

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007778.D
 Acq On : 28 Feb 2019 20:25
 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
 3/1/2019 10:04:47 AM

Quant Time: Mar 01 03:15:57 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	293029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	432356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	386292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198418	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	165952	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
35) Dibromofluoromethane	5.50	113	141039	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	527754	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.13	95	189278	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	120922	44.796	ug/l	99
3) Chloromethane	1.33	50	140584	46.998	ug/l	99
4) Vinyl Chloride	1.41	62	146705	47.803	ug/l	99
5) Bromomethane	1.64	94	83264	42.852	ug/l	98
6) Chloroethane	1.72	64	94614	48.255	ug/l	99
7) Trichlorofluoromethane	1.93	101	206872	43.971	ug/l	98
8) Diethyl Ether	2.19	74	87994	45.573	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121517	42.734	ug/l	99
10) Methyl Iodide	2.51	142	181348	51.217	ug/l	100
11) Tert butyl alcohol	3.07	59	162903	236.543	ug/l	99
12) 1,1-Dichloroethene	2.38	96	118407	46.195	ug/l	97
13) Acrolein	2.30	56	124278	203.078	ug/l	100
14) Allyl chloride	2.73	41	244686	51.628	ug/l	93
15) Acrylonitrile	3.15	53	407417	251.387	ug/l	100
16) Acetone	2.45	43	354393	219.557	ug/l	98
17) Carbon Disulfide	2.57	76	325691	45.673	ug/l	99
18) Methyl Acetate	2.78	43	191467	54.360	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	428182	47.971	ug/l	98
20) Methylene Chloride	2.86	84	134745	45.209	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	126467	45.385	ug/l	93
22) Diisopropyl ether	3.87	45	502341	50.916	ug/l	95
23) Vinyl Acetate	3.82	43	2172965	251.035	ug/l	97
24) 1,1-Dichloroethane	3.70	63	260739	48.627	ug/l	98
25) 2-Butanone	4.70	43	610177	248.167	ug/l	95
26) 2,2-Dichloropropane	4.59	77	175514	41.007	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	158823	44.794	ug/l	93
28) Bromochloromethane	5.02	49	125794	48.190	ug/l	86
29) Tetrahydrofuran	5.15	42	407329	251.323	ug/l	93
30) Chloroform	5.21	83	258733	45.047	ug/l	99
31) Cyclohexane	5.58	56	237081	47.005	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	221117	46.550	ug/l	98
36) 1,1-Dichloropropene	5.80	75	194365	50.003	ug/l	97
37) Ethyl Acetate	4.85	43	233116	53.989	ug/l	100
38) Carbon Tetrachloride	5.78	117	192825	49.384	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	234700	47.775	ug/l	94
40) Benzene	6.14	78	596666	49.726	ug/l	99
41) Methacrylonitrile	5.06	41	131657	57.102	ug/l	94
42) 1,2-Dichloroethane	6.20	62	205305	50.906	ug/l	100
43) Isopropyl Acetate	6.46	43	362297	54.518	ug/l	99
44) Trichloroethene	7.21	130	162113	49.113	ug/l	95
45) 1,2-Dichloropropane	7.51	63	159909	51.447	ug/l	99
46) Dibromomethane	7.66	93	100698	46.438	ug/l	99
47) Bromodichloromethane	7.90	83	191057	50.843	ug/l	98
48) Methyl methacrylate	7.77	41	194669	55.884	ug/l	91
49) 1,4-Dioxane	7.75	88	70006	930.485	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	1183645	266.089	ug/l	99
52) Toluene	8.79	92	370949	49.026	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	212409	45.721	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	234648	51.456	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	152818	48.433	ug/l	99
56) Ethyl methacrylate	9.18	69	237254	52.876	ug/l	94
57) 1,3-Dichloropropane	9.37	76	256654	50.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	638910	258.214	ug/l	97
59) 2-Hexanone	9.49	43	884043	253.139	ug/l	100
60) Dibromochloromethane	9.58	129	158133	52.085	ug/l	98
61) 1,2-Dibromoethane	9.67	107	161815	49.395	ug/l	99
64) Tetrachloroethene	9.34	164	165077	52.640	ug/l	98
65) Chlorobenzene	10.14	112	409892	49.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	151823	52.096	ug/l	100
67) Ethyl Benzene	10.25	91	697314	50.384	ug/l	99
68) m/p-Xylenes	10.36	106	536032	99.556	ug/l	98
69) o-Xylene	10.70	106	260597	50.318	ug/l	96
70) Styrene	10.71	104	430843	50.612	ug/l	99
71) Bromoform	10.85	173	123527	56.524	ug/l	99
73) Isopropylbenzene	11.02	105	697226	49.166	ug/l	100
74) N-amyl acetate	10.90	43	316093	51.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	222264	45.315	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	188720m	44.621	ug/l	
77) Bromobenzene	11.26	156	185645	52.192	ug/l	94
78) n-propylbenzene	11.36	91	778074	48.554	ug/l	99
79) 2-Chlorotoluene	11.42	91	460939	47.771	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	573761	49.187	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	66987	42.898	ug/l	94
82) 4-Chlorotoluene	11.51	91	533186	47.236	ug/l	98
83) tert-Butylbenzene	11.77	119	566428	50.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	584830	49.014	ug/l	98
85) sec-Butylbenzene	11.94	105	690671	49.212	ug/l	99
86) p-Isopropyltoluene	12.06	119	619776	50.425	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	327082	49.575	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	327941	48.533	ug/l	99
89) n-Butylbenzene	12.38	91	521765	47.600	ug/l	99
90) Hexachloroethane	12.60	117	99540	48.065	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	325317	49.279	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48752	45.618	ug/l	96

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VSTDCCC050EC

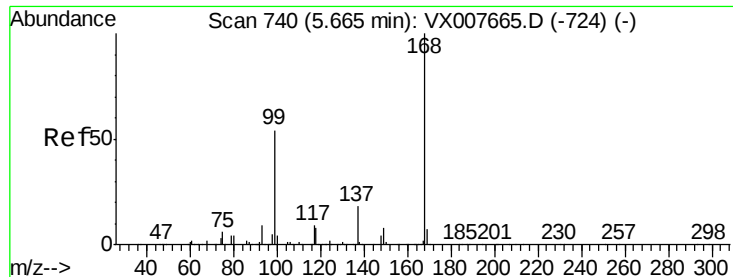
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	230229	57.134	ug/l	100
94) Hexachlorobutadiene	13.78	225	118845	64.470	ug/l	99
95) Naphthalene	13.83	128	683283	52.337	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	229733	56.778	ug/l	100

(#) = 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: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 293029

Ion Ratio Lower Upper

168 100

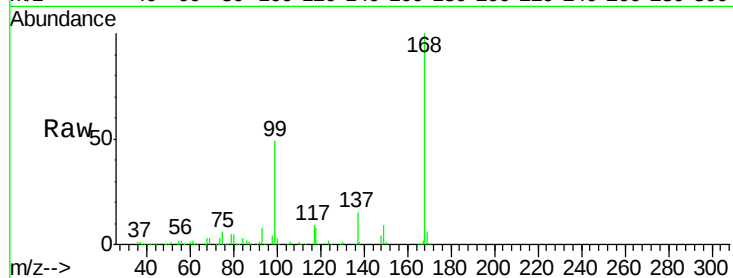
99 49.2 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

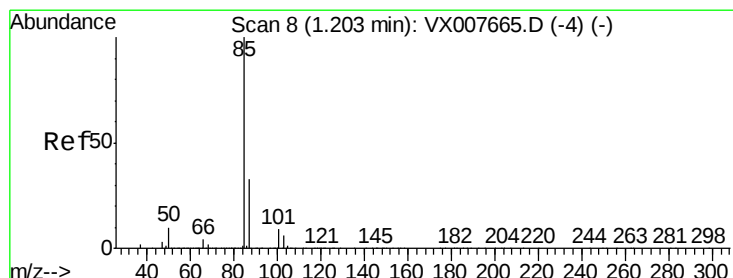
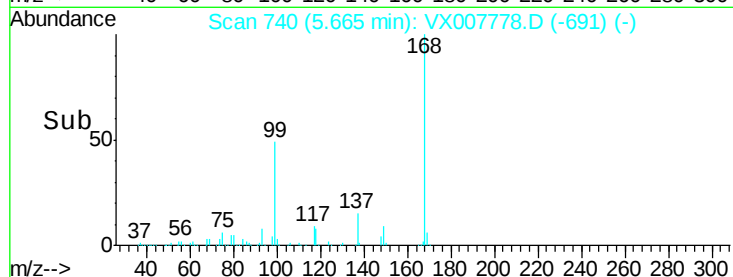
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.796 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007778.D

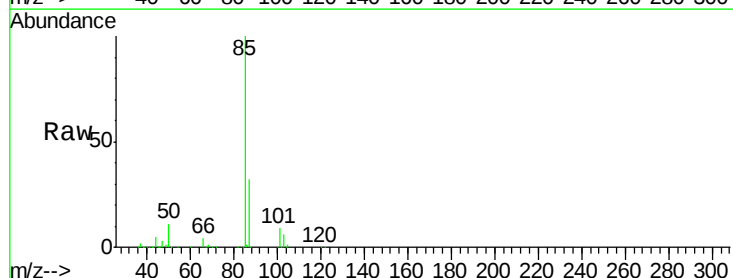
Acq: 28 Feb 2019 20:25

Tgt Ion: 85 Resp: 120922

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

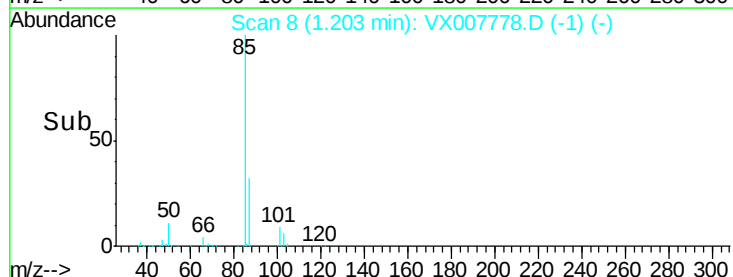
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.998 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 140584

Ion Ratio Lower Upper

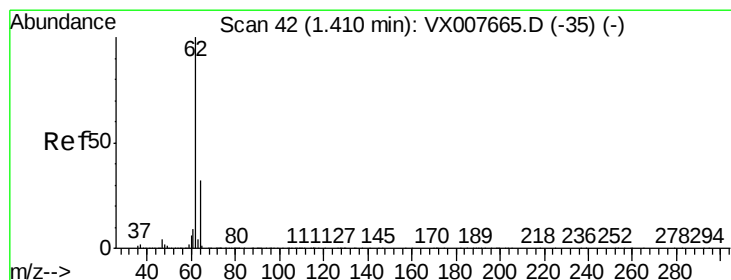
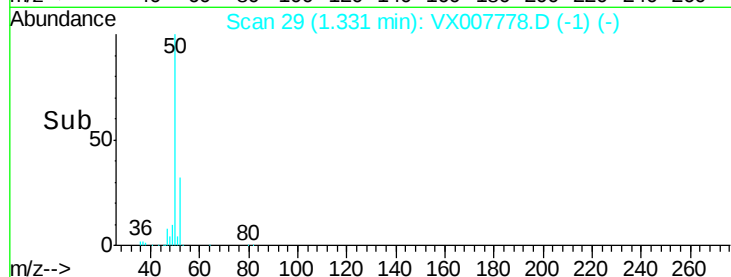
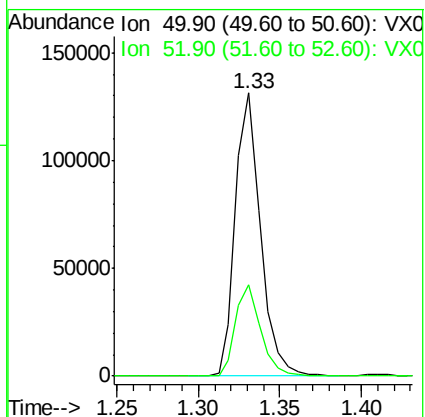
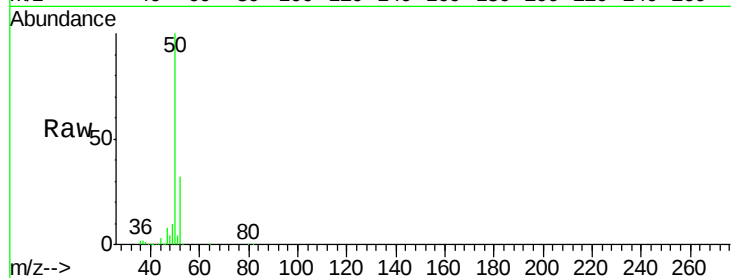
50 100

52 32.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 47.803 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007778.D

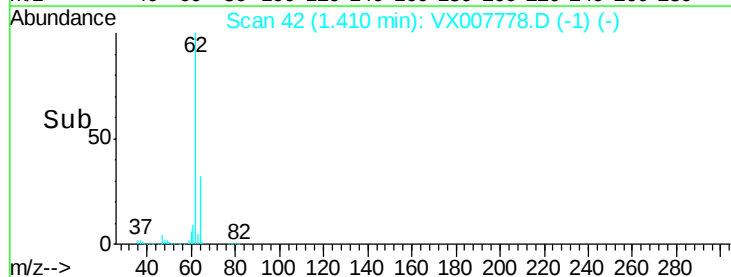
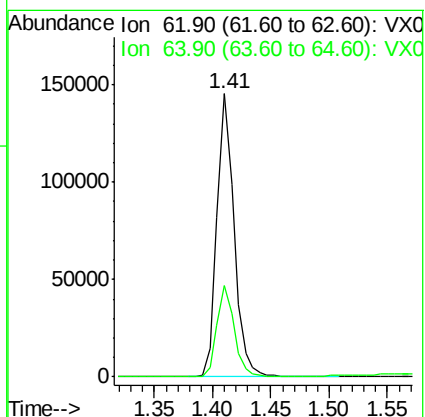
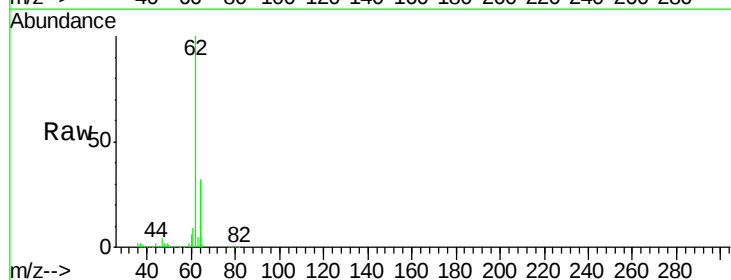
Acq: 28 Feb 2019 20:25

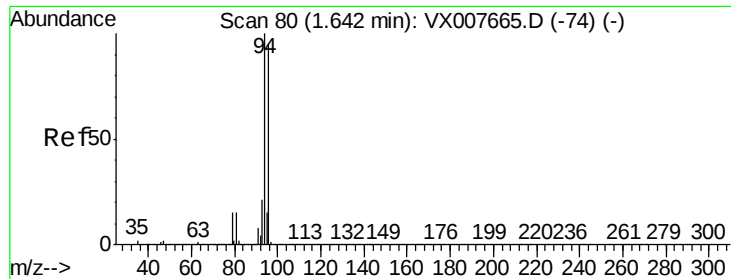
Tgt Ion: 62 Resp: 146705

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 42.852 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 83264

Ion Ratio Lower Upper

94 100

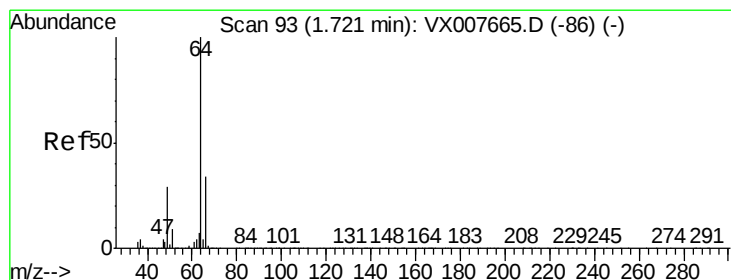
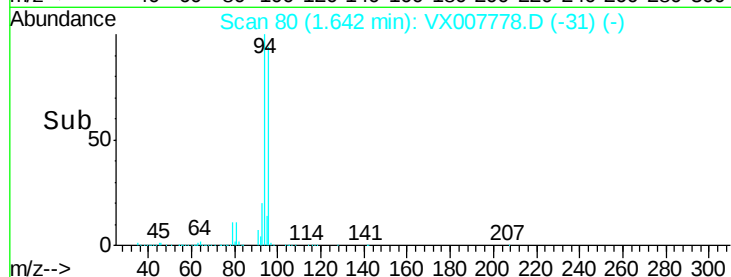
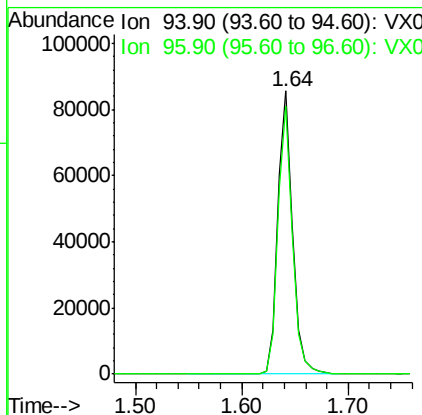
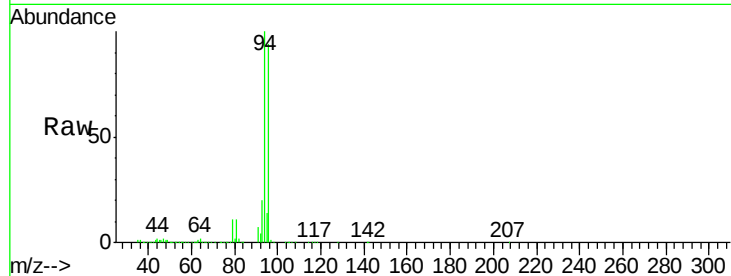
96 94.5 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 48.255 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007778.D

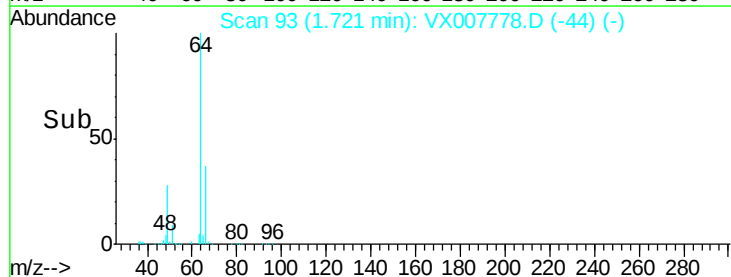
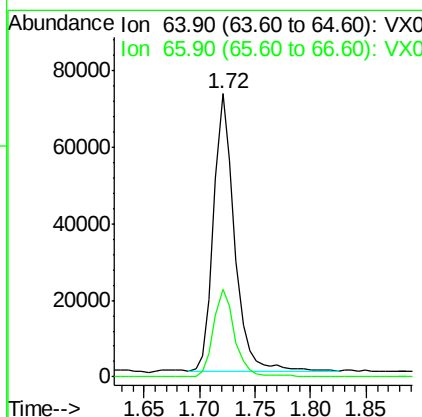
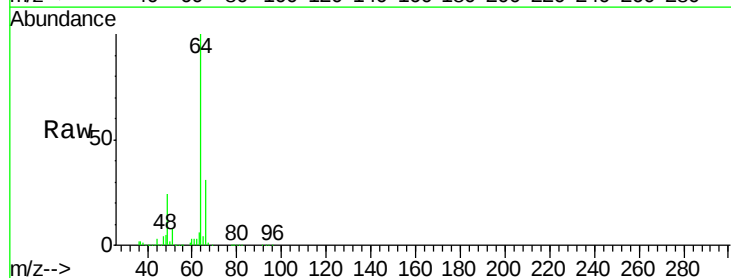
Acq: 28 Feb 2019 20:25

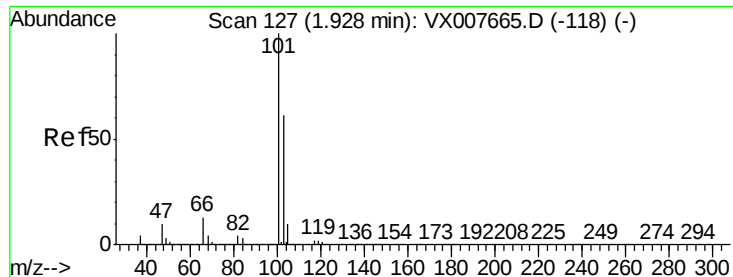
Tgt Ion: 64 Resp: 94614

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

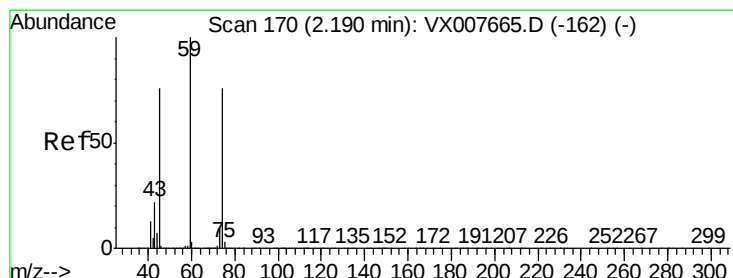
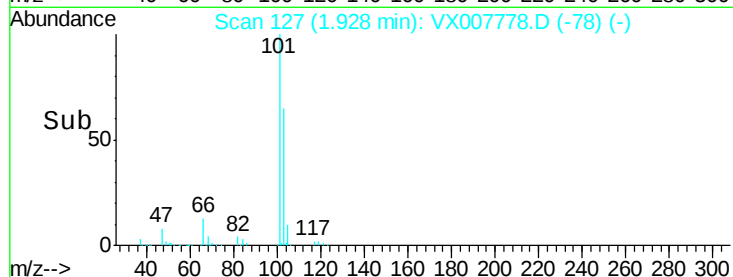
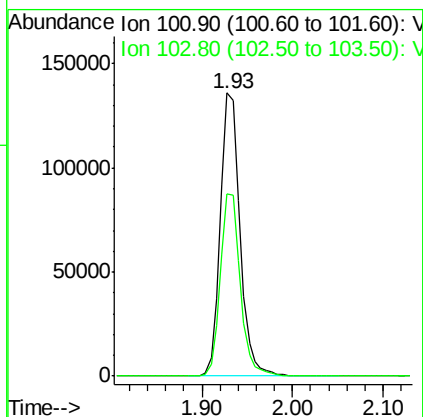
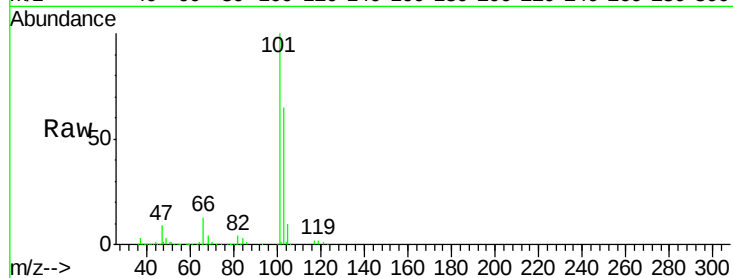
Trichlorofluoromethane
Concen: 43.971 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.6	79.0

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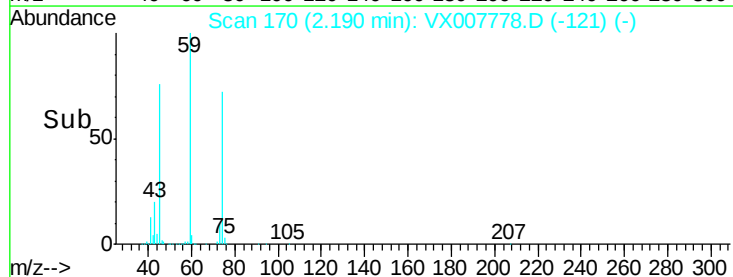
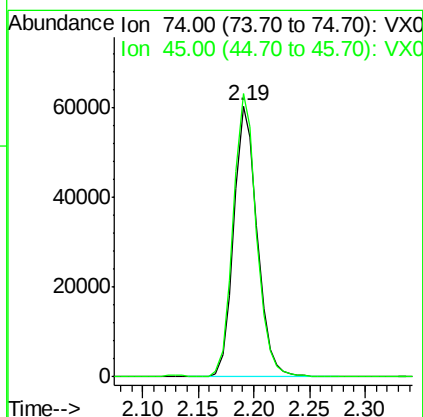
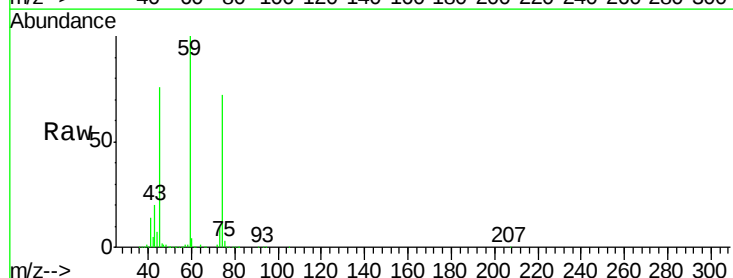
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3/1/2019 10:04:47 AM



#8

Diethyl Ether
Concen: 45.573 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.3	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.734 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

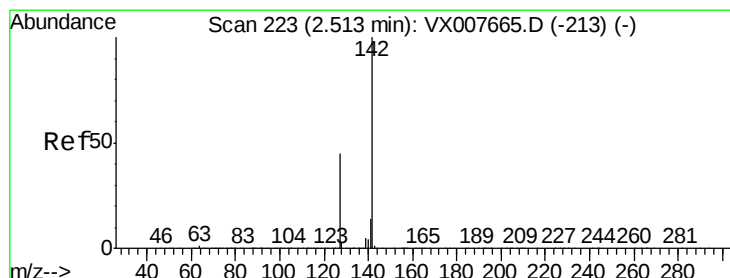
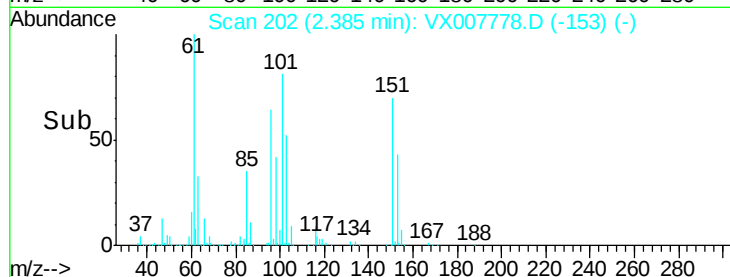
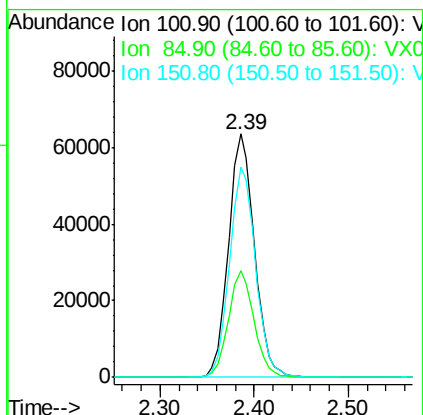
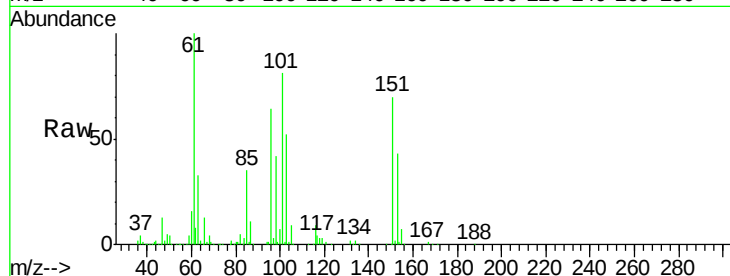
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	121517
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.1	51.1
151	86.9	69.9	104.9

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#10

Methyl Iodide

Concen: 51.217 ug/l

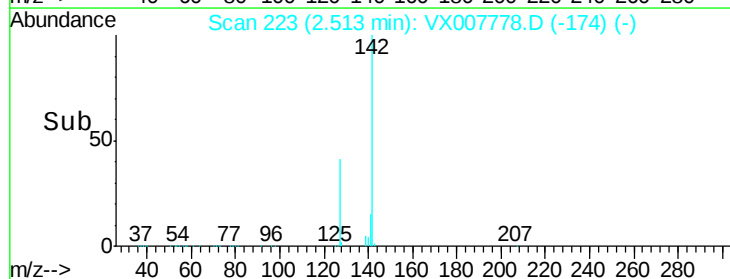
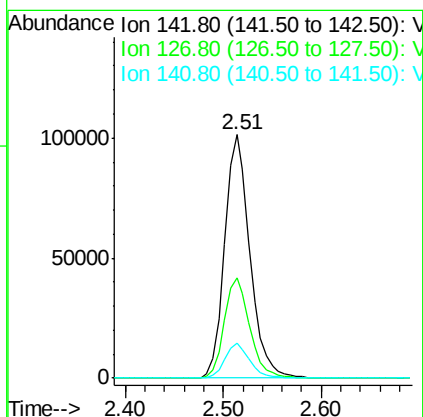
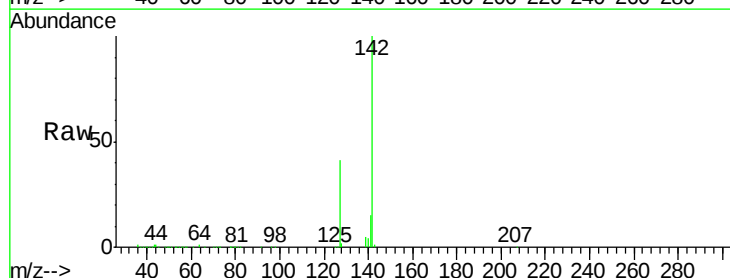
RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion:	142	Resp:	181348
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.7	50.5
141	14.2	11.3	16.9





#11

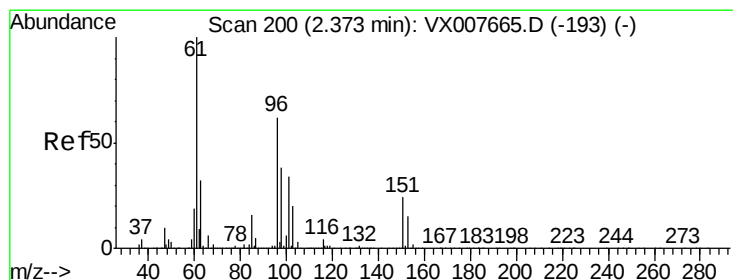
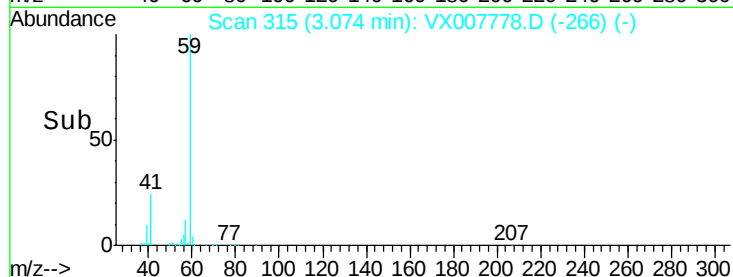
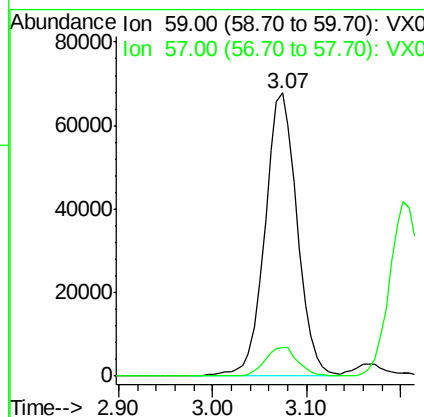
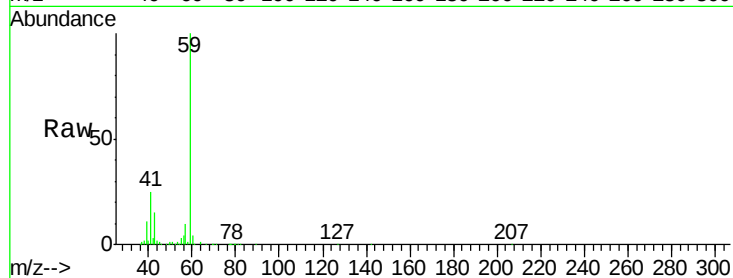
Tert butyl alcohol
Concen: 236.543 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1

Manual Integrations
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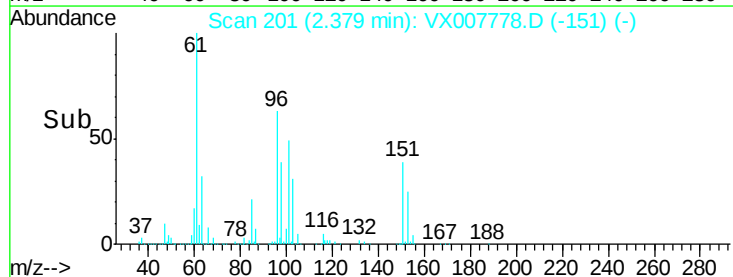
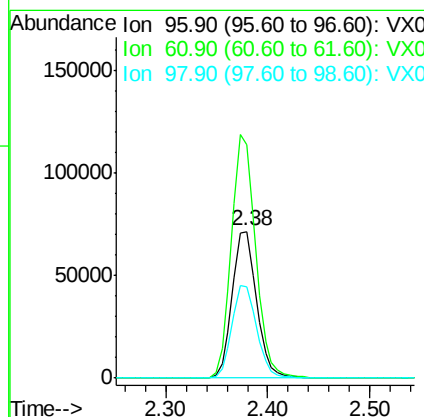
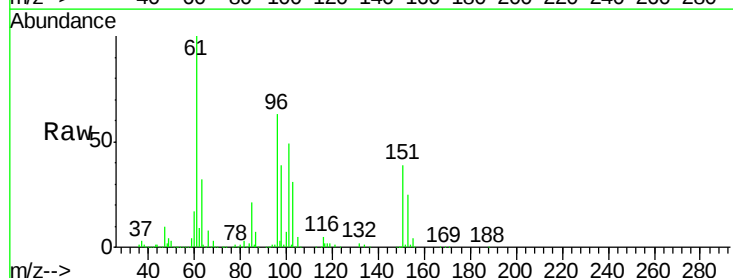
MMDadoda
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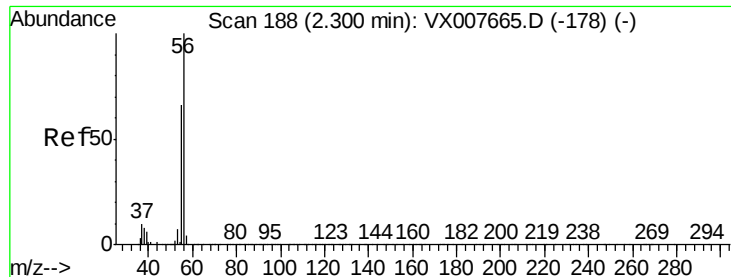


#12

1,1-Dichloroethene
Concen: 46.195 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	123.0	184.4
98	62.3	50.9	76.3





#13

Acrolein

Concen: 203.078 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 124278

Ion Ratio Lower Upper

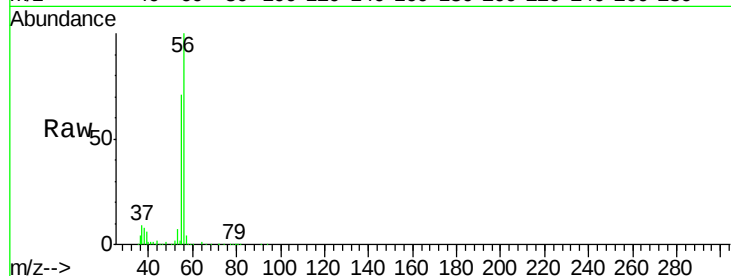
56 100

55 71.5 56.9 85.3

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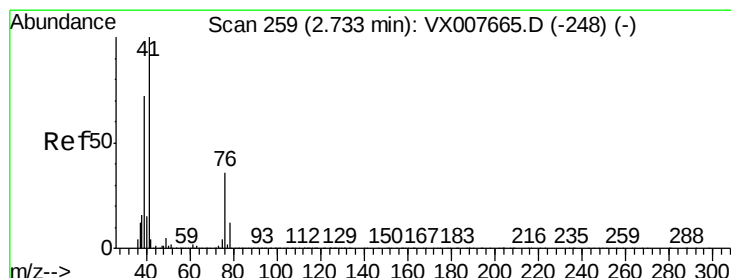
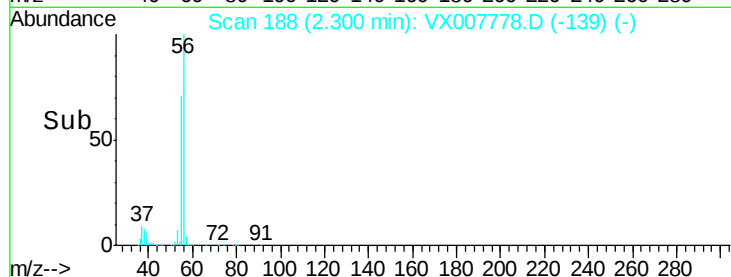
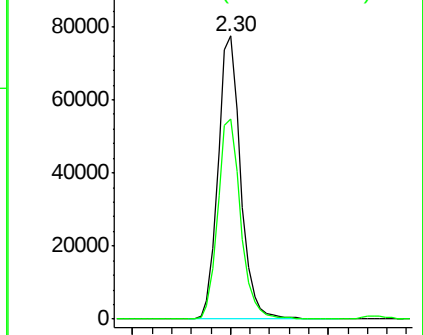
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.628 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

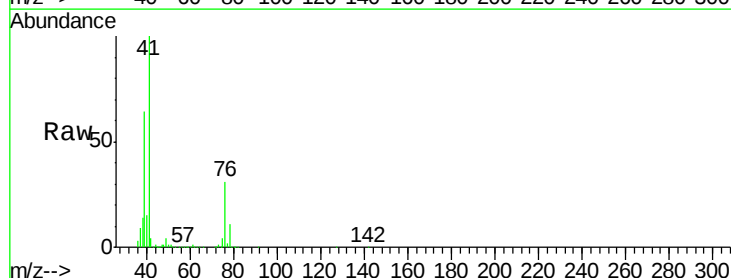
Tgt Ion: 41 Resp: 244686

Ion Ratio Lower Upper

41 100

39 62.7 54.1 81.1

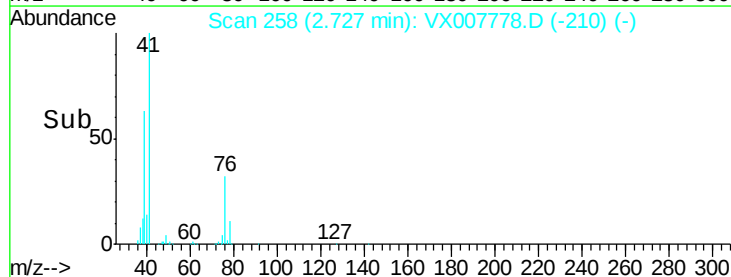
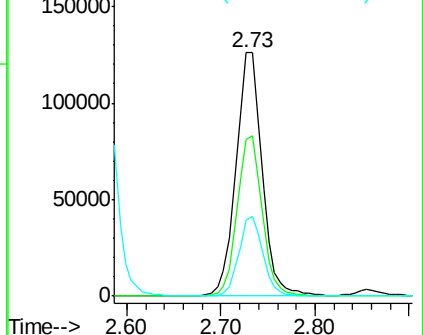
76 30.4 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 251.387 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

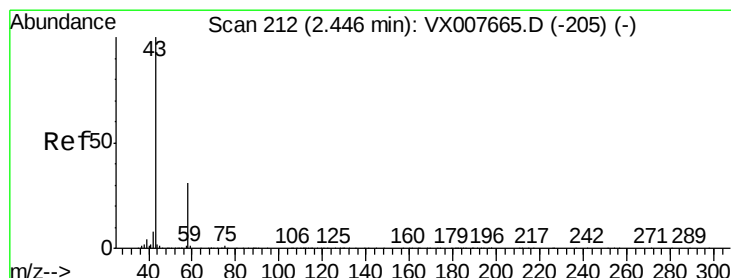
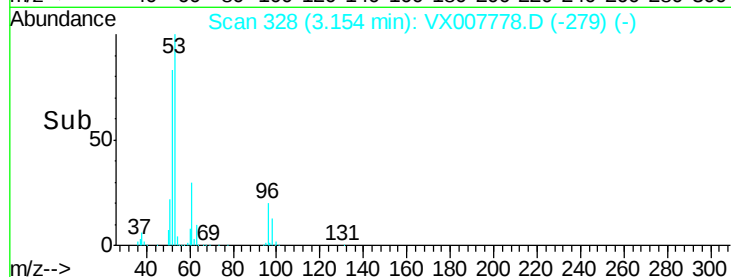
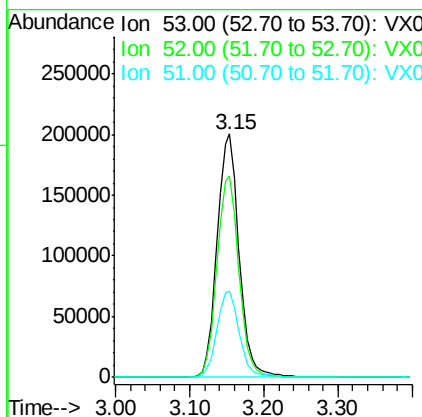
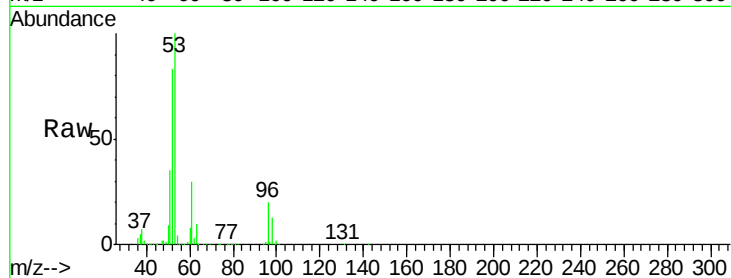
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	407417
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.4	99.6
51	35.9	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 219.557 ug/l

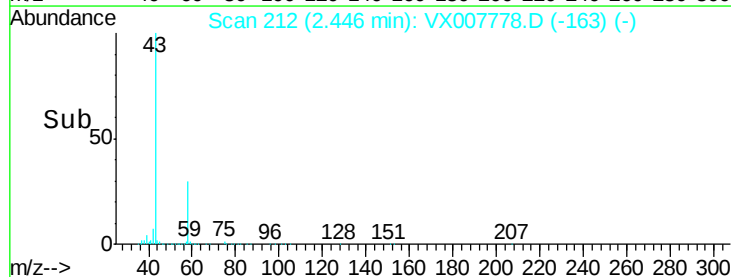
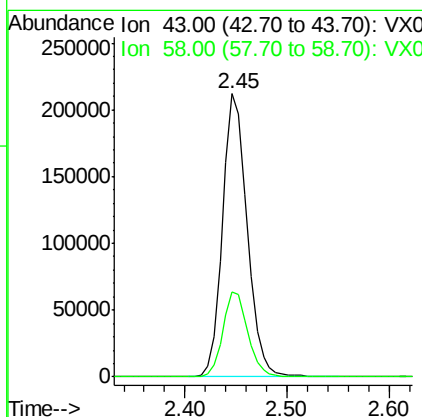
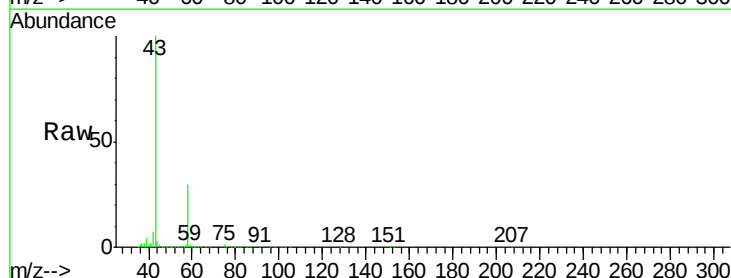
RT: 2.45 min Scan# 212

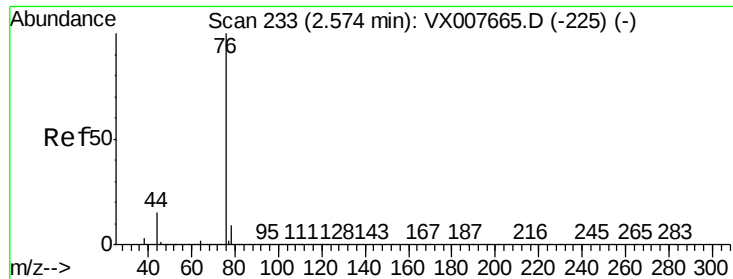
Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion:	43	Resp:	354393
Ion Ratio		Lower	Upper
43	100		
58	30.1	24.9	37.3





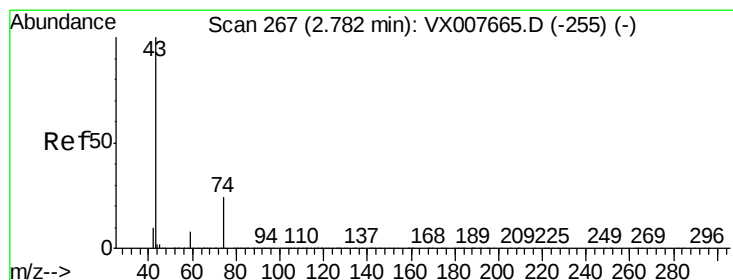
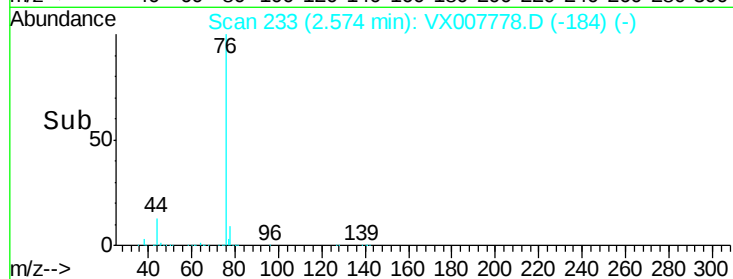
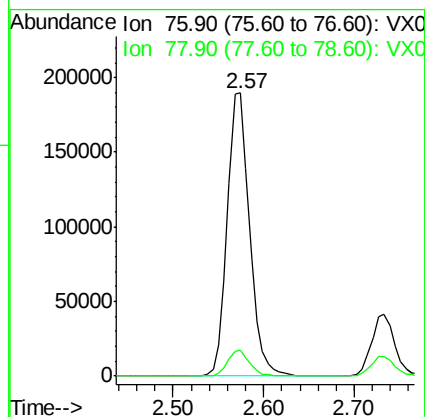
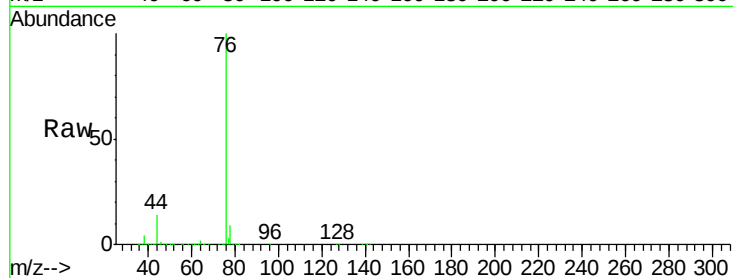
#17
Carbon Disulfide
Concen: 45.673 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

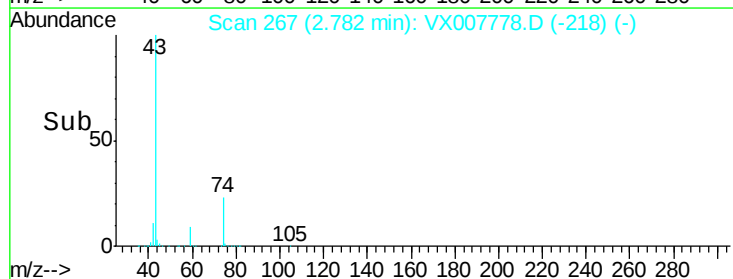
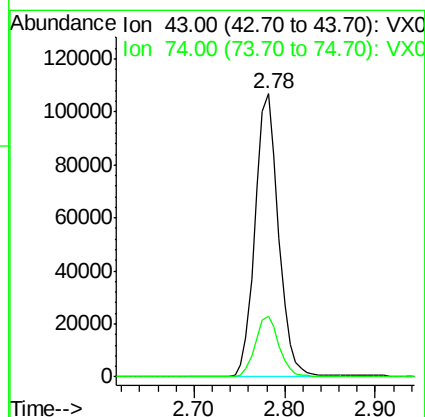
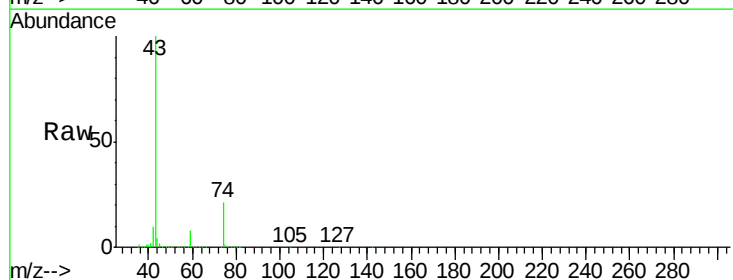
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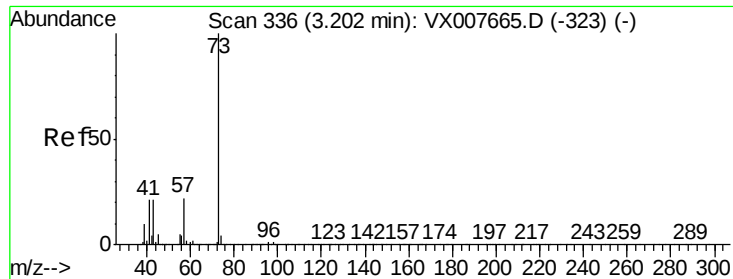
MMDadoda
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#18
Methyl Acetate
Concen: 54.360 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	19.4	29.2





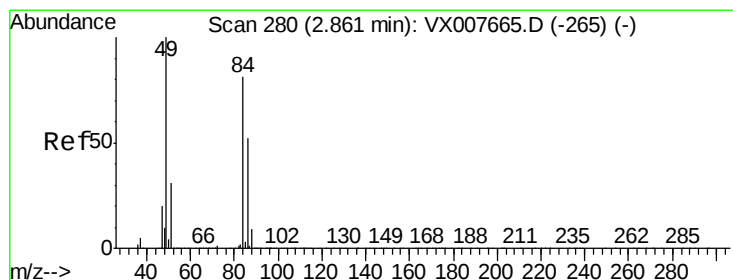
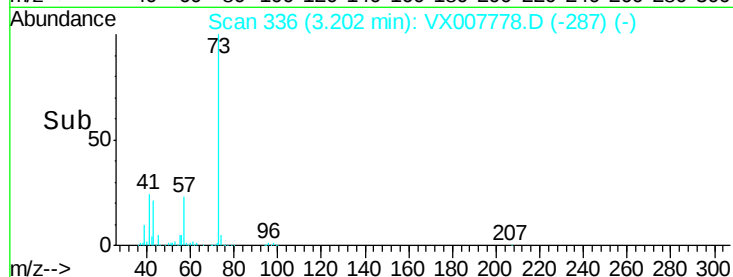
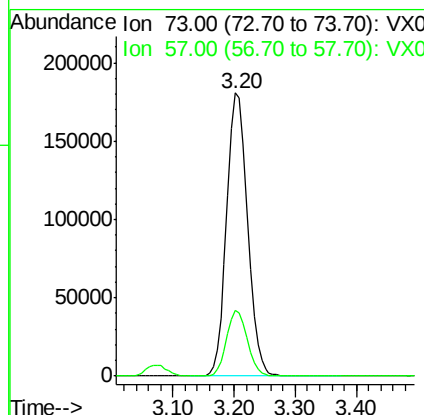
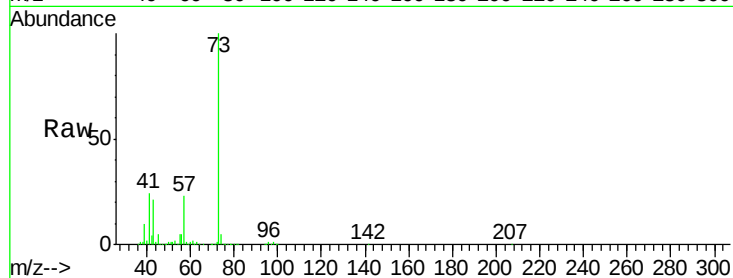
#19
Methvl tert-butvl Ether
Concen: 47.971 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.8	26.8

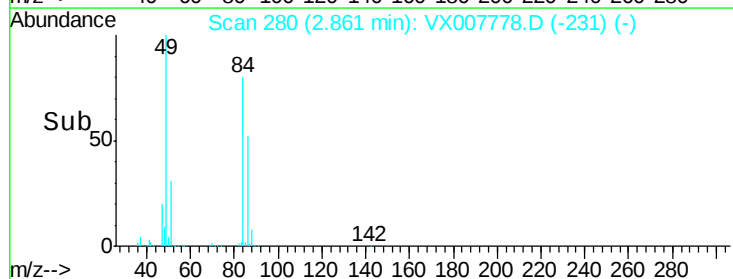
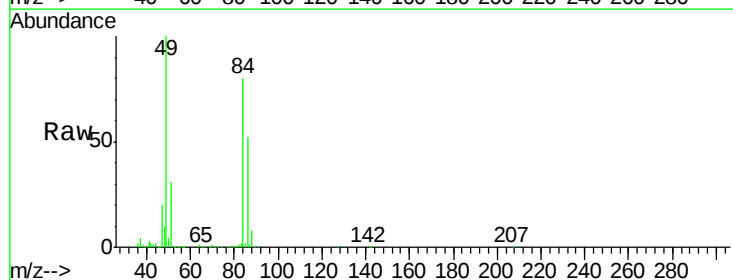
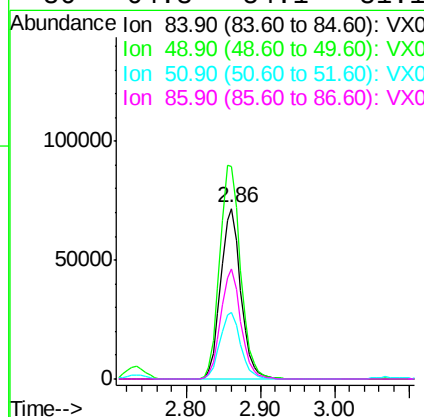
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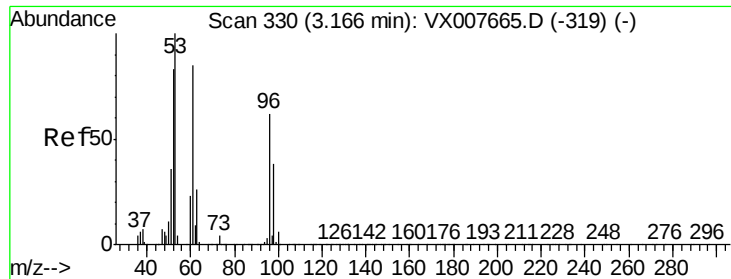
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#20
Methylene Chloride
Concen: 45.209 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.7	94.8	142.2
51	38.7	29.8	44.8
86	64.3	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 45.385 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

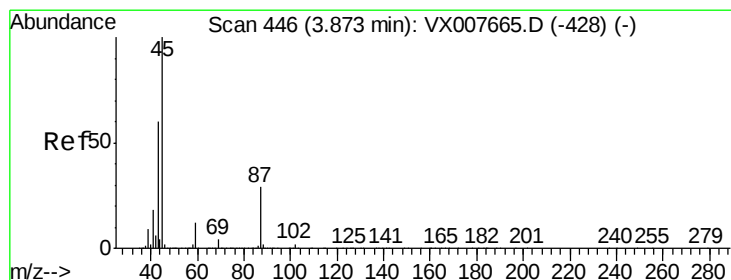
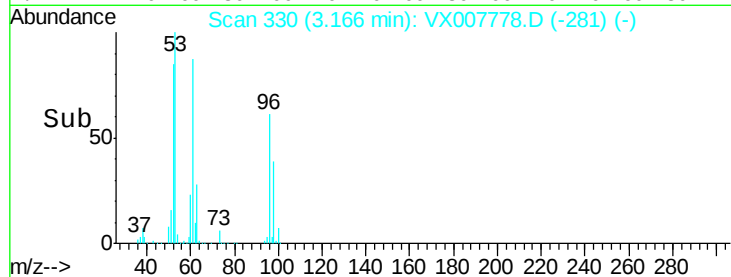
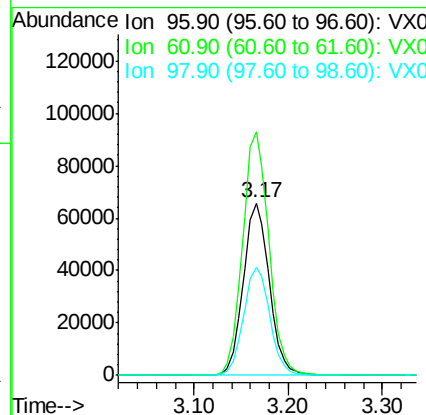
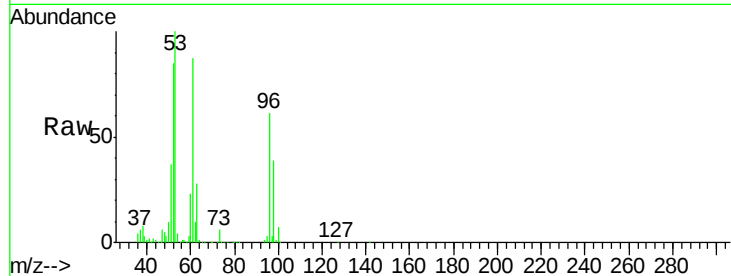
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	126467
Ion Ratio	Lower	Upper	
96	100		
61	141.5	104.6	156.8
98	62.9	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.916 ug/l

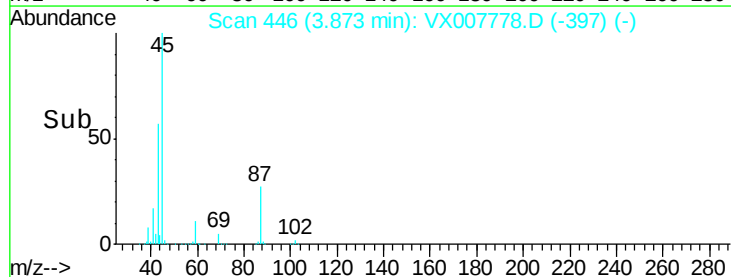
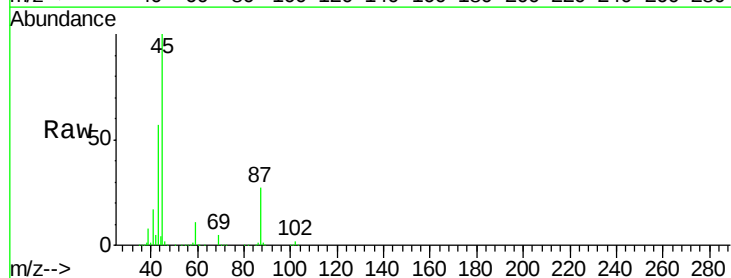
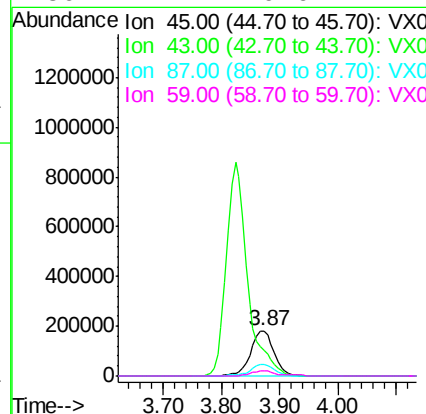
RT: 3.87 min Scan# 446

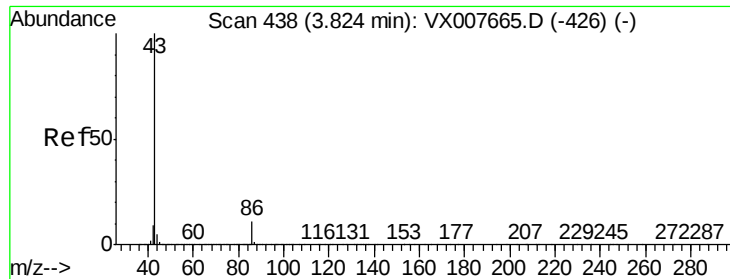
Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion:	45	Resp:	502341
Ion Ratio	Lower	Upper	
45	100		
43	56.8	48.9	73.3
87	26.9	23.9	35.9
59	11.2	9.6	14.4





#23

Vinyl Acetate

Concen: 251.035 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tot Ion: 43 Resp: 2172965

Ion Ratio Lower Upper

43 100

86 9.7 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

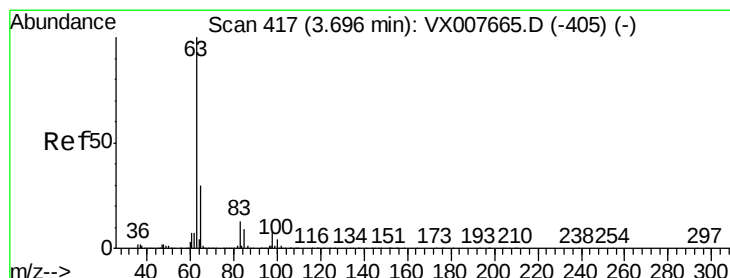
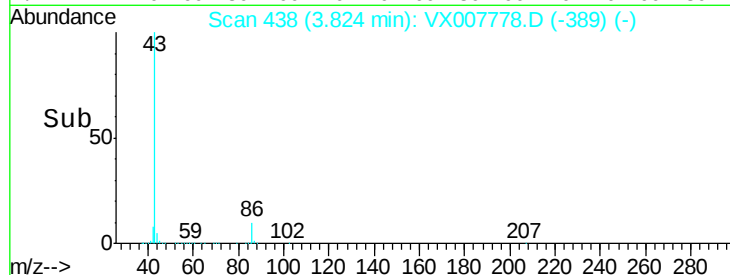
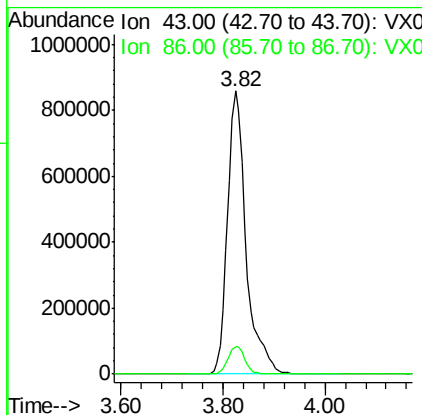
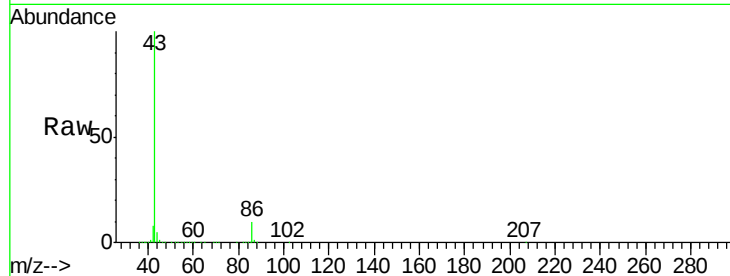
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 48.627 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

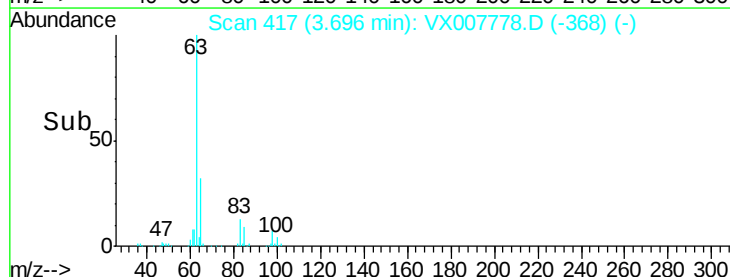
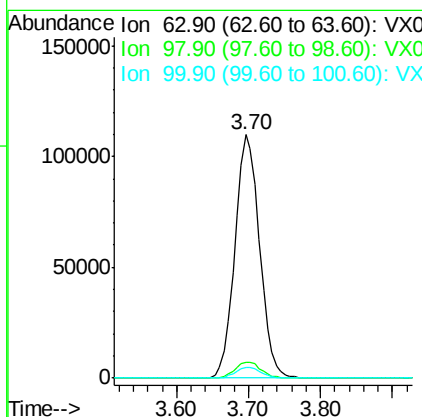
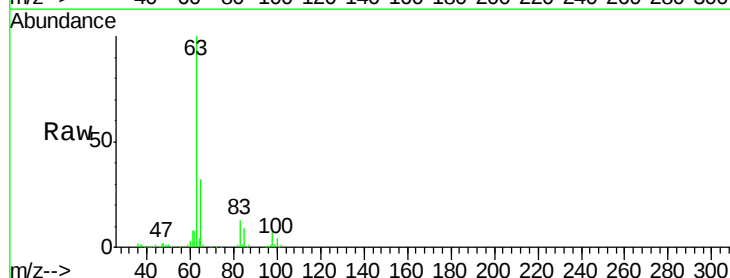
Tgt Ion: 63 Resp: 260739

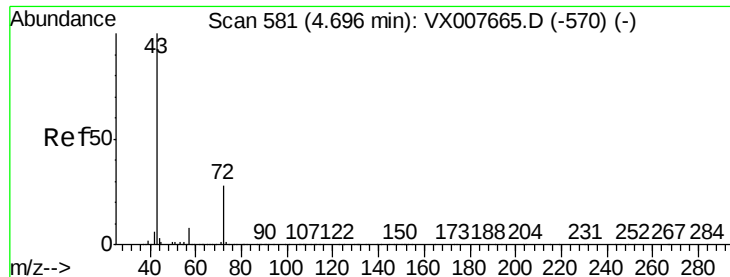
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 248.167 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 610177

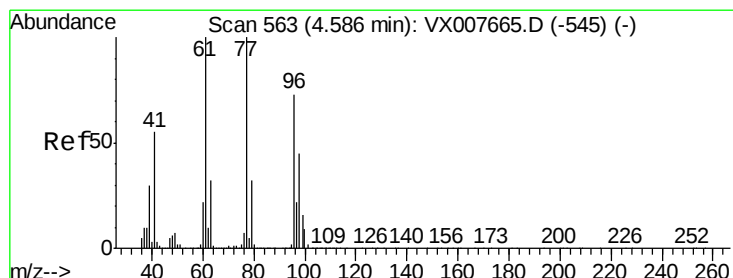
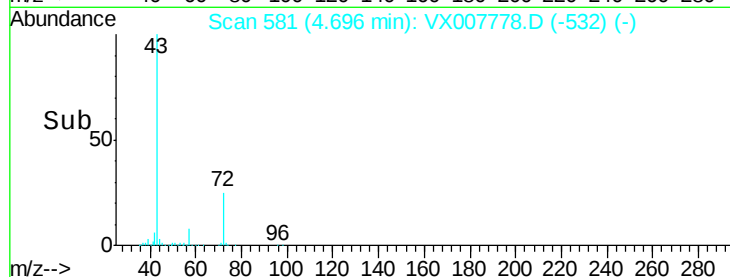
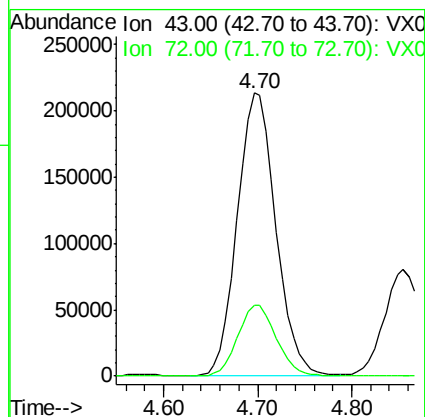
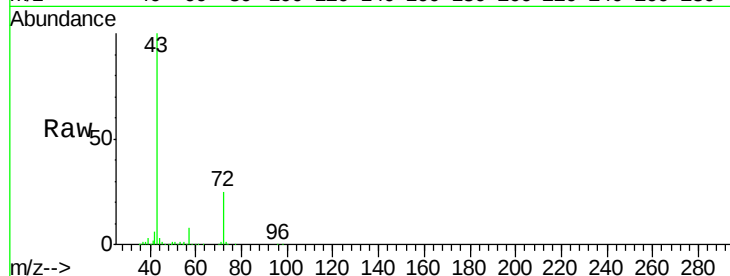
Ion Ratio Lower Upper

43 100

72 25.0 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 41.007 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007778.D

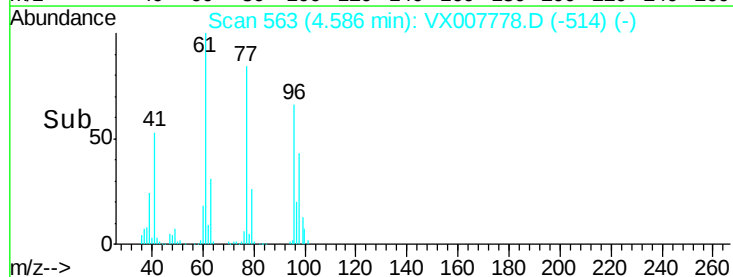
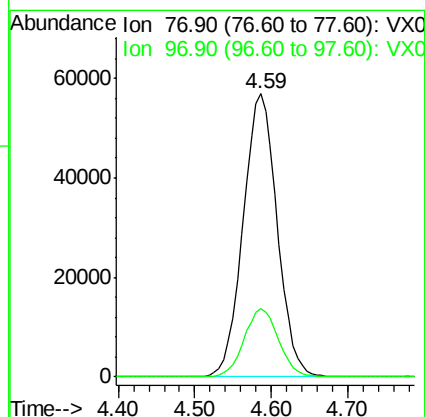
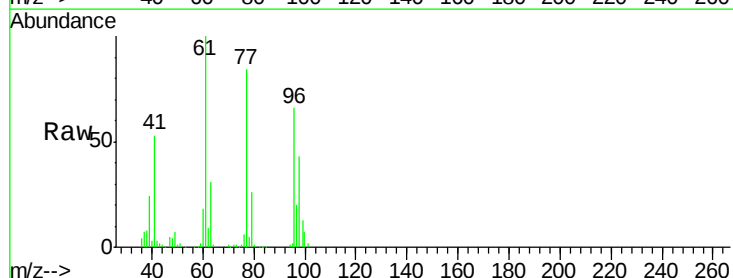
Acq: 28 Feb 2019 20:25

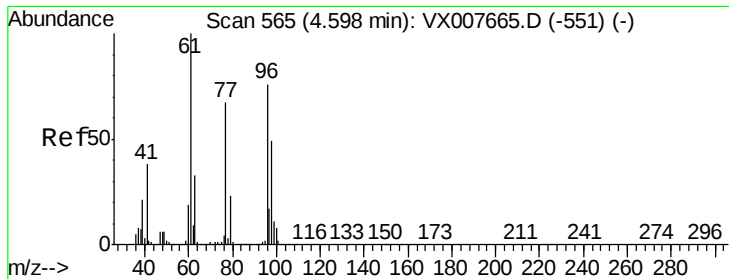
Tgt Ion: 77 Resp: 175514

Ion Ratio Lower Upper

77 100

97 24.4 12.1 36.3





#27

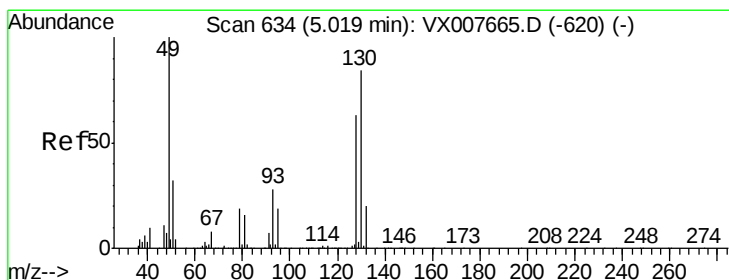
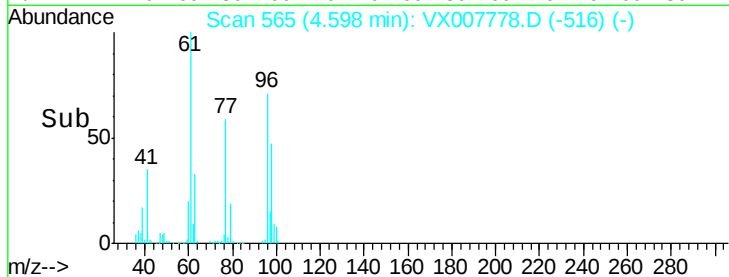
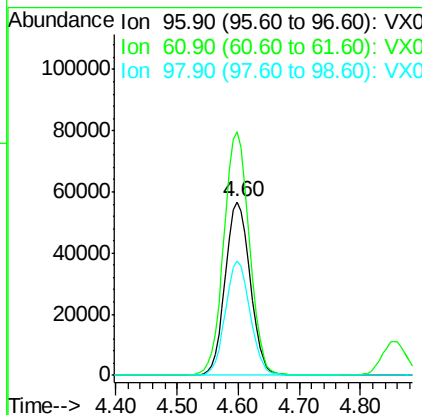
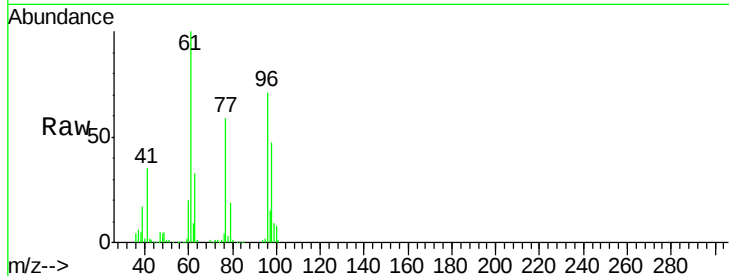
cis-1,2-Dichloroethene
Concen: 44.794 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.5	0.0	265.6	
98	65.1	0.0	131.6	

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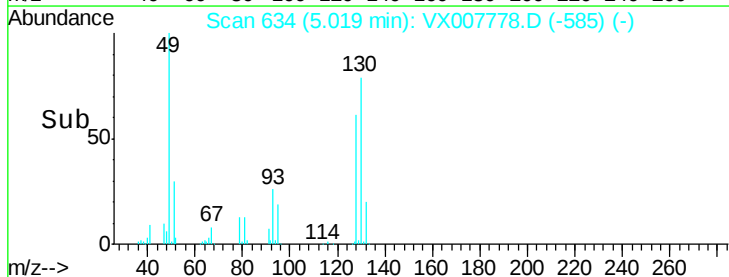
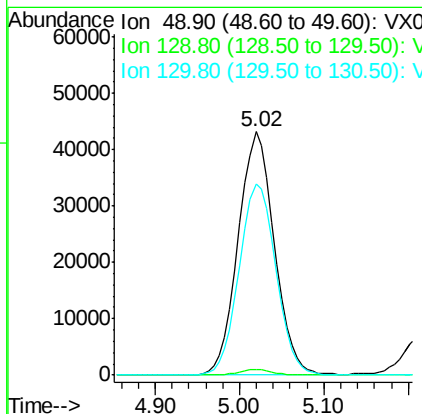
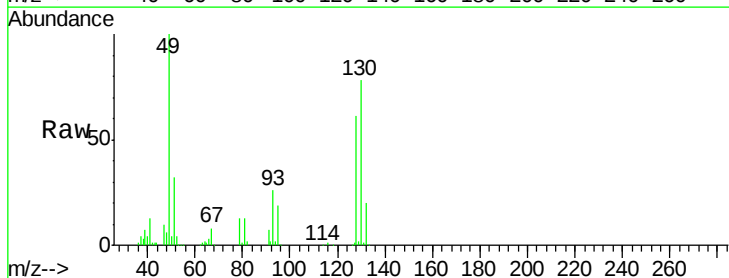
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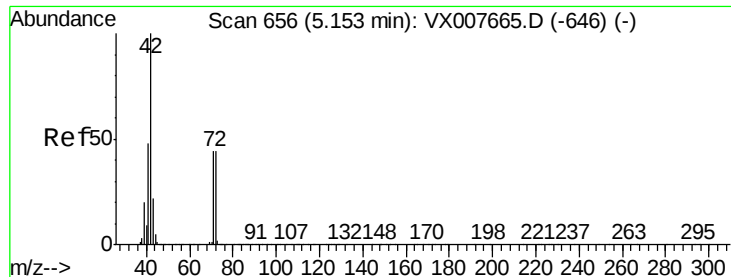


#28

Bromochloromethane
Concen: 48.190 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	5.6	
130	80.1	75.6	113.4	





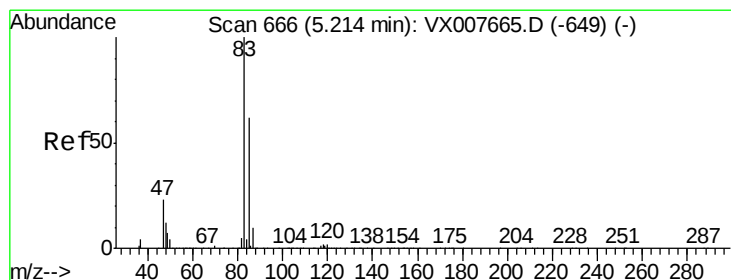
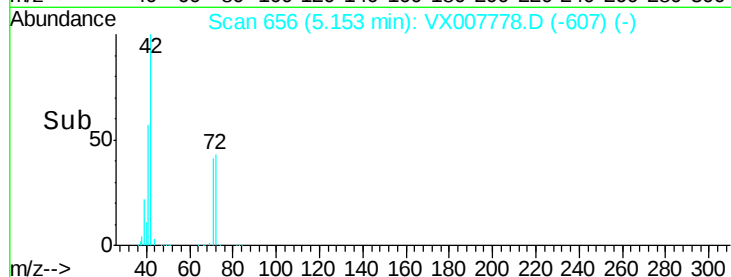
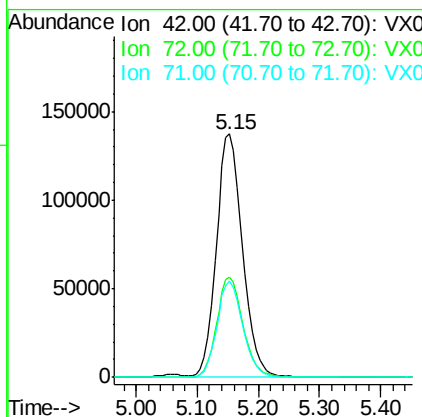
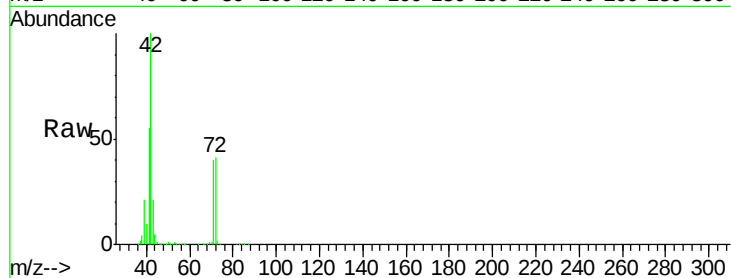
#29
Tetrahydrofuran
Concen: 251.323 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	37.6	56.4
71	39.2	34.6	51.8

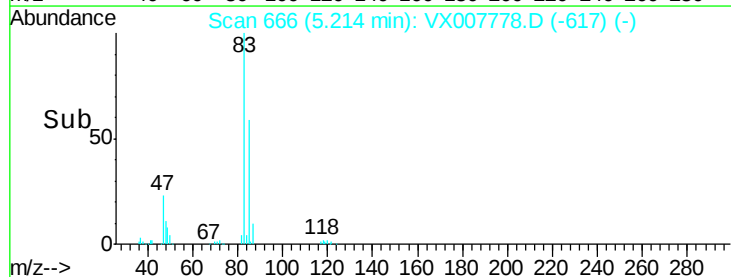
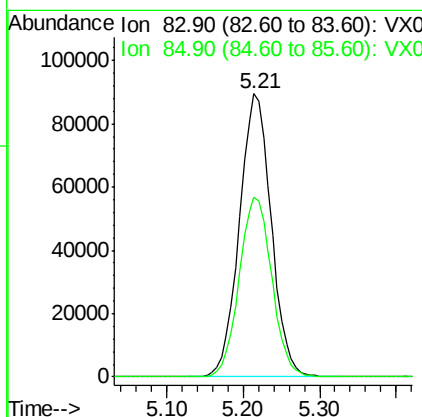
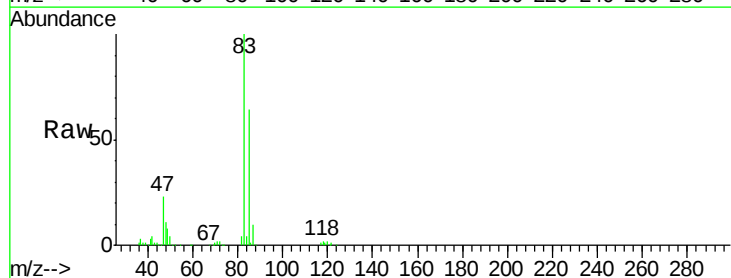
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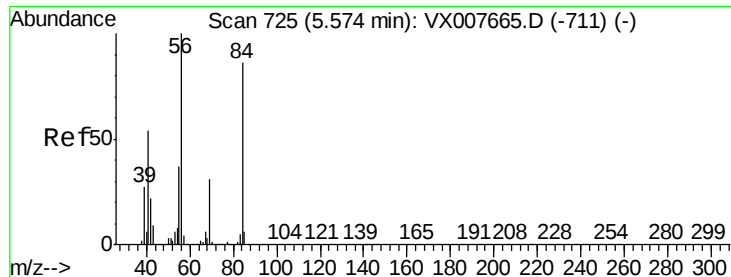
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#30
Chloroform
Concen: 45.047 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.6	77.4





#31

Cyclohexane

Concen: 47.005 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

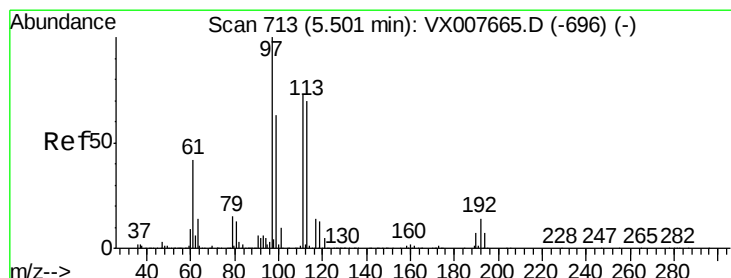
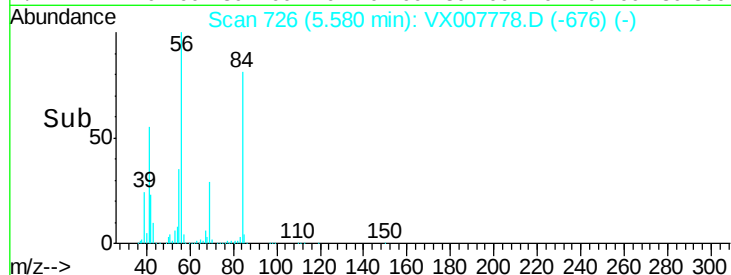
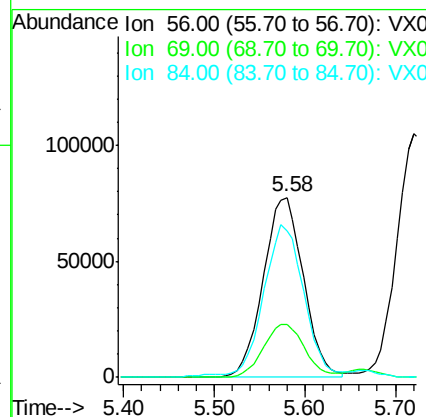
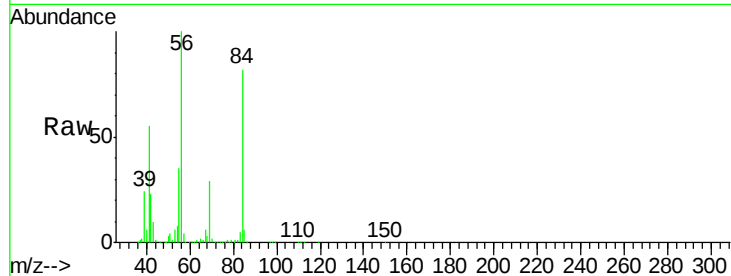
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	237081
Ion Ratio	Lower	Upper	
56	100		
69	29.3	23.0	34.6
84	80.6	69.8	104.6

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#32

1,1,1-Trichloroethane

Concen: 46.550 ug/l

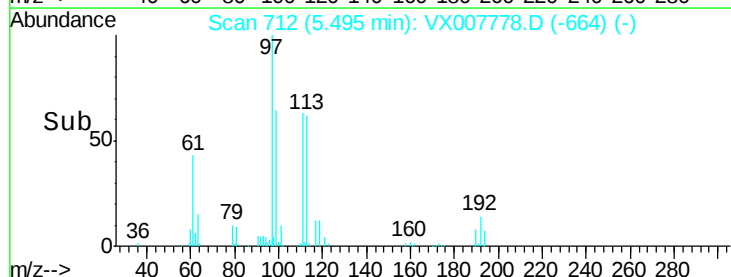
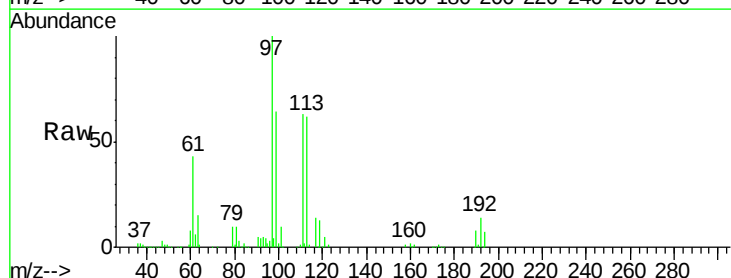
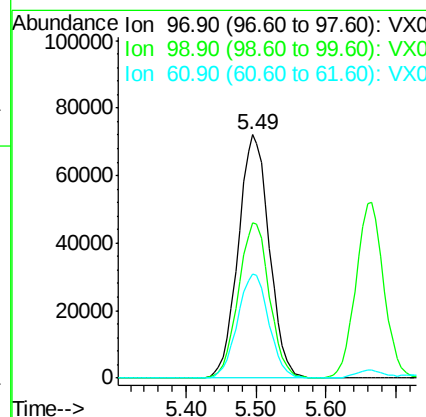
RT: 5.49 min Scan# 712

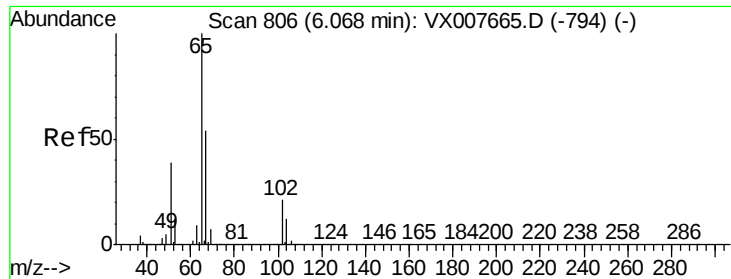
Delta R.T. -0.01 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion:	97	Resp:	221117
Ion Ratio	Lower	Upper	
97	100		
99	64.1	52.2	78.2
61	43.3	32.7	49.1





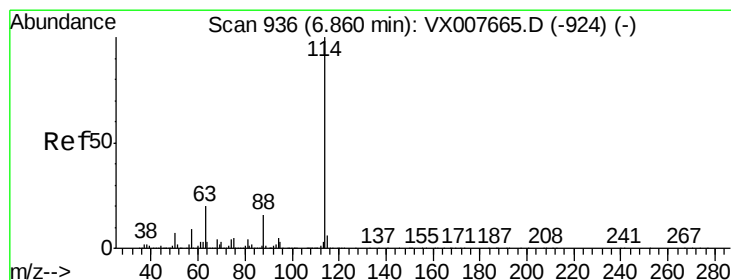
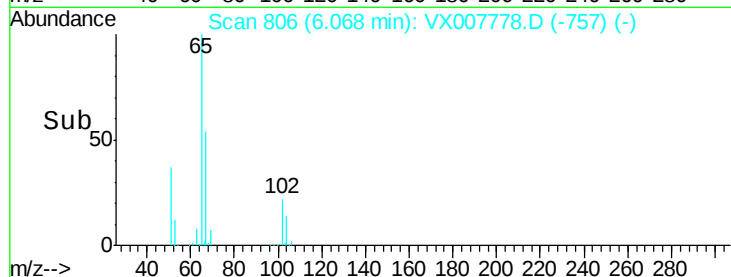
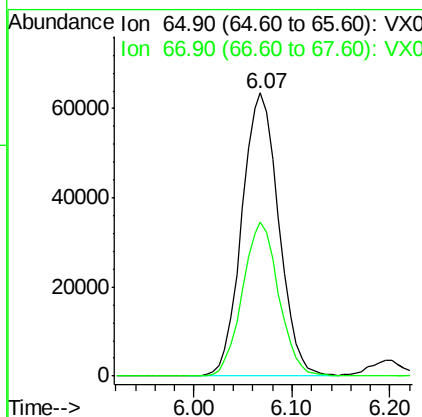
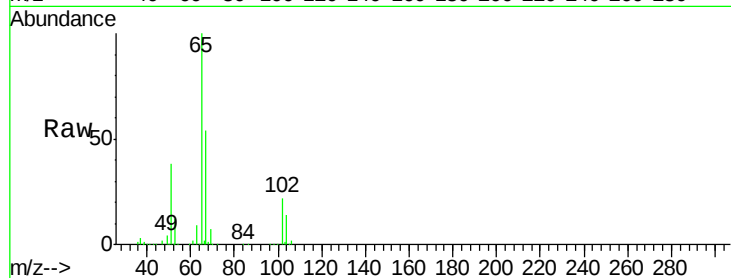
#33
 1,2-Dichloroethane-d4
 Concen: 45.721 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165952		
67	53.6	0.0	108.8	

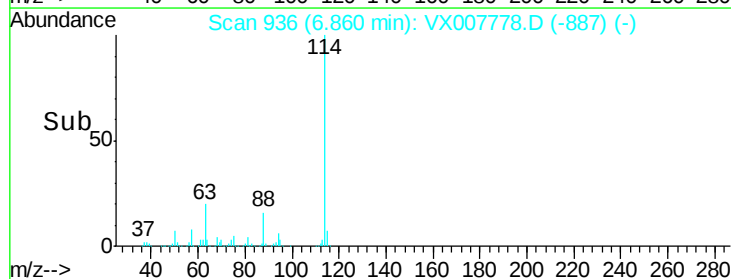
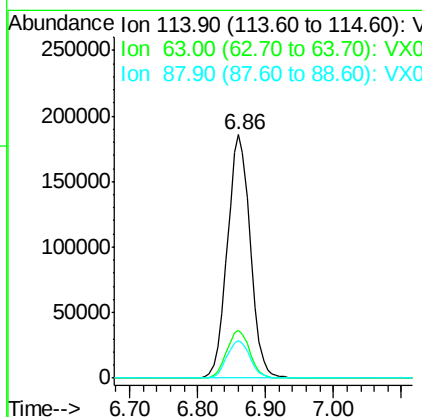
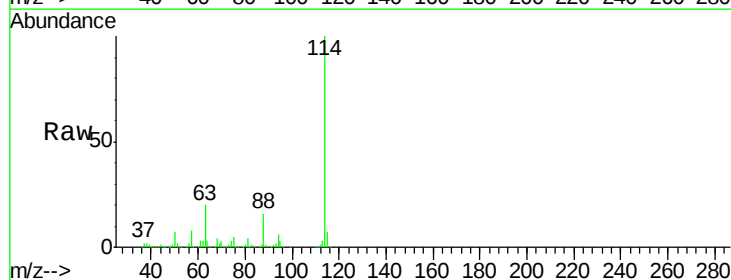
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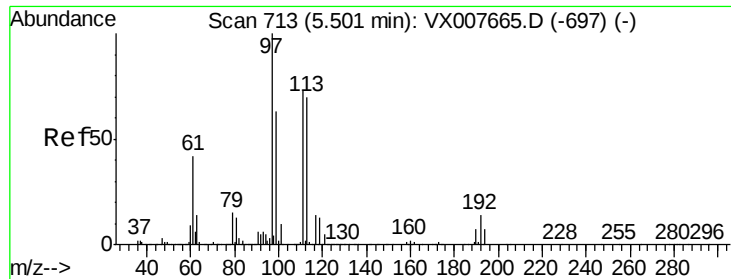
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	432356		
63	19.7	0.0	35.6	
88	15.5	0.0	29.6	





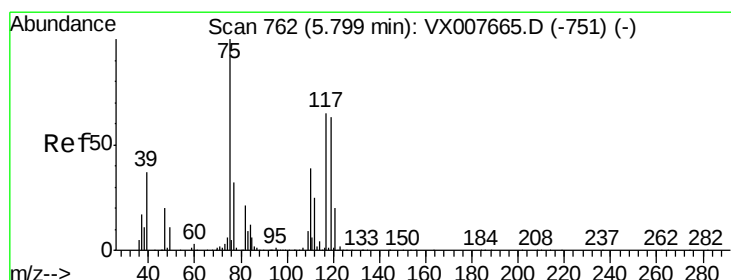
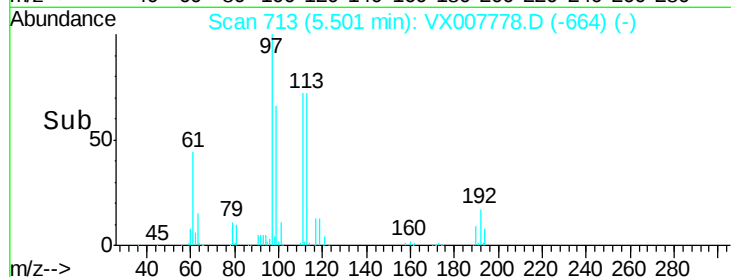
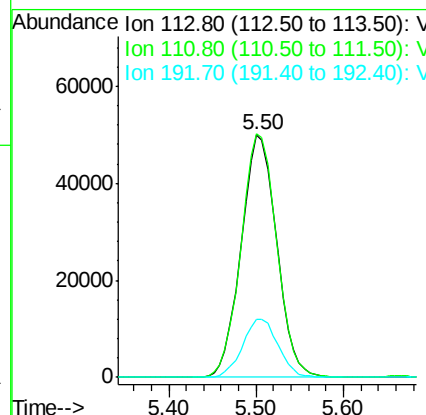
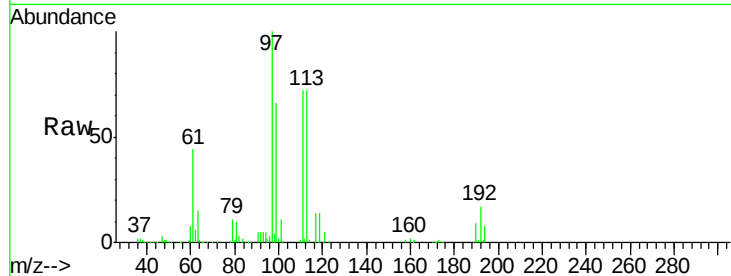
#35
 Dibromofluoromethane
 Concen: 48.800 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.8
192	24.1	18.5	27.7

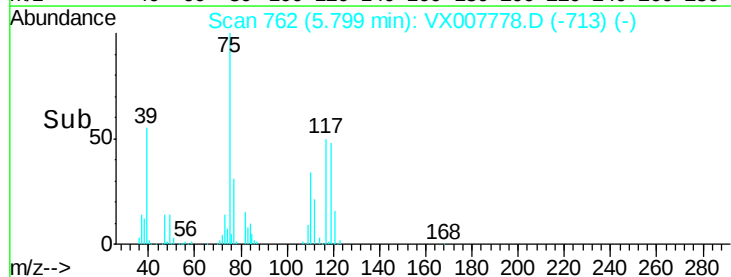
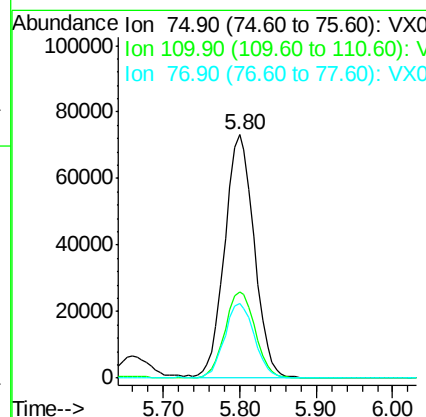
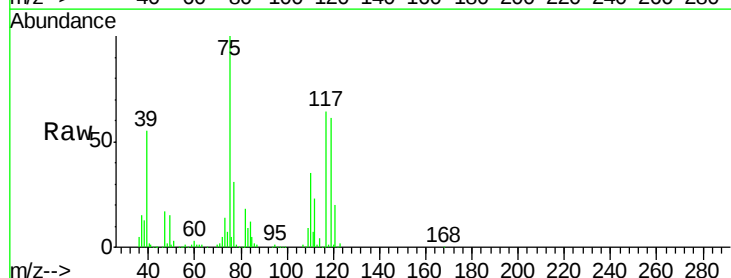
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#36
 1,1-Dichloropropene
 Concen: 50.003 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	20.0	59.9
77	30.9	24.7	37.1





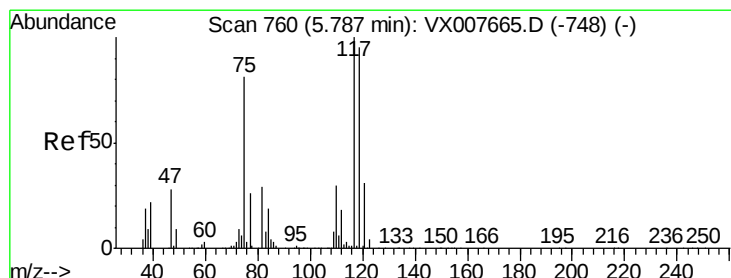
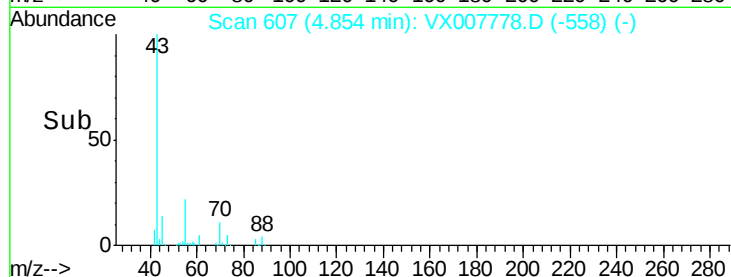
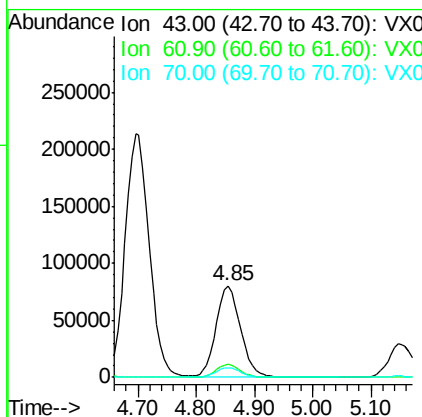
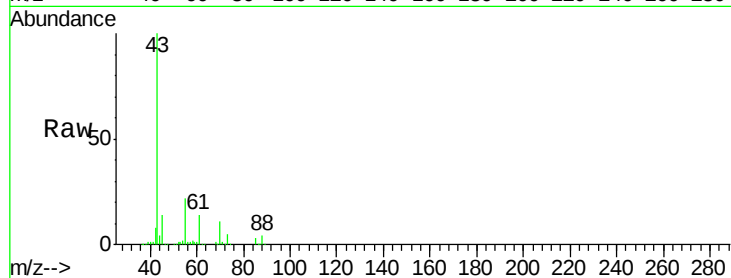
#37
Ethyl Acetate
Concen: 53.989 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.6	8.6	13.0

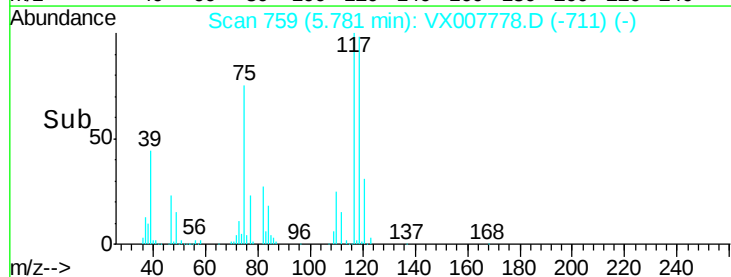
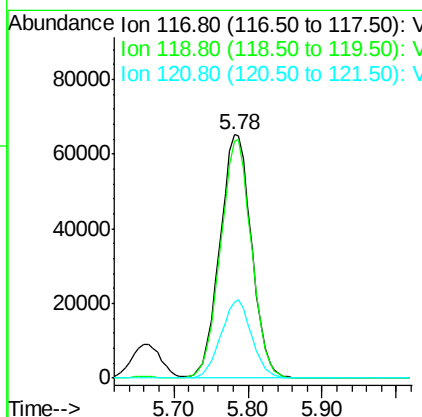
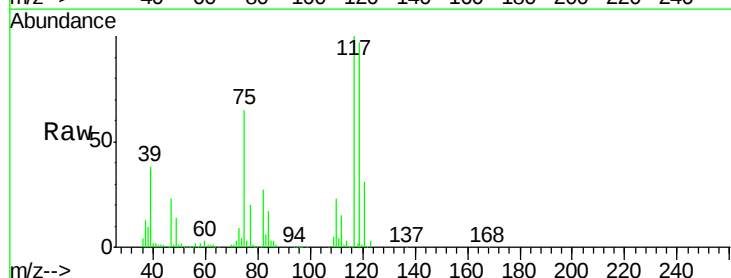
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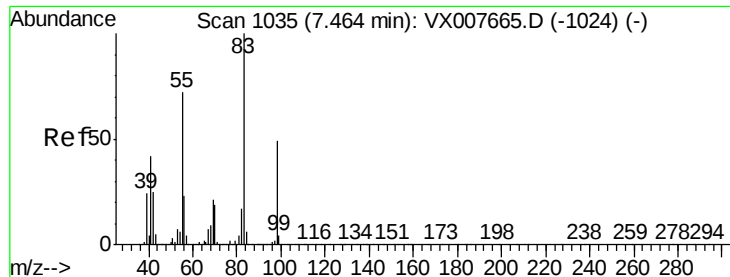
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#38
Carbon Tetrachloride
Concen: 49.384 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.3	112.9
121	30.9	25.0	37.4





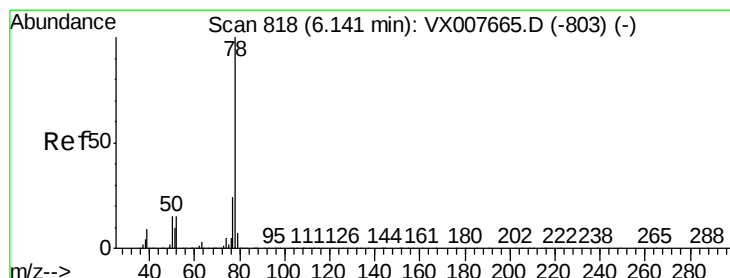
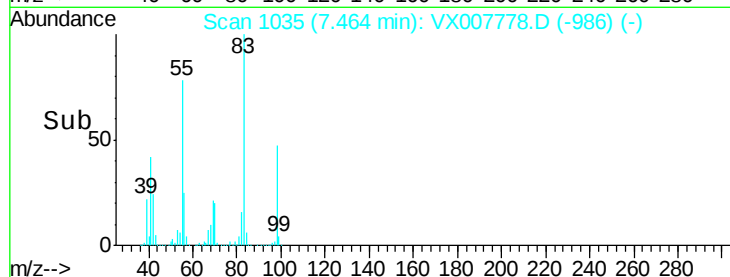
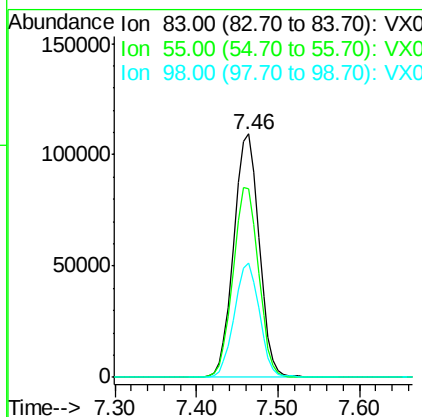
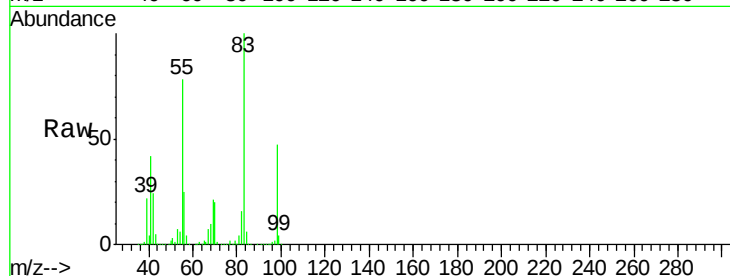
#39
Methvlcvclohexane
Concen: 47.775 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	56.2	84.2
98	47.0	36.8	55.2

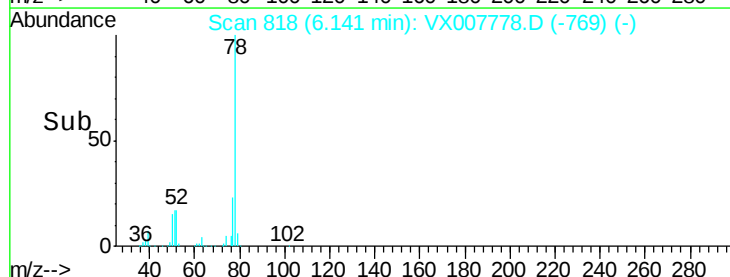
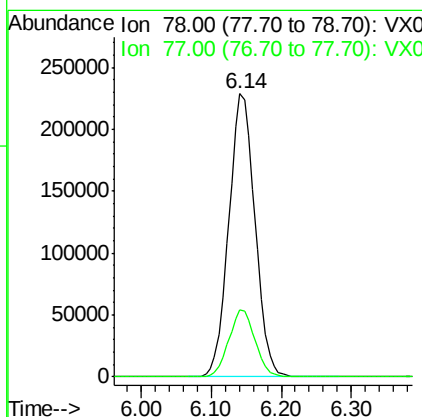
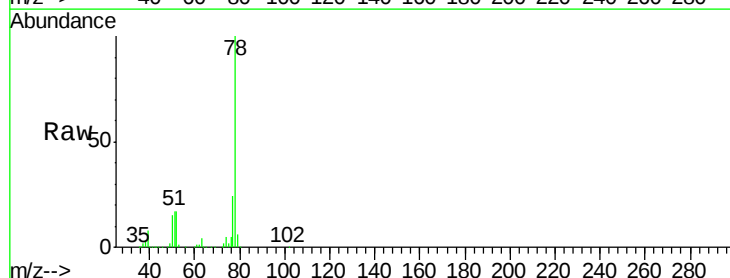
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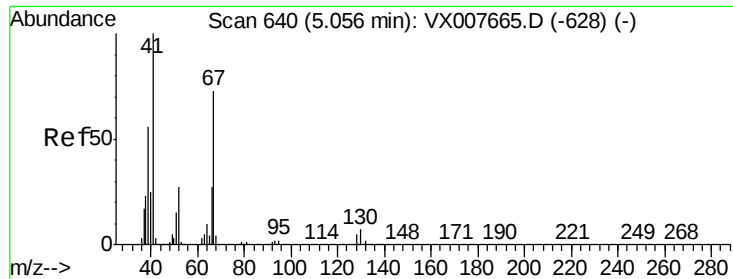
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#40
Benzene
Concen: 49.726 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





#41

Methacrylonitrile

Concen: 57.102 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

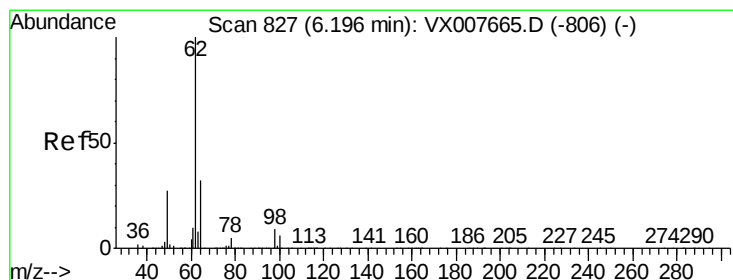
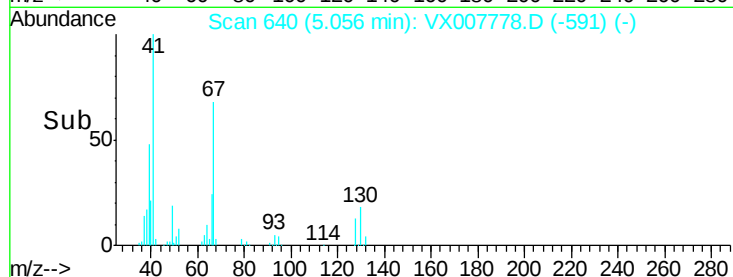
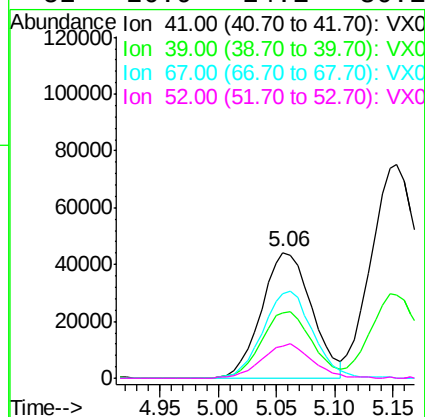
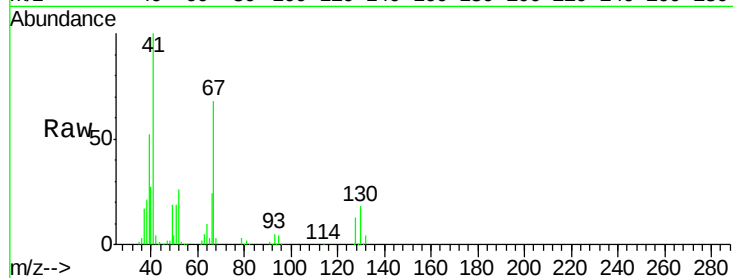
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.5	66.7
67	68.9	60.4	90.6
52	26.9	24.1	36.1

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#42

1,2-Dichloroethane

Concen: 50.906 ug/l

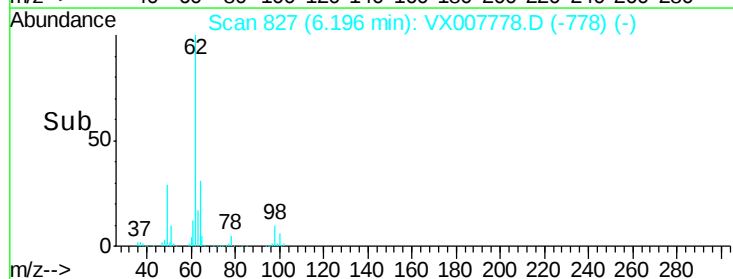
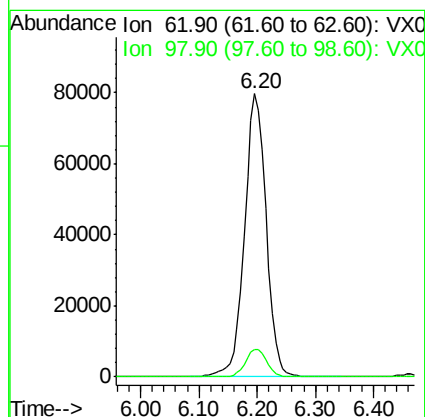
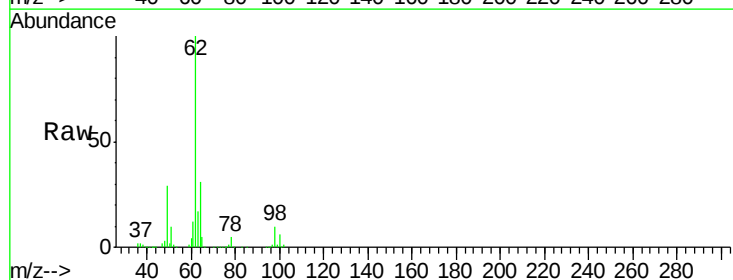
RT: 6.20 min Scan# 827

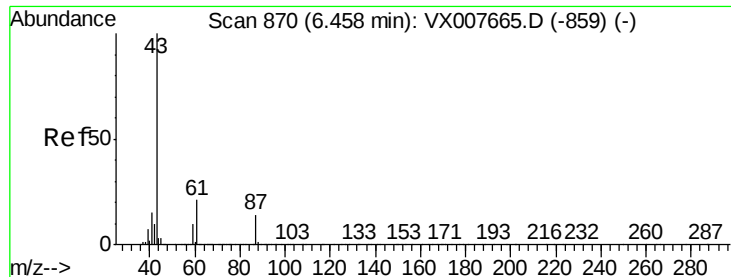
Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





#43

Isopropyl Acetate

Concen: 54.518 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

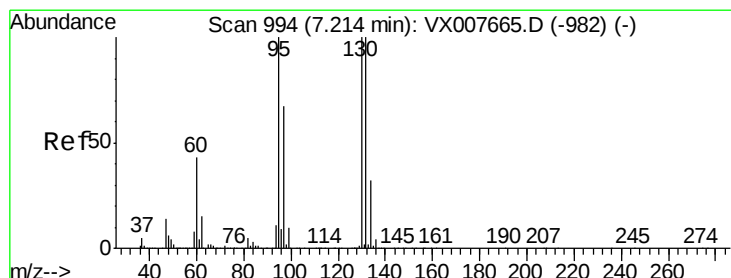
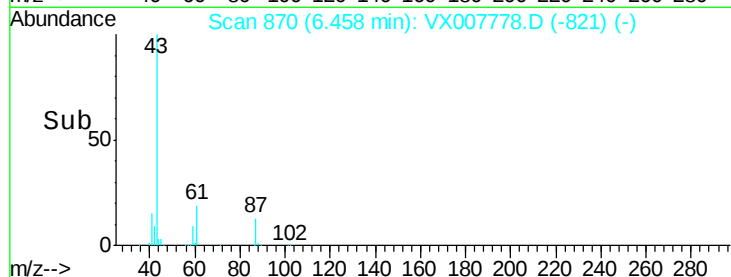
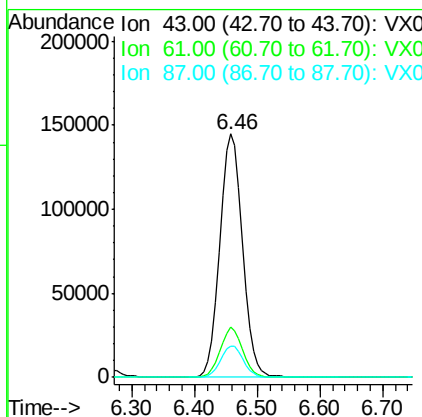
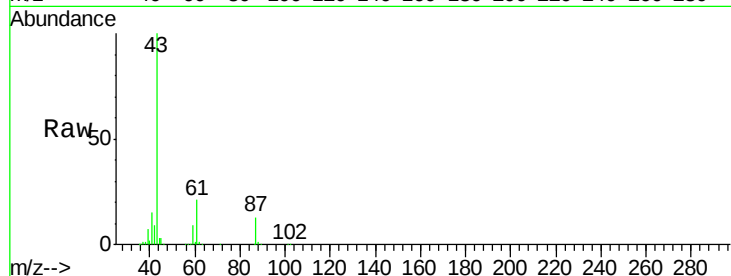
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	362297
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	13.0	11.5	17.3

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#44

Trichloroethene

Concen: 49.113 ug/l

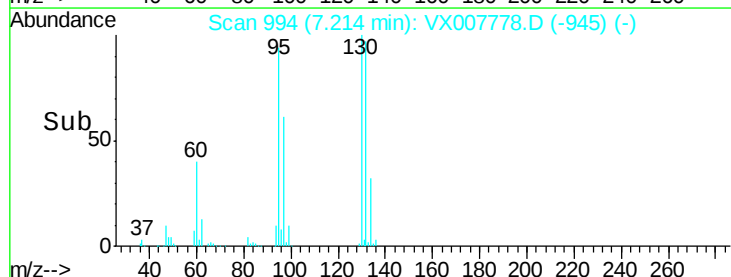
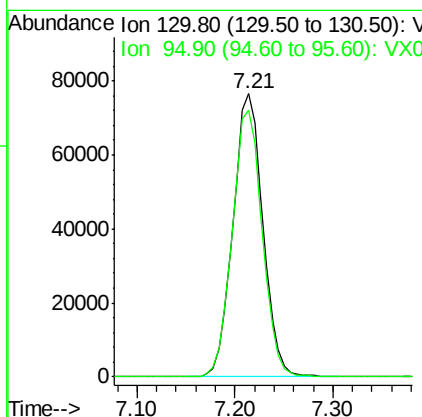
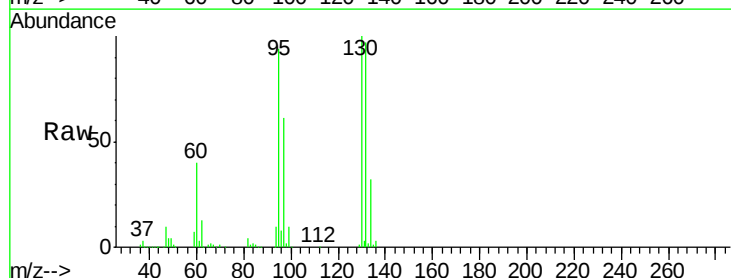
RT: 7.21 min Scan# 994

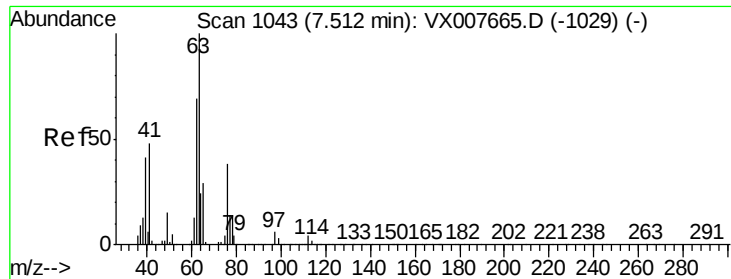
Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion:	130	Resp:	162113
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	180.0





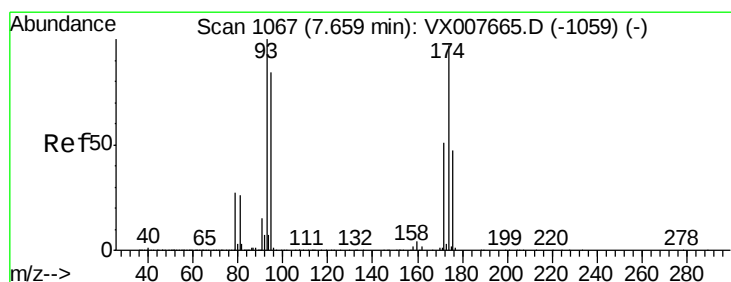
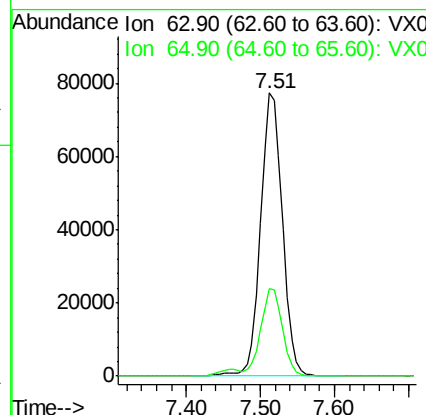
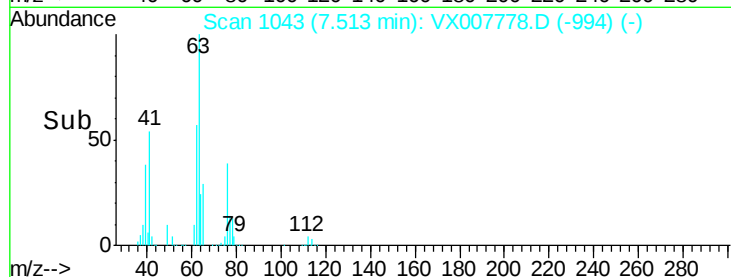
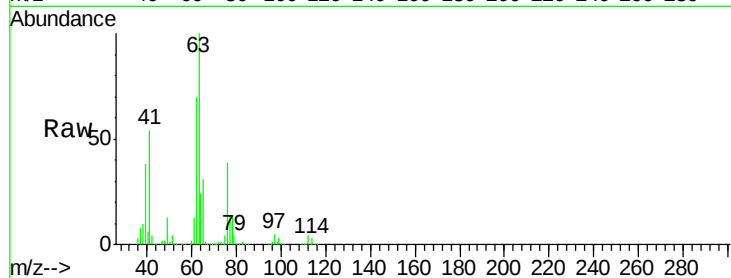
#45
 1,2-Dichloropropane
 Concen: 51.447 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.2	36.2

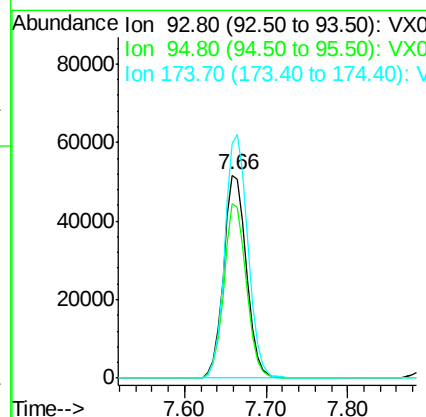
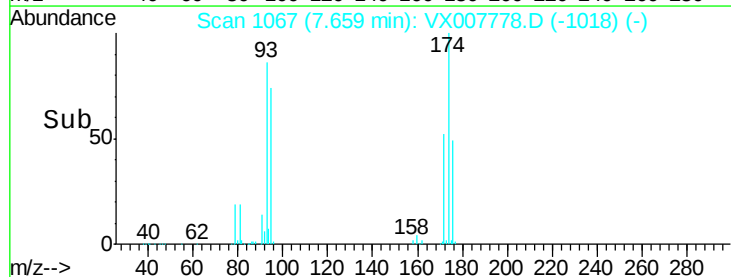
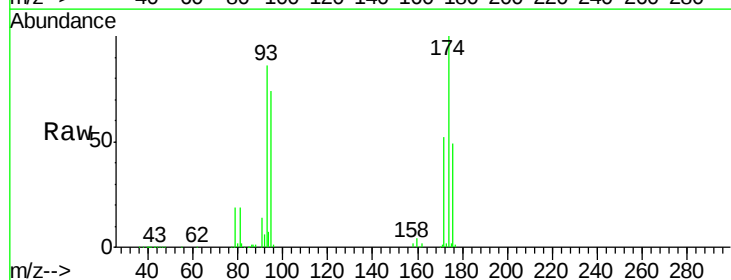
Manual Integrations
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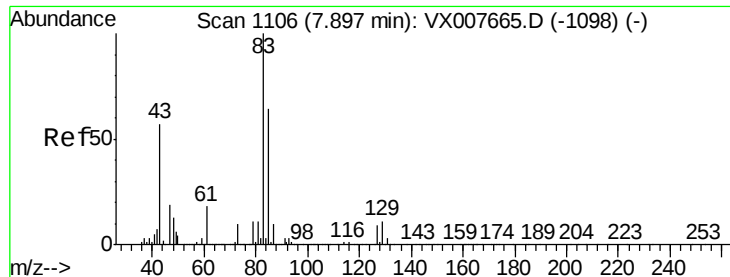
MMDadoda
 3/1/2019 10:04:47 AM



#46
 Dibromomethane
 Concen: 46.438 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	67.6	101.4
174	120.3	94.2	141.4





#47

Bromodichloromethane

Concen: 50.843 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

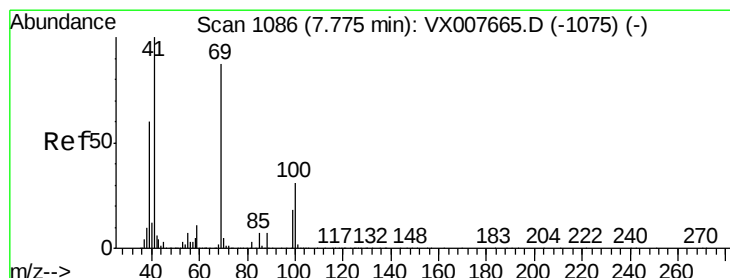
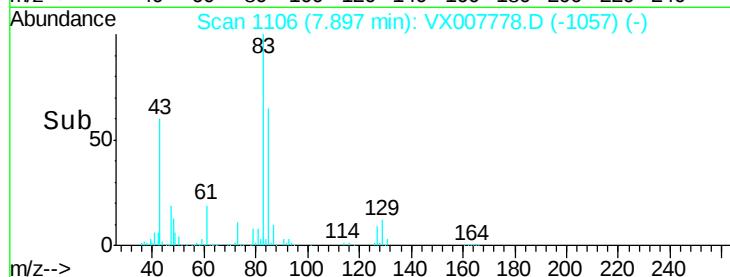
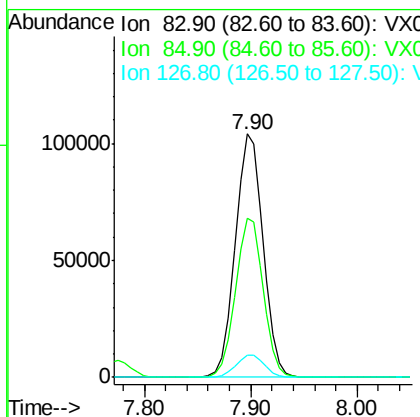
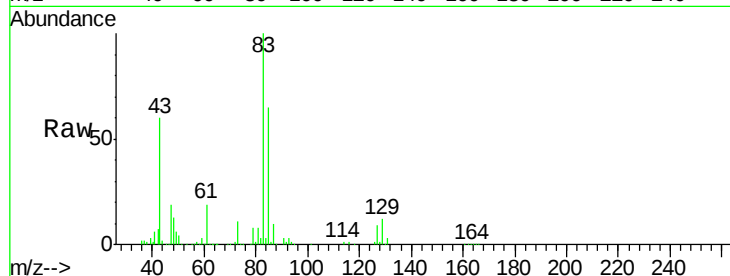
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	191057
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.4	77.0
127	9.2	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.884 ug/l

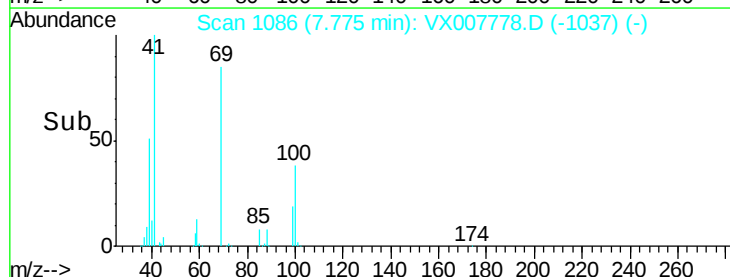
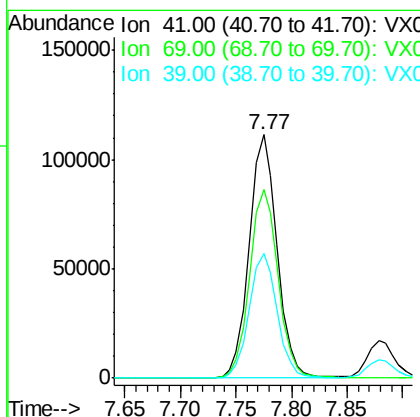
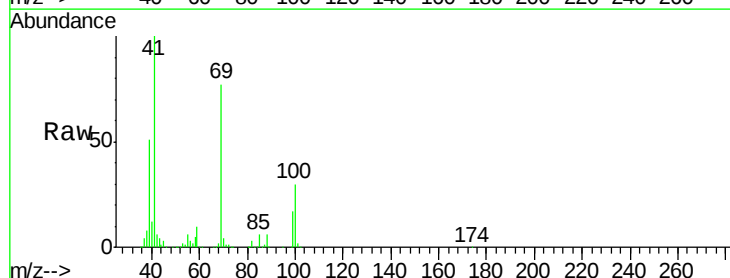
RT: 7.77 min Scan# 1086

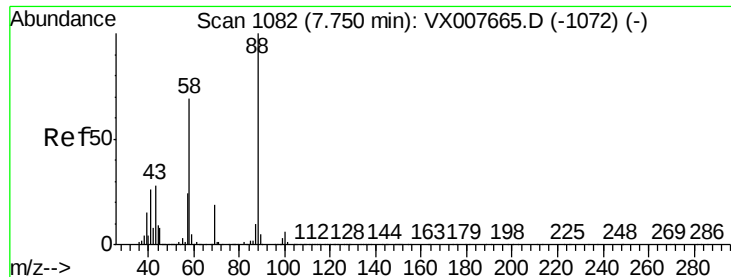
Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion	41	Resp	194669
Ion Ratio	Lower	Upper	
41	100		
69	79.5	70.2	105.4
39	51.7	47.4	71.0





#49

1,4-Dioxane

Concen: 930.485 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

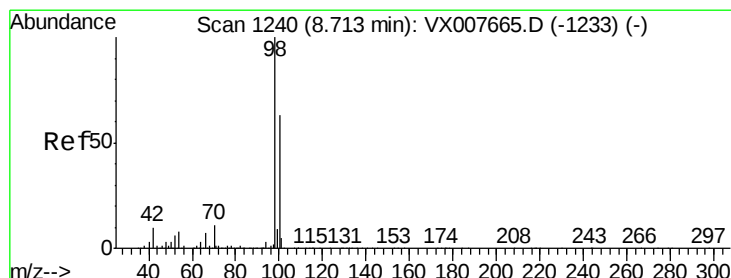
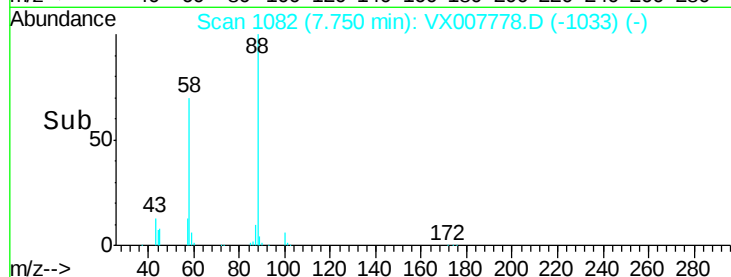
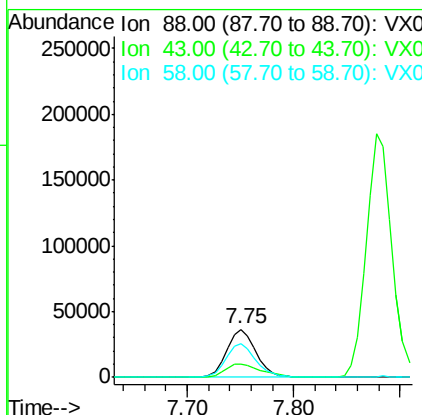
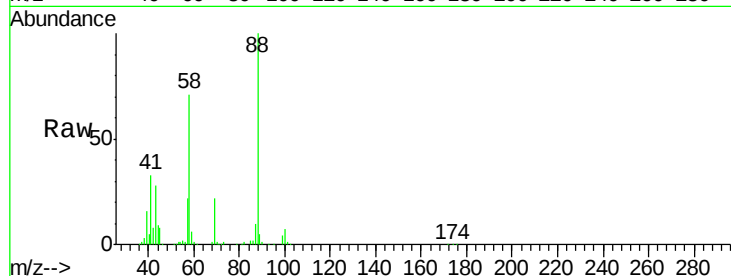
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	70006
Ion	Ratio	Lower	Upper
88	100		
43	34.3	24.2	36.4
58	72.7	53.0	79.4

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#50

Toluene-d8

Concen: 47.697 ug/l

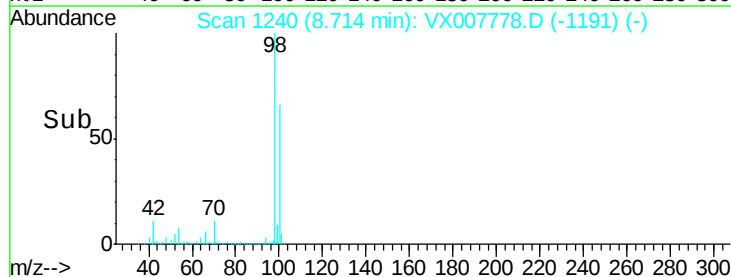
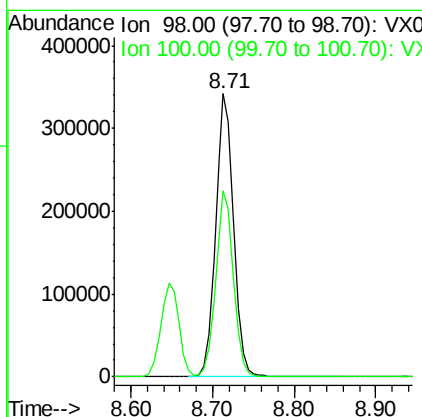
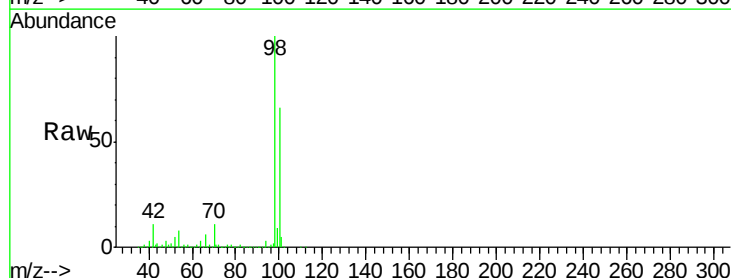
RT: 8.71 min Scan# 1240

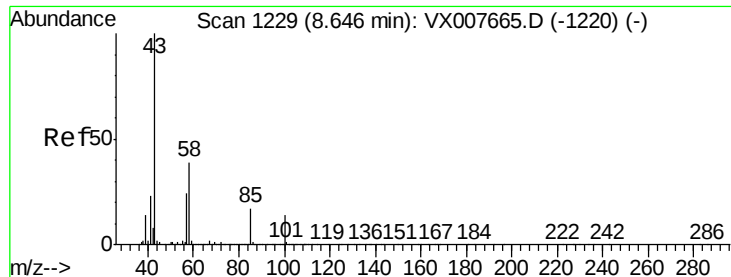
Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion:	98	Resp:	527754
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 266.089 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1183645

Ion Ratio Lower Upper

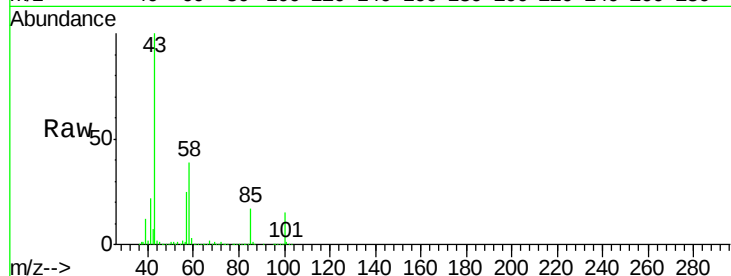
43 100

58 38.6 31.2 46.8

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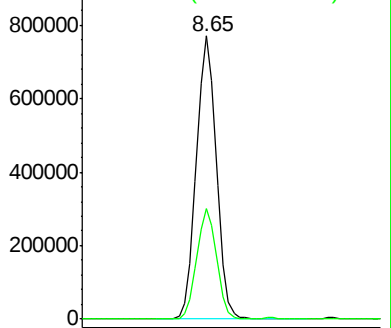
MMDadoda

3/1/2019 10:04:47 AM

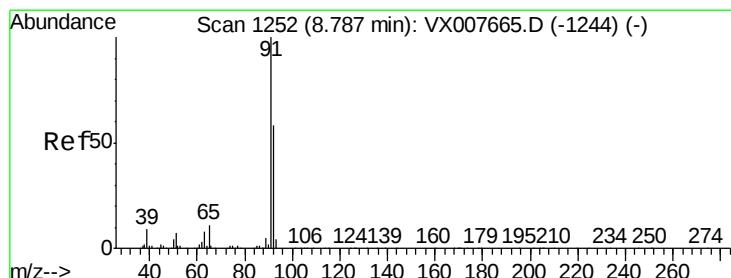
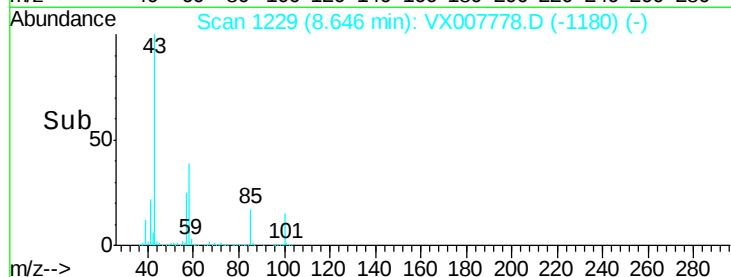


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 49.026 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007778.D

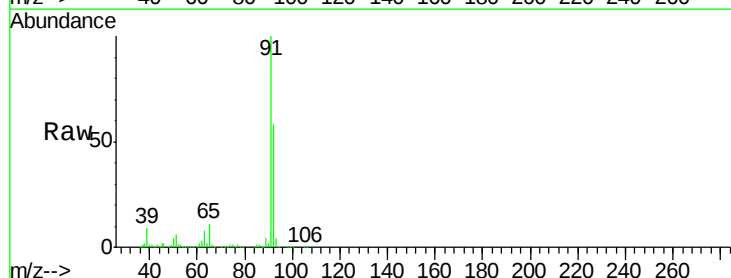
Acq: 28 Feb 2019 20:25

Tgt Ion: 92 Resp: 370949

Ion Ratio Lower Upper

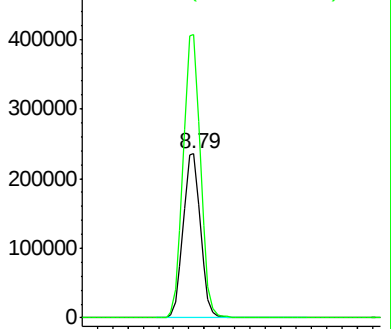
92 100

91 173.1 139.1 208.7

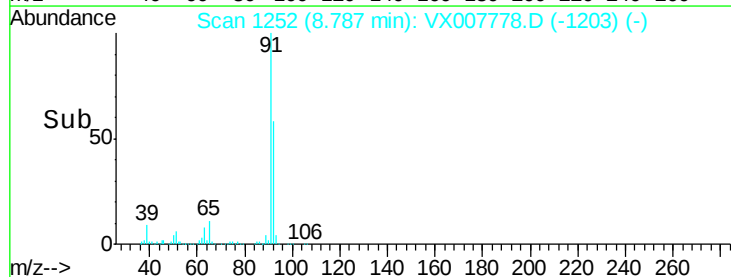


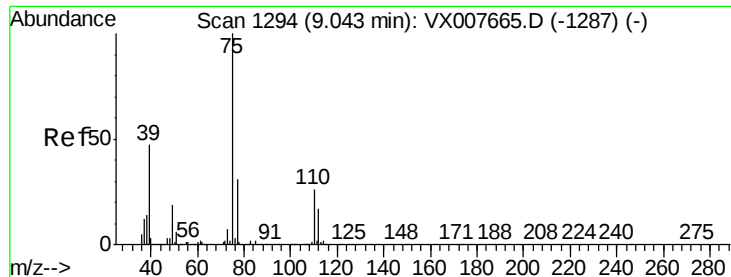
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 45.721 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 212409

Ion Ratio Lower Upper

75 100

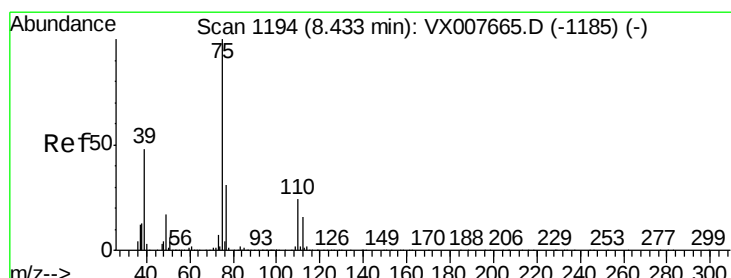
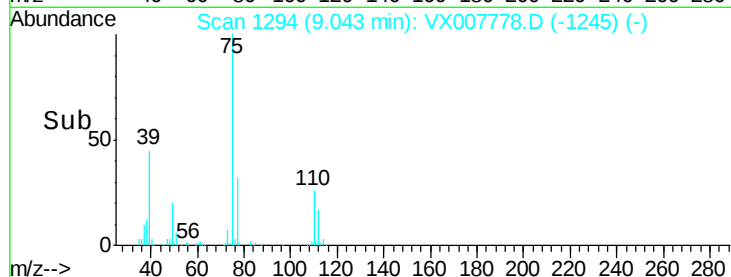
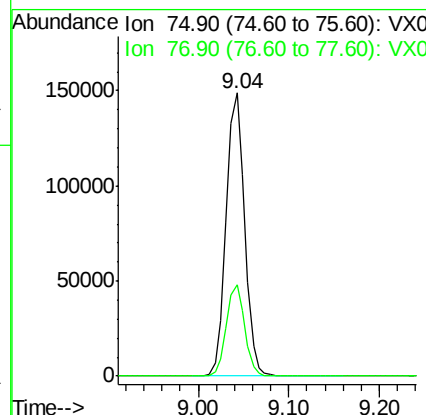
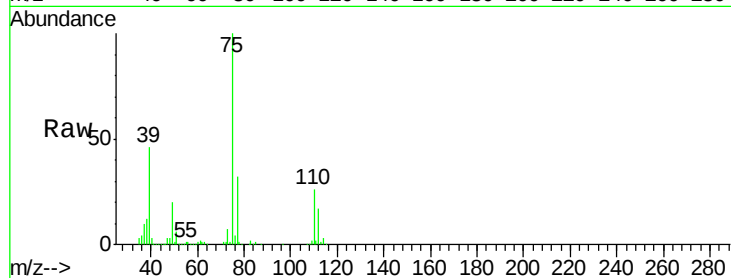
77 32.3 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.456 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

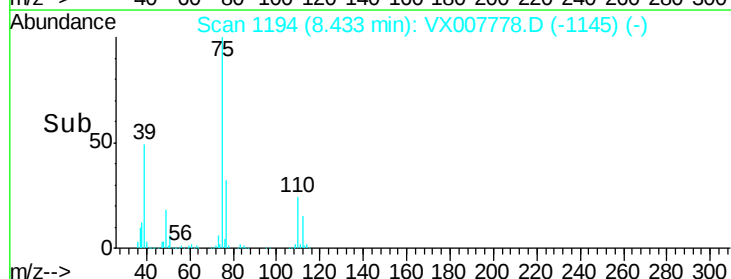
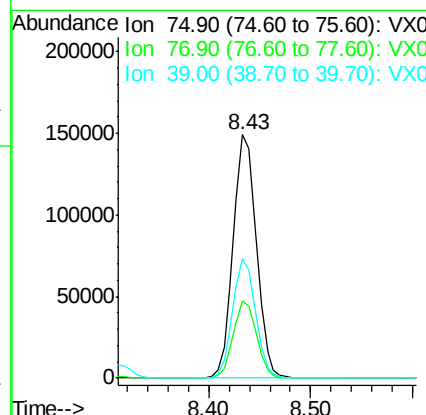
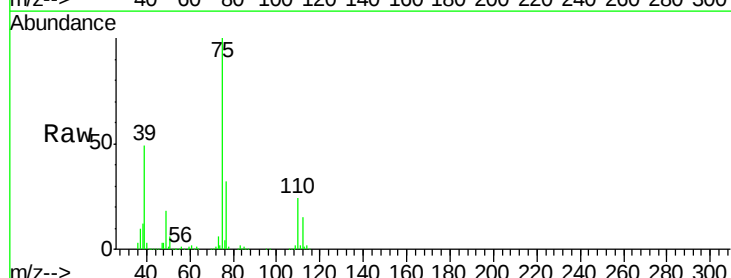
Tgt Ion: 75 Resp: 234648

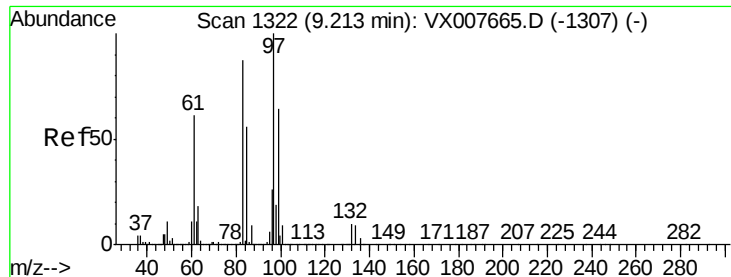
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

39 48.9 37.1 55.7





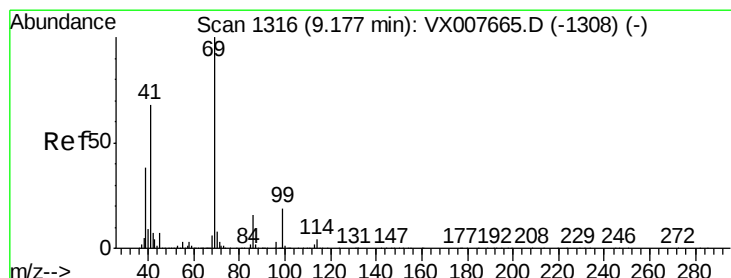
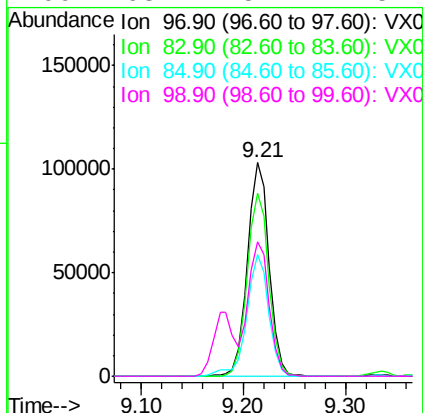
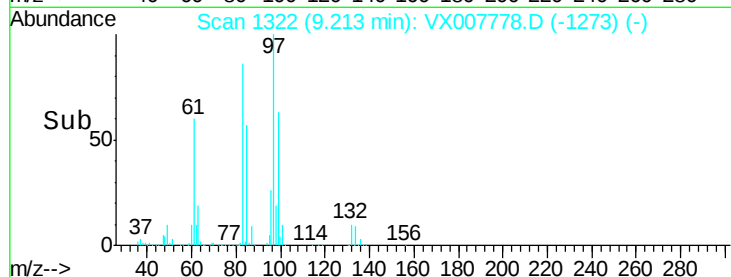
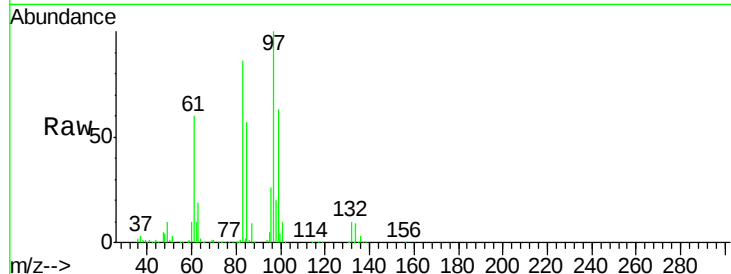
#55
 1,1,2-Trichloroethane
 Concen: 48.433 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	152818
Ion Ratio	Lower	Upper	
97	100		
83	85.9	68.6	102.8
85	56.9	44.5	66.7
99	63.1	52.2	78.4

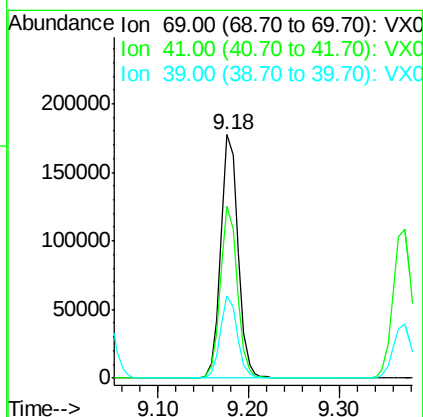
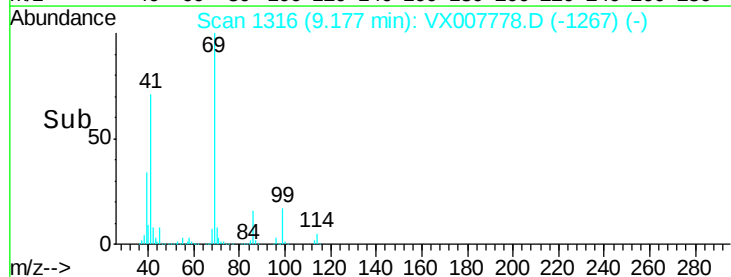
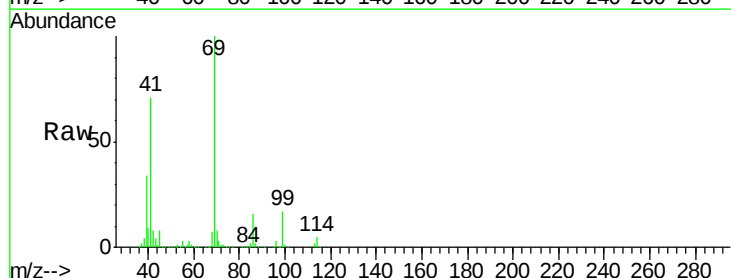
Manual Integrations
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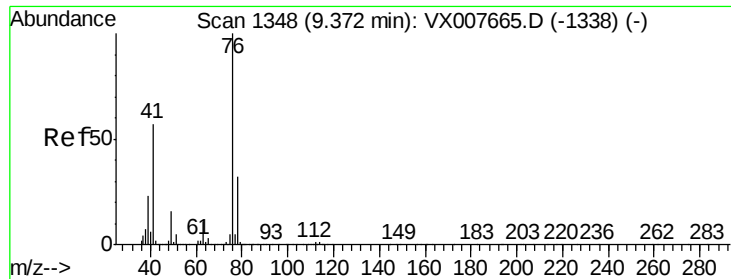
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#56
 Ethyl methacrylate
 Concen: 52.876 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Tgt Ion:	69	Resp:	237254
Ion Ratio	Lower	Upper	
69	100		
41	69.2	52.1	78.1
39	33.3	30.1	45.1





#57

1,3-Dichloropropane

Concen: 50.814 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 256654

Ion Ratio Lower Upper

76 100

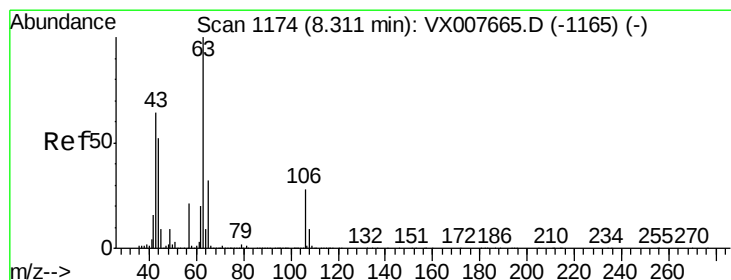
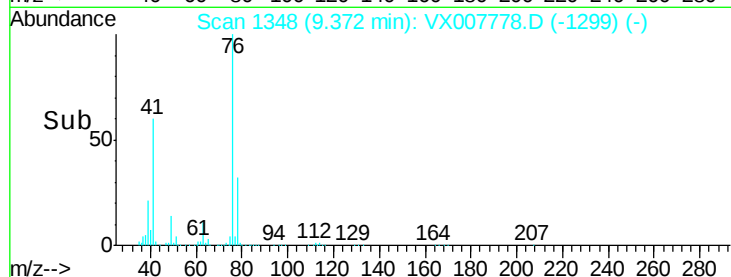
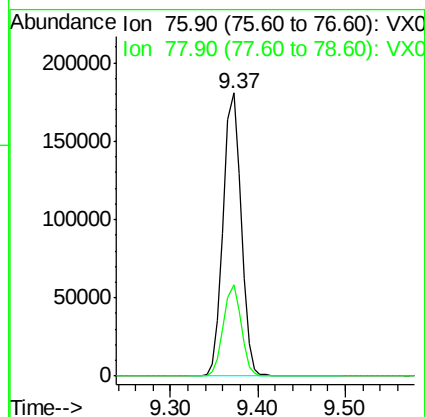
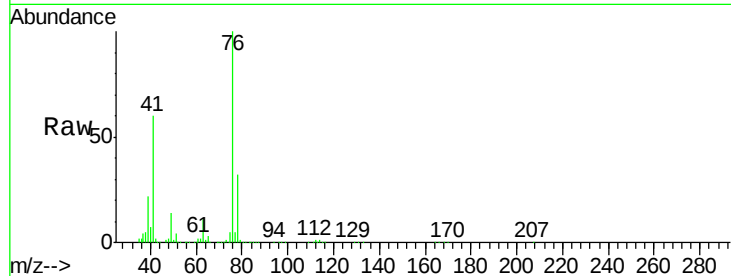
78 32.0 25.8 38.8

Manual Integrations

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3/1/2019 10:04:47 AM



#58

2-Chloroethyl Vinyl ether

Concen: 258.214 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007778.D

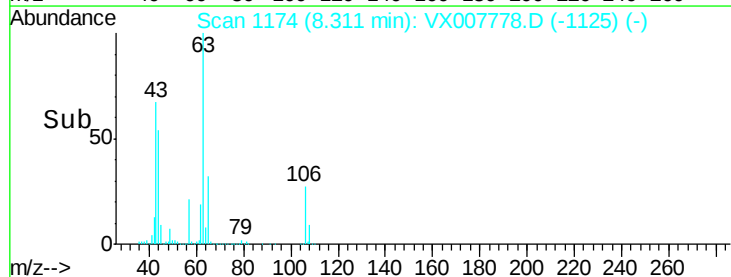
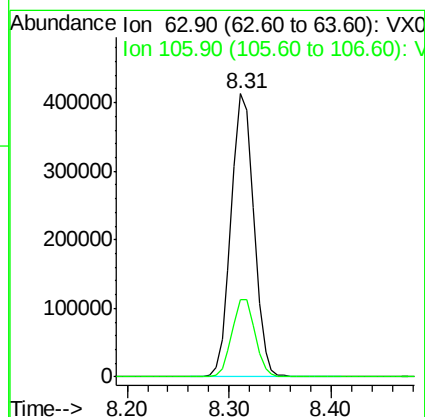
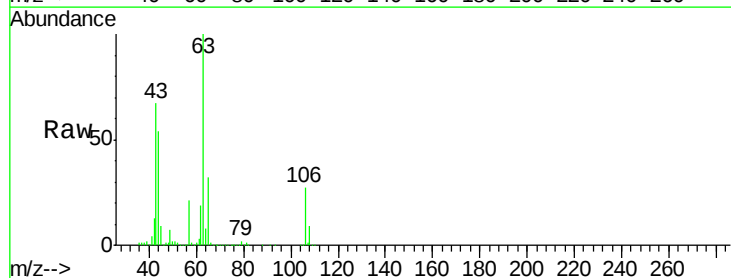
Acq: 28 Feb 2019 20:25

Tgt Ion: 63 Resp: 638910

Ion Ratio Lower Upper

63 100

106 27.9 23.6 35.4





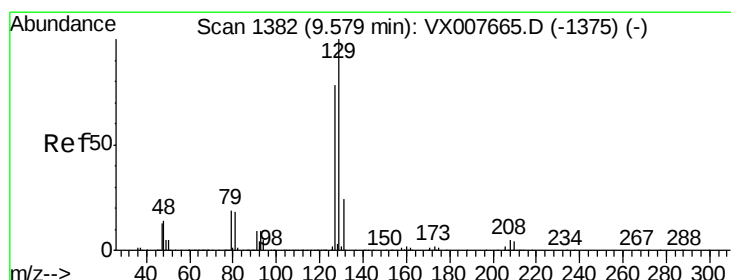
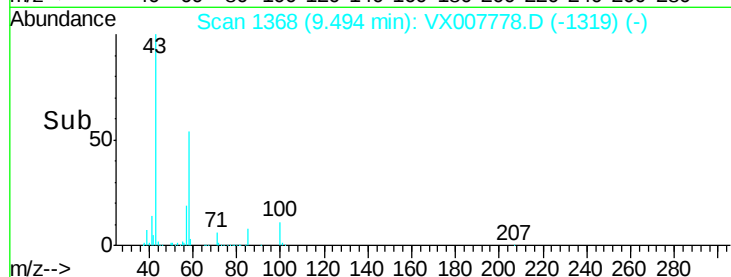
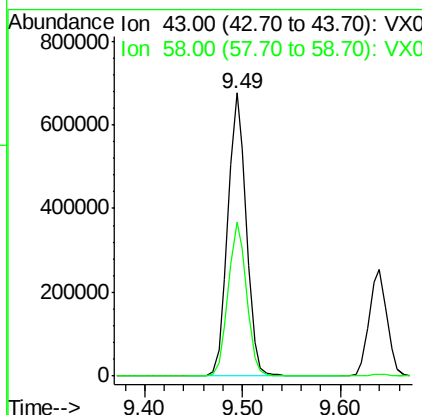
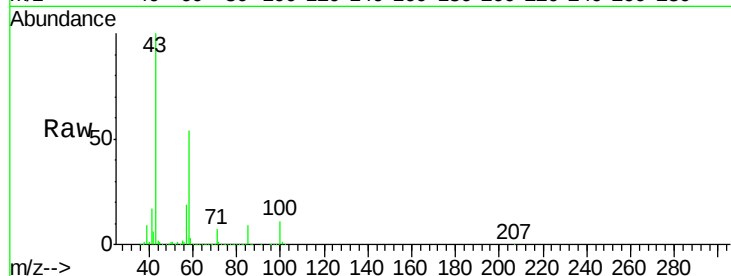
#59
2-Hexanone
Concen: 253.139 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	27.1	81.3

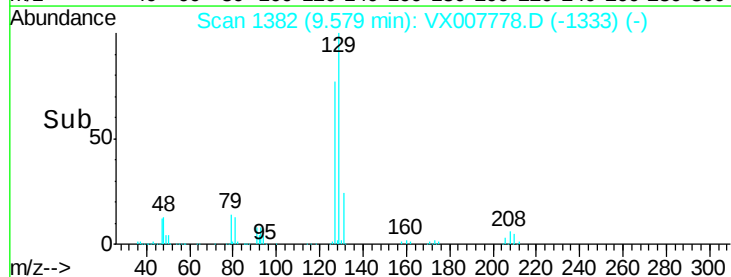
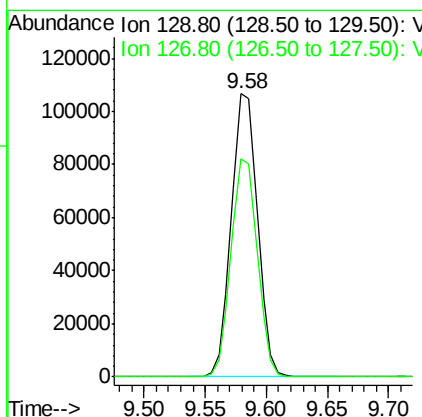
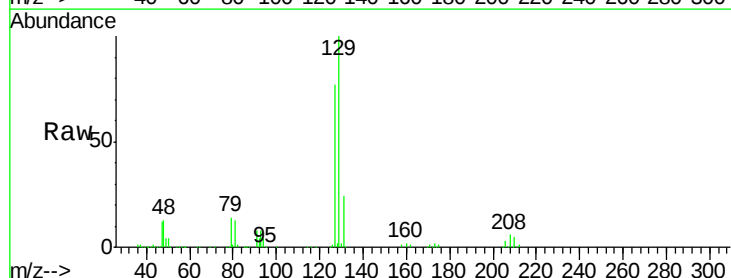
Manual Integrations
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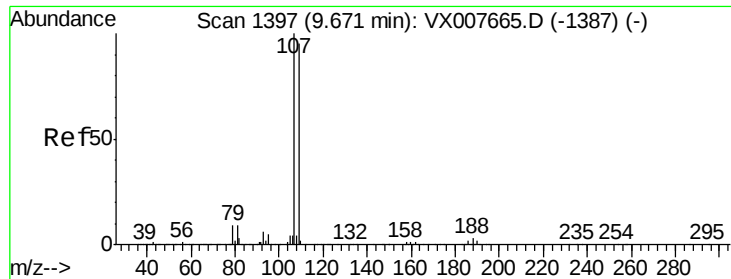
MMDadoda
3/1/2019 10:04:47 AM



#60
Dibromochloromethane
Concen: 52.085 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	37.8	113.4





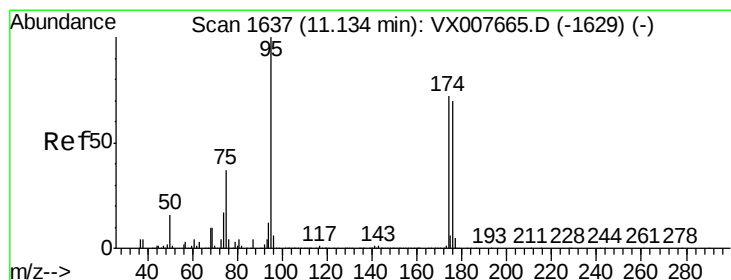
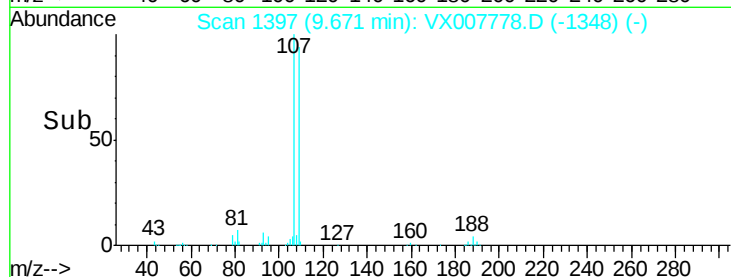
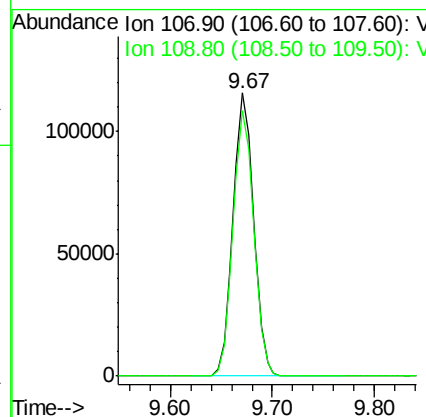
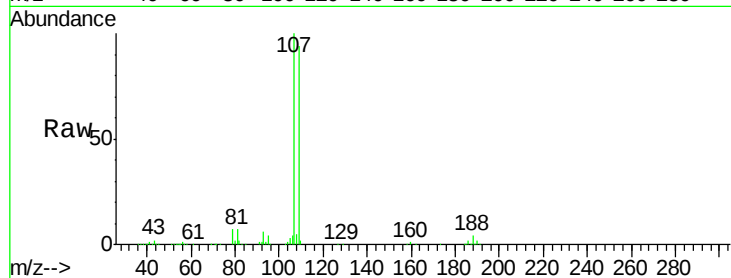
#61
 1,2-Dibromoethane
 Concen: 49.395 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.1	112.7

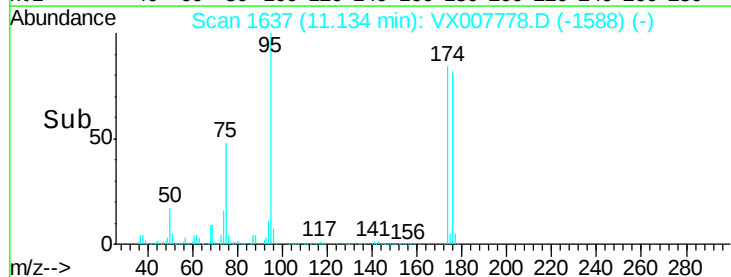
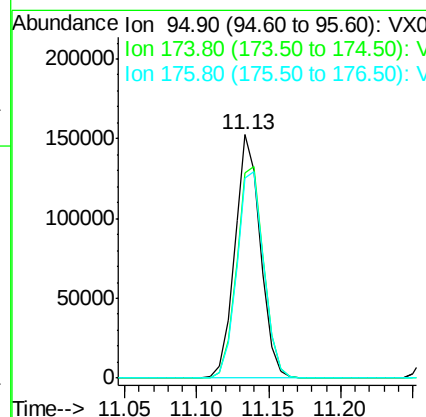
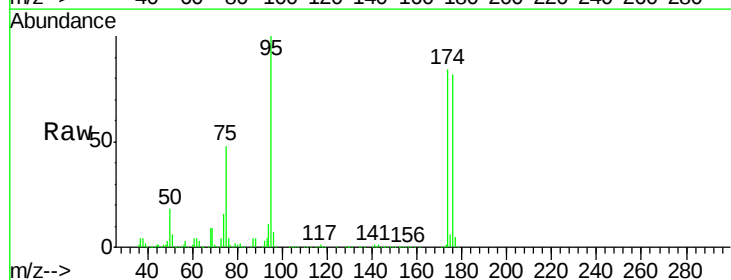
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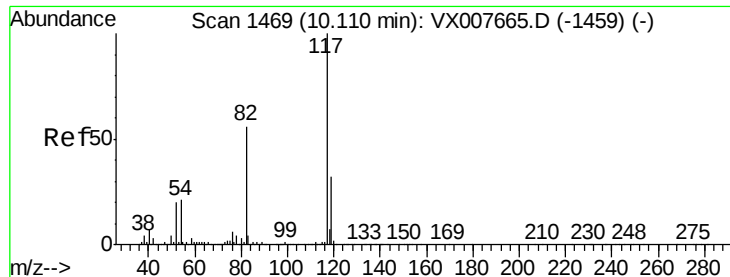
MMDadoda
 3/1/2019 10:04:47 AM



#62
 4-Bromofluorobenzene
 Concen: 46.607 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	189.2
176	89.3	0.0	186.2





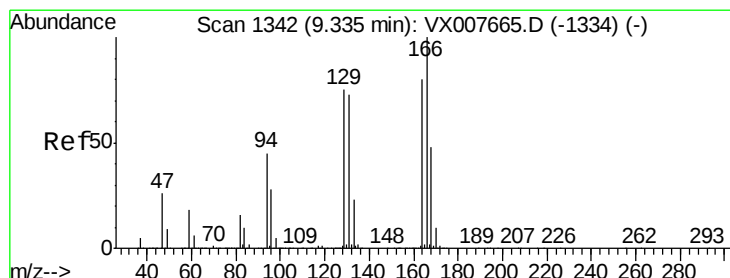
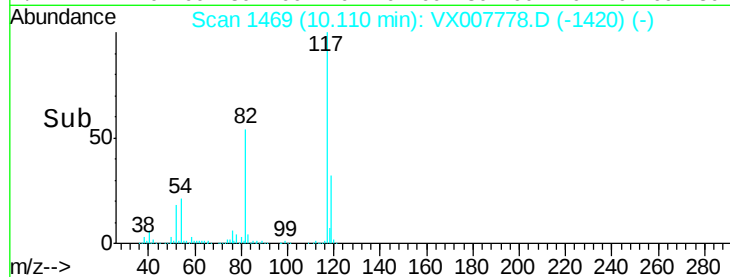
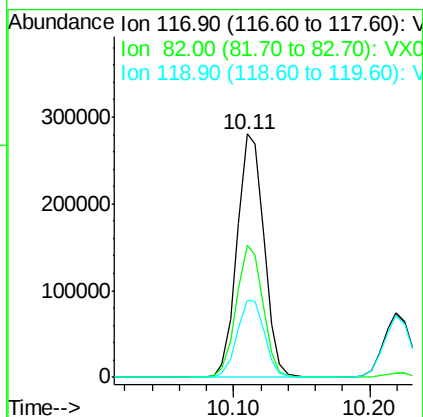
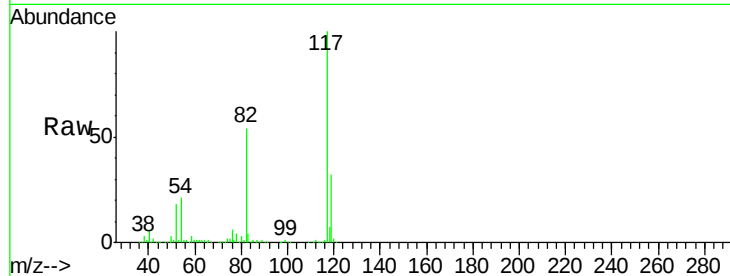
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	386292		
82	54.4	42.1	63.1	
119	31.8	26.5	39.7	

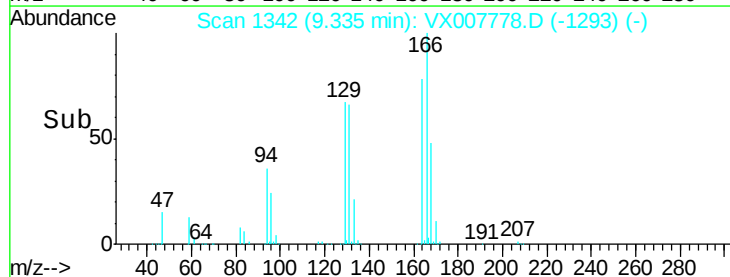
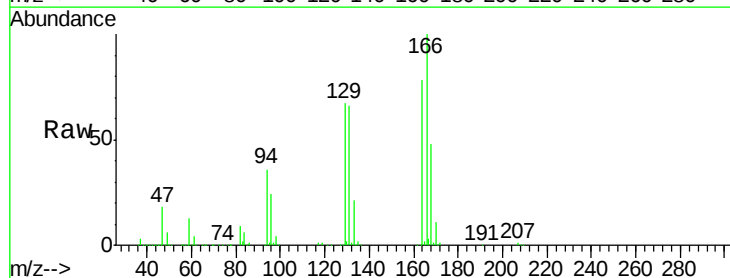
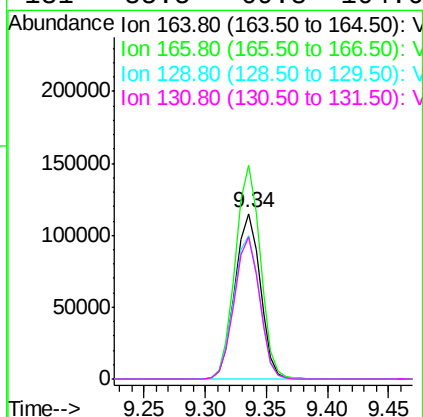
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#64
Tetrachloroethene
Concen: 52.640 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165077		
166	129.0	101.0	151.4	
129	87.0	70.5	105.7	
131	85.5	69.8	104.6	





#65

Chlorobenzene

Concen: 49.061 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 409892

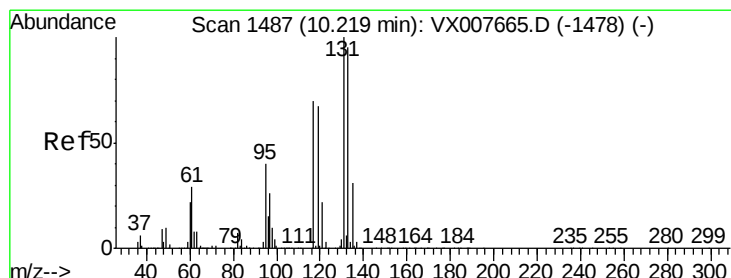
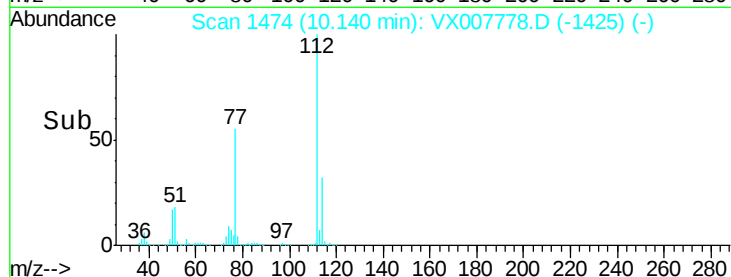
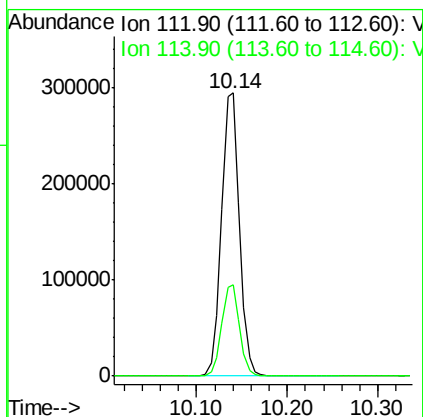
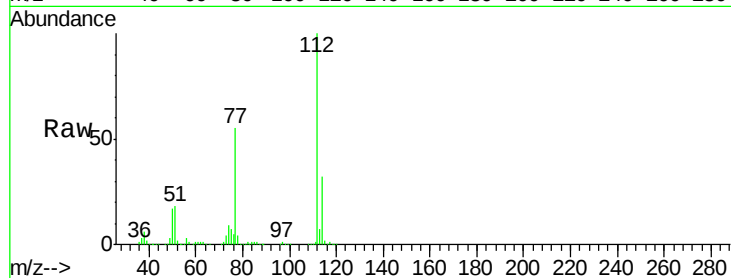
Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.096 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

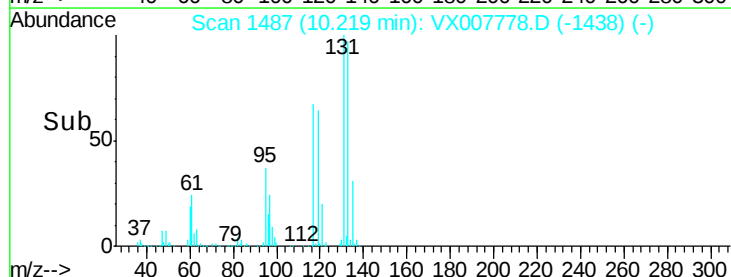
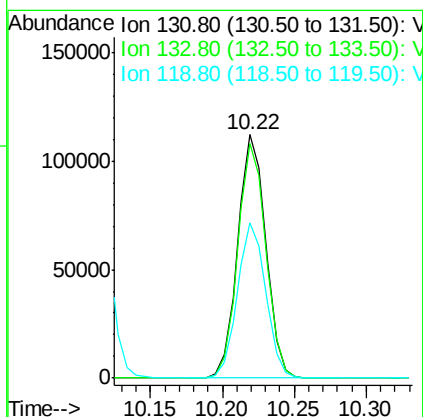
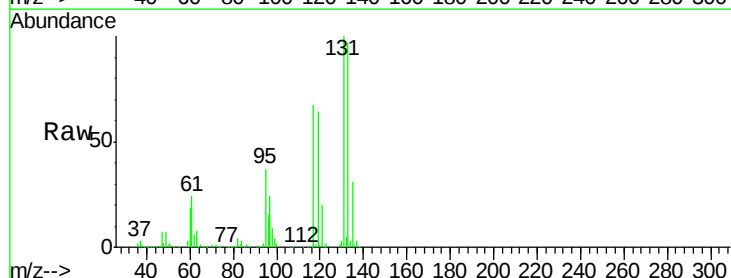
Tgt Ion:131 Resp: 151823

Ion Ratio Lower Upper

131 100

133 96.2 48.0 144.2

119 64.4 32.0 96.0





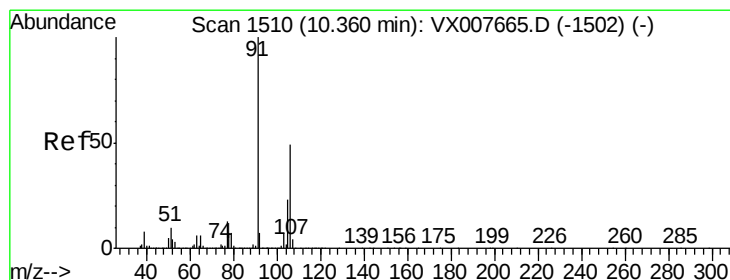
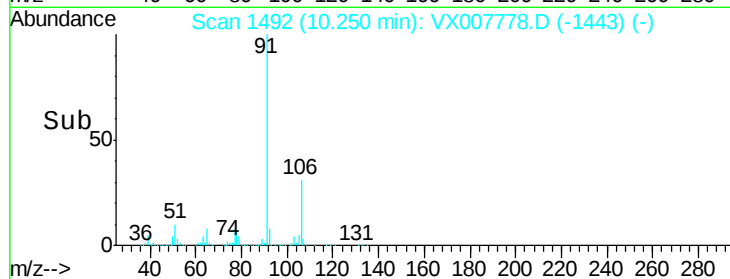
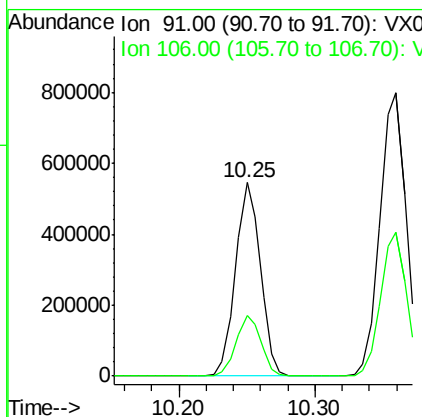
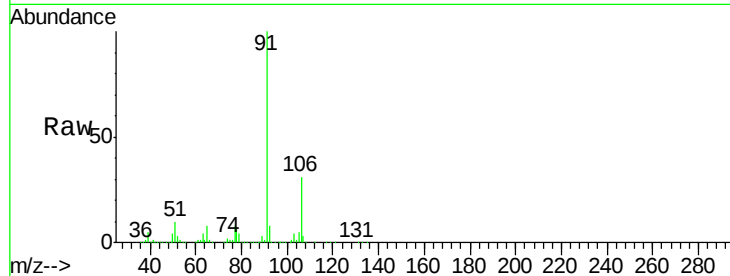
#67
Ethyl Benzene
Concen: 50.384 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 697314
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

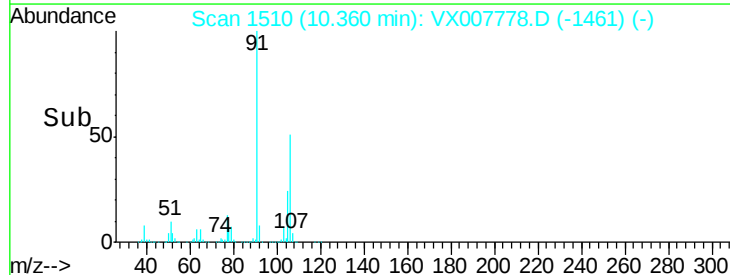
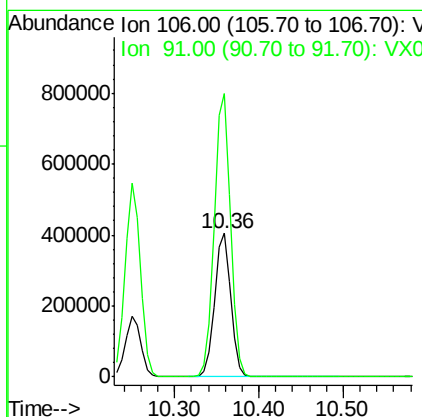
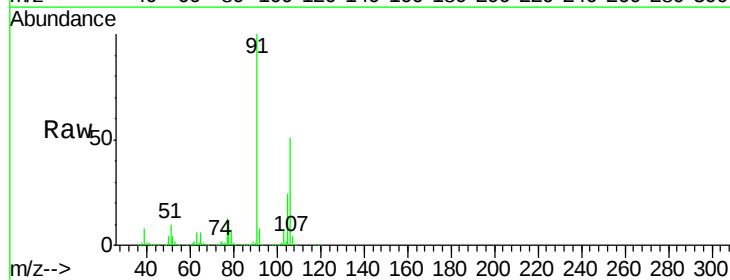
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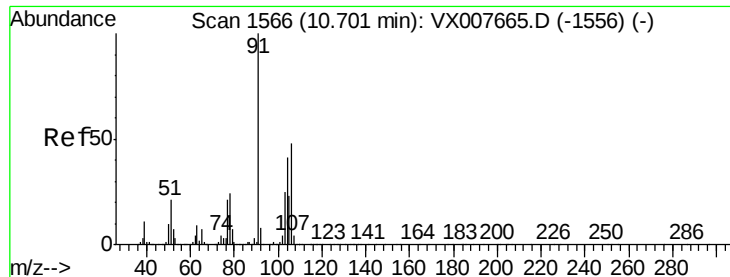
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#68
m/p-Xylenes
Concen: 99.556 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion: 106 Resp: 536032
Ion Ratio Lower Upper
106 100
91 199.3 156.6 234.8





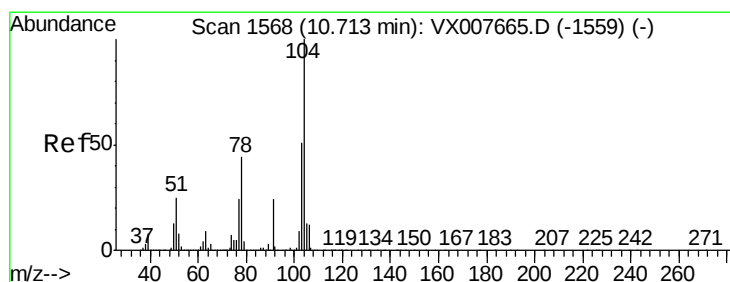
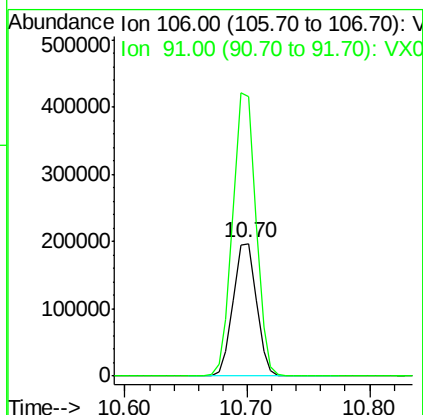
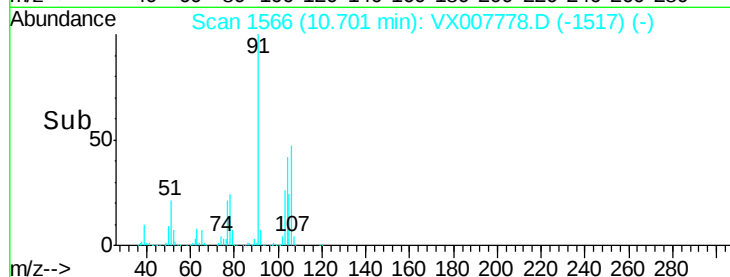
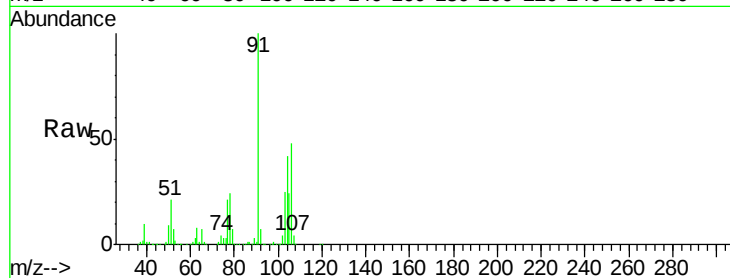
#69
o-Xylene
Concen: 50.318 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.2	102.9	308.7

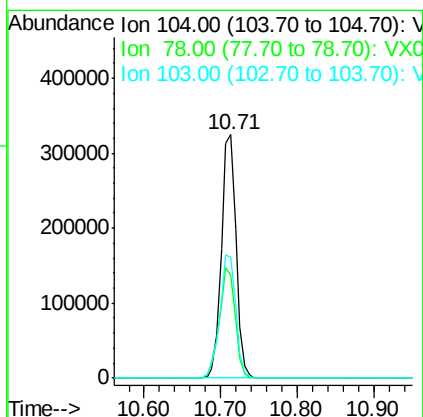
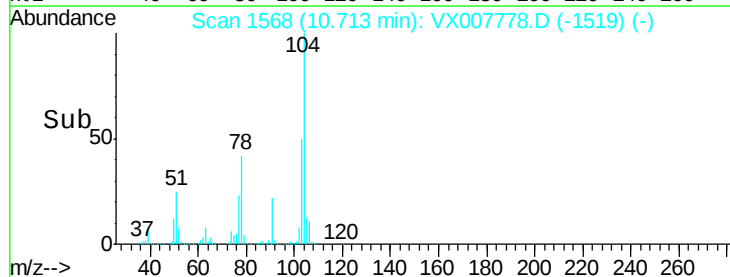
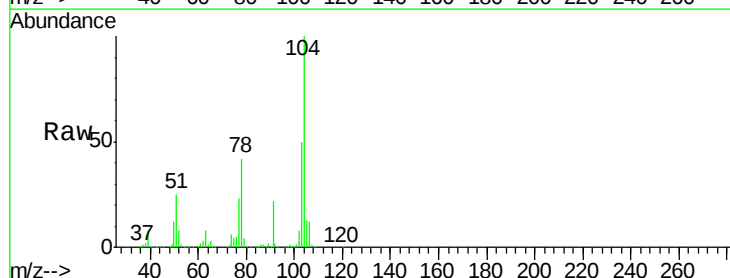
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#70
Styrene
Concen: 50.612 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	38.3	57.5
103	55.2	44.6	67.0





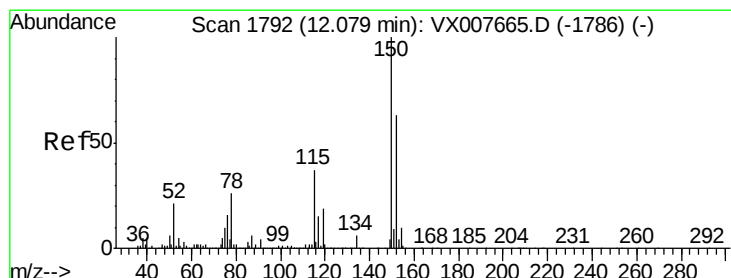
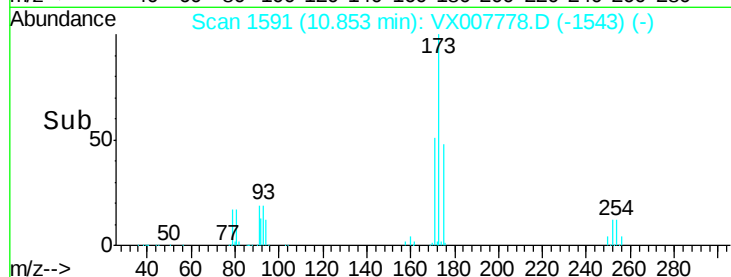
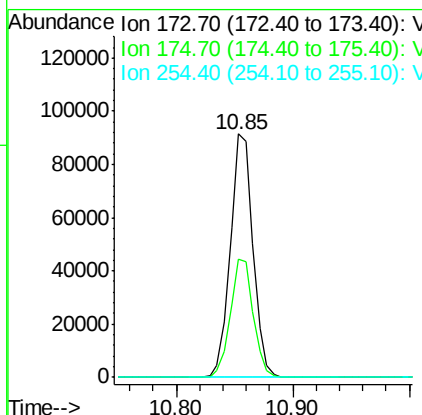
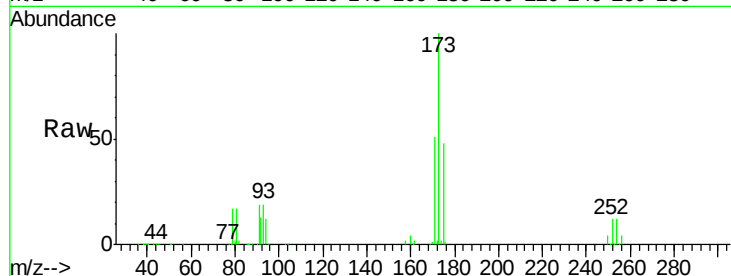
#71
Bromoform
Concen: 56.524 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.2	72.6
254	0.2	0.2	0.2

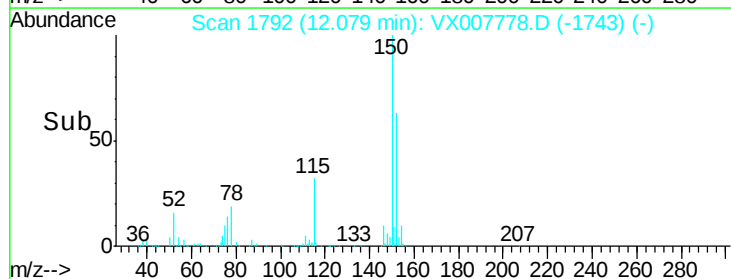
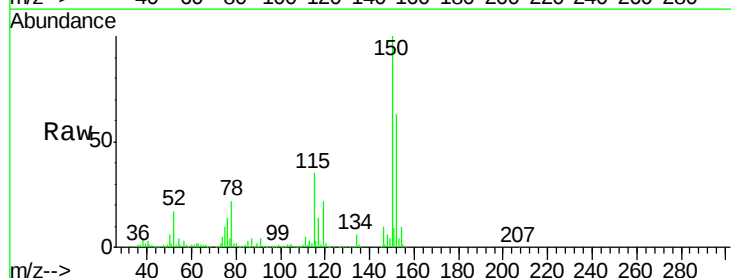
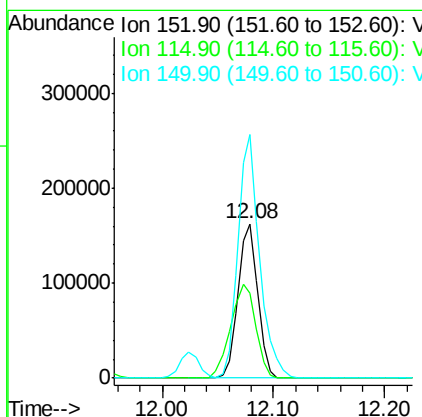
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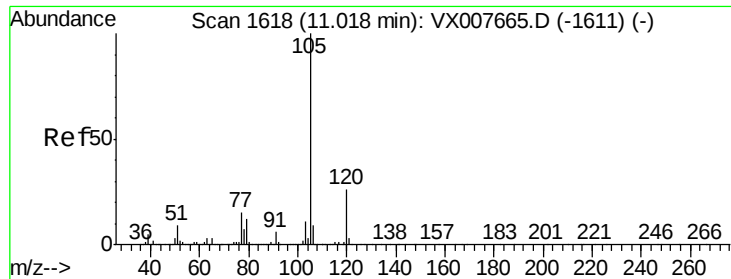
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	38.0	114.0
150	172.4	0.0	346.4





#73

Isopropylbenzene

Concen: 49.166 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 697226

Ion Ratio Lower Upper

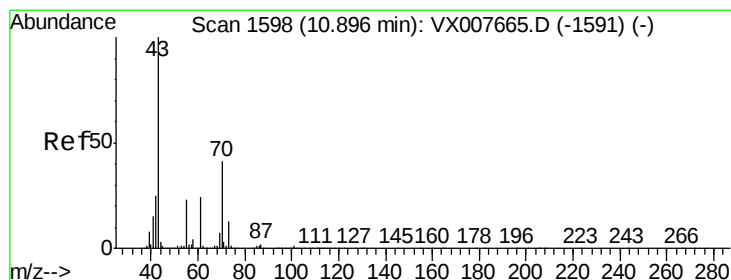
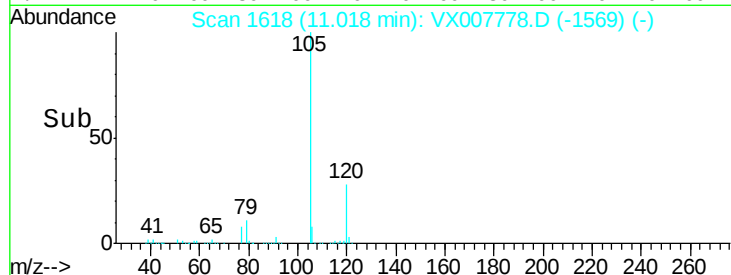
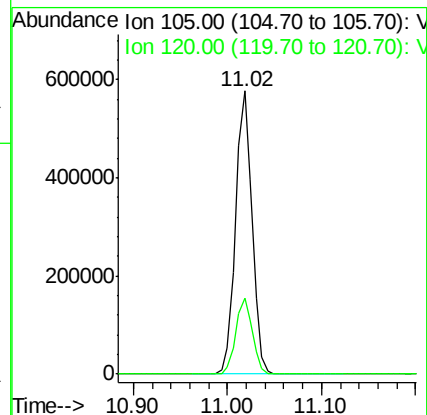
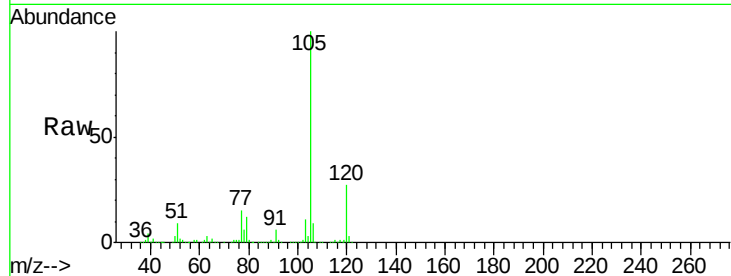
105 100

120 27.0 13.6 40.7

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#74

N-ethyl acetate

Concen: 51.328 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion: 43 Resp: 316093

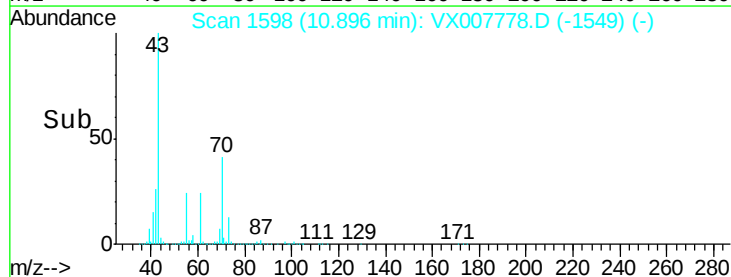
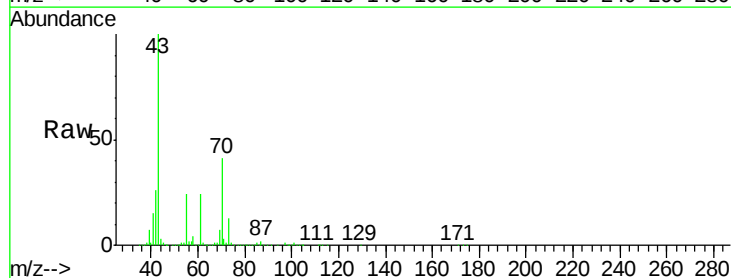
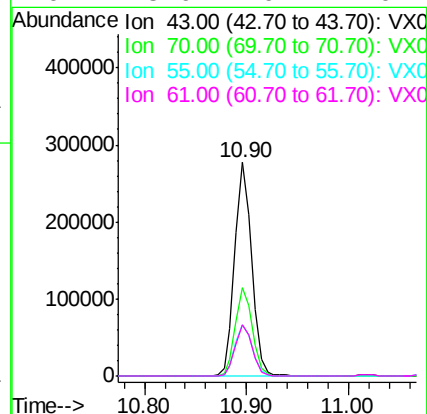
Ion Ratio Lower Upper

43 100

70 41.5 33.8 50.6

55 24.7 19.5 29.3

61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.315 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

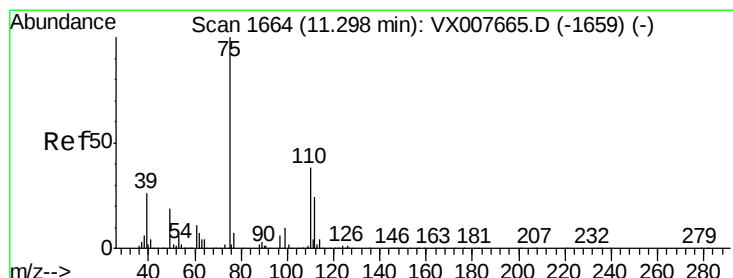
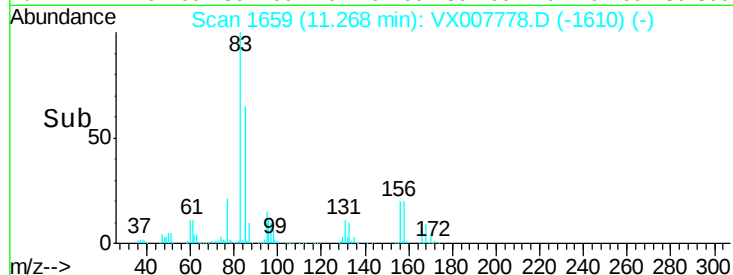
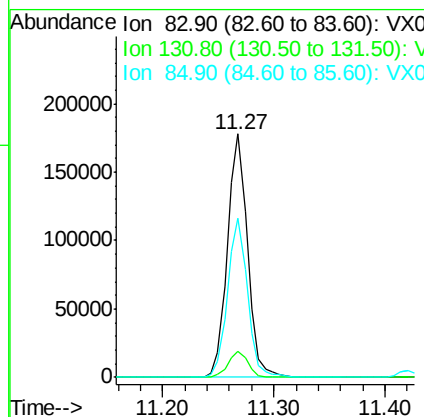
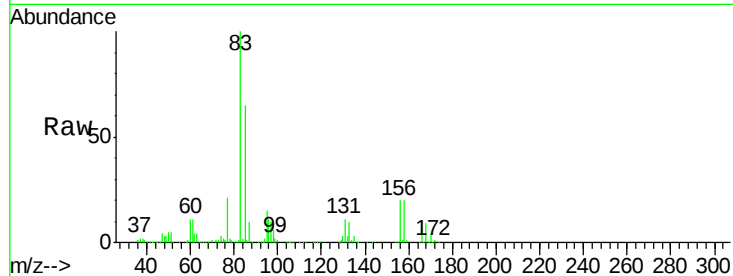
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	222264
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.0
85	64.8	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 44.621 ug/l m

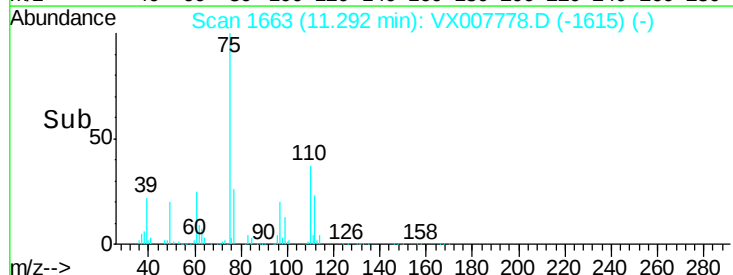
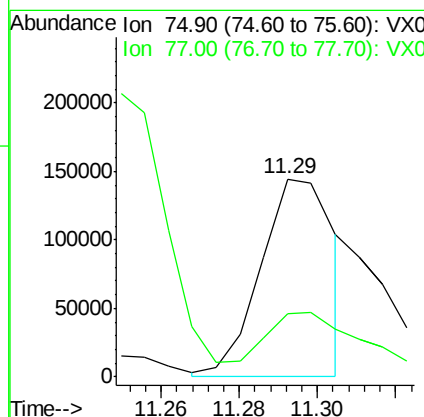
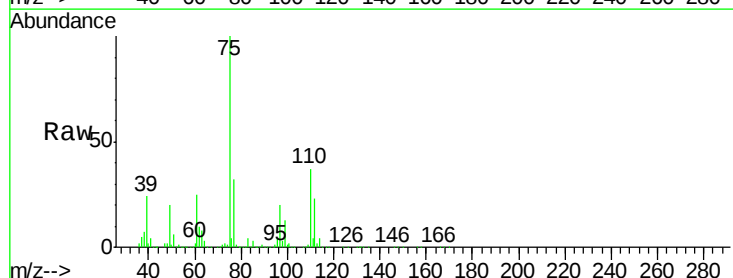
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion:	75	Resp:	188720
Ion Ratio	Lower	Upper	
75	100		
77	45.5	23.0	69.0





#77

Bromobenzene

Concen: 52.192 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

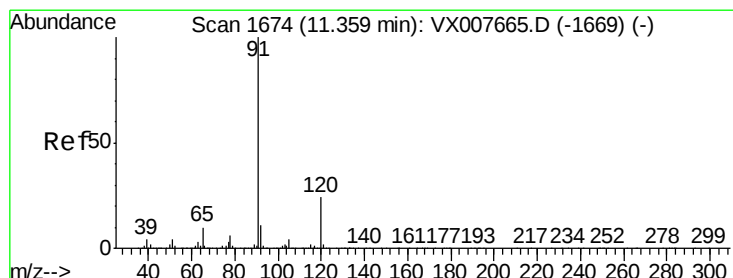
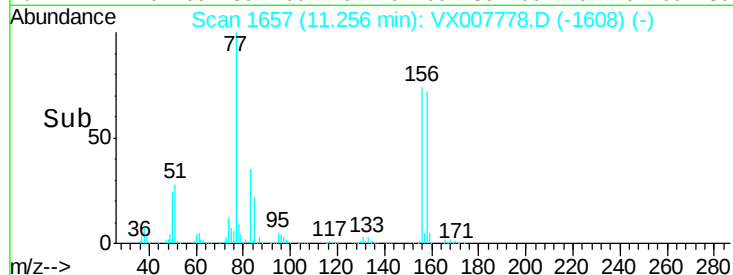
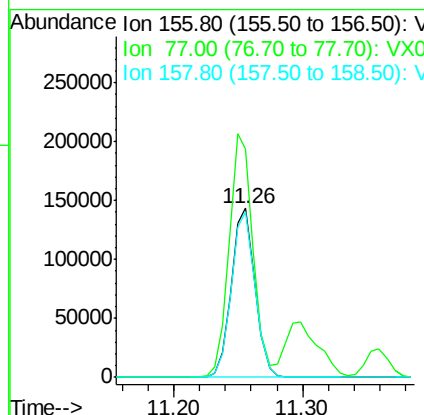
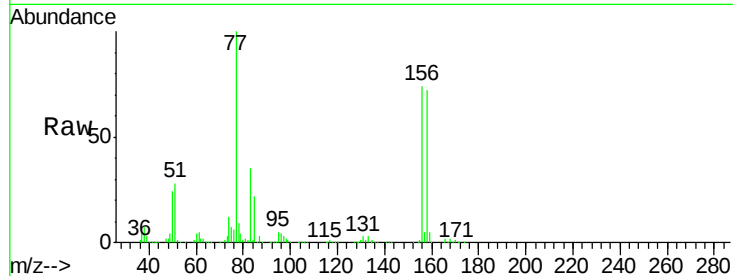
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	185645
Ion Ratio	Lower	Upper	
156	100		
77	144.2	66.8	200.6
158	97.6	47.9	143.8

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#78

n-propylbenzene

Concen: 48.554 ug/l

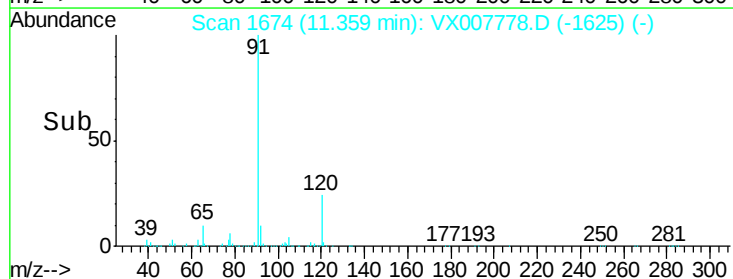
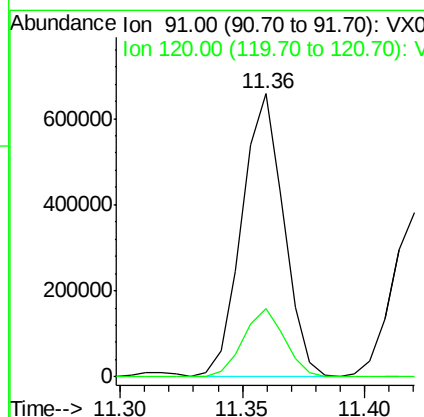
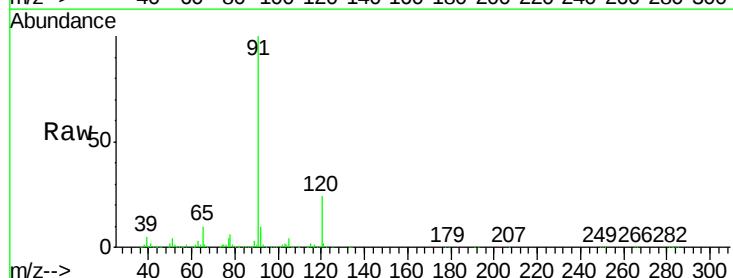
RT: 11.36 min Scan# 1674

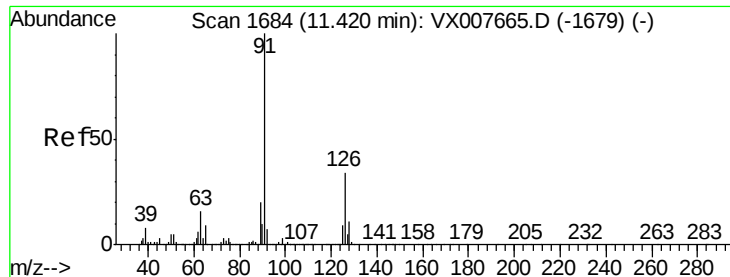
Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion:	91	Resp:	778074
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.4	37.2





#79

2-Chlorotoluene

Concen: 47.771 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 460939

Ion Ratio Lower Upper

91 100

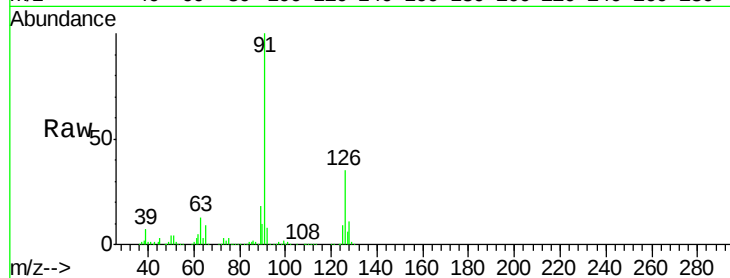
126 35.1 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX007778.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007778.D (-1679) (-)

600000

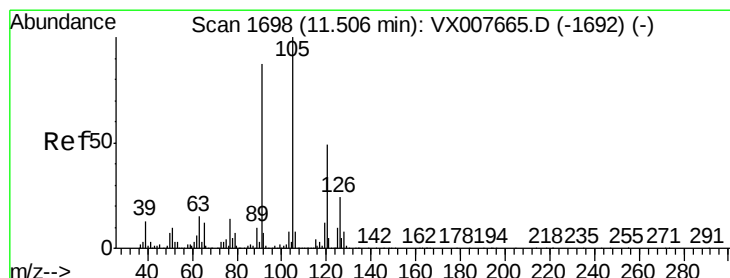
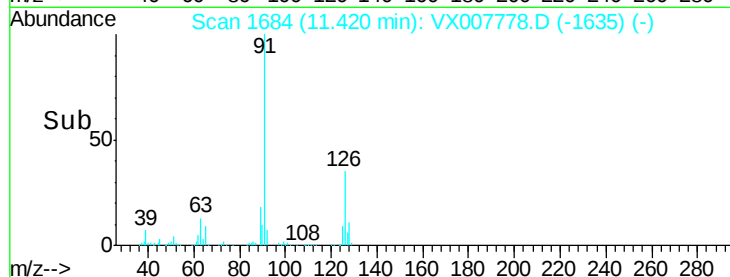
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.187 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007778.D

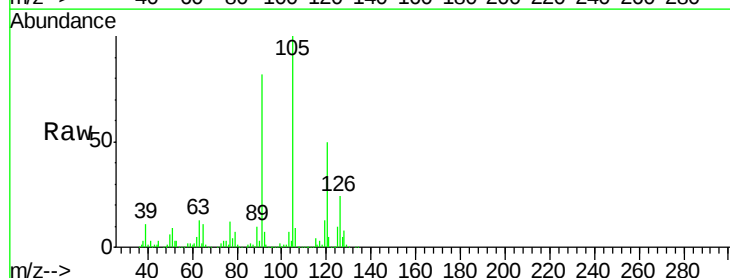
Acq: 28 Feb 2019 20:25

Tgt Ion: 105 Resp: 573761

Ion Ratio Lower Upper

105 100

120 49.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007778.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX007778.D (-1649) (-)

500000

400000

300000

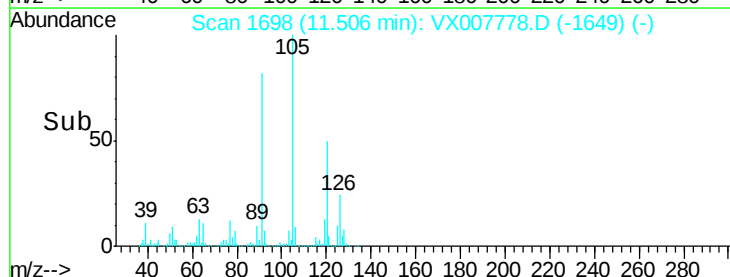
200000

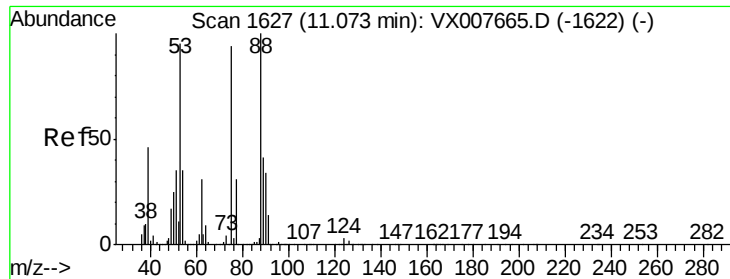
100000

0

11.45 11.50 11.55

Time-->





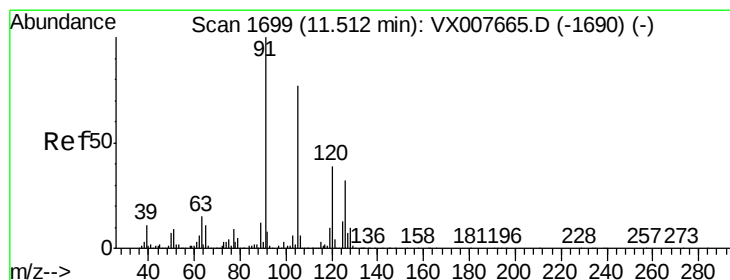
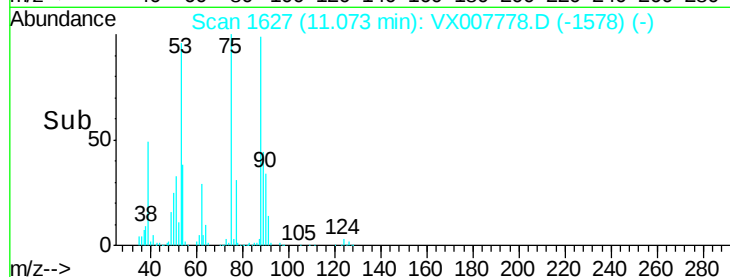
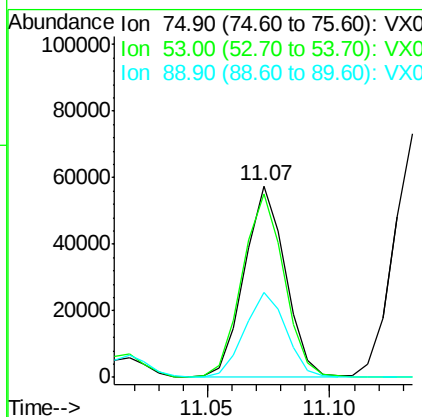
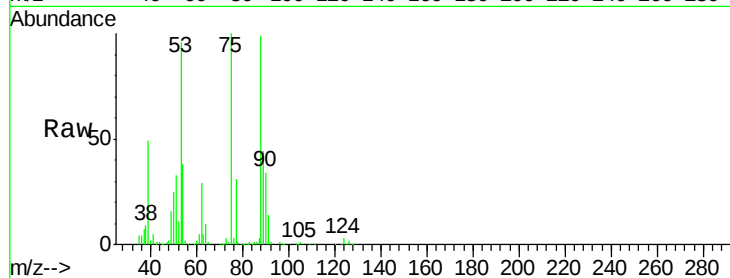
#81
trans-1,4-Dichloro-2-butene
Concen: 42.898 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	81.0	121.6
89	45.2	41.4	62.0

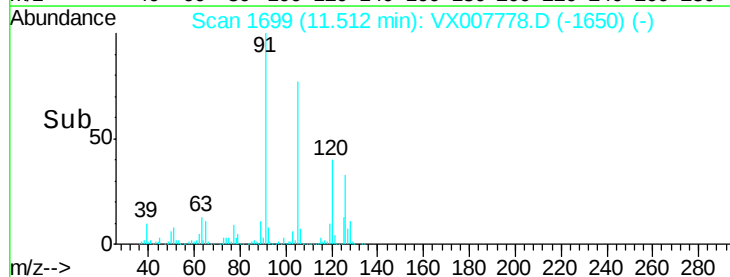
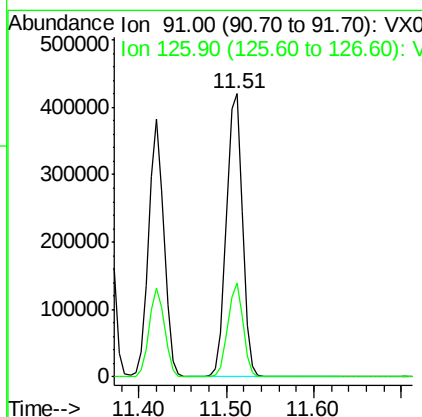
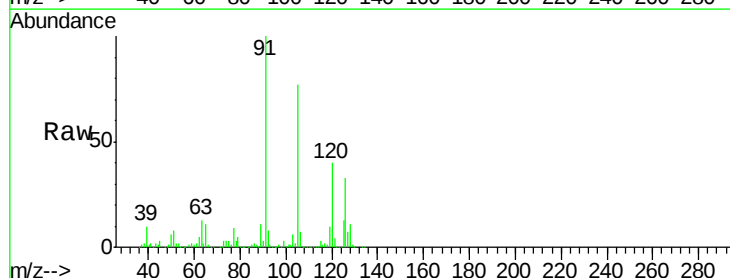
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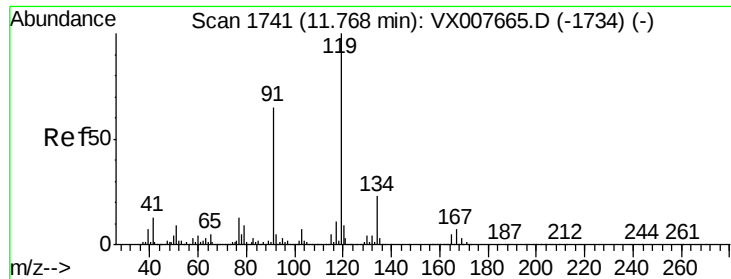
MMDadoda
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#82
4-Chlorotoluene
Concen: 47.236 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.2	48.5





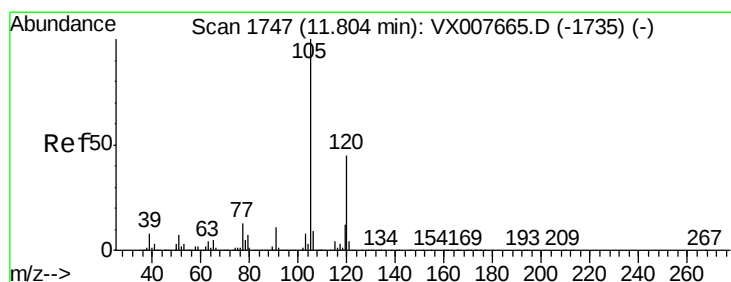
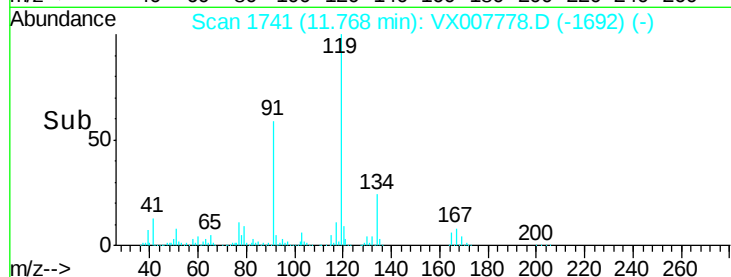
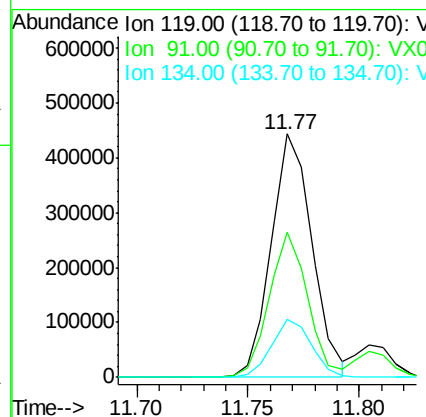
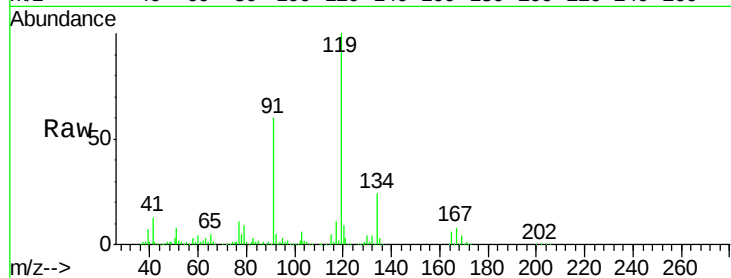
#83
tert-Butylbenzene
Concen: 50.575 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	566428		
91	56.1	28.5	85.6	
134	23.4	12.0	36.0	

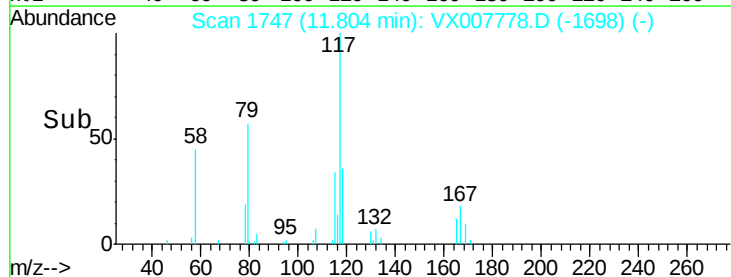
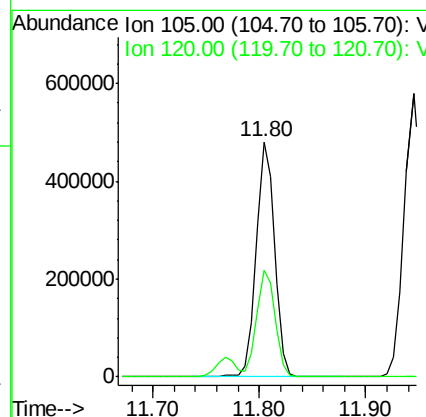
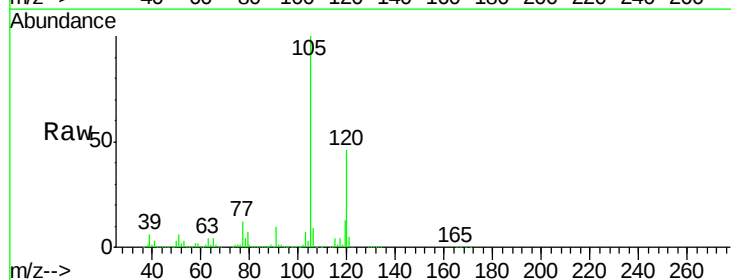
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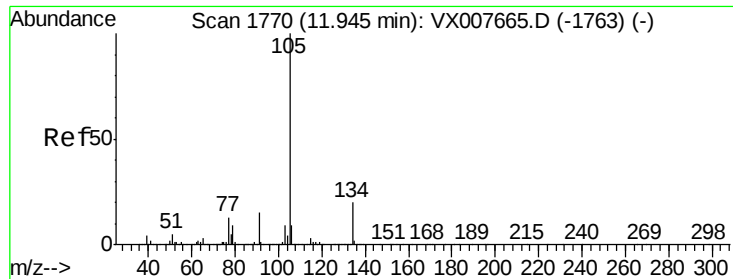
MMDadoda
3/1/2019 10:04:47 AM



#84
1,2,4-Trimethylbenzene
Concen: 49.014 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	584830		
120	45.2	23.1	69.3	





#85

sec-Butylbenzene

Concen: 49.212 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 690671

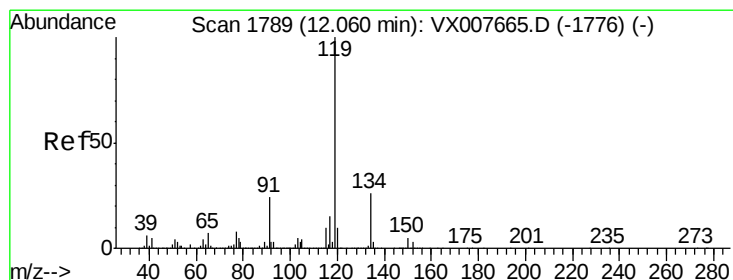
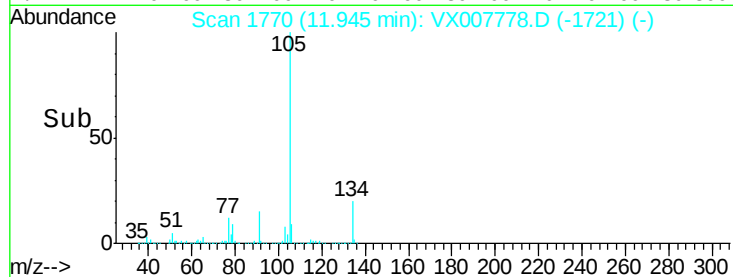
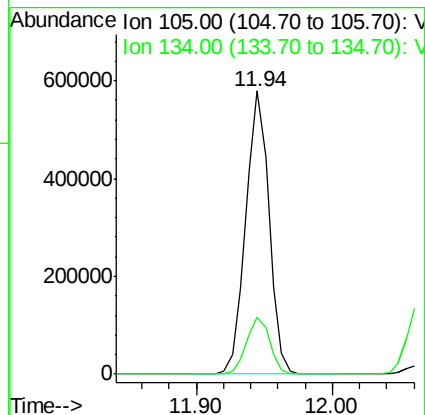
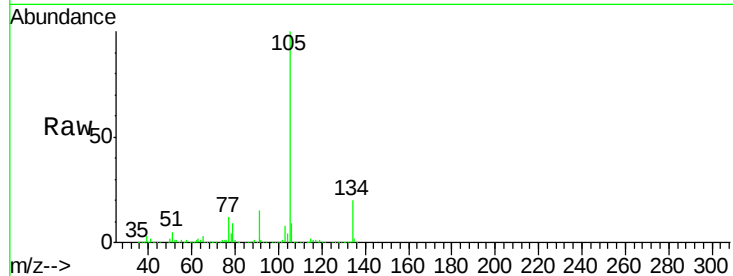
Ion Ratio Lower Upper

105 100

134 20.5 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 50.425 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

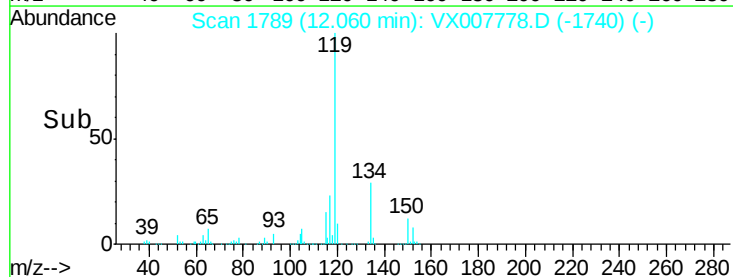
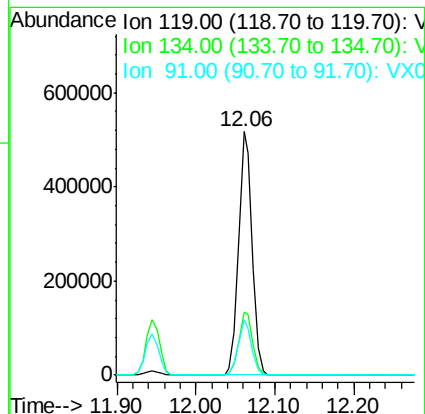
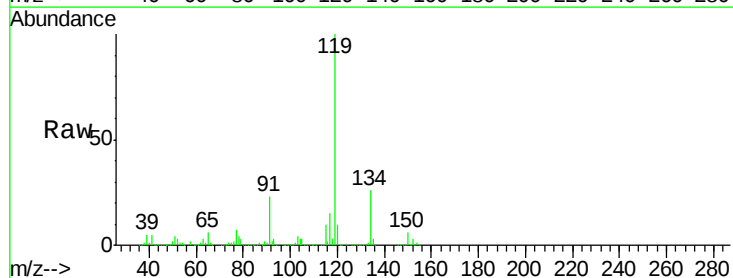
Tgt Ion:119 Resp: 619776

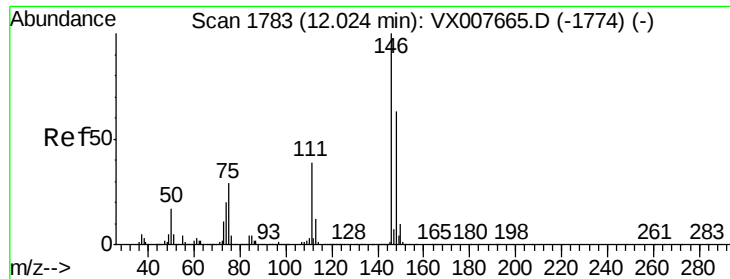
Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 22.1 11.2 33.5





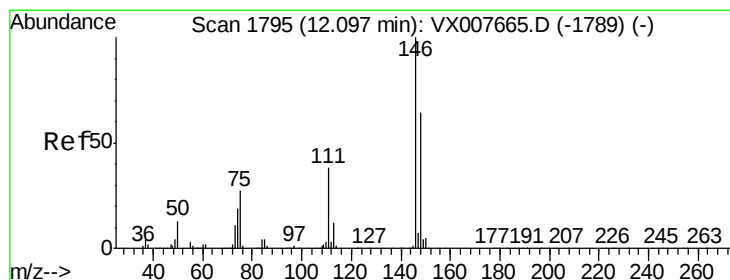
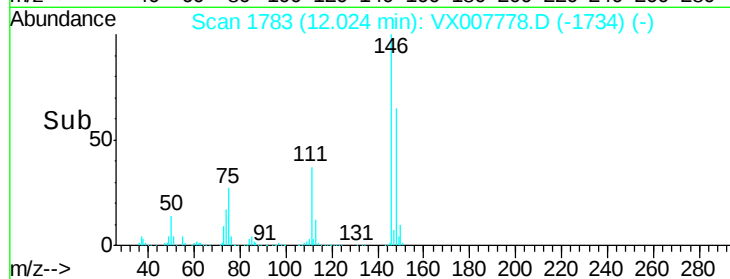
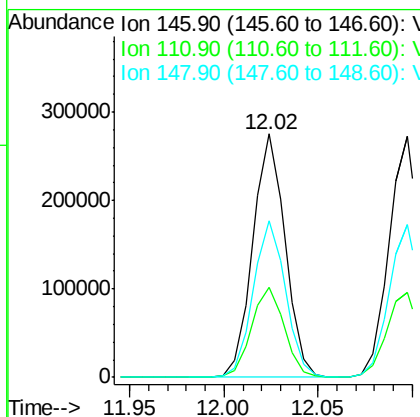
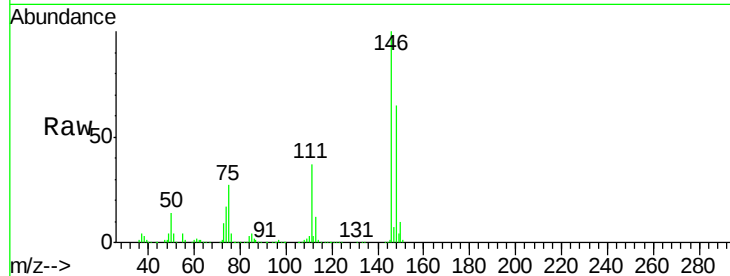
#87
 1,3-Dichlorobenzene
 Concen: 49.575 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	64.5	32.0	96.2

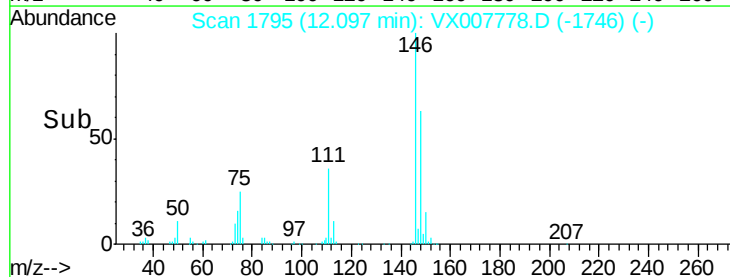
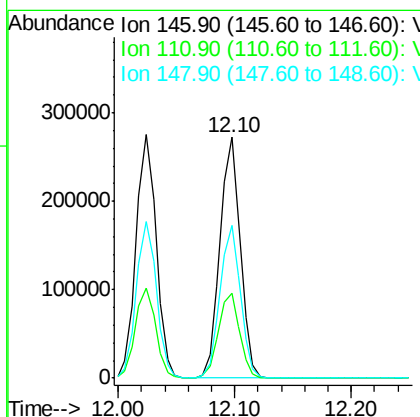
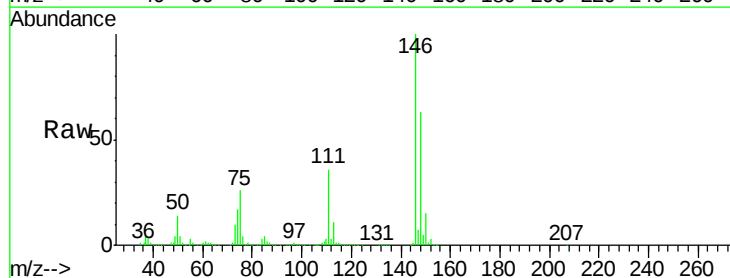
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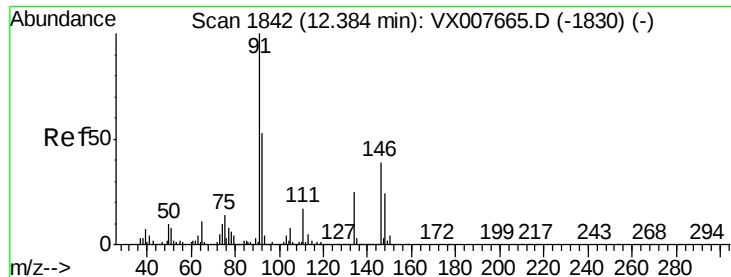
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#88
 1,4-Dichlorobenzene
 Concen: 48.533 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.1
148	63.7	32.3	96.9





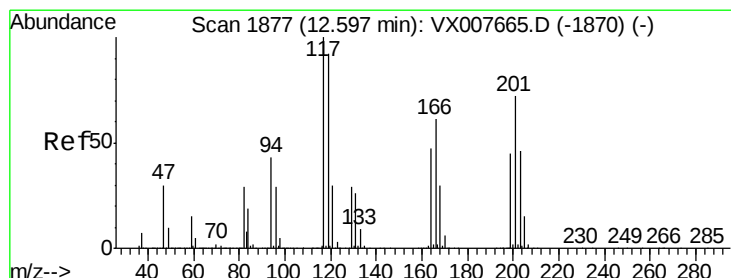
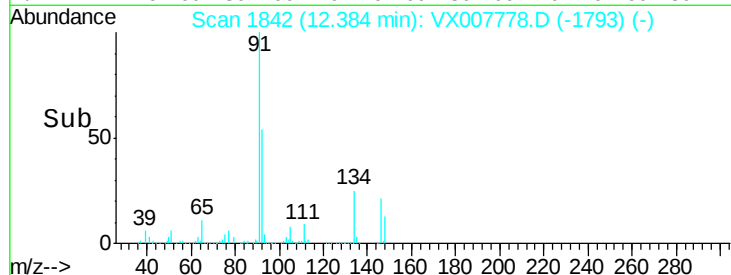
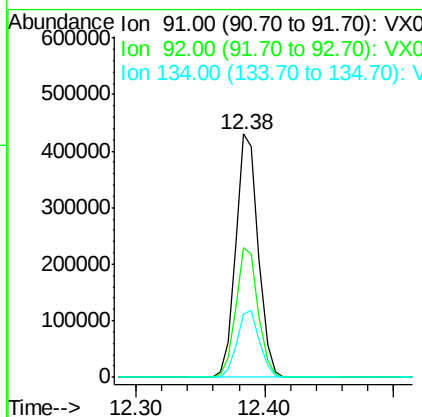
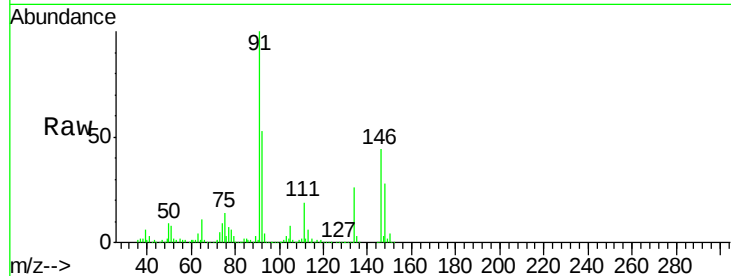
#89
n-Butylbenzene
Concen: 47.600 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.3	78.9
134	27.3	13.9	41.6

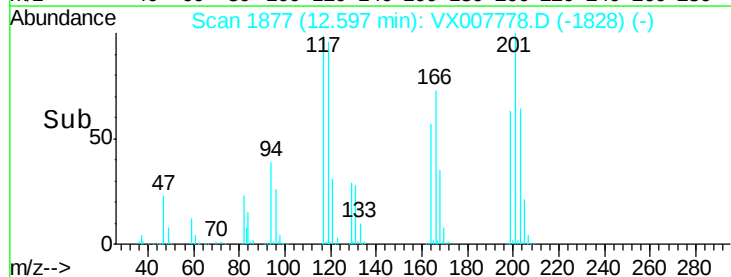
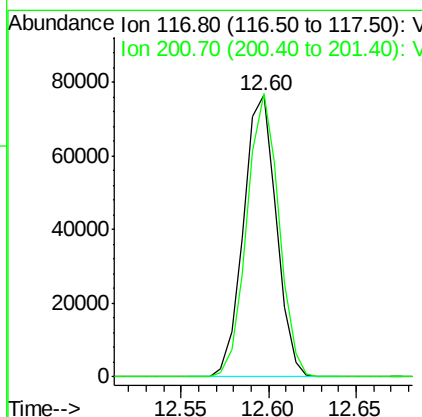
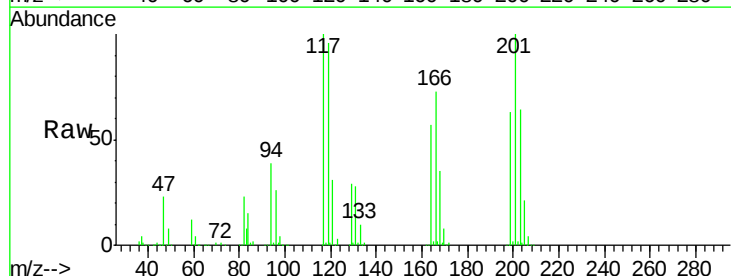
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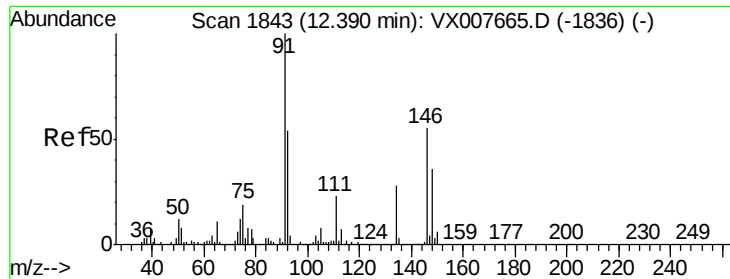
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#90
Hexachloroethane
Concen: 48.065 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007778.D
Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.9	44.9	134.7





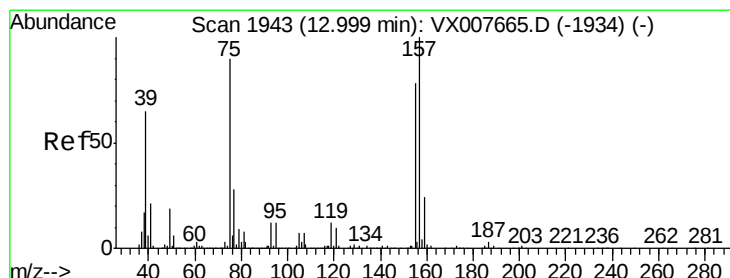
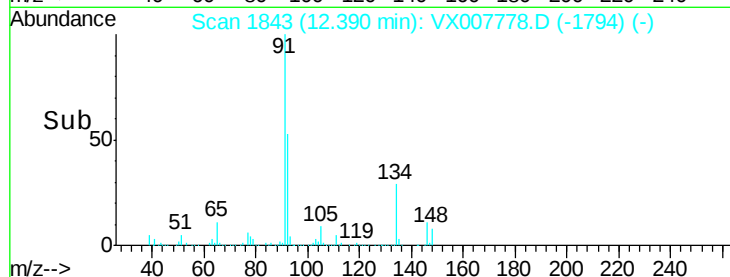
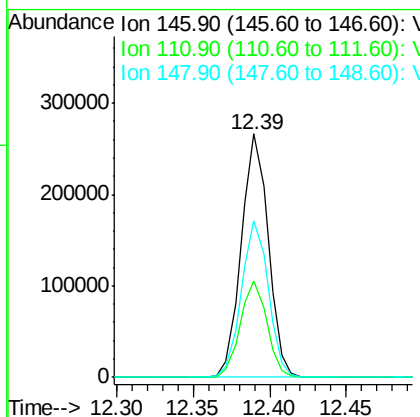
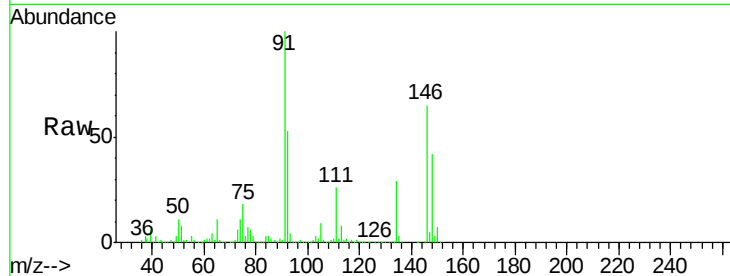
#91
 1,2-Dichlorobenzene
 Concen: 49.279 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	325317		
111	39.1	19.1	57.3	
148	64.1	32.1	96.3	

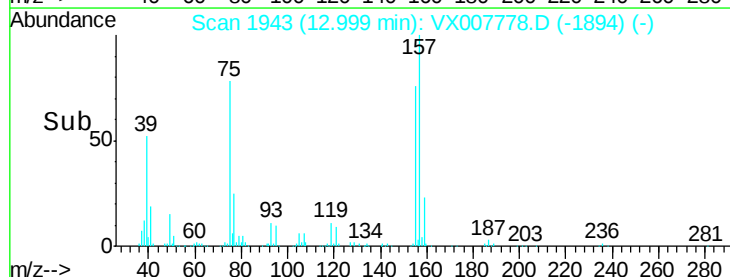
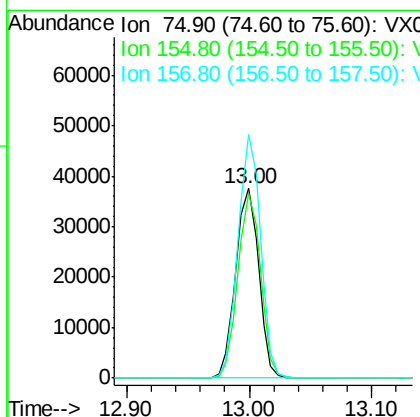
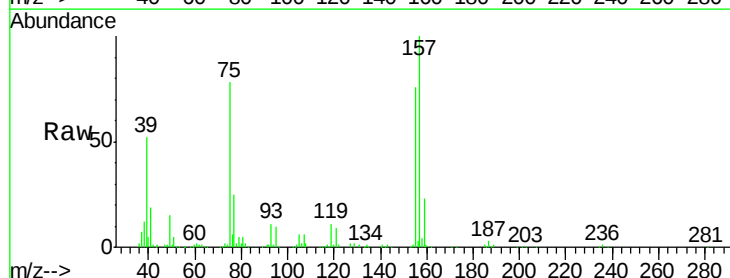
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.618 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007778.D
 Acq: 28 Feb 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48752		
155	96.0	49.6	149.0	
157	125.8	65.1	195.3	





#93

1,2,4-Trichlorobenzene

Concen: 57.134 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

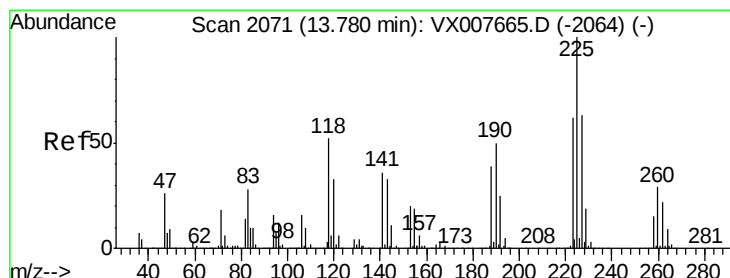
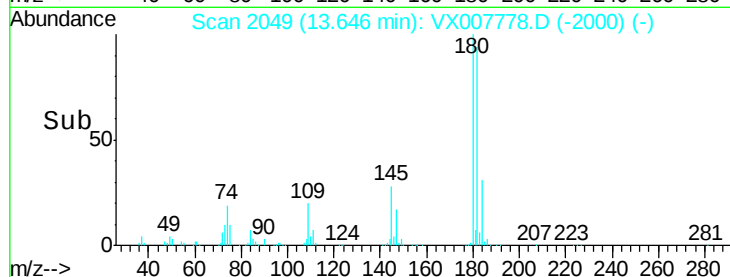
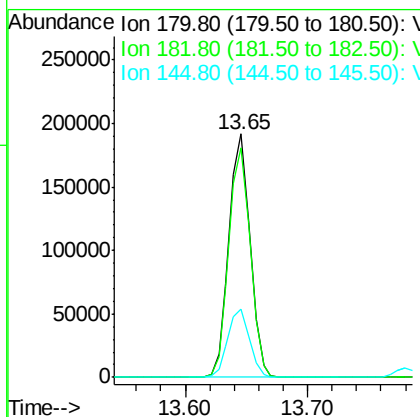
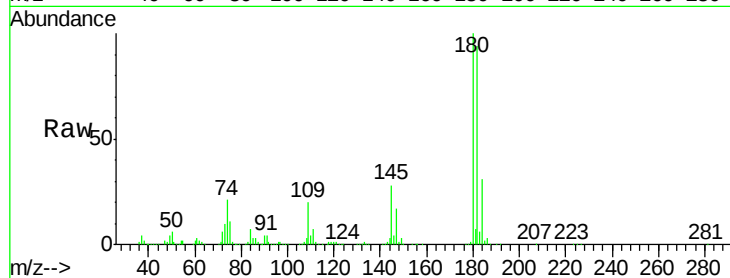
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	230229
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.8	143.3
145	28.5	14.1	42.2

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 64.470 ug/l

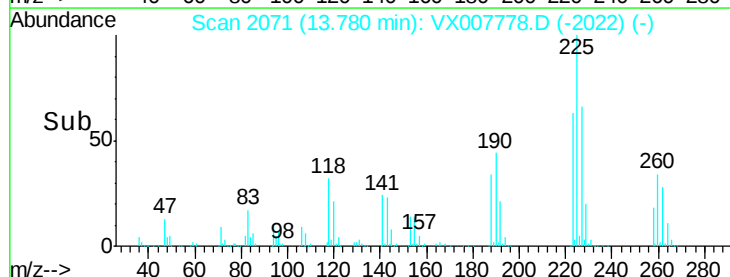
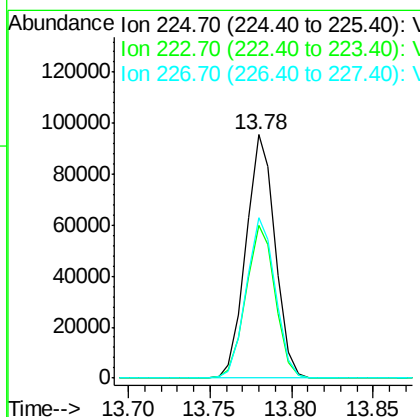
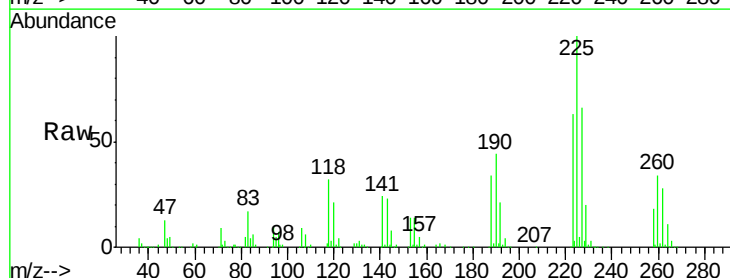
RT: 13.78 min Scan# 2071

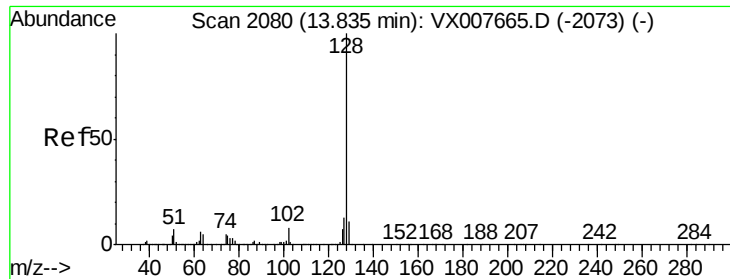
Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Tgt Ion:	225	Resp:	118845
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.6	94.8
227	65.6	32.1	96.3





#95

Naphthalene

Concen: 52.337 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007778.D

Acq: 28 Feb 2019 20:25

Instrument :

MSVOA_X

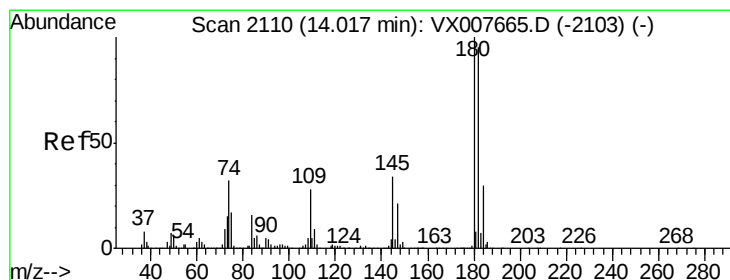
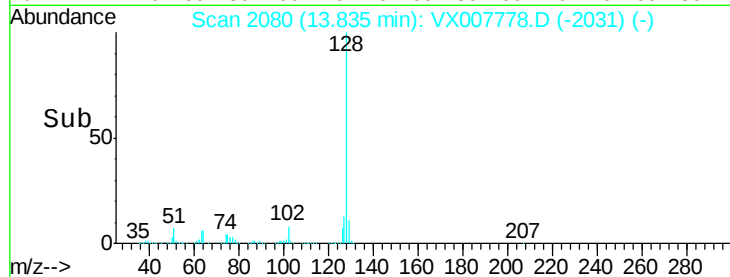
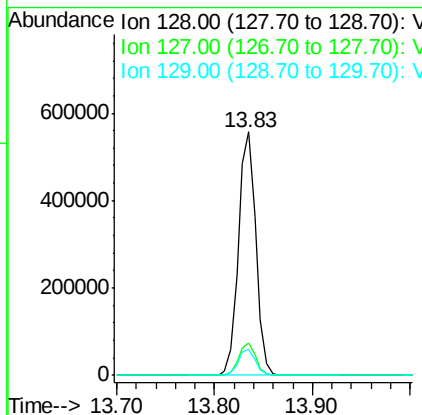
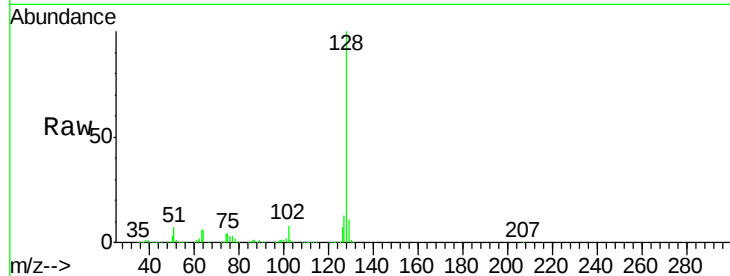
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	683283
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/1/2019 10:04:47 AM



#96

1,2,3-Trichlorobenzene

Concen: 56.778 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

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Acq: 28 Feb 2019 20:25

Tgt Ion:	180	Resp:	229733
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.5	142.6
145	29.8	14.9	44.5

