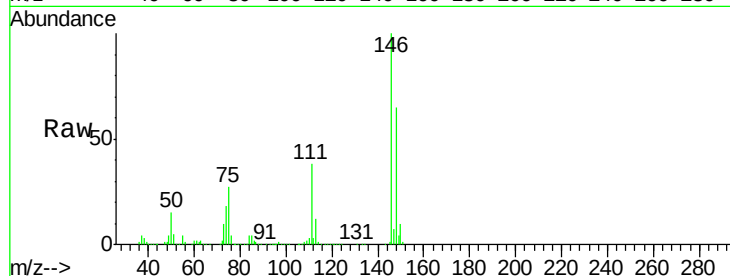
#87
 1,3-Dichlorobenzene
 Concen: 47.011 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	64.4	32.0	96.2

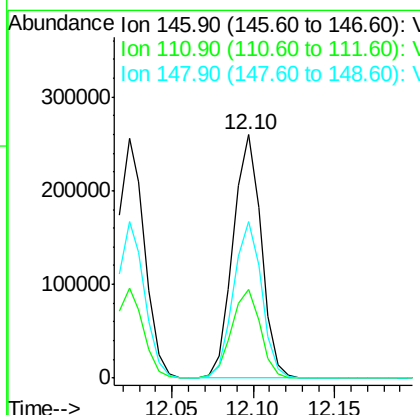
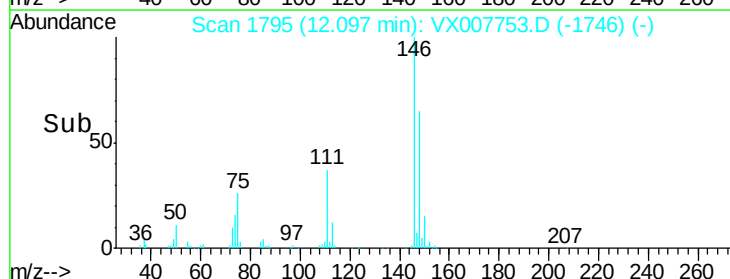
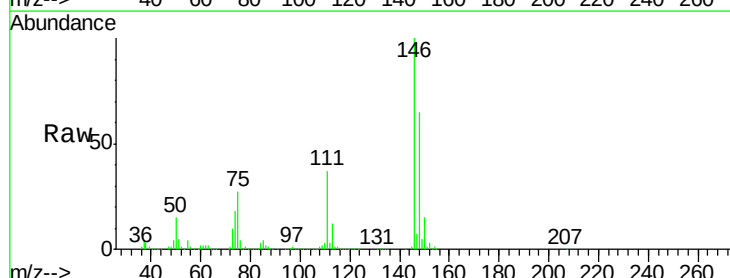
Manual Integrations
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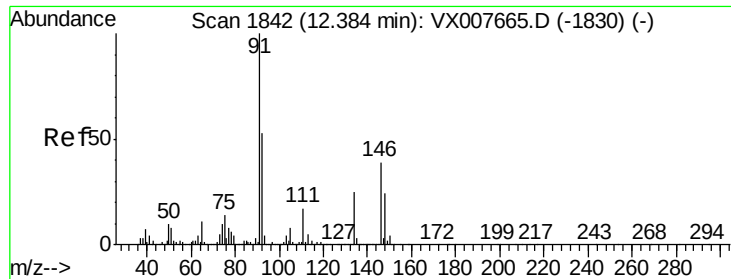
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#88
 1,4-Dichlorobenzene
 Concen: 46.060 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.7	32.3	96.9





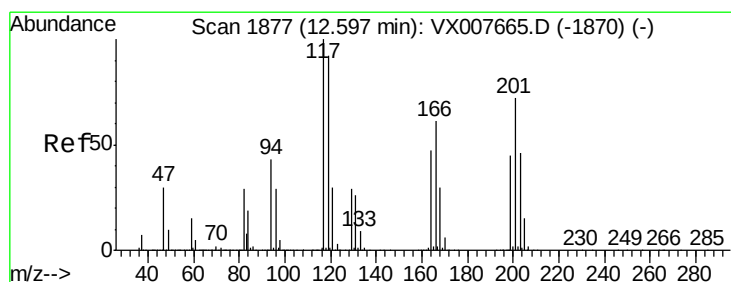
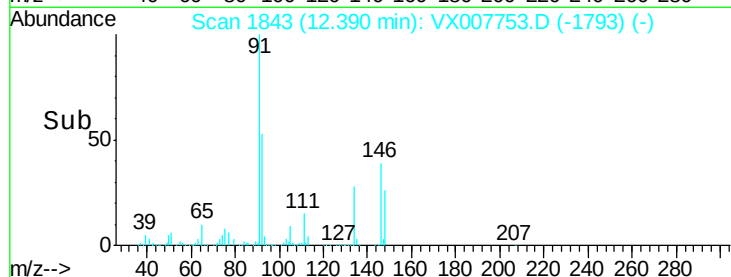
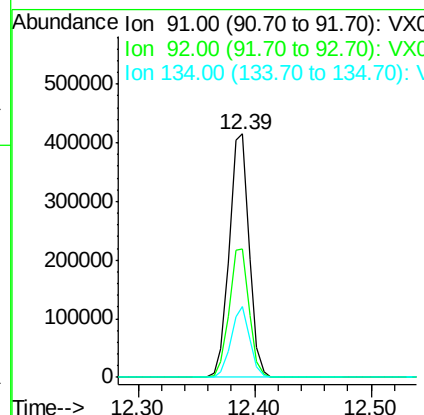
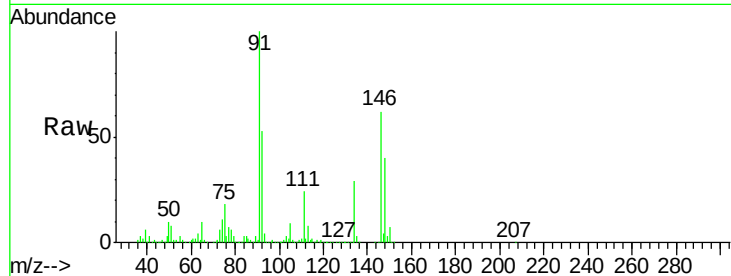
#89
n-Butylbenzene
Concen: 44.608 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.3	78.9
134	27.4	13.9	41.6

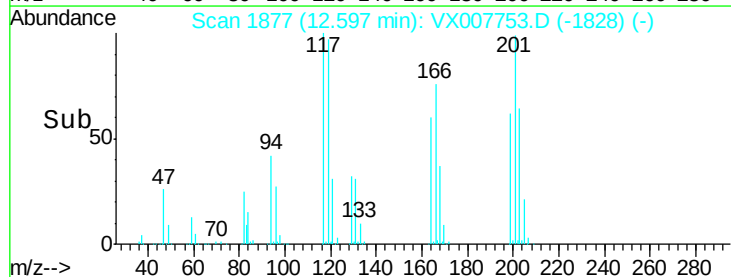
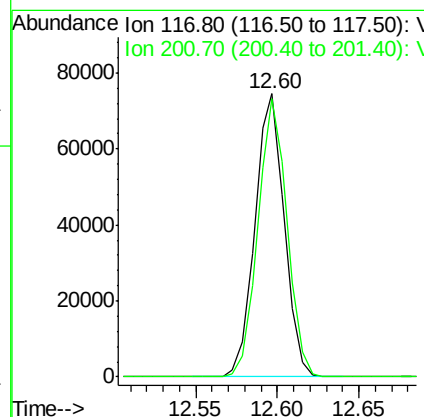
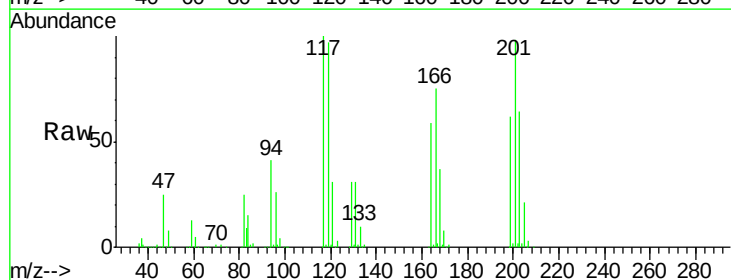
Manual Integrations
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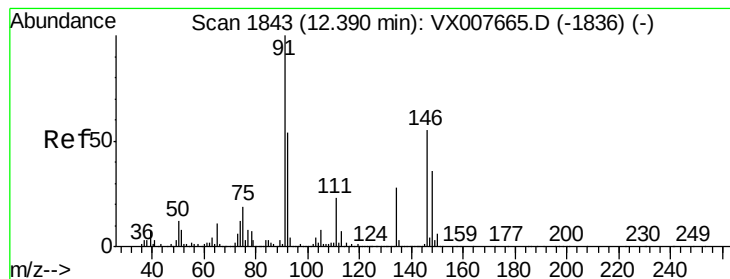
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#90
Hexachloroethane
Concen: 44.884 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.6	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 47.282 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

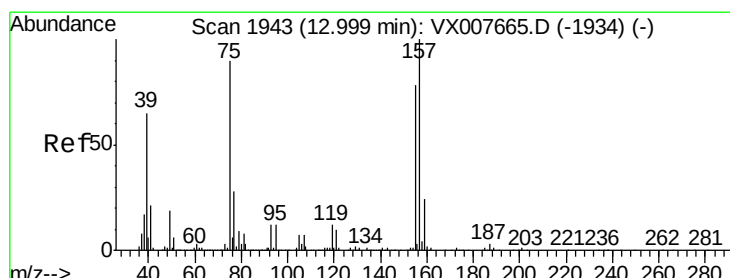
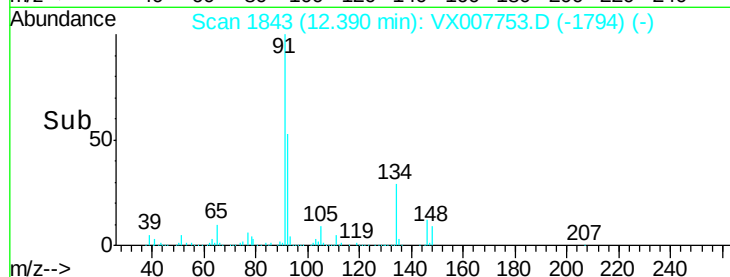
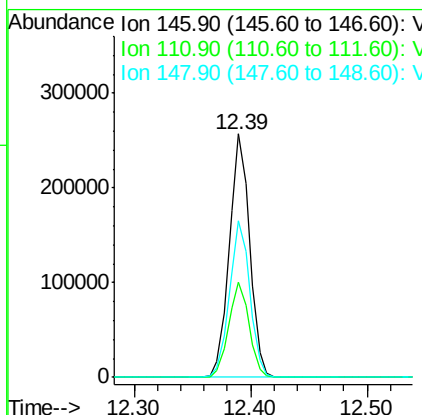
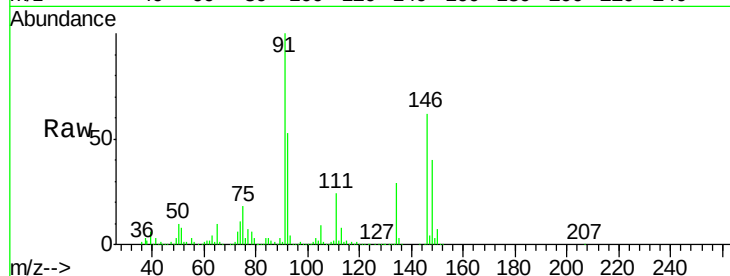
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	312423
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.1	57.3
148	64.3	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.877 ug/l

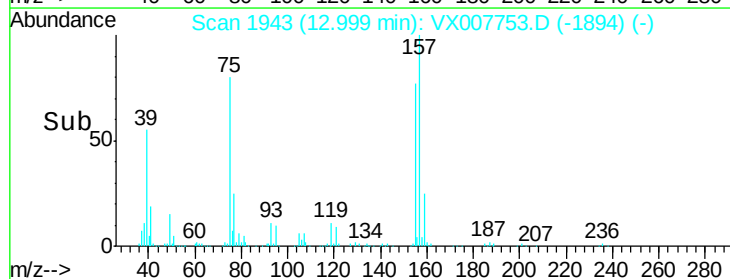
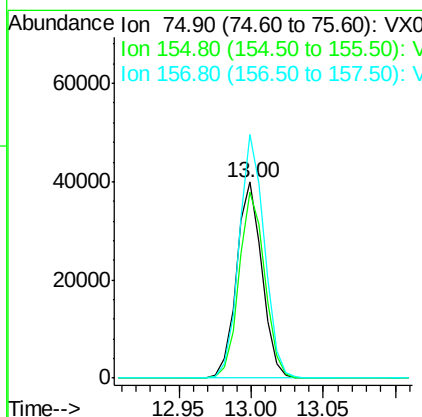
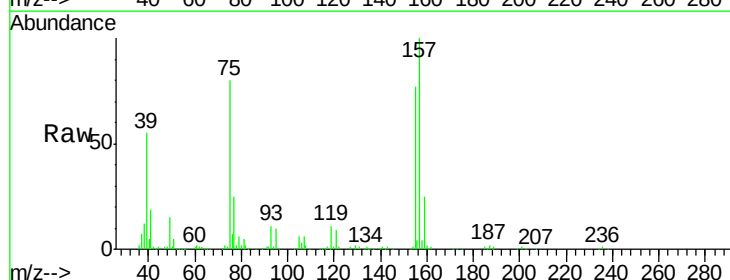
RT: 13.00 min Scan# 1943

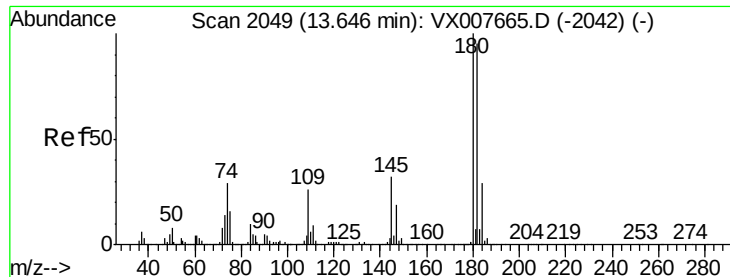
Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	75	Resp:	49074
Ion Ratio	Lower	Upper	
75	100		
155	95.5	49.6	149.0
157	122.9	65.1	195.3





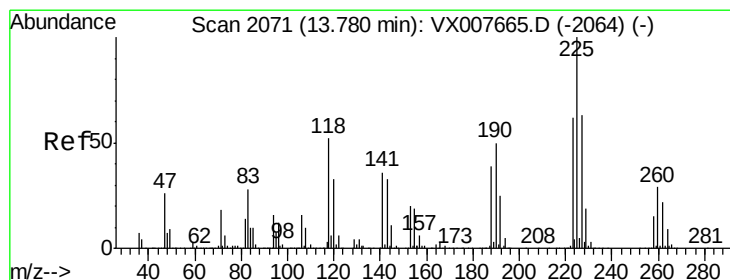
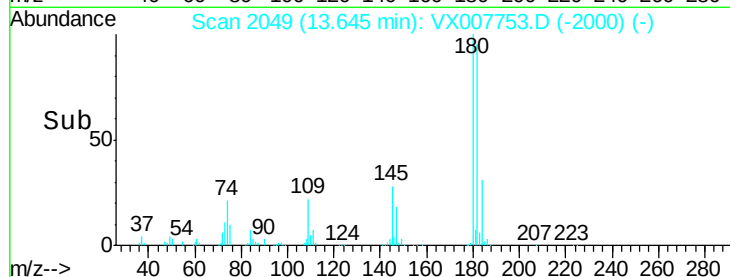
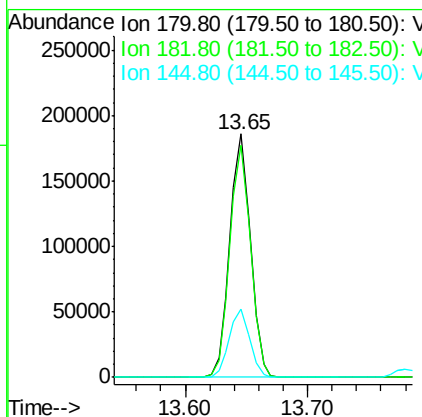
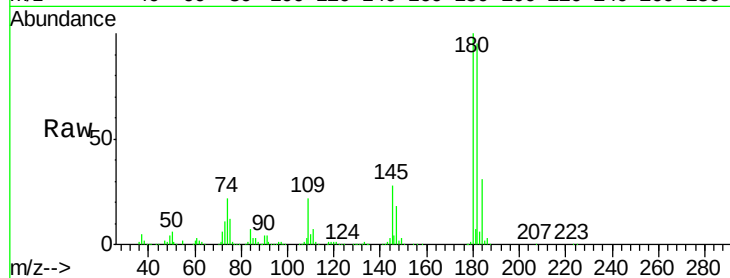
#93
 1,2,4-Trichlorobenzene
 Concen: 53.646 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	216375		
182	96.1	47.8	143.3	
145	28.1	14.1	42.2	

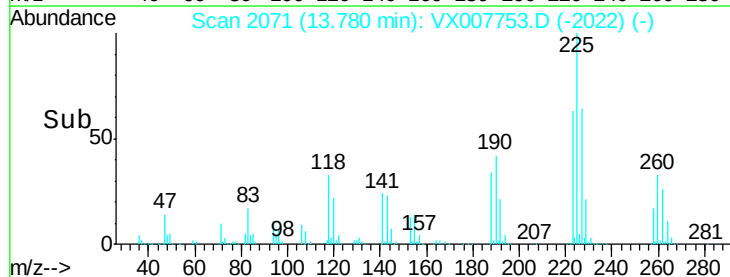
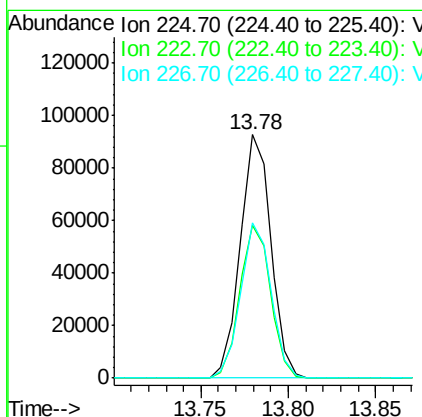
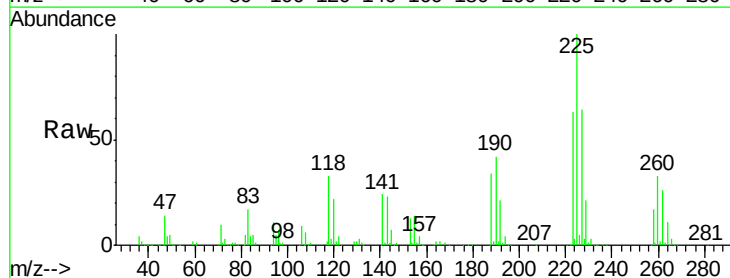
Manual Integrations
 APPROVED

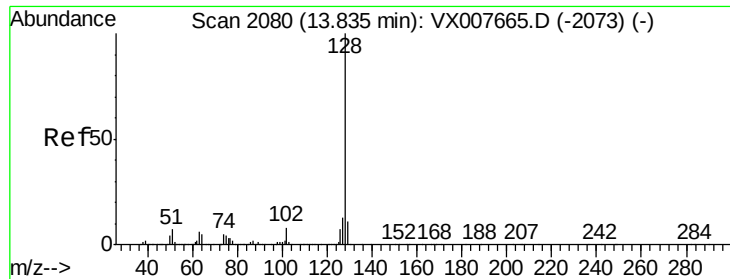
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#94
 Hexachlorobutadiene
 Concen: 61.286 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	113081		
223	62.9	31.6	94.8	
227	63.4	32.1	96.3	





#95

Naphthalene

Concen: 51.651 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

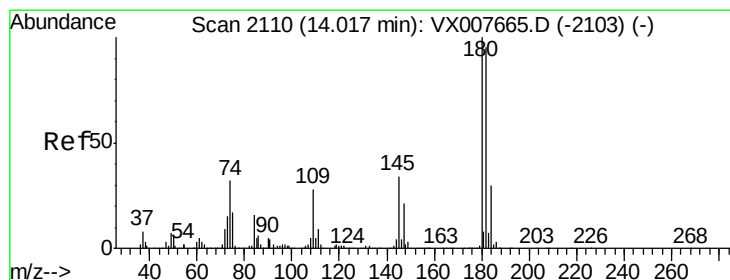
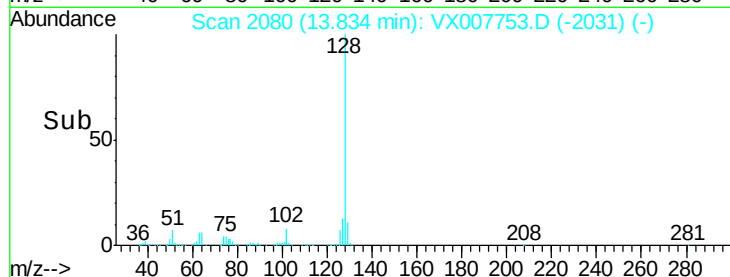
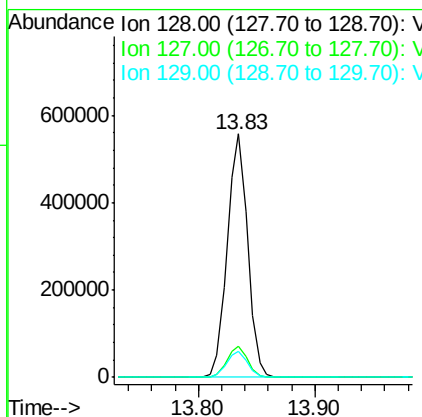
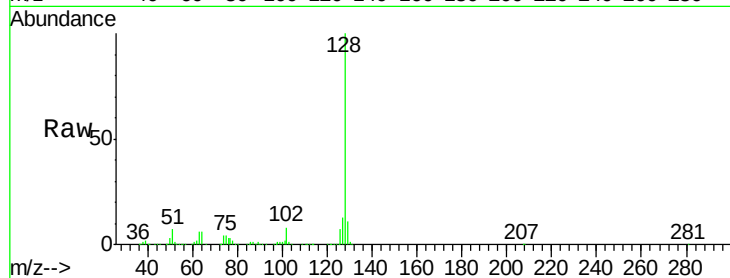
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	674957
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
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#96

1,2,3-Trichlorobenzene

Concen: 54.489 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	180	Resp:	220674
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.5	142.6
145	29.8	14.9	44.5

