

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012219\
 Data File : VX007193.D
 Acq On : 22 Jan 2019 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:29:46 AM

Quant Time: Jan 23 02:17:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	468961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	679973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	635970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	338713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	233080	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	217958	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	791541	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	292508	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	184723	47.966	ug/l	99
3) Chloromethane	1.33	50	213395	47.599	ug/l	100
4) Vinyl Chloride	1.41	62	229190	47.525	ug/l	99
5) Bromomethane	1.64	94	238614	46.311	ug/l	99
6) Chloroethane	1.71	64	154841	45.983	ug/l	97
7) Trichlorofluoromethane	1.93	101	375512	48.191	ug/l	97
8) Diethyl Ether	2.19	74	148507	47.905	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	221063	47.387	ug/l	99
10) Methyl Iodide	2.51	142	336923	53.541	ug/l	100
11) Tert butyl alcohol	3.07	59	289210	250.155	ug/l	98
12) 1,1-Dichloroethene	2.37	96	205603	47.702	ug/l	100
13) Acrolein	2.29	56	160957	321.908	ug/l	97
14) Allyl chloride	2.73	41	361554	48.946	ug/l	99
15) Acrylonitrile	3.15	53	680086	256.245	ug/l	100
16) Acetone	2.45	43	583033	240.633	ug/l	100
17) Carbon Disulfide	2.57	76	452846	40.809	ug/l	99
18) Methyl Acetate	2.78	43	369285	52.630	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	744939	49.796	ug/l	98
20) Methylene Chloride	2.86	84	238919	51.865	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	218620	45.516	ug/l	96
22) Diisopropyl ether	3.87	45	683181	49.196	ug/l	98
23) Vinyl Acetate	3.82	43	2826934	241.388	ug/l	99
24) 1,1-Dichloroethane	3.70	63	375440	48.350	ug/l	99
25) 2-Butanone	4.70	43	869684	250.858	ug/l	98
26) 2,2-Dichloropropane	4.59	77	263451	44.121	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	248830	46.967	ug/l	99
28) Bromochloromethane	5.02	49	169385	49.788	ug/l	95
29) Tetrahydrofuran	5.15	42	556330	246.926	ug/l	97
30) Chloroform	5.22	83	403827	49.671	ug/l	100
31) Cyclohexane	5.57	56	312508	45.217	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	342231	49.663	ug/l	99
36) 1,1-Dichloropropene	5.80	75	282447	47.777	ug/l	100
37) Ethyl Acetate	4.85	43	322551	50.892	ug/l	98
38) Carbon Tetrachloride	5.78	117	295073	49.609	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	343111	45.526	ug/l	98
40) Benzene	6.14	78	882890	48.944	ug/l	99
41) Methacrylonitrile	5.06	41	179053	49.040	ug/l	98
42) 1,2-Dichloroethane	6.20	62	305984	49.087	ug/l	99
43) Isopropyl Acetate	6.46	43	512323	51.246	ug/l	99
44) Trichloroethene	7.21	130	258811	47.879	ug/l	98
45) 1,2-Dichloropropane	7.51	63	230807	50.895	ug/l	96
46) Dibromomethane	7.66	93	163562	51.318	ug/l	99
47) Bromodichloromethane	7.90	83	290260	53.503	ug/l	96
48) Methyl methacrylate	7.77	41	267523	52.108	ug/l	97
49) 1,4-Dioxane	7.75	88	123383	1052.805	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1760417	274.000	ug/l	99
52) Toluene	8.79	92	578795	49.922	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	321082	53.374	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	350502	52.759	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	251120	54.113	ug/l	98
56) Ethyl methacrylate	9.18	69	371120	54.780	ug/l	96
57) 1,3-Dichloropropane	9.37	76	399682	52.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	899469	258.223	ug/l	99
59) 2-Hexanone	9.49	43	1320720	269.748	ug/l	99
60) Dibromochloromethane	9.59	129	256146	56.842	ug/l	99
61) 1,2-Dibromoethane	9.67	107	269004	52.654	ug/l	99
64) Tetrachloroethene	9.34	164	263019	47.769	ug/l	98
65) Chlorobenzene	10.14	112	687633	49.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247496	53.041	ug/l	99
67) Ethyl Benzene	10.25	91	1122556	49.022	ug/l	100
68) m/p-Xylenes	10.36	106	892019	98.873	ug/l	99
69) o-Xylene	10.70	106	436542	49.615	ug/l	96
70) Styrene	10.71	104	725516	52.064	ug/l	99
71) Bromoform	10.86	173	199441	47.985	ug/l #	99
73) Isopropylbenzene	11.02	105	1171366	49.044	ug/l	99
74) N-amyl acetate	10.90	43	475247	49.421	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	372576	49.137	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	348014m	50.702	ug/l	
77) Bromobenzene	11.26	156	318847	48.450	ug/l	99
78) n-propylbenzene	11.36	91	1309402	49.940	ug/l	99
79) 2-Chlorotoluene	11.42	91	768282	48.678	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	973293	48.770	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99075	44.048	ug/l	96
82) 4-Chlorotoluene	11.51	91	899164	49.204	ug/l	100
83) tert-Butylbenzene	11.77	119	991315	49.786	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	992256	49.444	ug/l	99
85) sec-Butylbenzene	11.94	105	1186599	49.899	ug/l	100
86) p-Isopropyltoluene	12.07	119	1057619	49.723	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	572644	48.142	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	572075	50.758	ug/l	99
89) n-Butylbenzene	12.39	91	897564	49.501	ug/l	99
90) Hexachloroethane	12.60	117	165990	48.948	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	568149	48.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77281	51.534	ug/l	98

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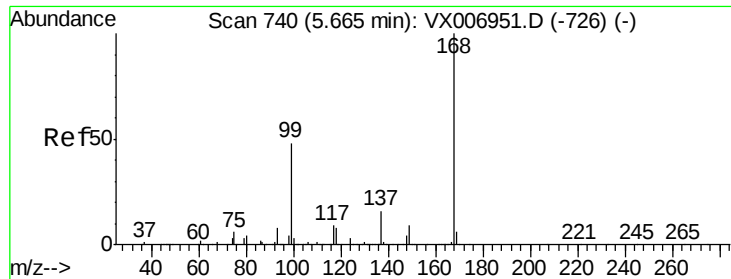
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	395077	49.056	ug/l	99
94) Hexachlorobutadiene	13.78	225	182070	50.945	ug/l	98
95) Naphthalene	13.83	128	1229371	50.376	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	394935	49.365	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 468961

Ion Ratio Lower Upper

168 100

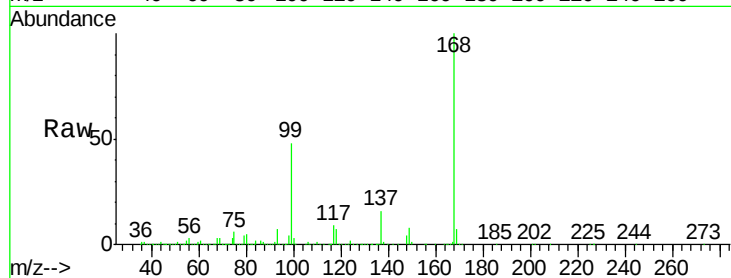
99 47.5 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

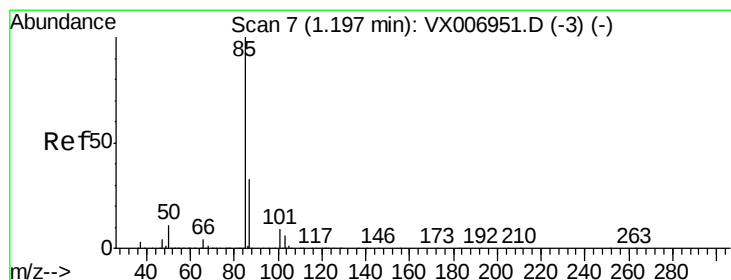
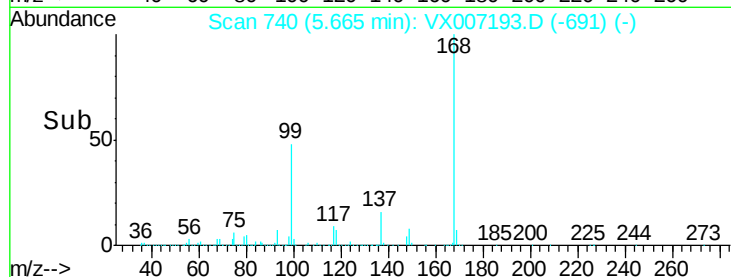
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.966 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007193.D

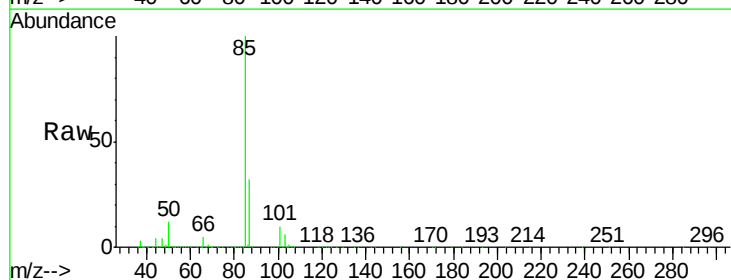
Acq: 22 Jan 2019 20:21

Tgt Ion: 85 Resp: 184723

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

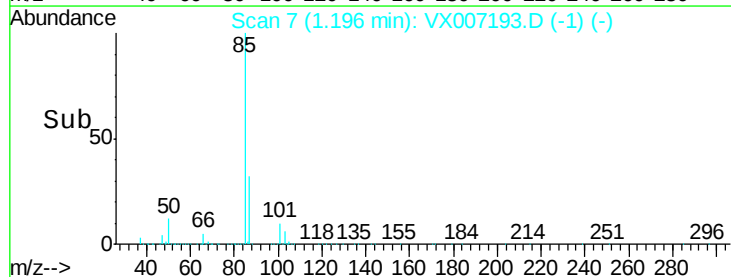
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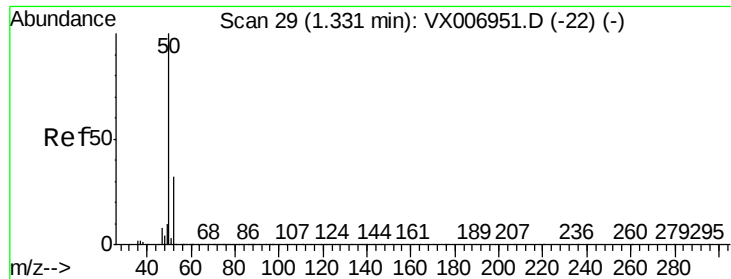
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.599 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 213395

Ion Ratio Lower Upper

50 100

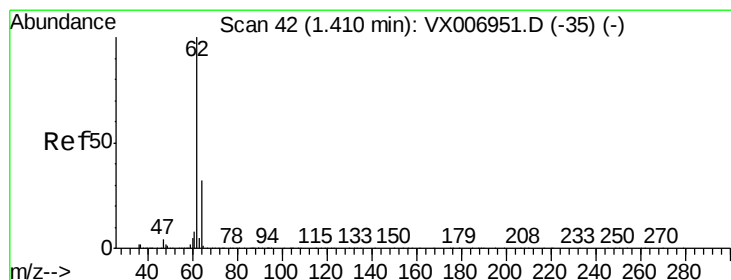
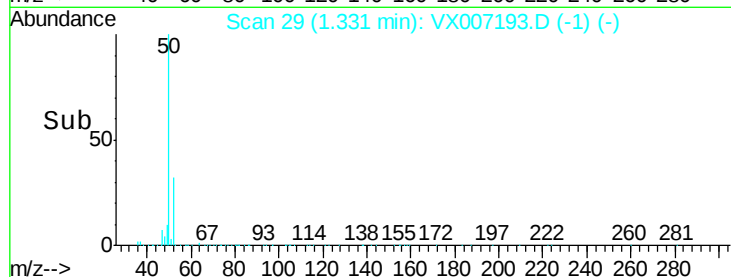
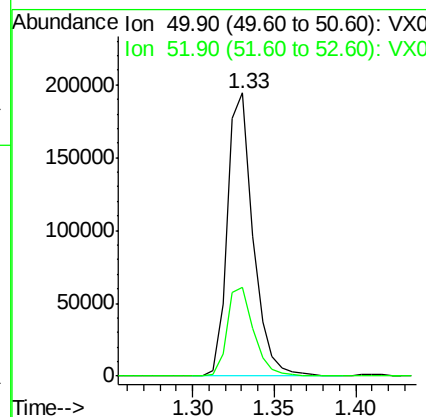
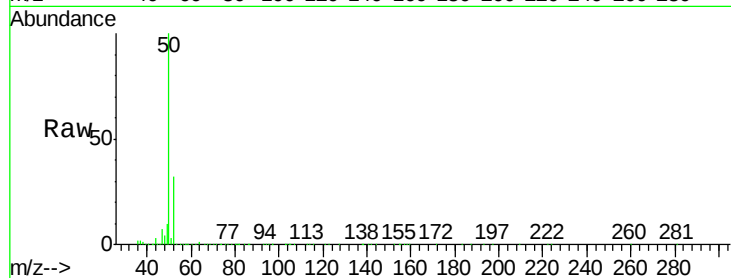
52 31.6 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.525 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007193.D

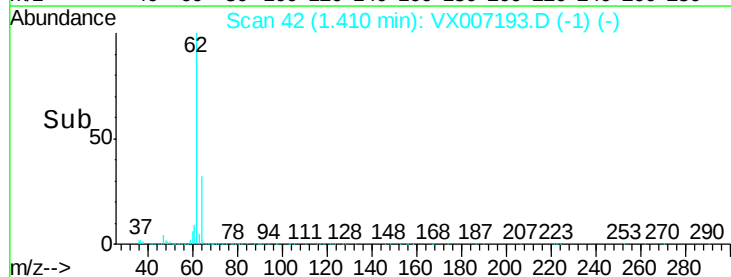
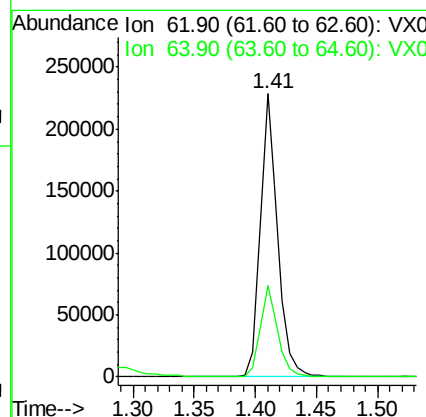
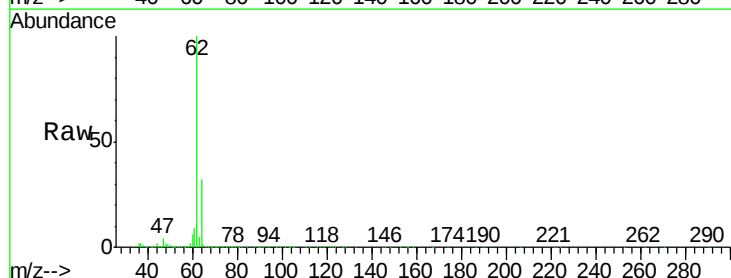
Acq: 22 Jan 2019 20:21

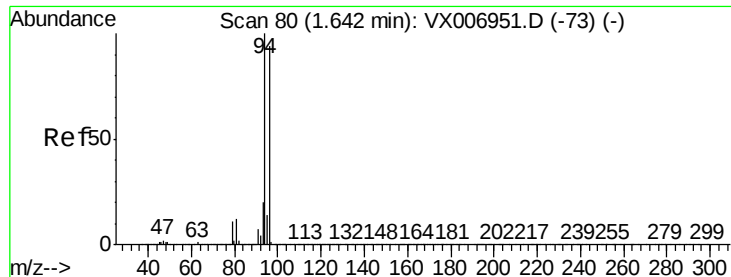
Tgt Ion: 62 Resp: 229190

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 46.311 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 238614

Ion Ratio Lower Upper

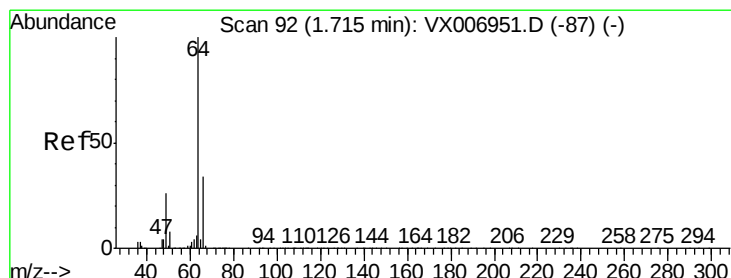
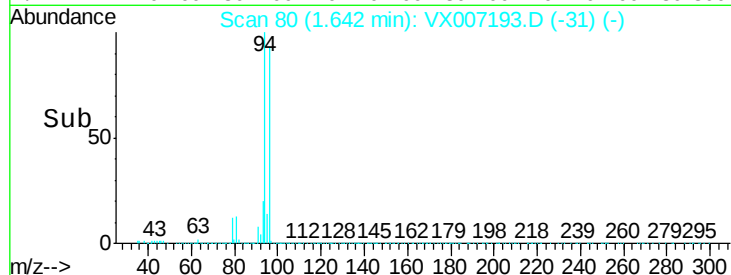
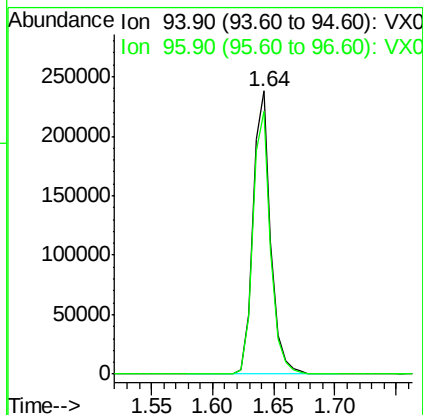
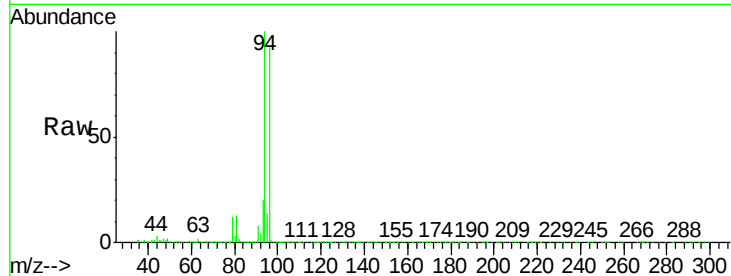
94 100

96 93.0 73.4 110.2

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#6

Chloroethane

Concen: 45.983 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007193.D

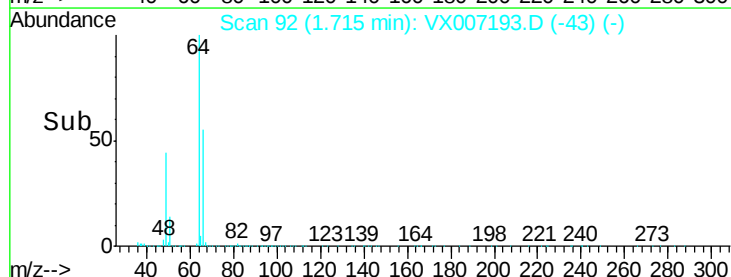
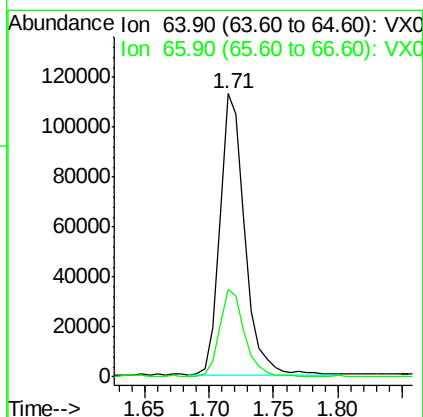
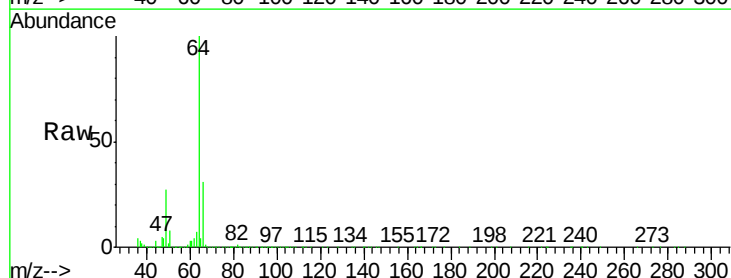
Acq: 22 Jan 2019 20:21

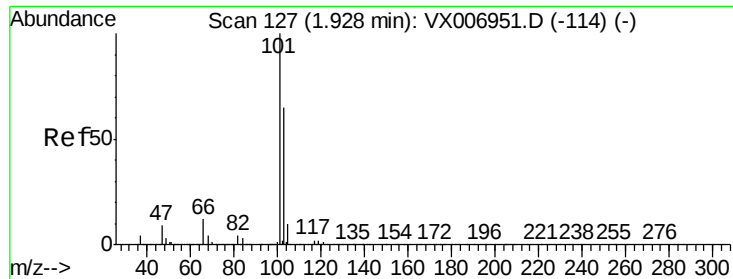
Tgt Ion: 64 Resp: 154841

Ion Ratio Lower Upper

64 100

66 31.1 26.4 39.6





#7

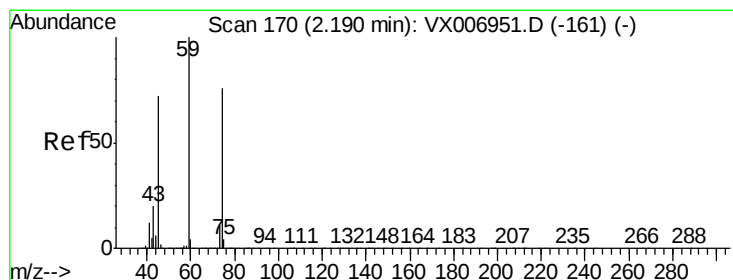
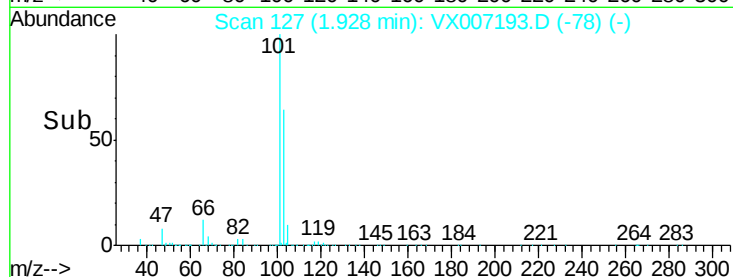
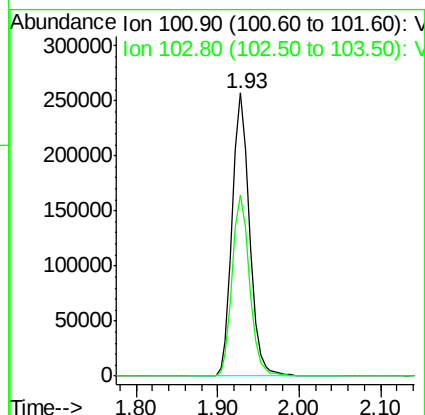
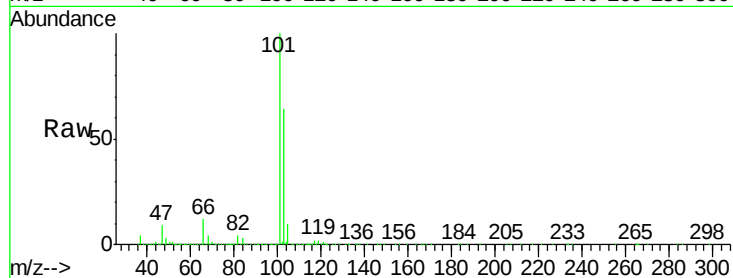
Trichlorofluoromethane
Concen: 48.191 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	53.2	79.8

Manual Integrations
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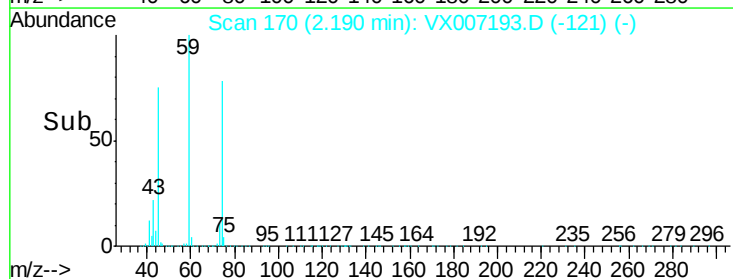
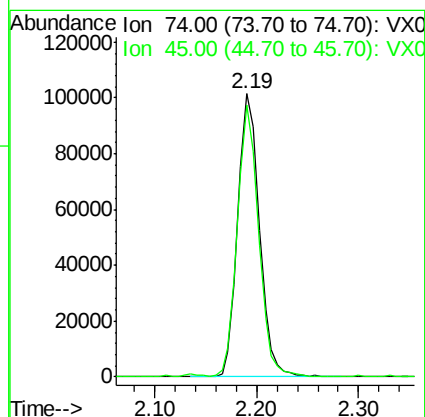
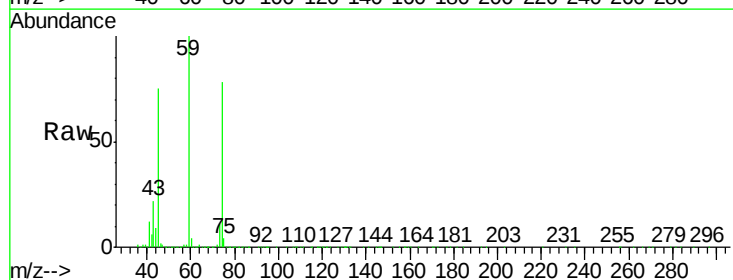
MMDadoda
1/23/2019 11:29:46 AM

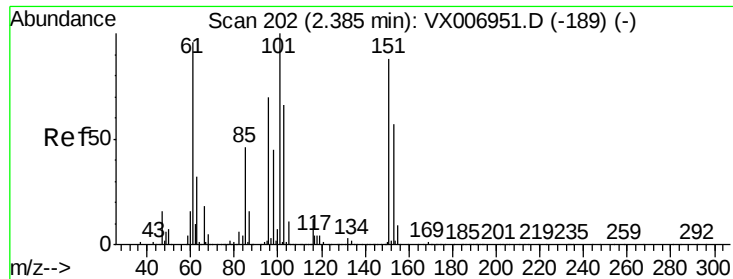


#8

Diethyl Ether
Concen: 47.905 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.1	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.387 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

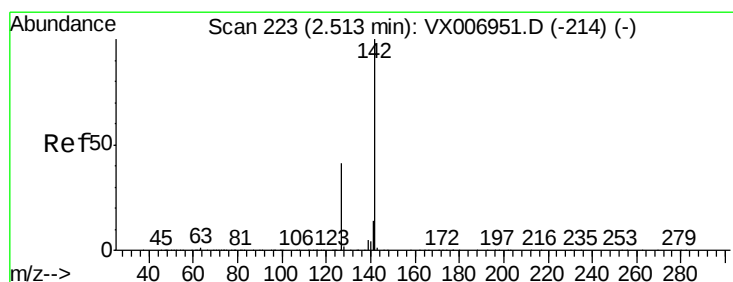
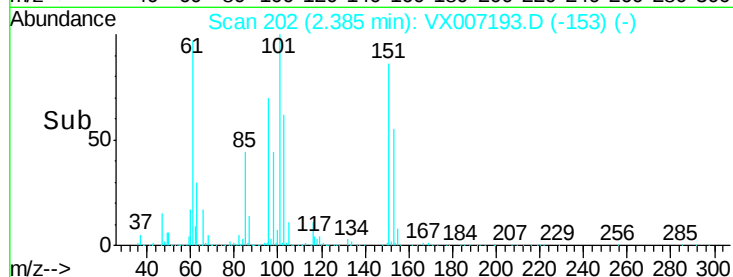
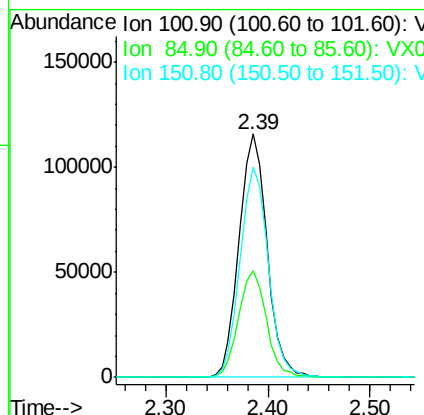
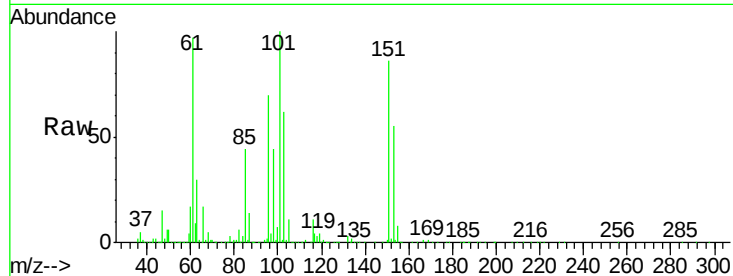
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	221063
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.1	52.7
151	87.2	68.9	103.3

Manual Integrations
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1/23/2019 11:29:46 AM



#10

Methyl Iodide

Concen: 53.541 ug/l

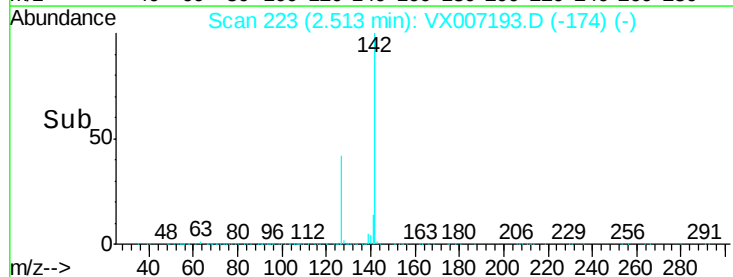
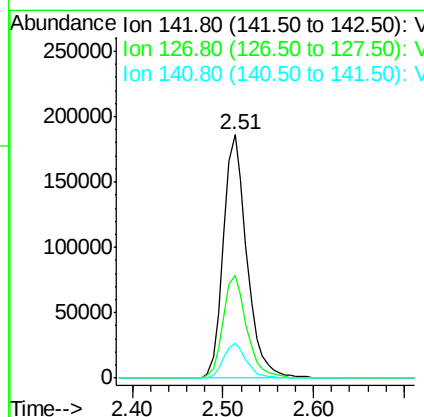
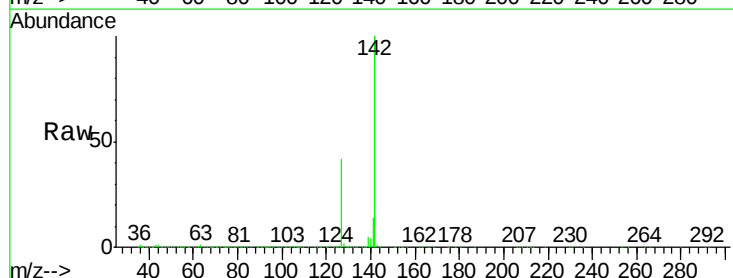
RT: 2.51 min Scan# 223

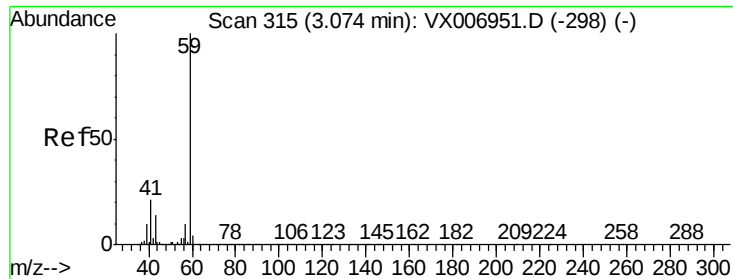
Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion:	142	Resp:	336923
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.9	50.9
141	14.1	11.4	17.0





#11

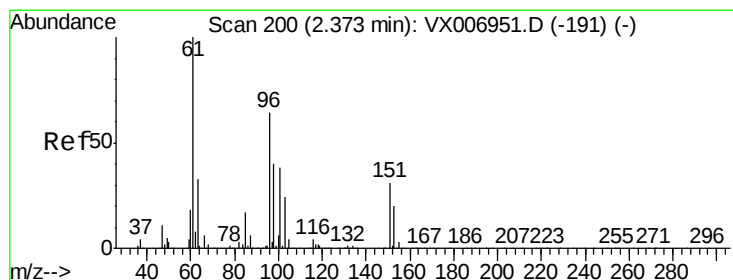
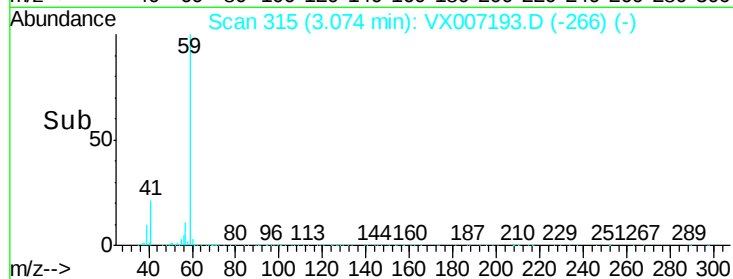
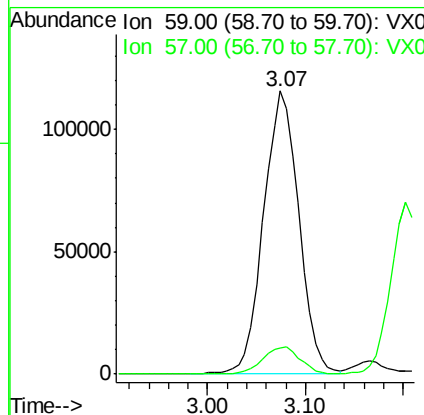
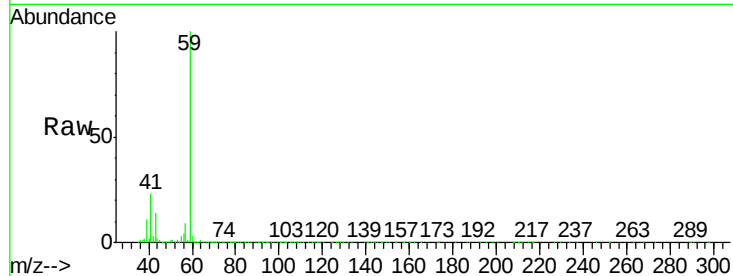
Tert butyl alcohol
Concen: 250.155 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

Manual Integrations
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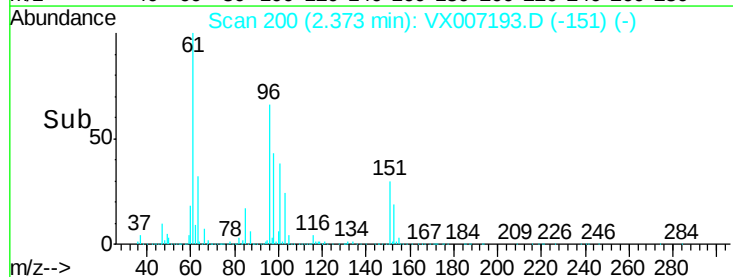
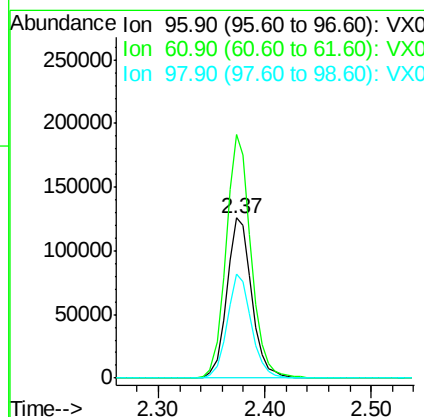
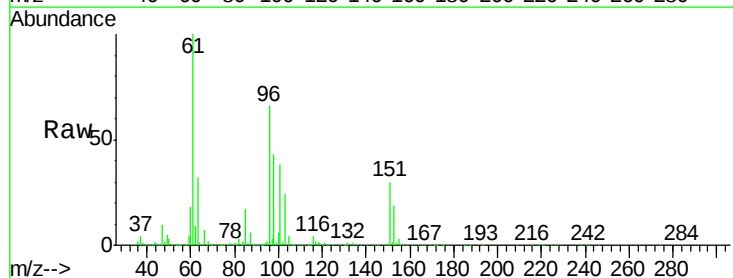
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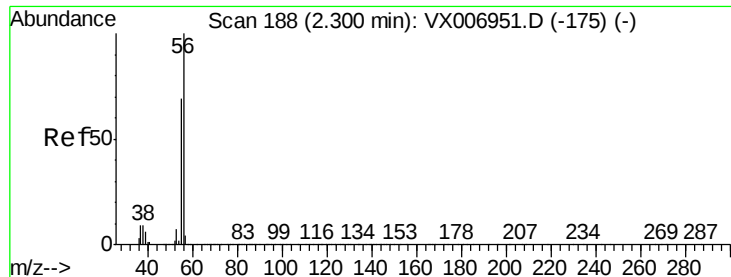


#12

1,1-Dichloroethene
Concen: 47.702 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.3	121.4	182.2
98	64.9	51.9	77.9





#13

Acrolein

Concen: 321.908 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 160957

Ion Ratio Lower Upper

56 100

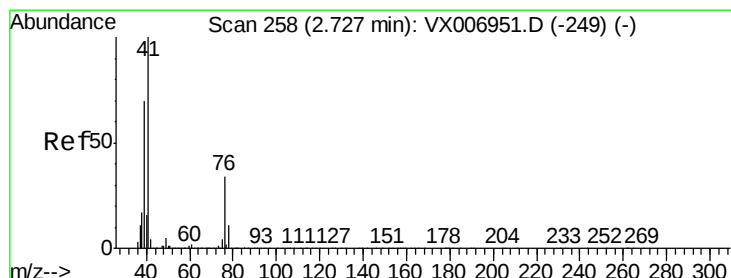
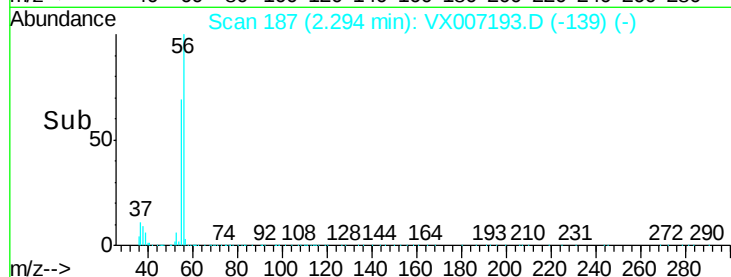
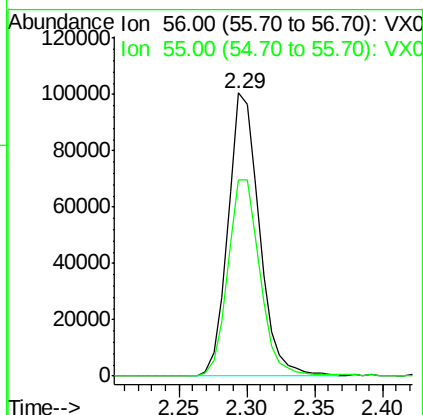
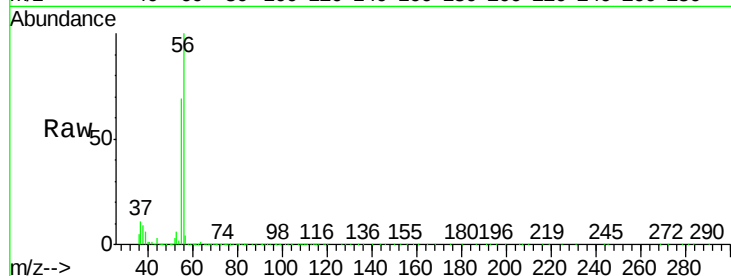
55 70.5 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.946 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

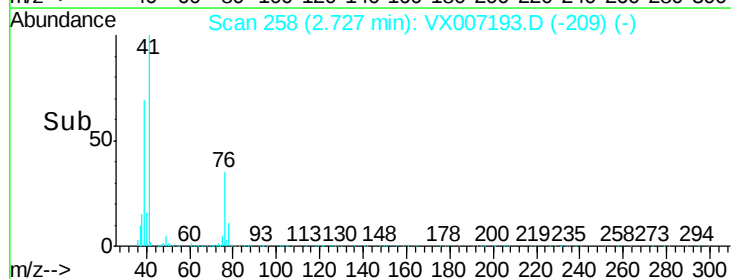
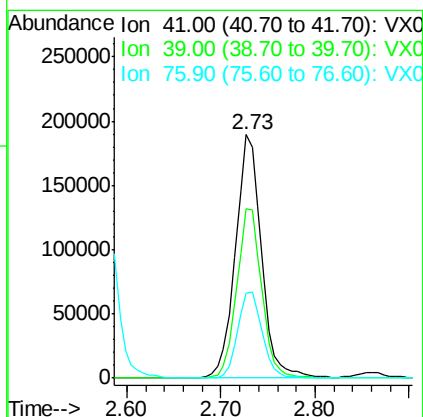
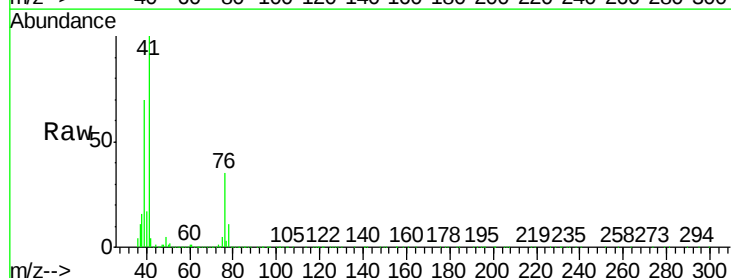
Tgt Ion: 41 Resp: 361554

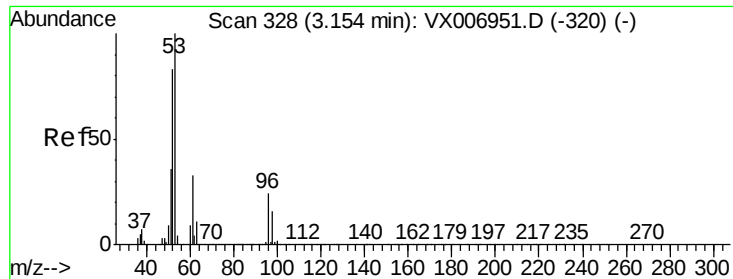
Ion Ratio Lower Upper

41 100

39 67.2 53.6 80.4

76 33.5 27.4 41.2





#15

Acrylonitrile

Concen: 256.245 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

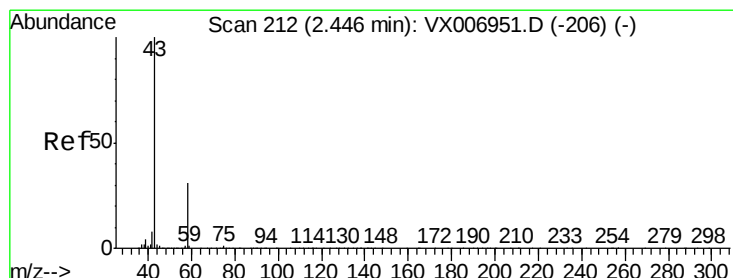
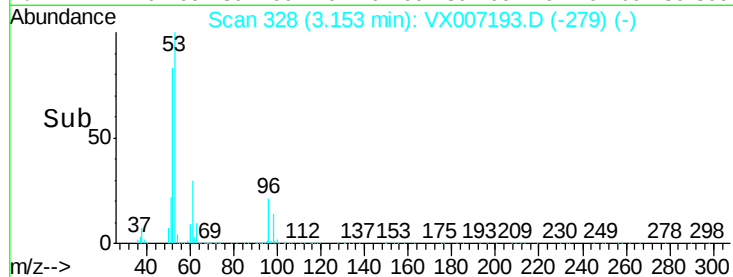
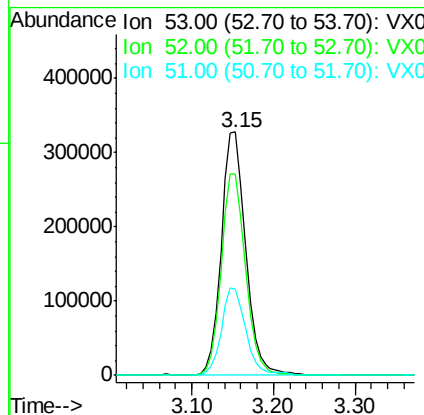
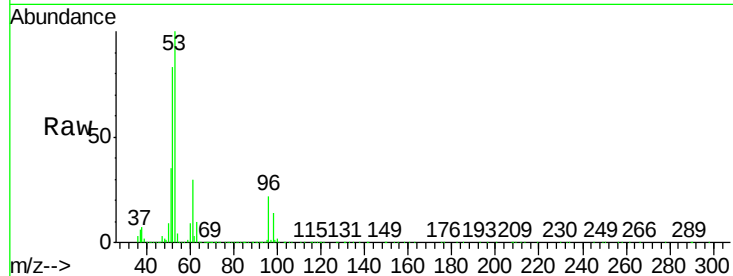
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	680086
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.0	99.0
51	36.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 240.633 ug/l

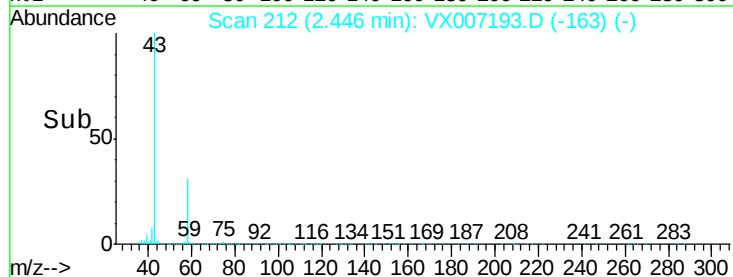
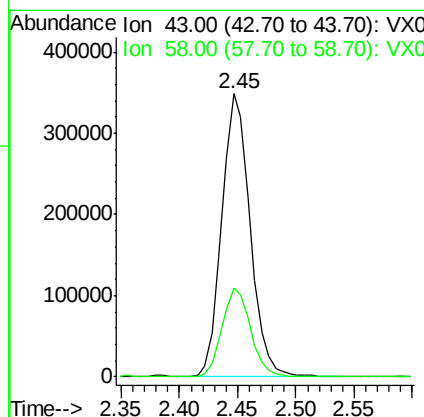
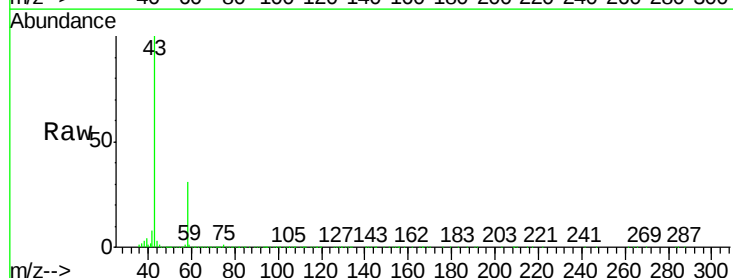
RT: 2.45 min Scan# 212

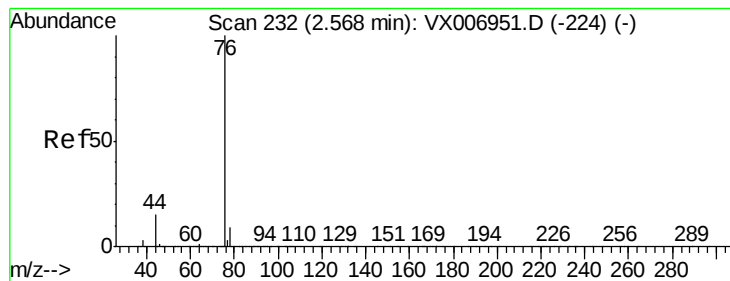
Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion:	43	Resp:	583033
Ion Ratio		Lower	Upper
43	100		
58	31.3	25.0	37.6





#17

Carbon Disulfide

Concen: 40.809 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 452846

Ion Ratio Lower Upper

76 100

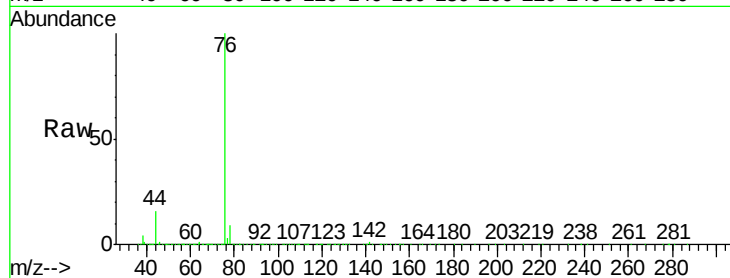
78 9.1 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

250000

200000

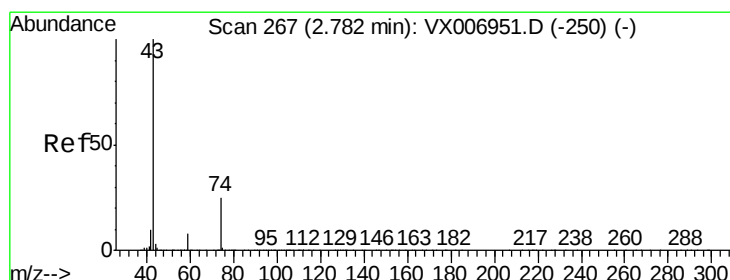
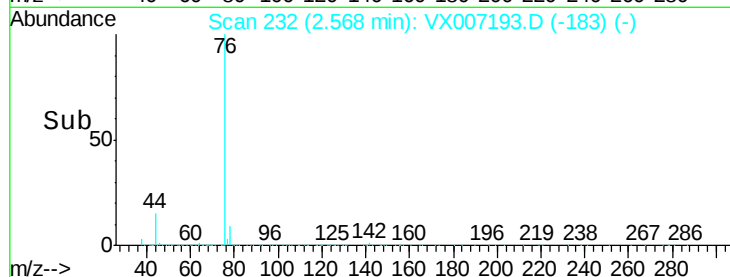
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.630 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007193.D

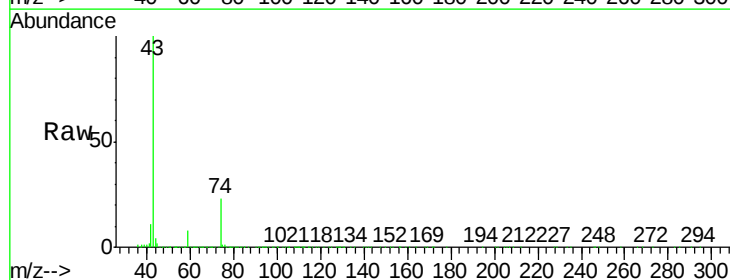
Acq: 22 Jan 2019 20:21

Tgt Ion: 43 Resp: 369285

Ion Ratio Lower Upper

43 100

74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

200000

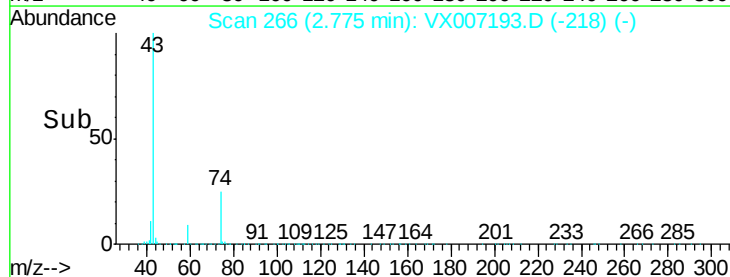
150000

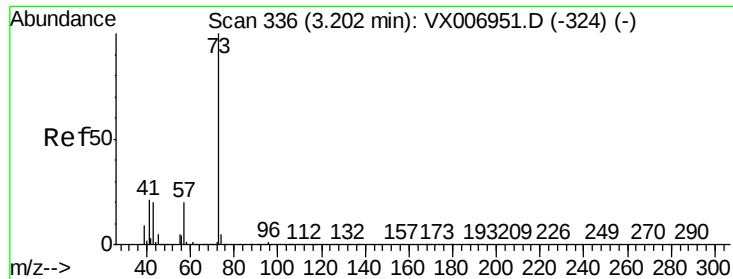
100000

50000

0

Time-->





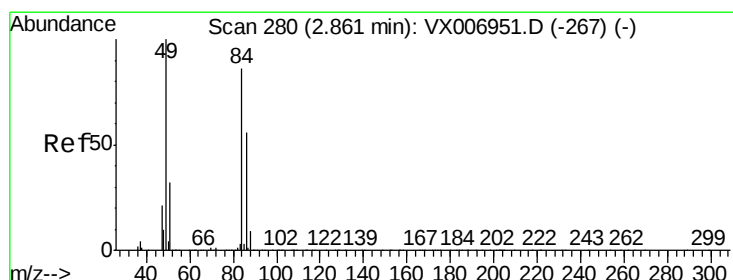
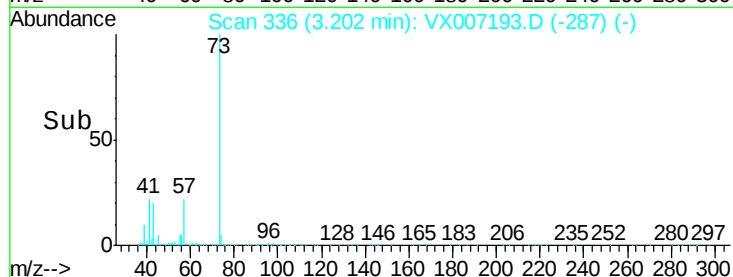
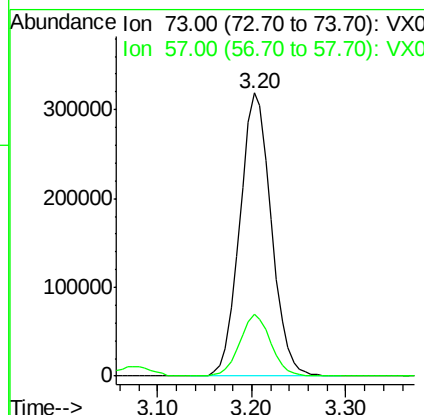
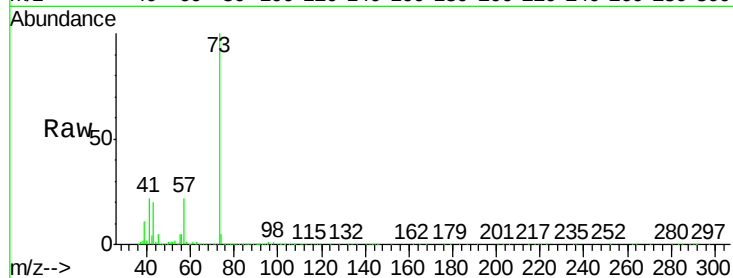
#19
Methvl tert-butvl Ether
Concen: 49.796 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2

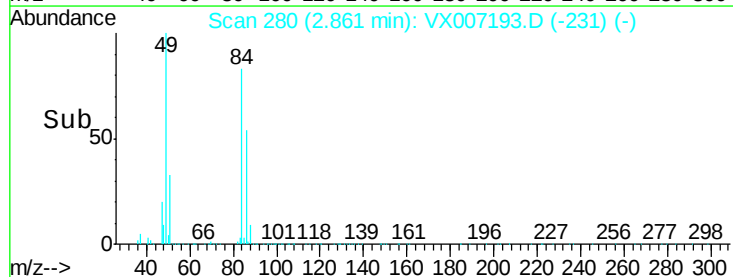
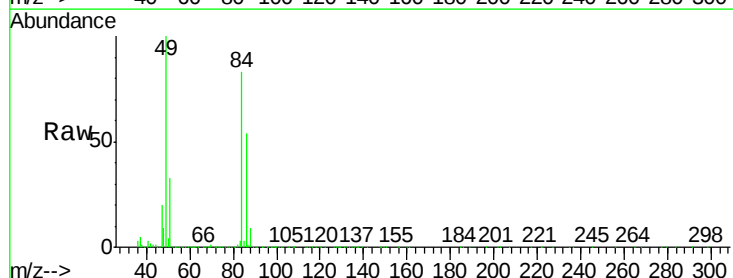
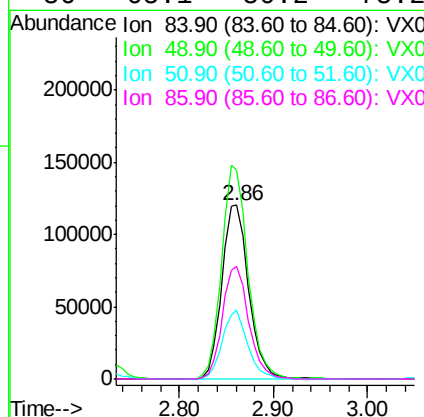
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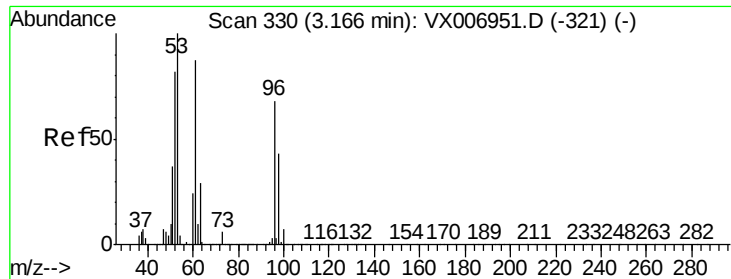
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#20
Methylene Chloride
Concen: 51.865 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	91.8	137.6
51	39.7	28.5	42.7
86	65.1	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 45.516 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

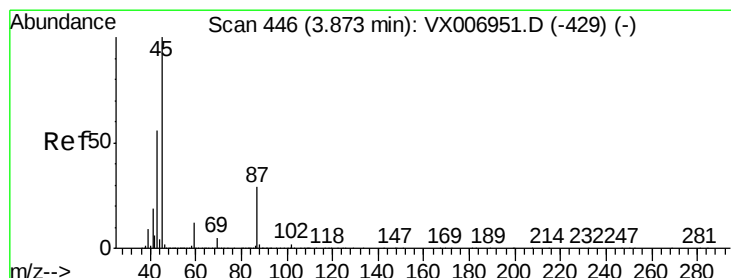
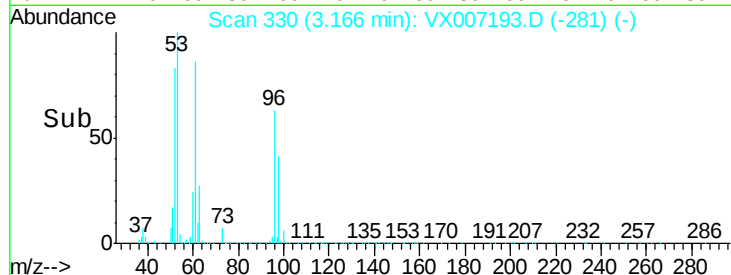
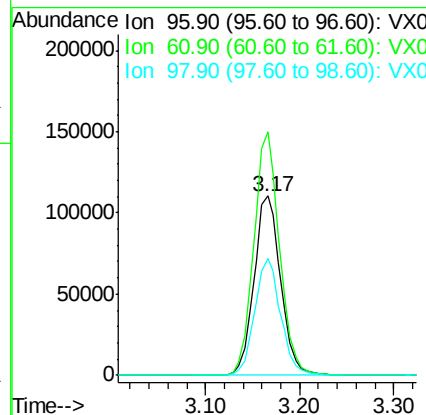
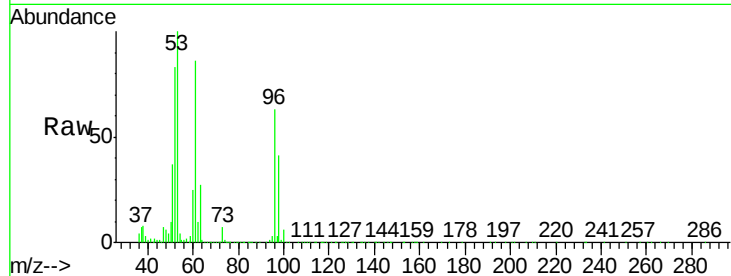
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	218620
Ion Ratio	Lower	Upper	
96	100		
61	135.6	103.7	155.5
98	65.2	51.0	76.6

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#22

Diisopropyl ether

Concen: 49.196 ug/l

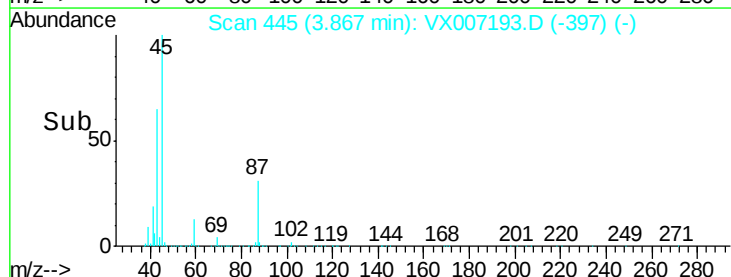
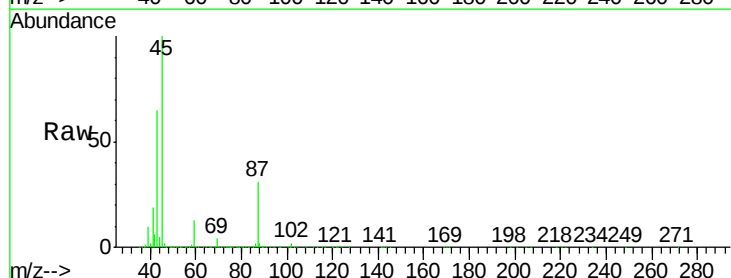
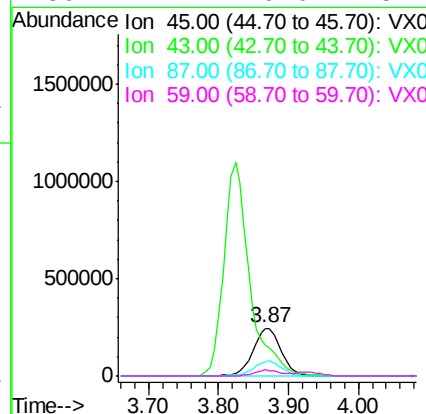
RT: 3.87 min Scan# 445

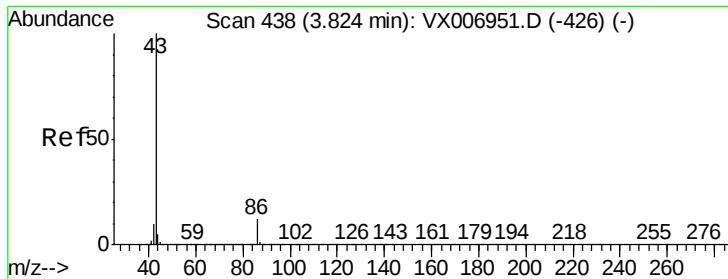
Delta R.T. -0.01 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion:	45	Resp:	683181
Ion Ratio	Lower	Upper	
45	100		
43	65.3	51.2	76.8
87	31.1	25.8	38.6
59	12.7	9.0	13.4





#23

Vinyl Acetate

Concen: 241.388 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2826934

Ion Ratio Lower Upper

43 100

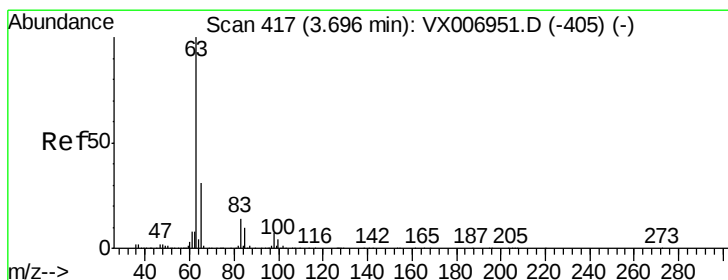
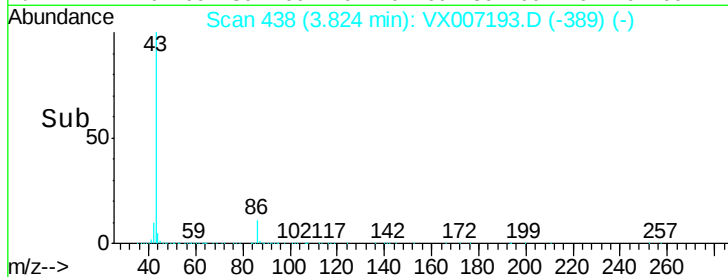
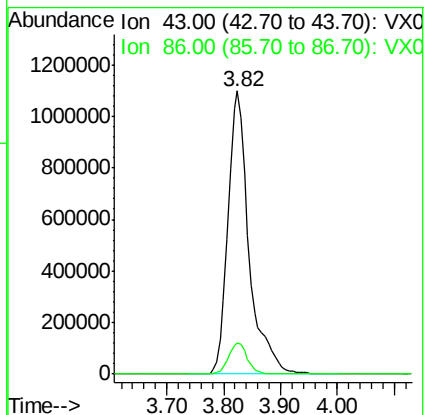
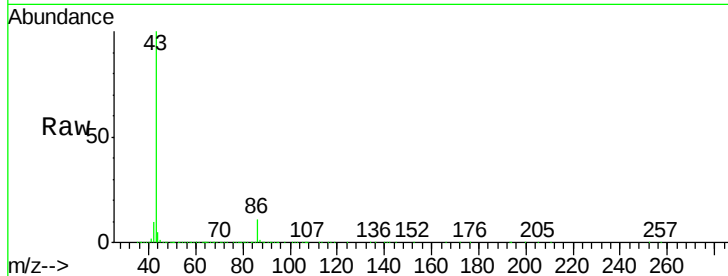
86 11.2 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 48.350 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

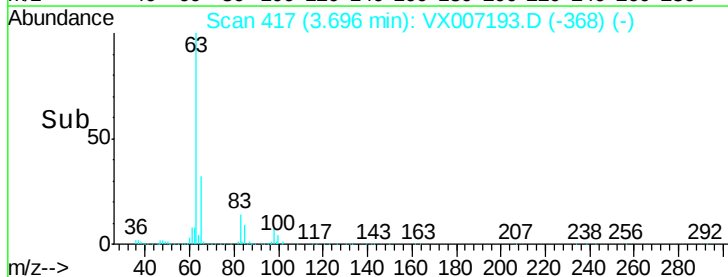
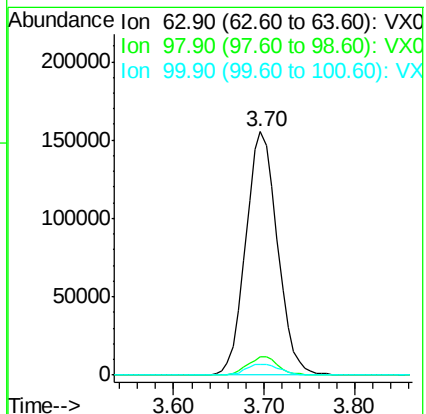
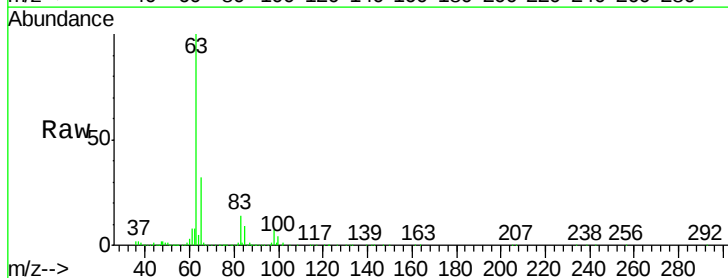
Tgt Ion: 63 Resp: 375440

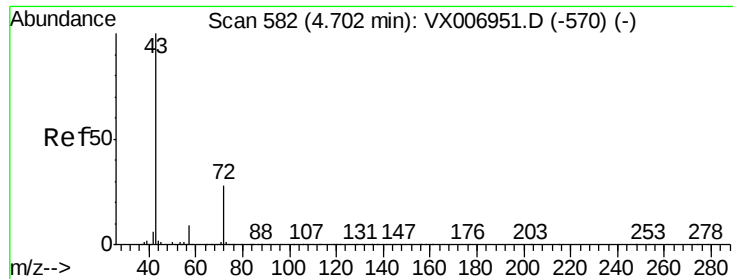
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 250.858 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 869684

Ion Ratio Lower Upper

43 100

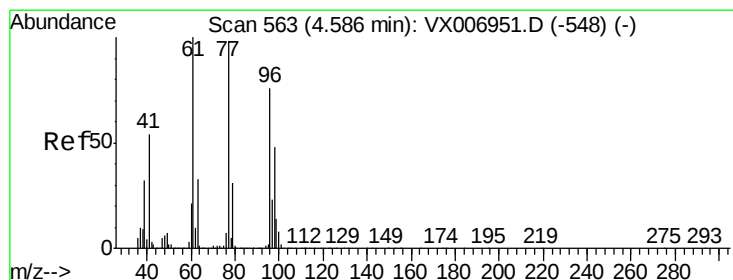
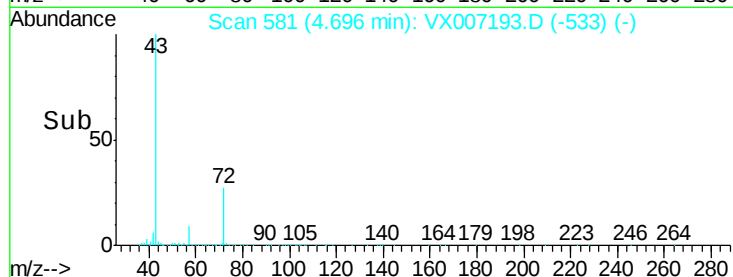
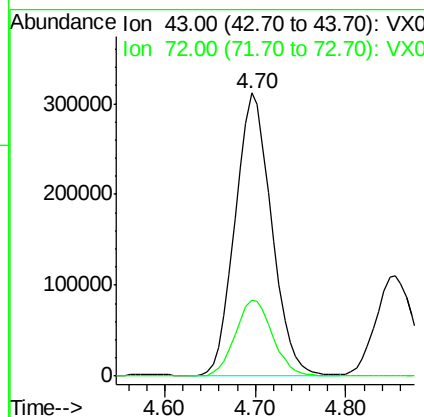
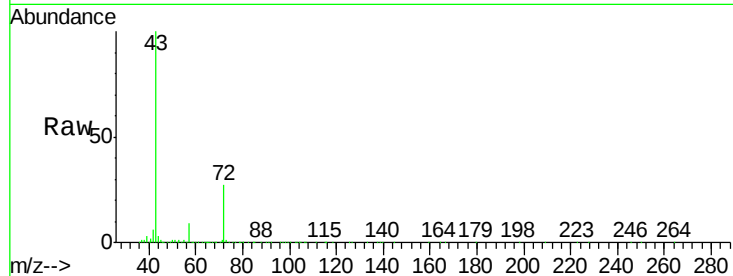
72 26.8 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.121 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007193.D

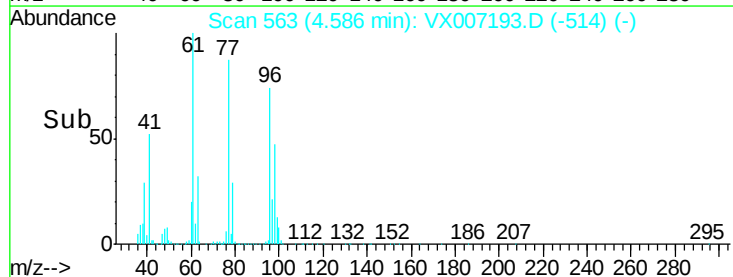
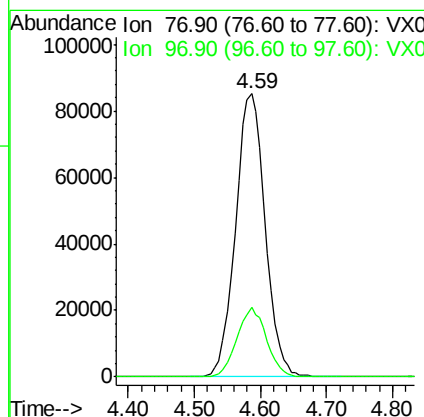
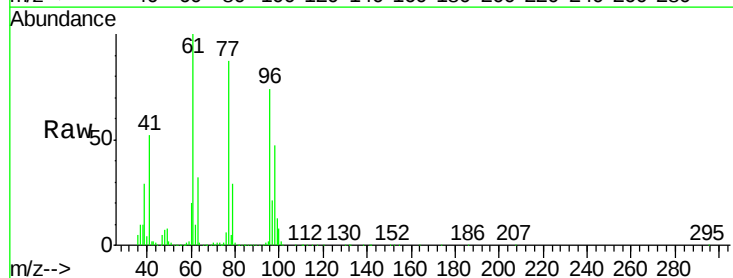
Acq: 22 Jan 2019 20:21

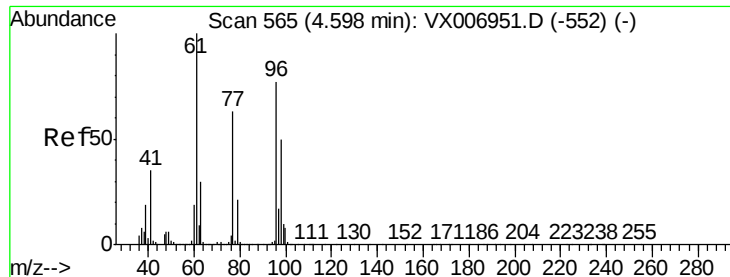
Tgt Ion: 77 Resp: 263451

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4





#27

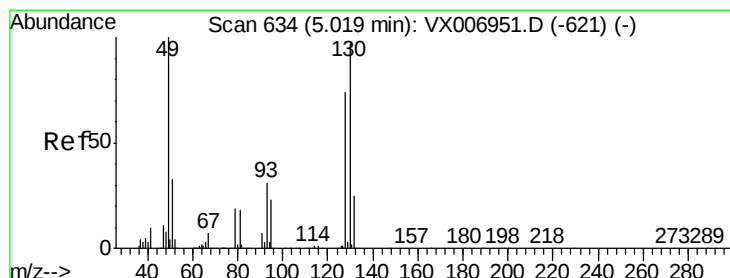
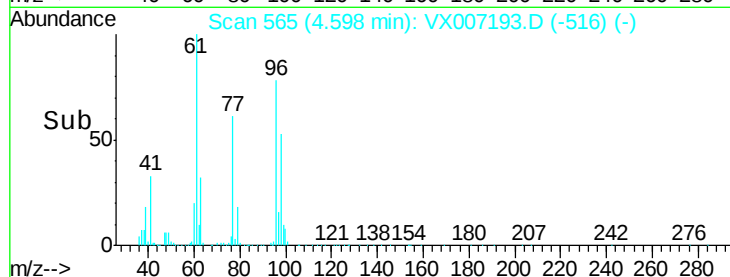
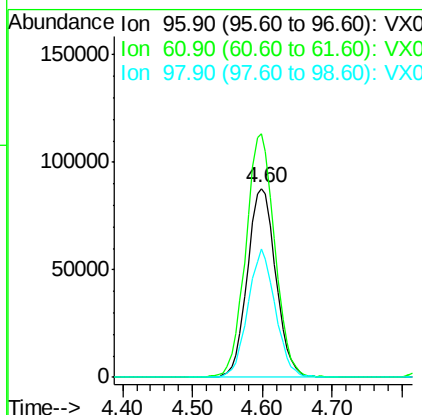
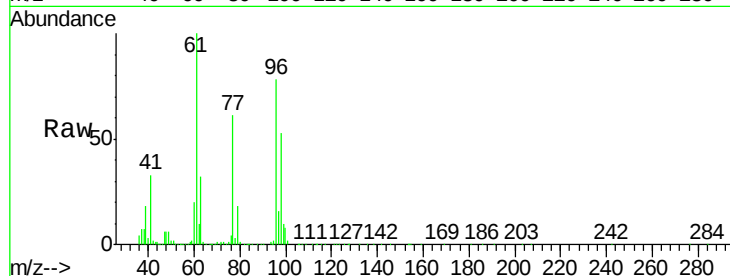
cis-1,2-Dichloroethene
Concen: 46.967 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	248830		
61	130.8	0.0	258.6	
98	65.5	0.0	132.0	

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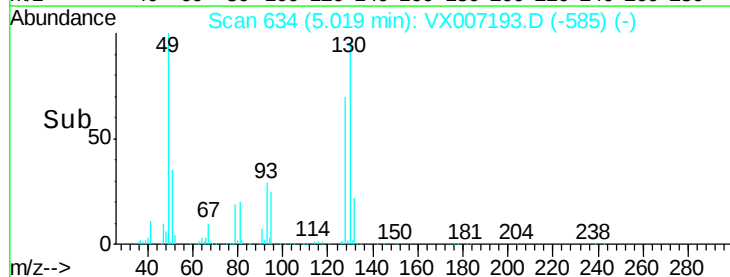
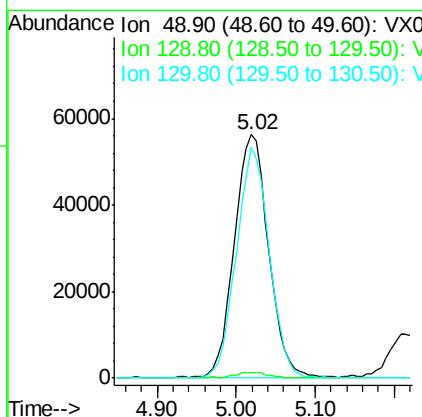
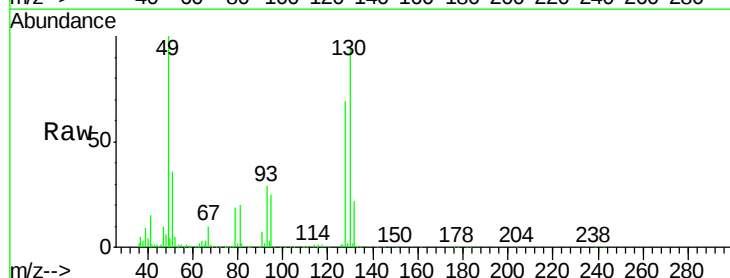
MMDadoda
1/23/2019 11:29:46 AM



#28

Bromochloromethane
Concen: 49.788 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	169385		
129	2.3	0.0	5.4	
130	91.6	77.7	116.5	





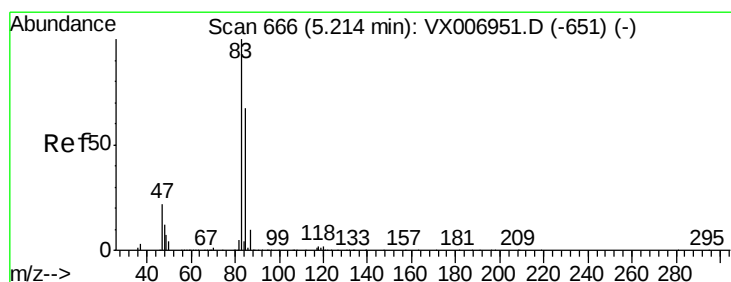
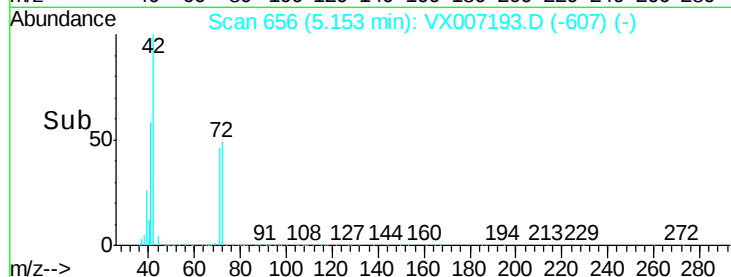
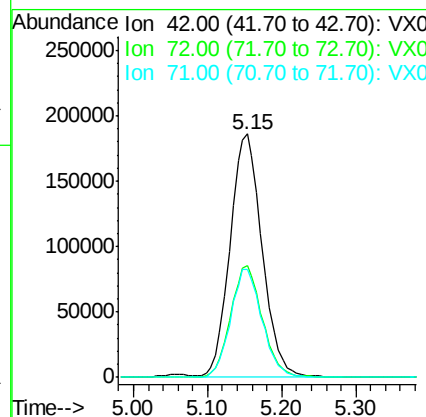
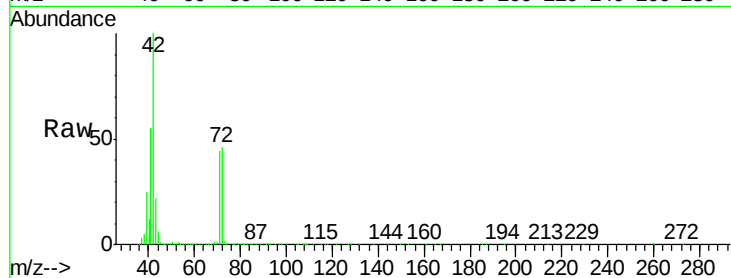
#29
Tetrahydrofuran
Concen: 246.926 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	38.9	58.3
71	43.7	36.2	54.4

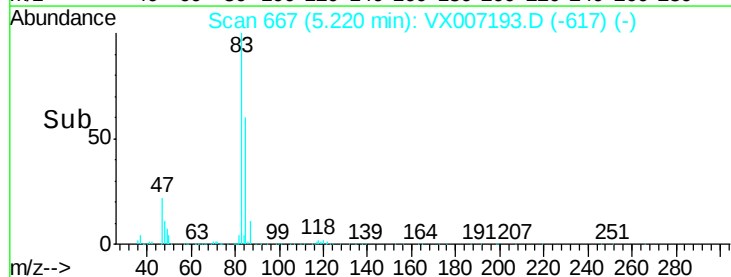
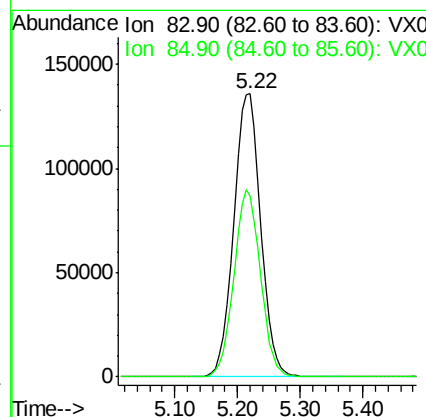
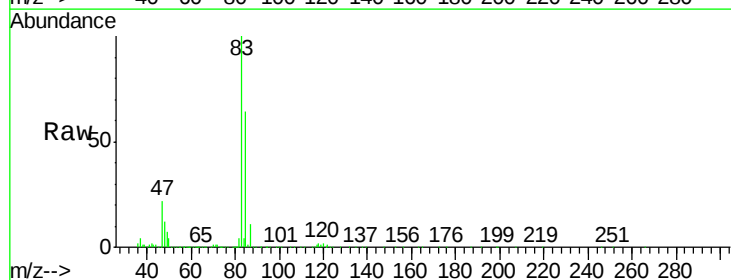
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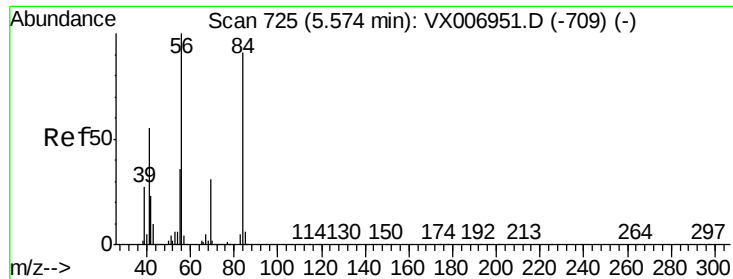
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#30
Chloroform
Concen: 49.671 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8





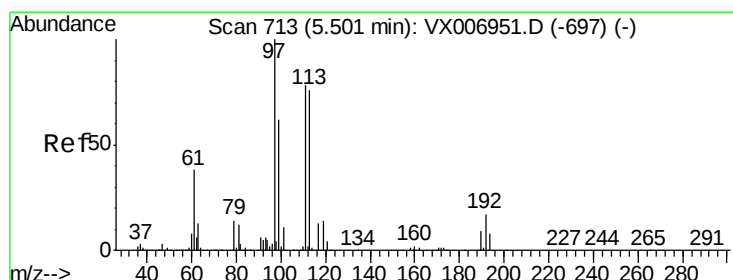
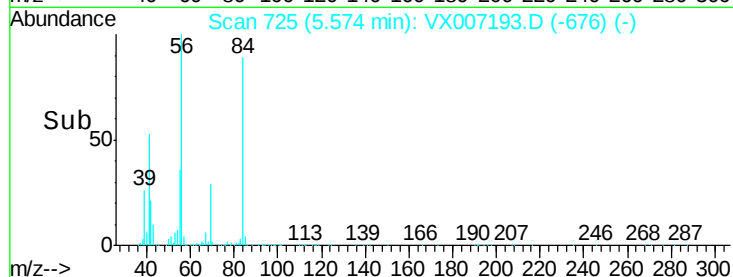
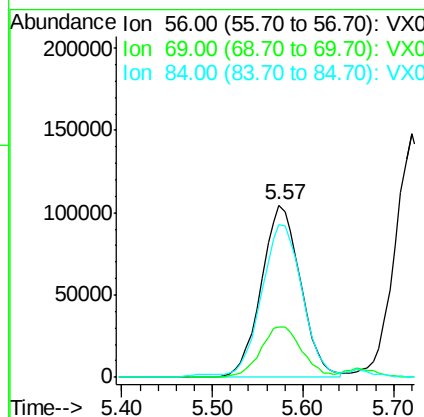
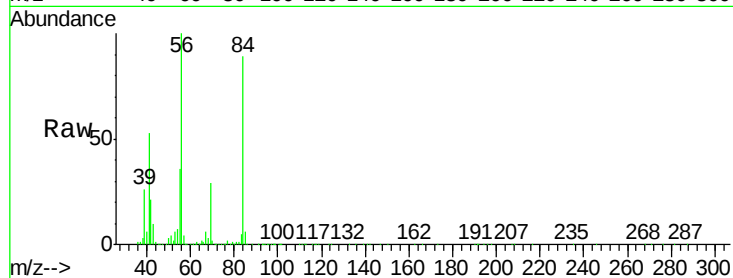
#31
Cyclohexane
Concen: 45.217 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.4	36.6
84	87.8	70.0	105.0

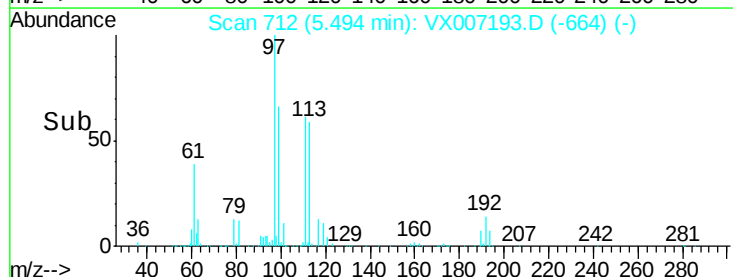
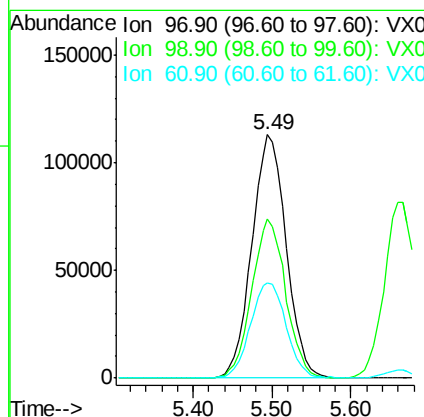
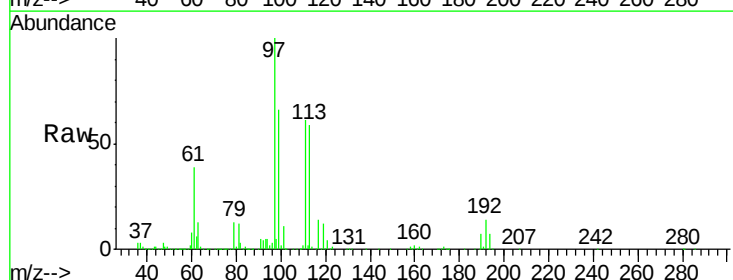
Manual Integrations
APPROVED

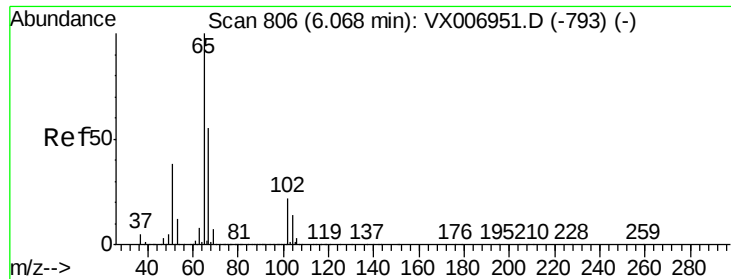
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#32
1,1,1-Trichloroethane
Concen: 49.663 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	40.8	31.3	46.9





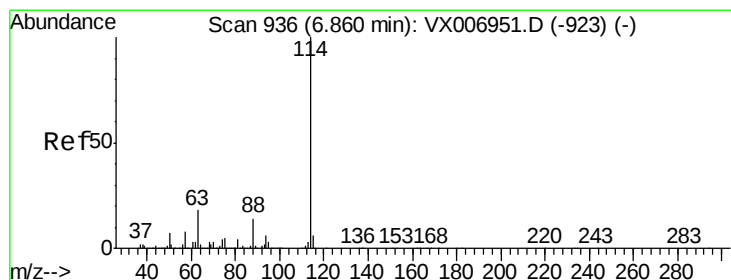
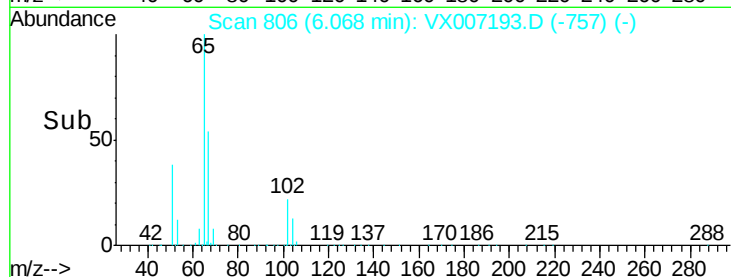
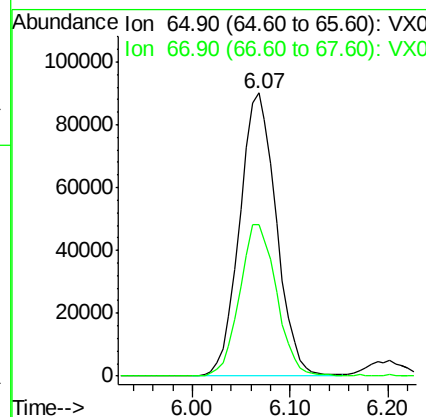
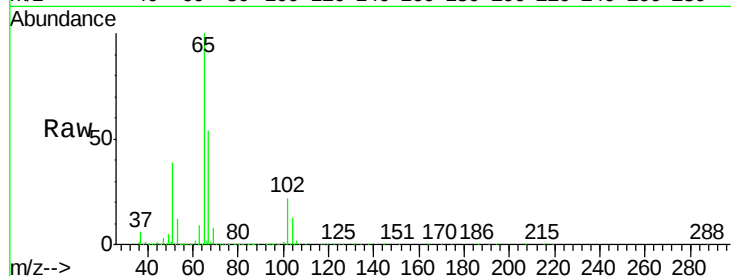
#33
 1,2-Dichloroethane-d4
 Concen: 47.557 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	105.0

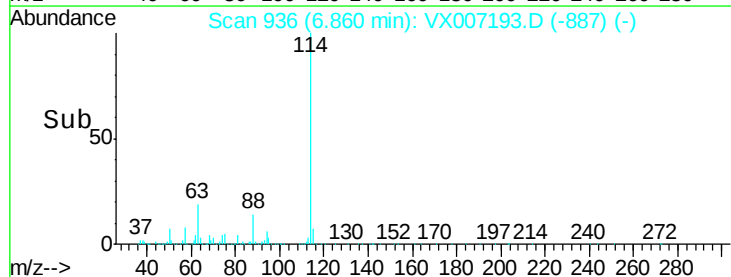
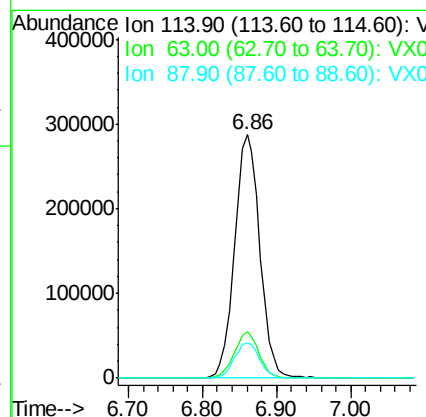
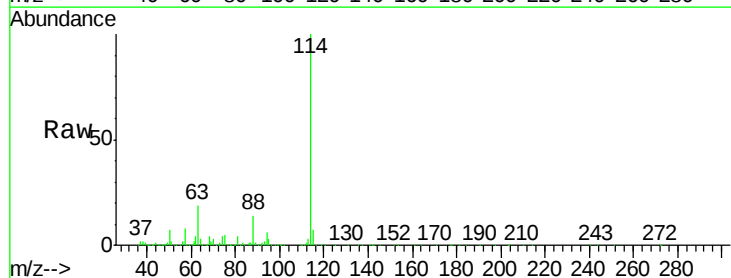
Manual Integrations
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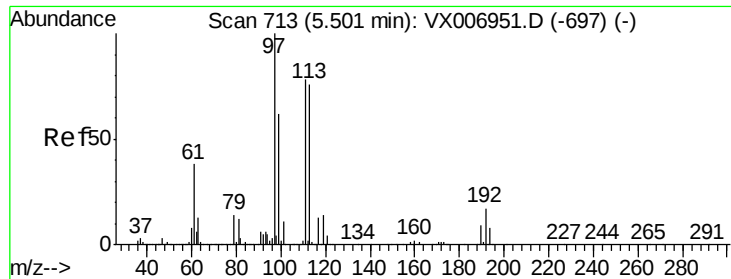
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	34.8
88	14.3	0.0	28.8





#35

Dibromofluoromethane

Concen: 50.053 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

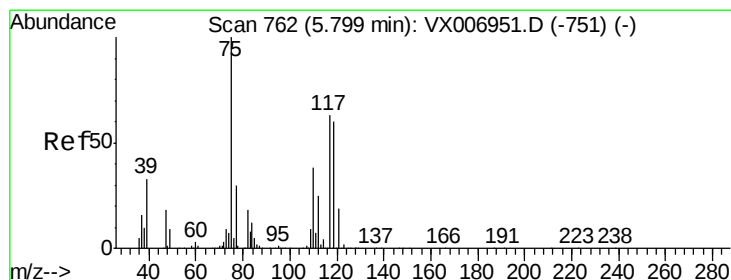
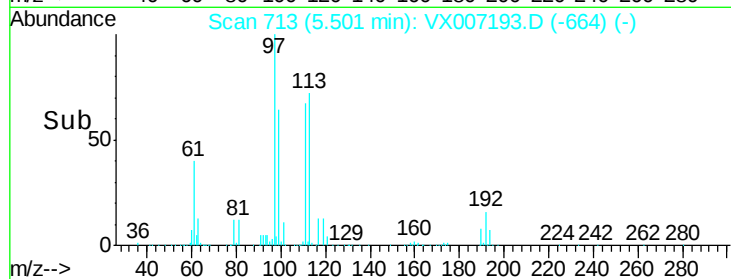
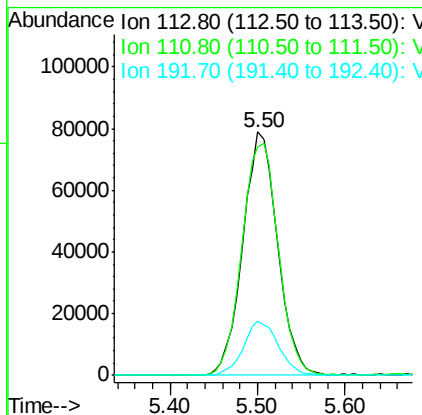
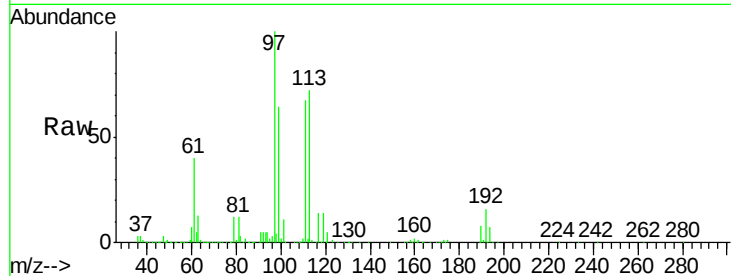
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	217958
Ion Ratio	Lower	Upper	
113	100		
111	100.0	81.6	122.4
192	22.3	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.777 ug/l

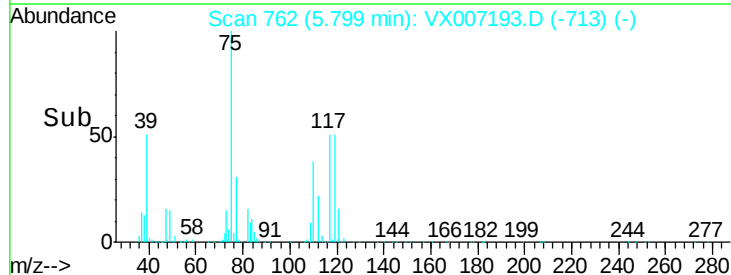
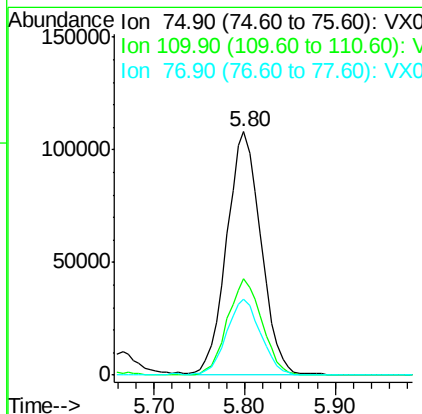
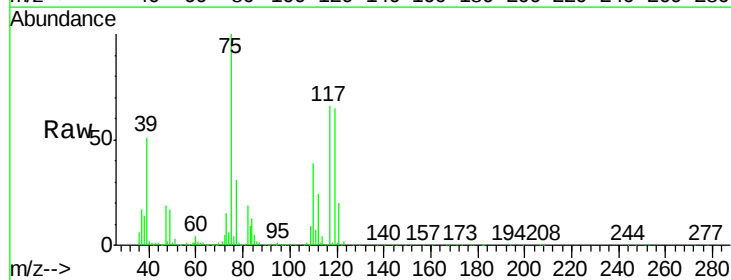
RT: 5.80 min Scan# 762

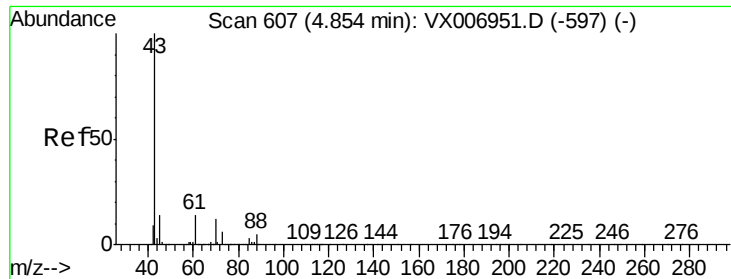
Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion:	75	Resp:	282447
Ion Ratio	Lower	Upper	
75	100		
110	40.1	20.2	60.5
77	30.9	24.8	37.2





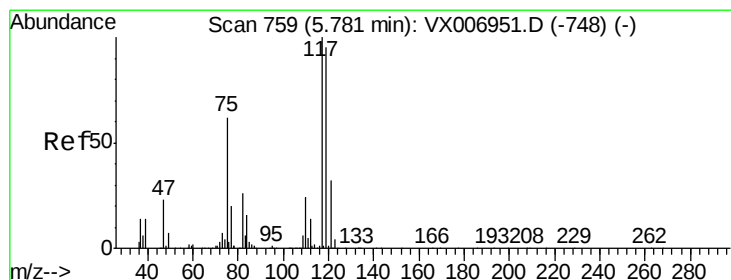
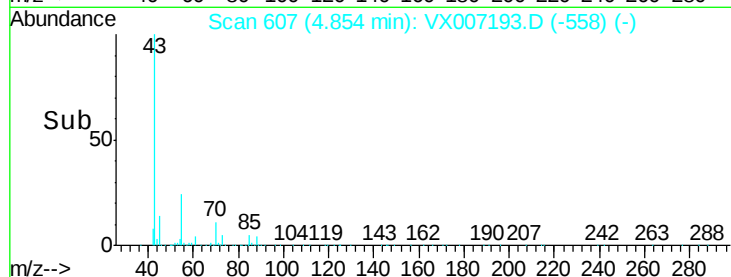
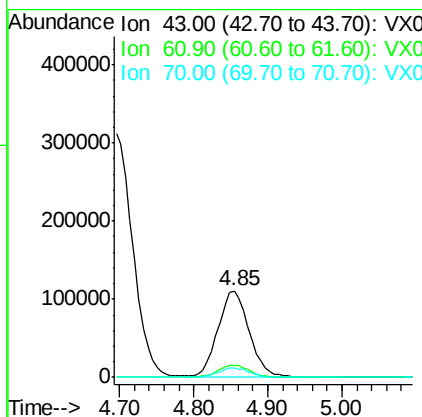
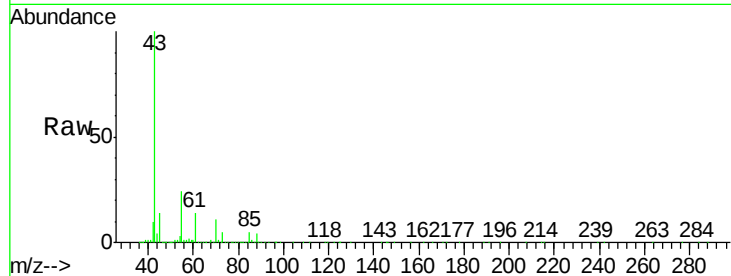
#37
Ethyl Acetate
Concen: 50.892 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	322551
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.9	17.9
70	10.8	9.7	14.5

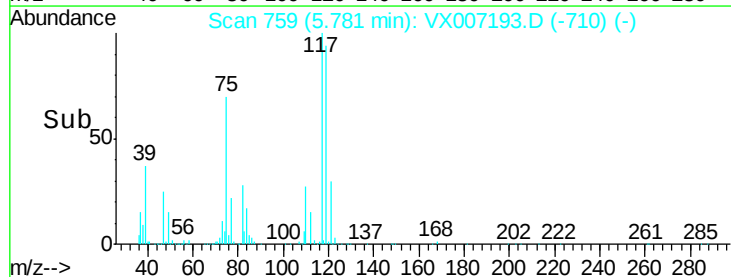
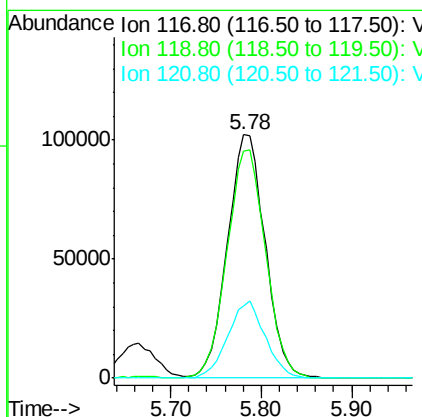
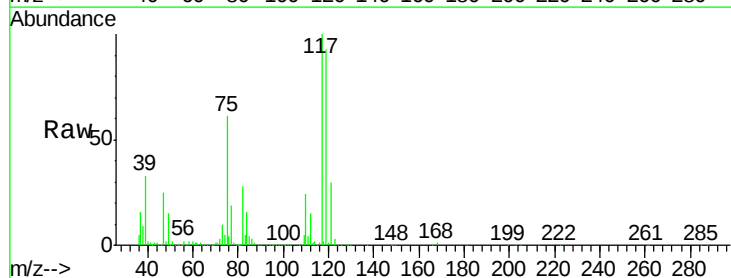
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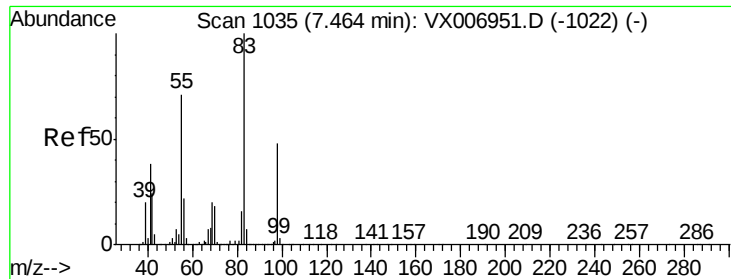
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#38
Carbon Tetrachloride
Concen: 49.609 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	117	Resp	295073
Ion Ratio	Lower	Upper	
117	100		
119	93.4	79.4	119.2
121	29.8	24.0	36.0





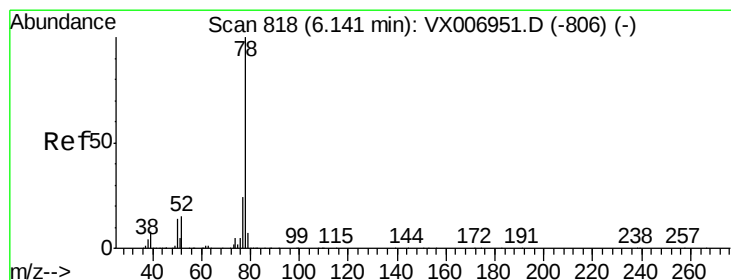
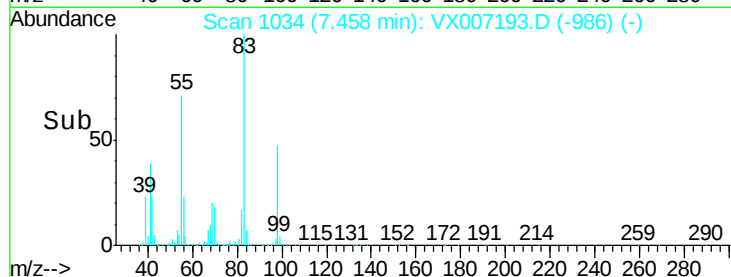
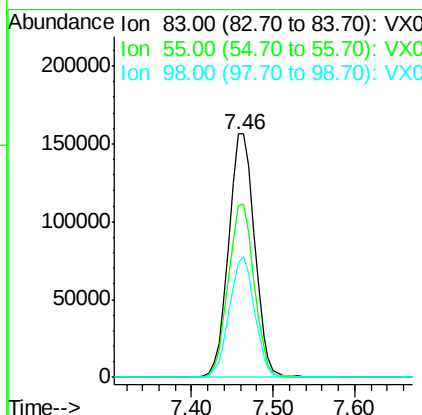
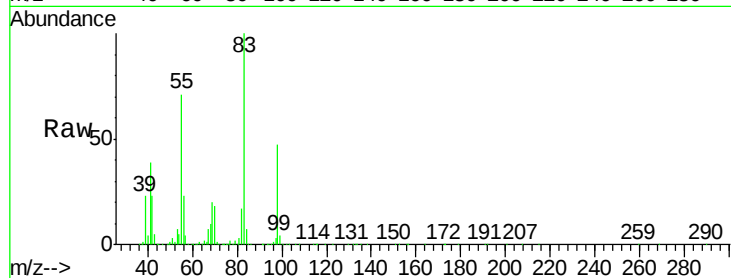
#39
Methvlcvclohexane
Concen: 45.526 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	54.9	82.3
98	46.7	37.9	56.9

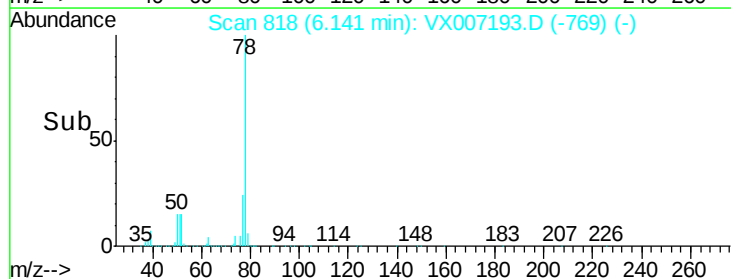
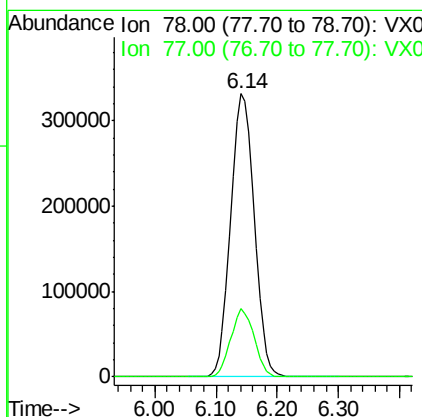
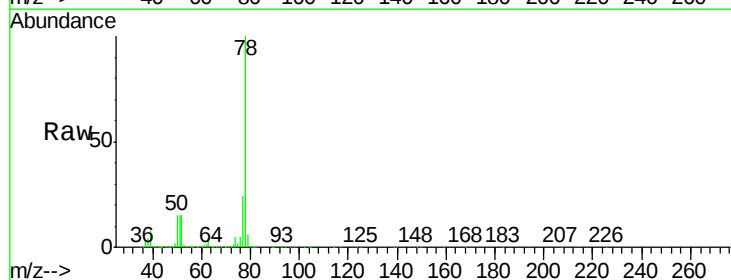
Manual Integrations
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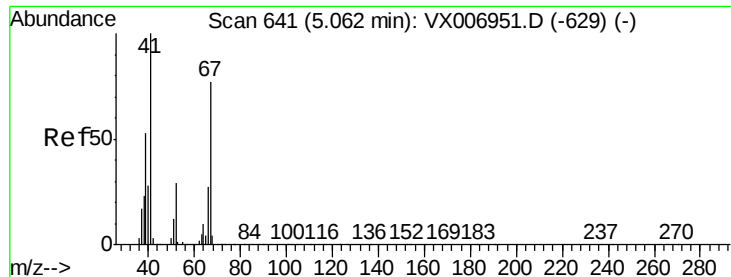
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#40
Benzene
Concen: 48.944 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8





#41

Methacrylonitrile

Concen: 49.040 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	42.8	64.2	
67	75.9	62.1	93.1	
52	29.9	23.4	35.0	

Instrument :

MSVOA_X

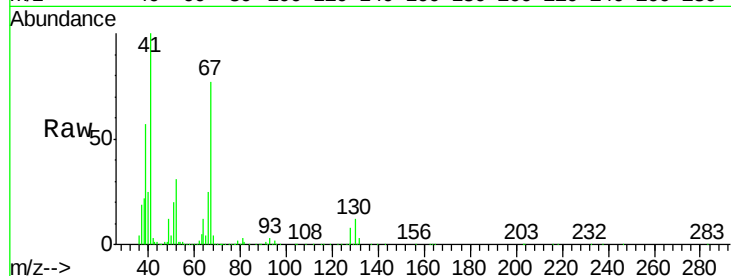
ClientSampleId :

VSTDCCC050EC

Manual Integrations
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MMDadoda

1/23/2019 11:29:46 AM

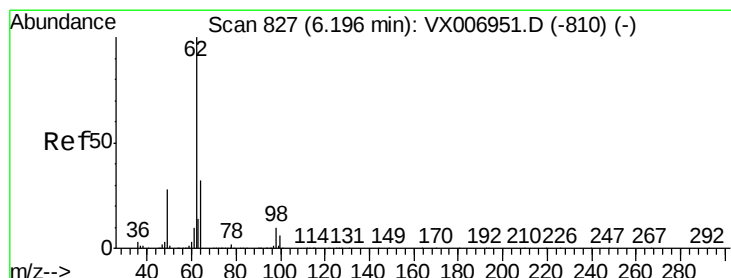
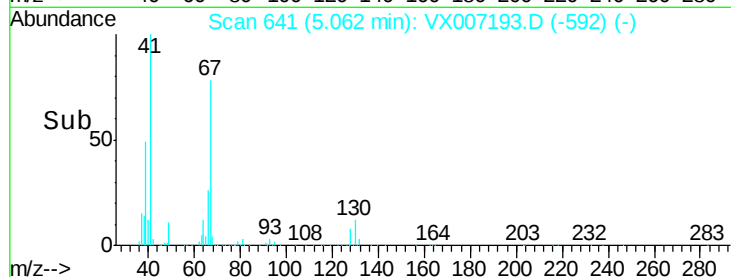
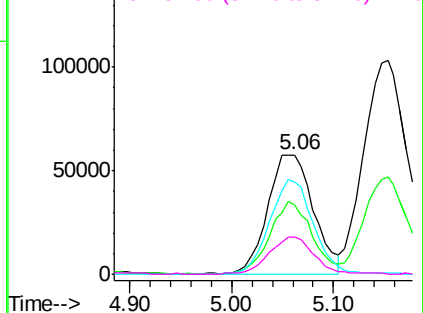


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.087 ug/l

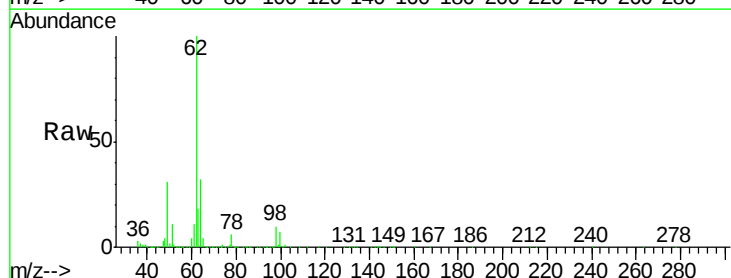
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007193.D

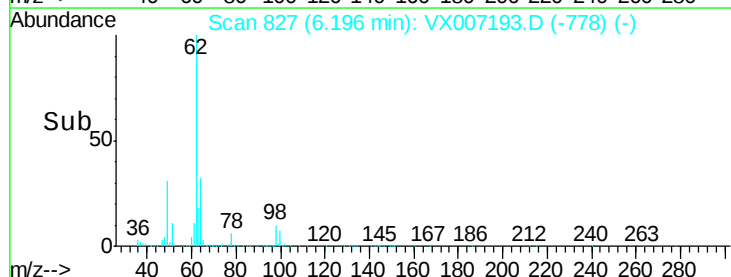
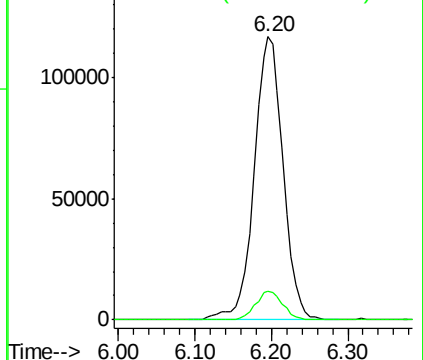
Acq: 22 Jan 2019 20:21

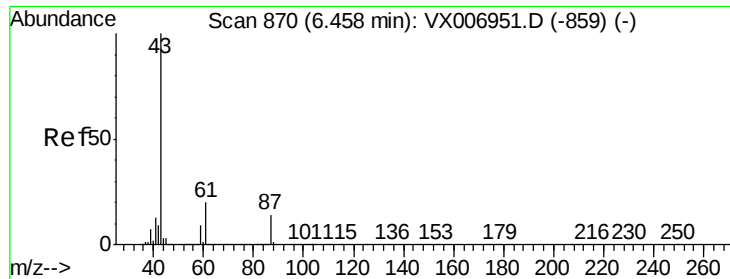
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.2	



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

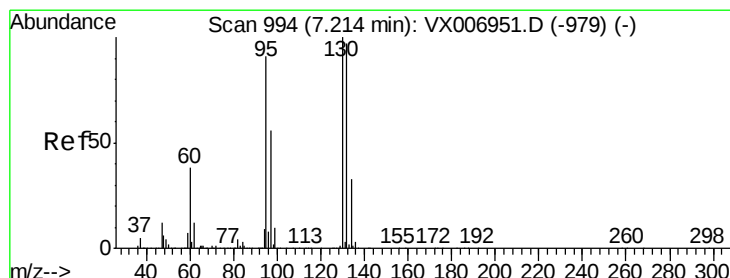
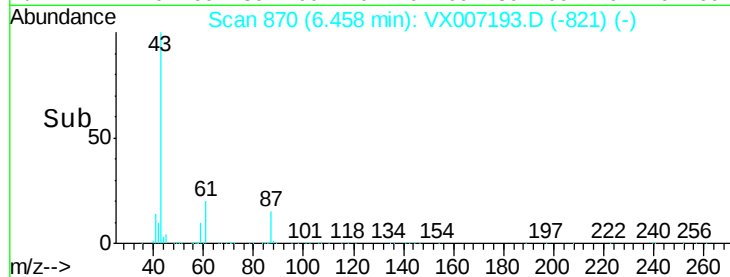
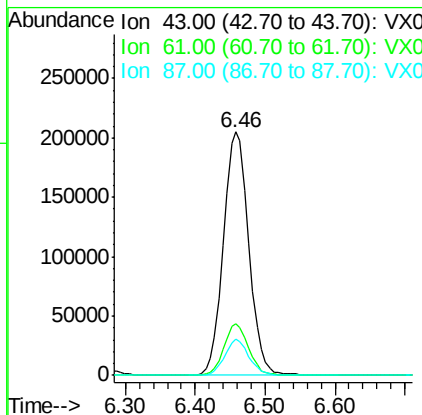
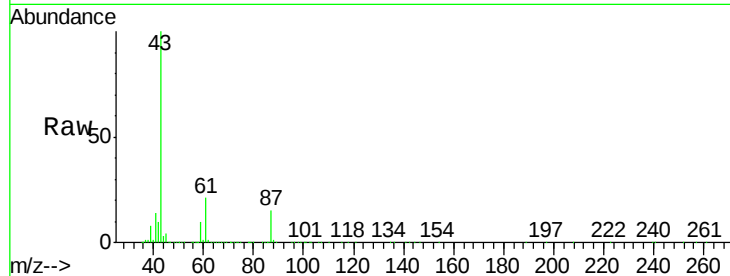
Isopropyl Acetate
 Concen: 51.246 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	14.4	12.4	18.6

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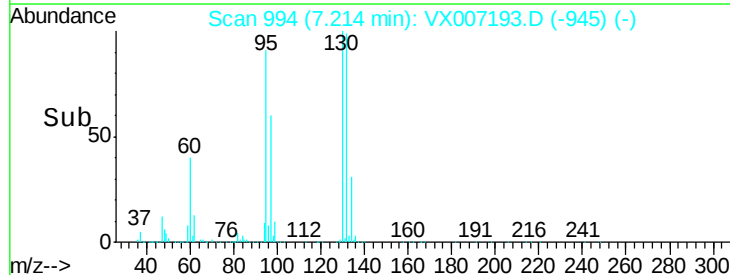
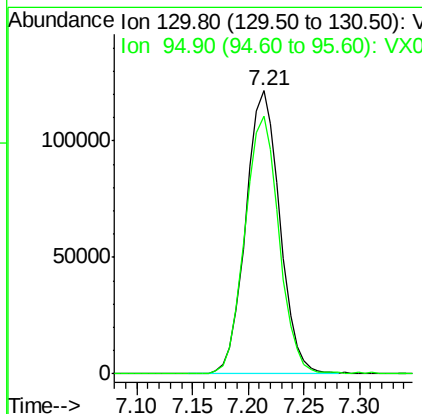
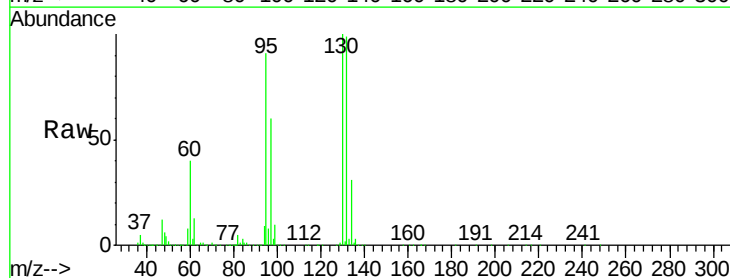
MMDadoda
 1/23/2019 11:29:46 AM

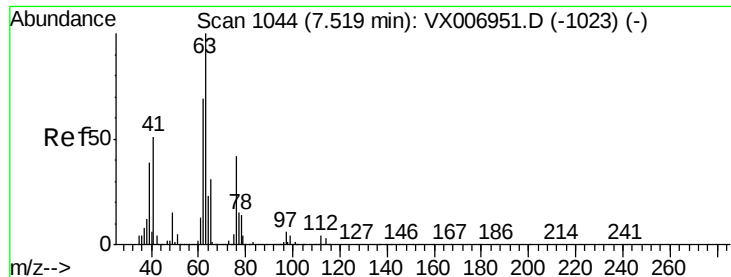


#44

Trichloroethene
 Concen: 47.879 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.895 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 230807

Ion Ratio Lower Upper

63 100

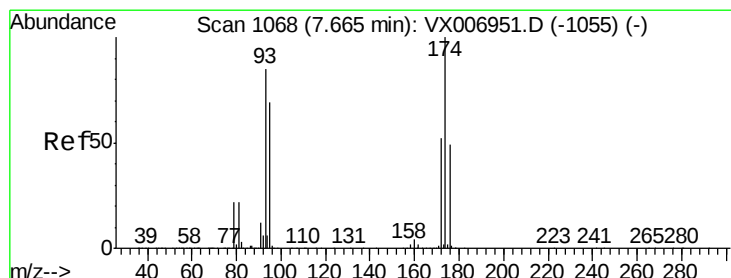
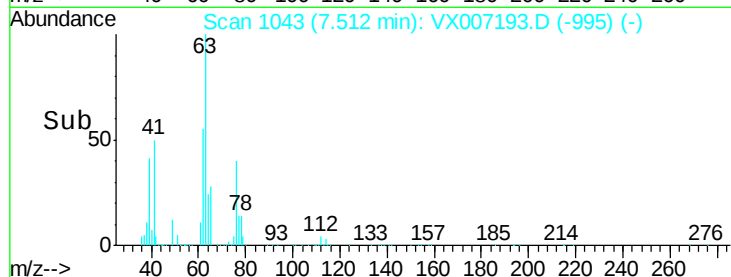
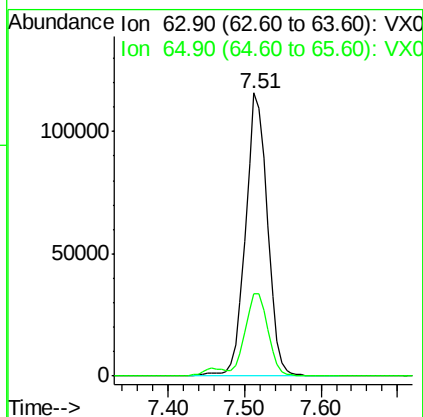
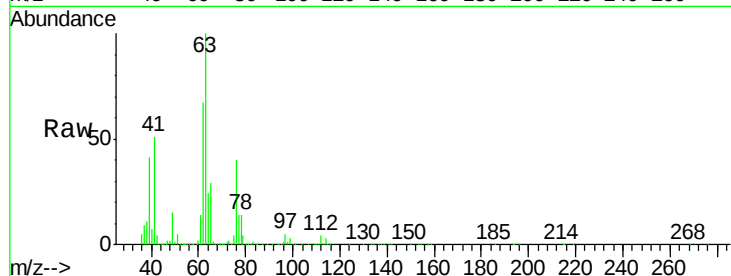
65 29.2 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 51.318 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

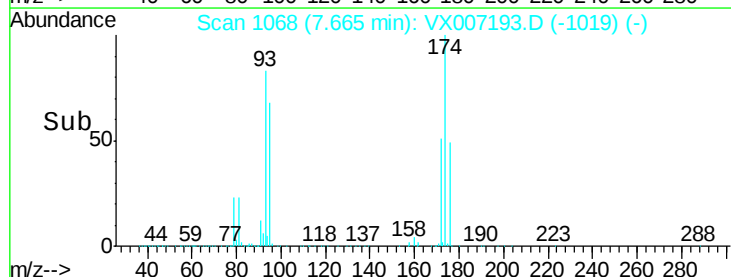
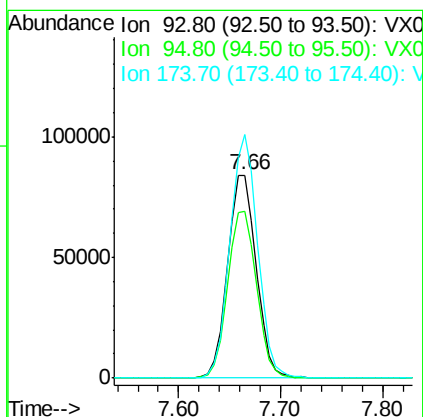
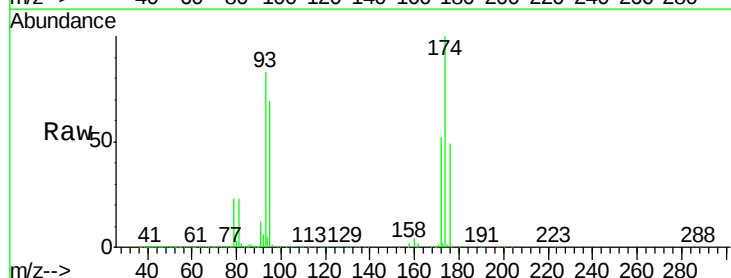
Tgt Ion: 93 Resp: 163562

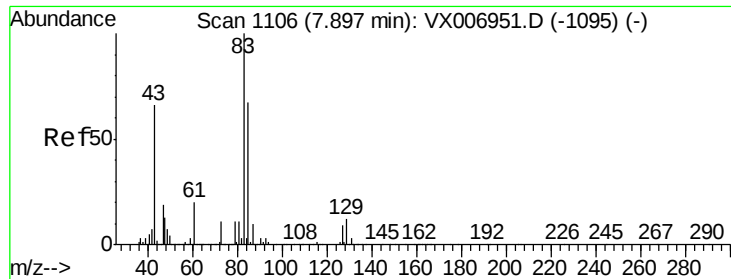
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 115.8 91.0 136.4





#47

Bromodichloromethane

Concen: 53.503 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

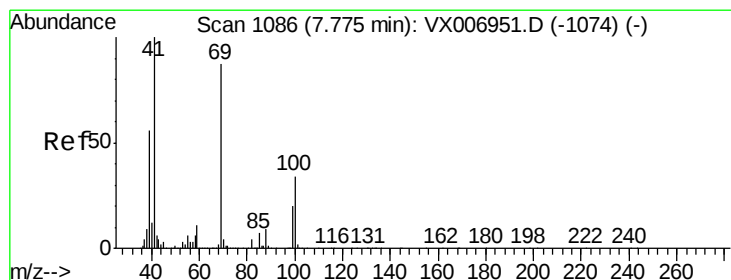
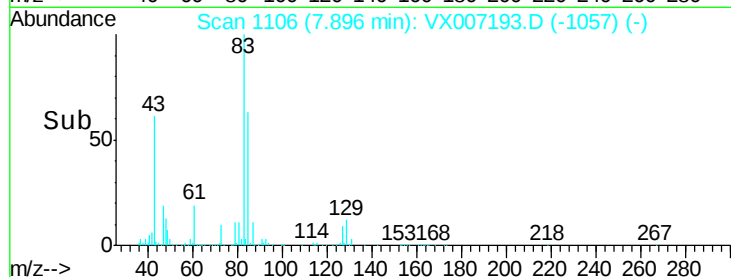
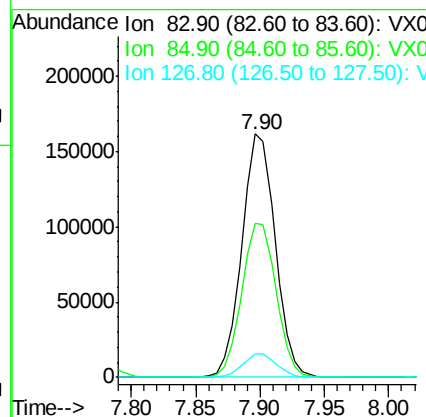
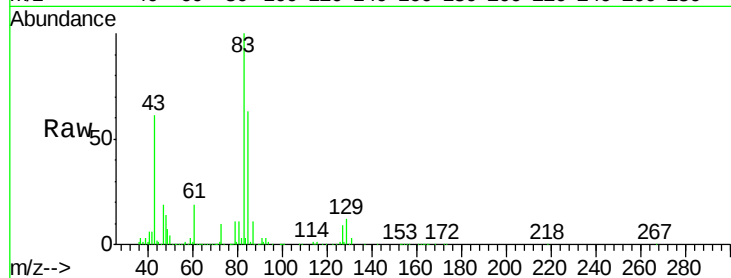
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	290260
Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.2	79.8
127	9.4	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.108 ug/l

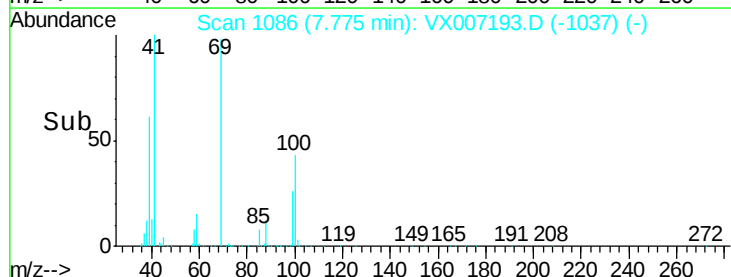
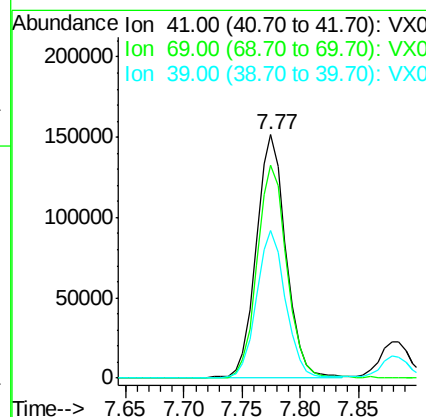
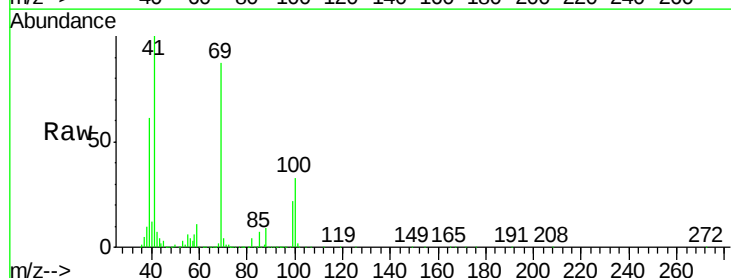
RT: 7.77 min Scan# 1086

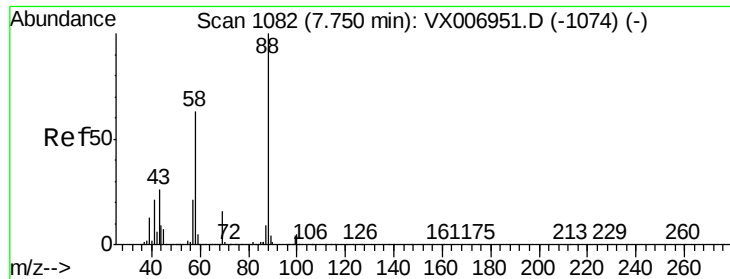
Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion:	41	Resp:	267523
Ion	Ratio	Lower	Upper
41	100		
69	88.2	72.4	108.6
39	59.8	45.8	68.8





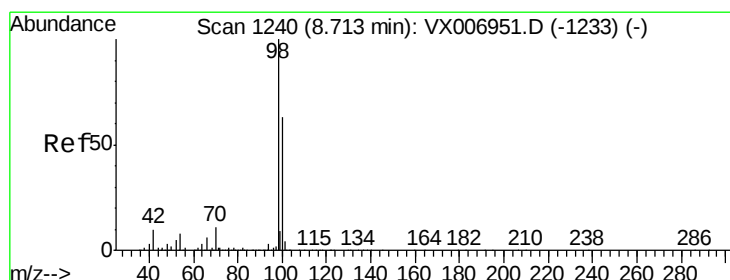
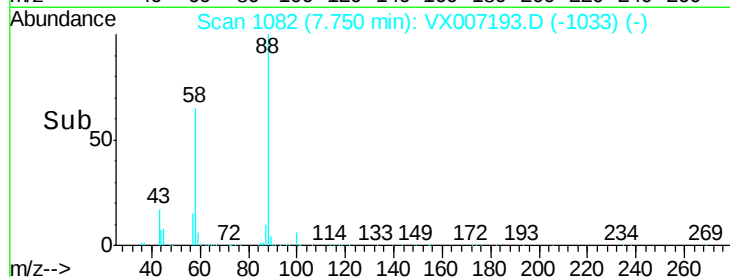
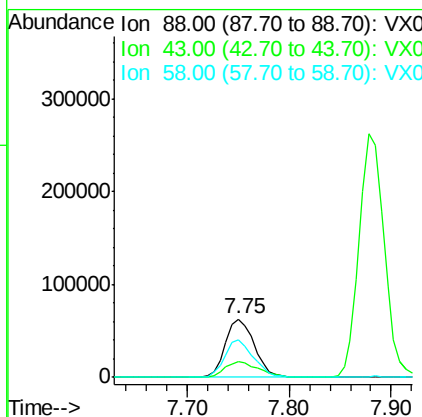
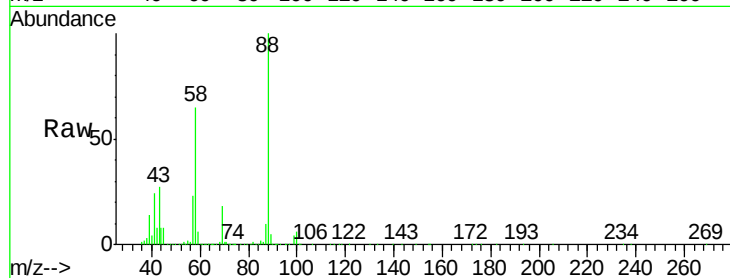
#49
1,4-Dioxane
Concen: 1052.805 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100	123383		
43	30.2		22.2	33.4
58	63.5		51.0	76.4

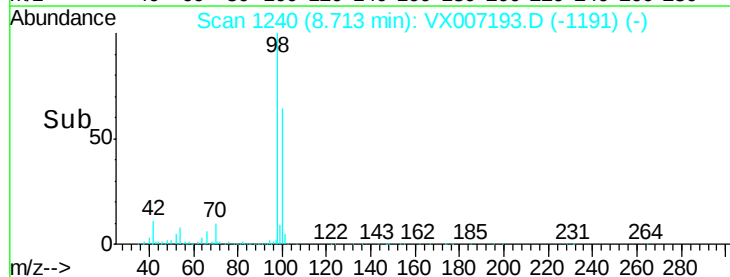
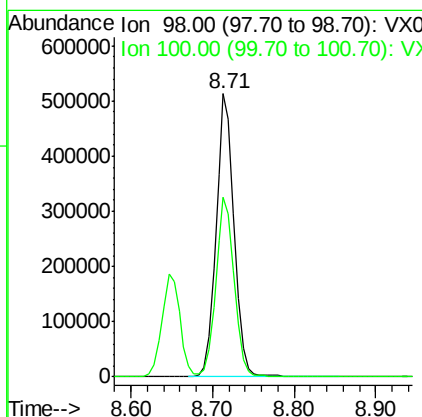
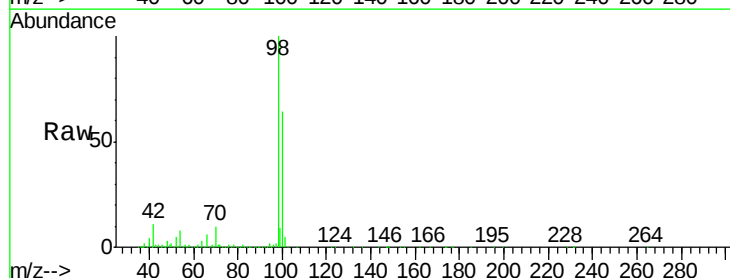
Manual Integrations
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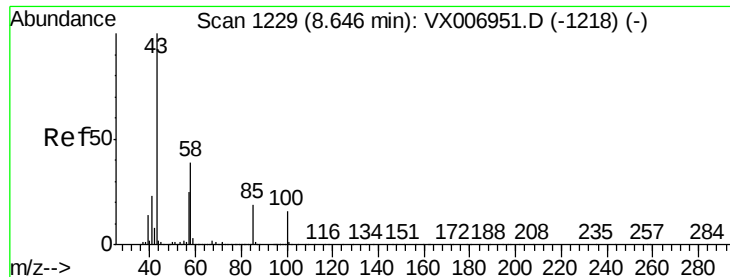
MMDadoda
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#50
Toluene-d8
Concen: 49.661 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	791541		
100	64.4		52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 274.000 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1760417

Ion Ratio Lower Upper

43 100

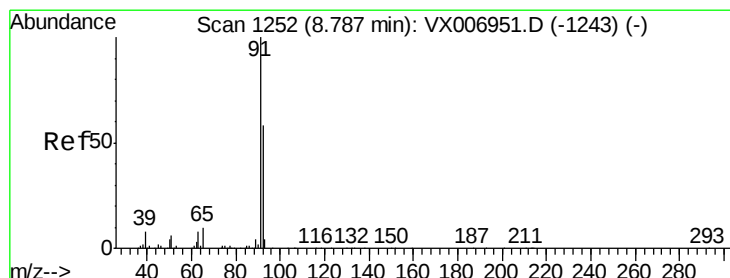
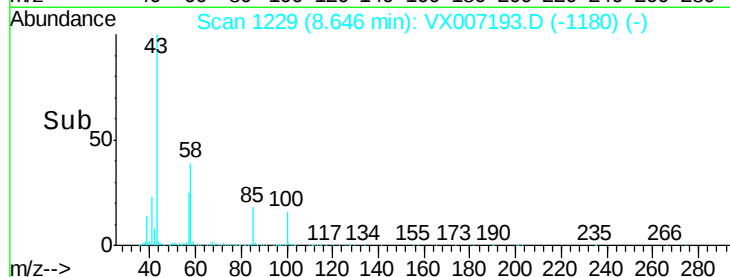
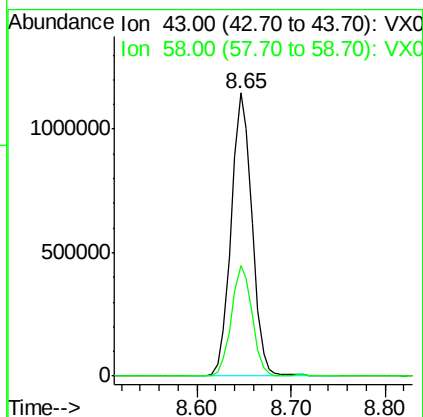
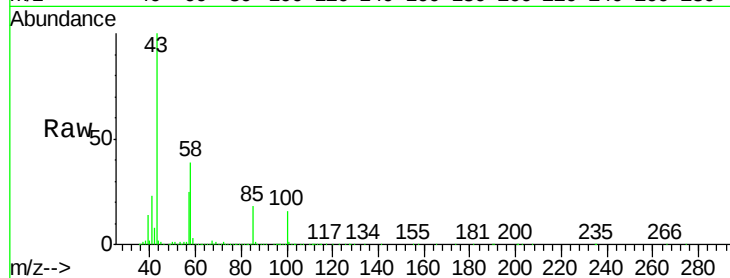
58 38.9 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 49.922 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007193.D

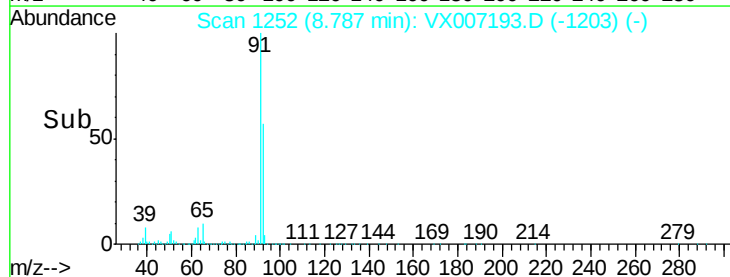
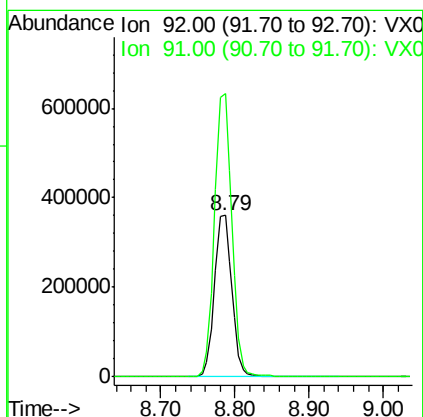
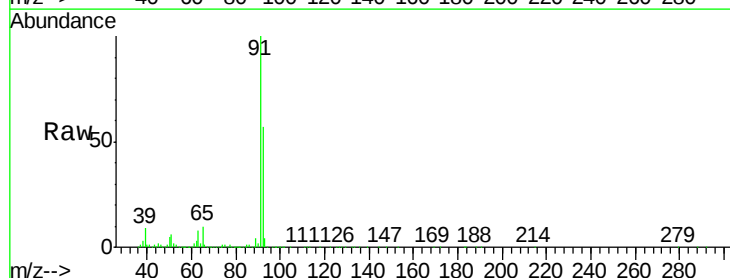
Acq: 22 Jan 2019 20:21

Tgt Ion: 92 Resp: 578795

Ion Ratio Lower Upper

92 100

91 175.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 53.374 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 321082

Ion Ratio Lower Upper

75 100

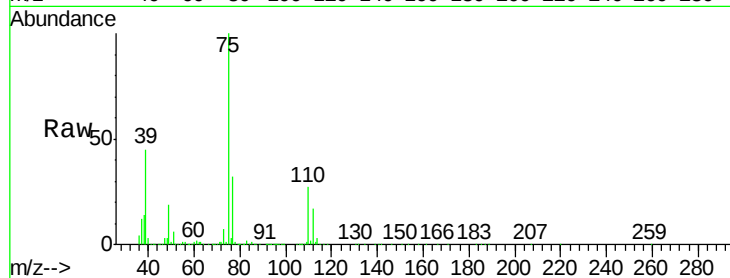
77 32.2 25.4 38.0

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

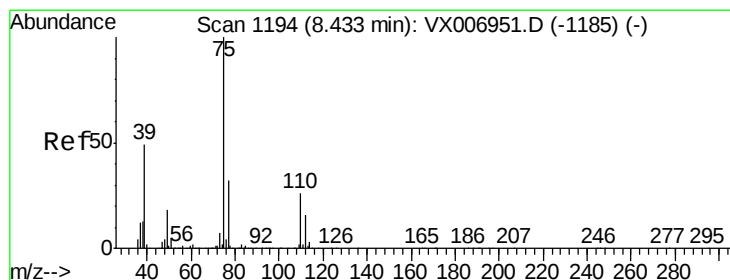
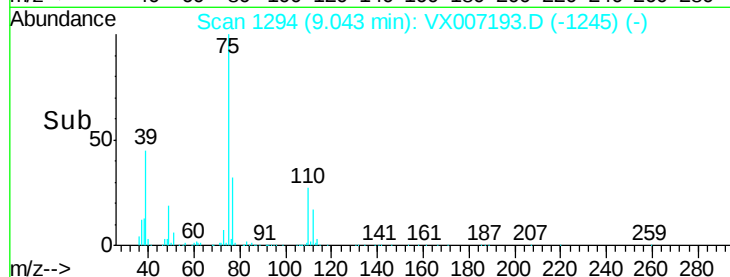
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.759 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

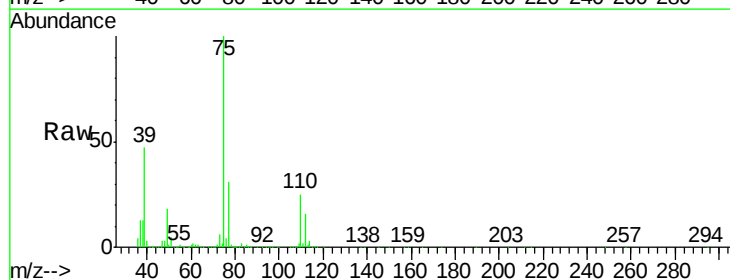
Tgt Ion: 75 Resp: 350502

Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.2

39 47.3 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

300000

250000

200000

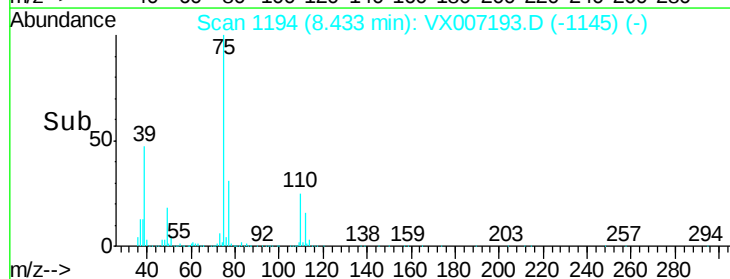
150000

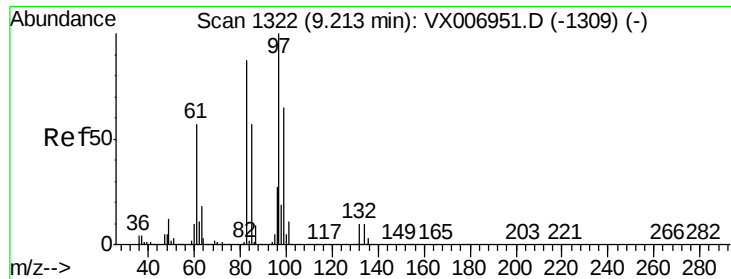
100000

50000

0

Time-->





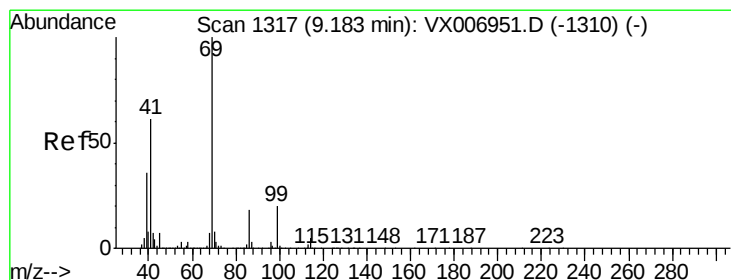
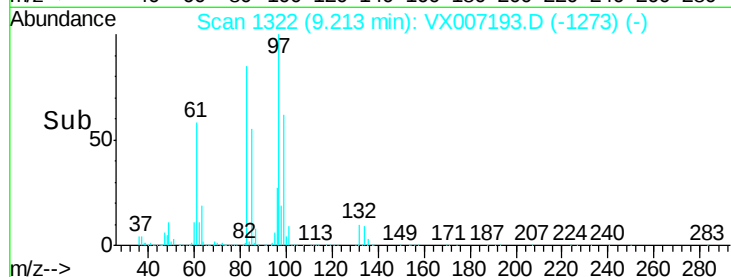
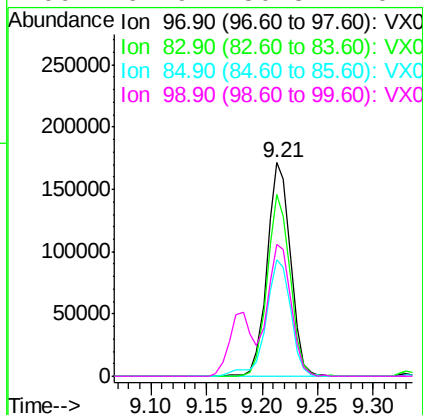
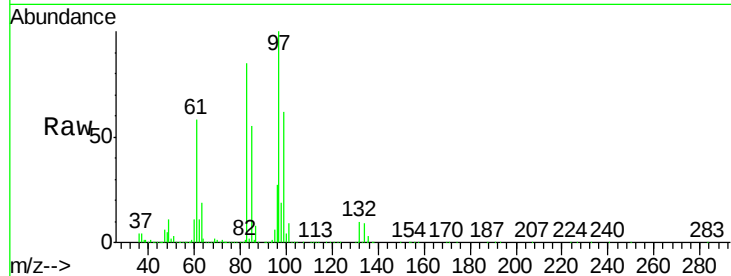
#55
1,1,2-Trichloroethane
Concen: 54.113 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		251120		
83	85.1	66.6	99.8		
85	54.6	42.7	64.1		
99	61.9	50.8	76.2		

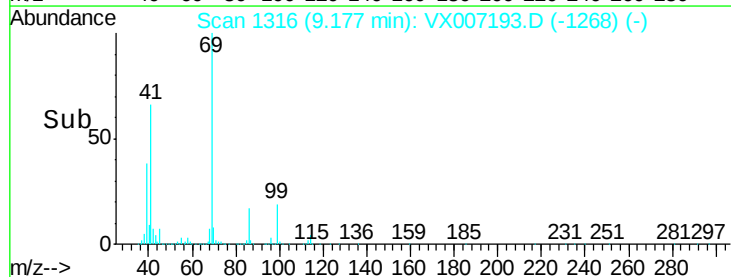
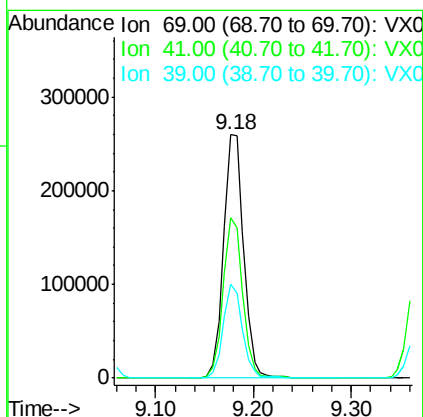
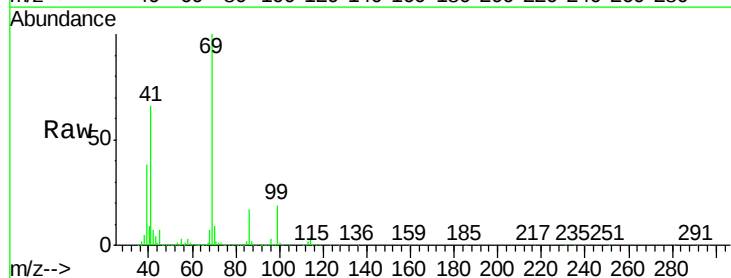
Manual Integrations
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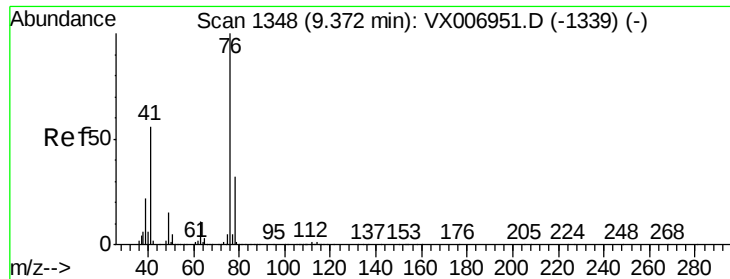
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#56
Ethyl methacrylate
Concen: 54.780 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		371120		
41	63.8	48.7	73.1		
39	36.7	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 52.571 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 399682

Ion Ratio Lower Upper

76 100

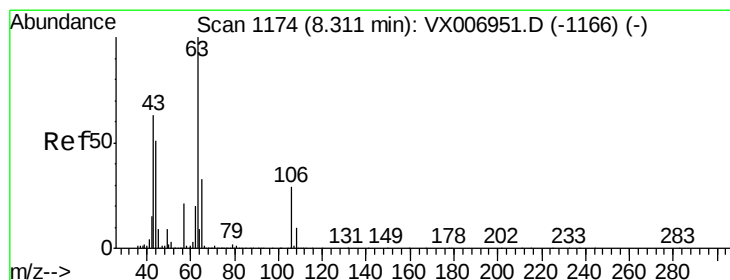
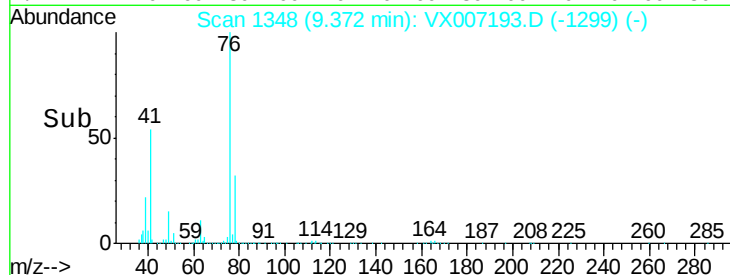
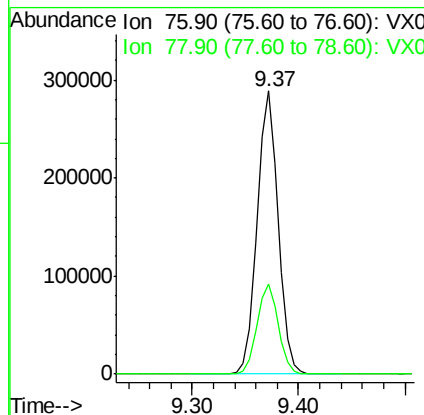
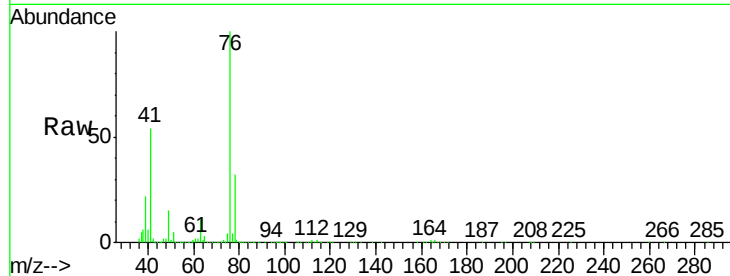
78 32.3 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 258.223 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007193.D

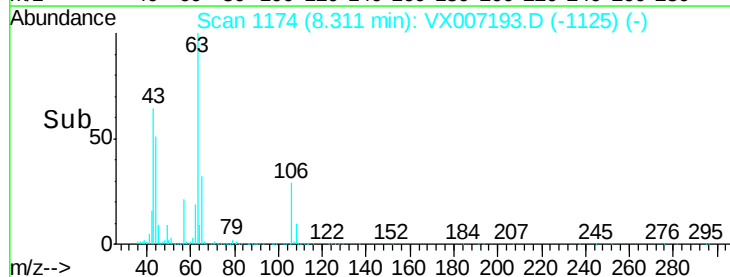
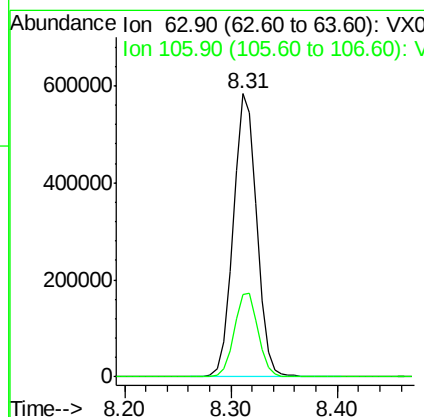
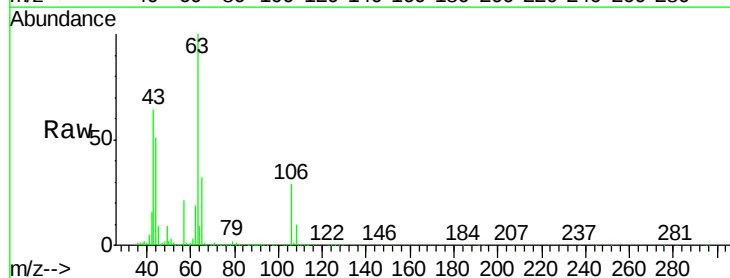
Acq: 22 Jan 2019 20:21

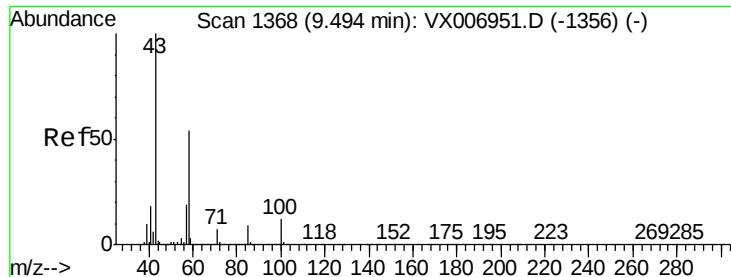
Tgt Ion: 63 Resp: 899469

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8





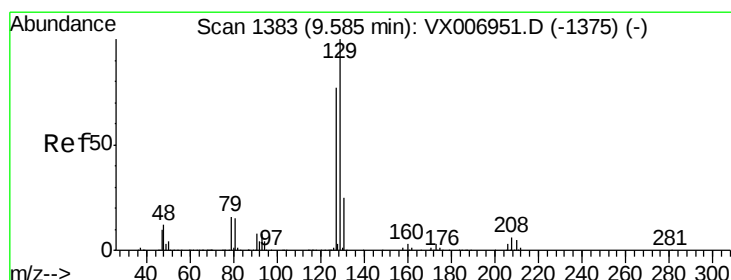
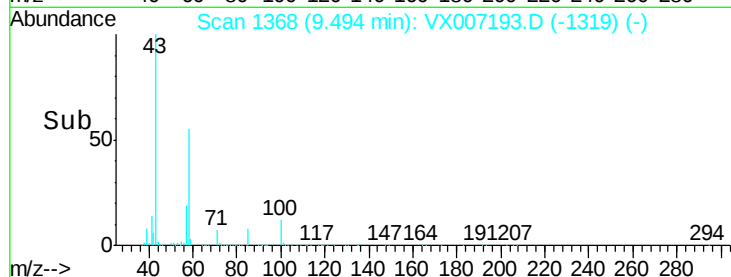
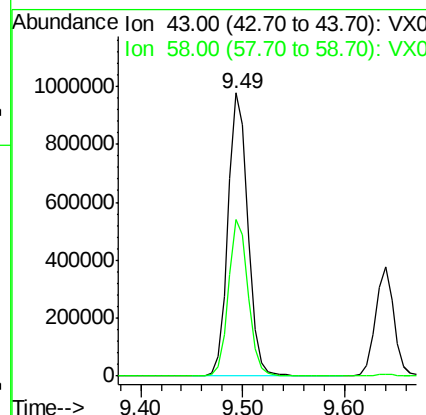
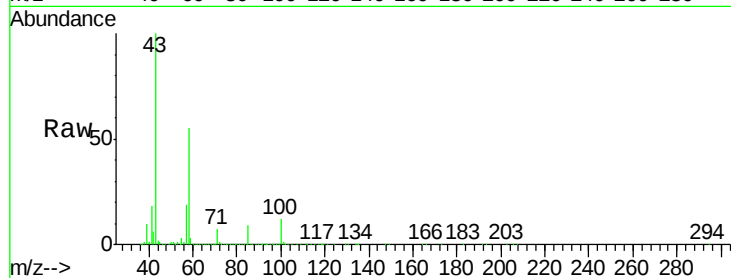
#59
2-Hexanone
Concen: 269.748 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1320720
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

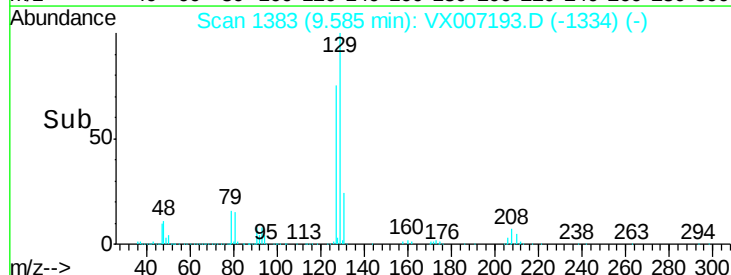
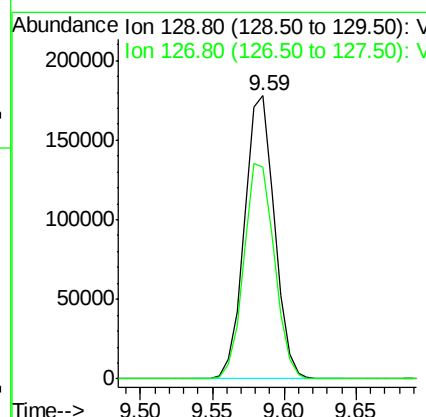
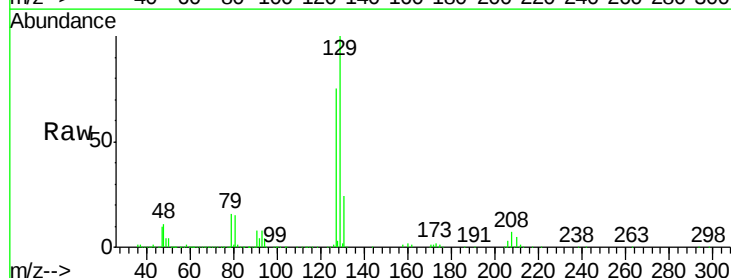
Manual Integrations
APPROVED

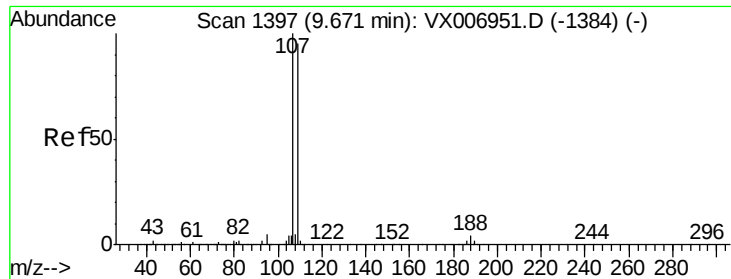
MMDadoda
1/23/2019 11:29:46 AM



#60
Dibromochloromethane
Concen: 56.842 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 129 Resp: 256146
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





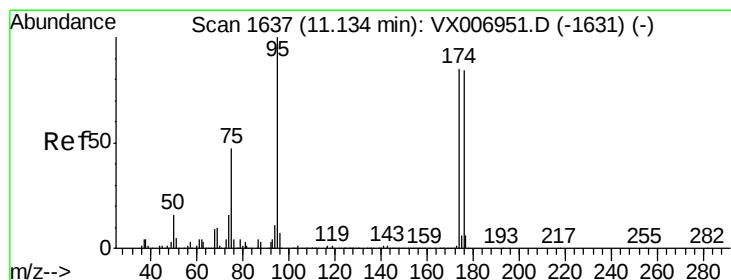
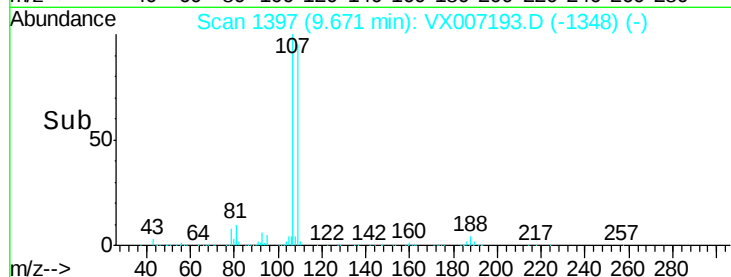
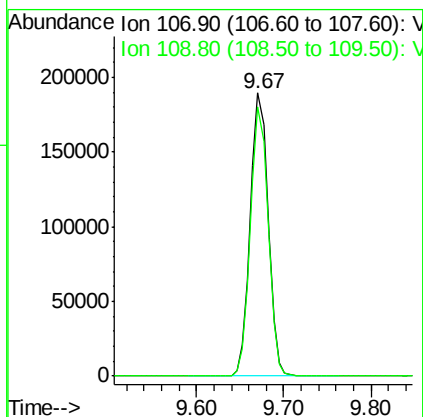
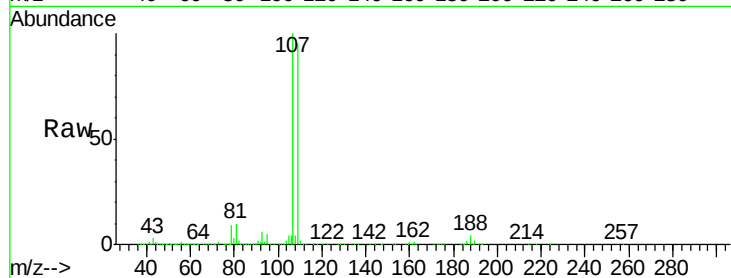
#61
 1,2-Dibromoethane
 Concen: 52.654 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.8	113.6

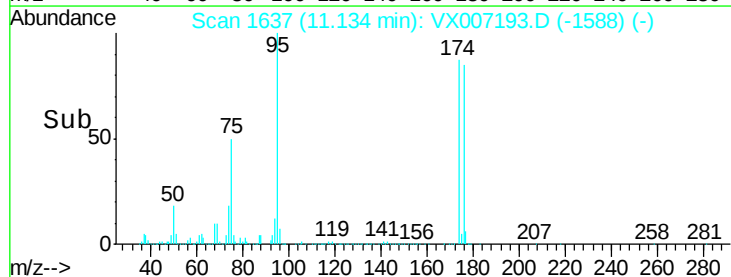
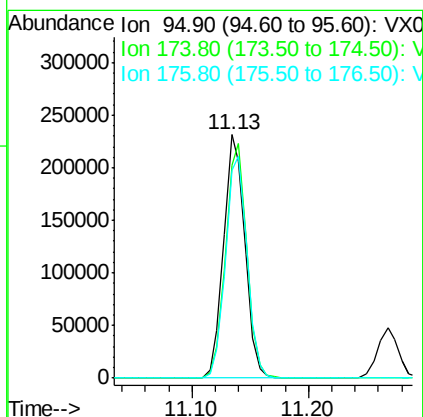
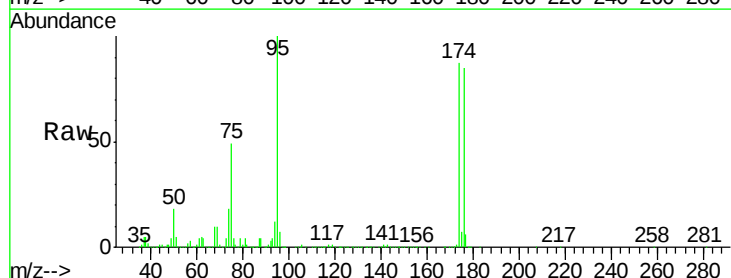
Manual Integrations
 APPROVED

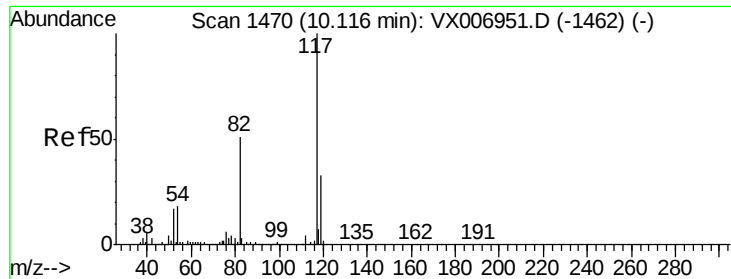
MMDadoda
 1/23/2019 11:29:46 AM



#62
 4-Bromofluorobenzene
 Concen: 52.641 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	182.2
176	92.4	0.0	178.8





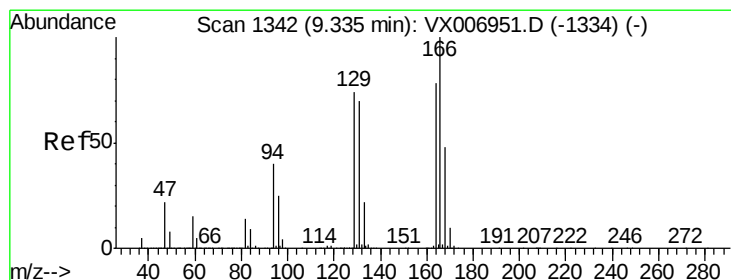
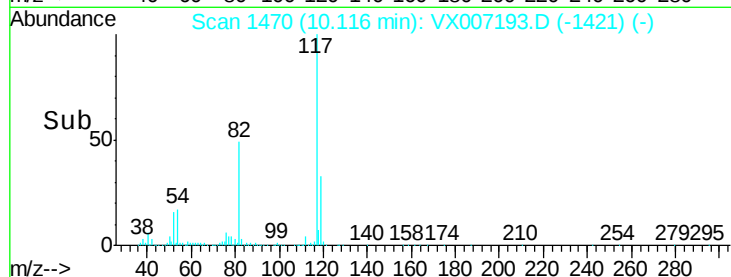
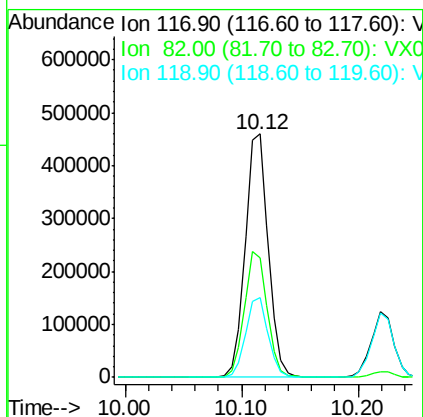
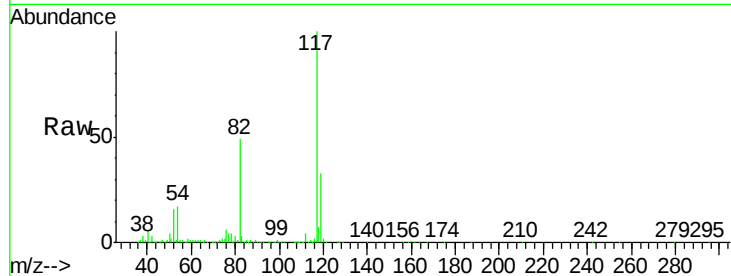
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.2	41.0	61.6
119	33.0	25.4	38.0

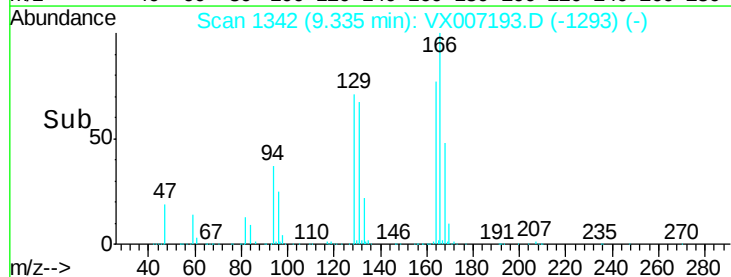
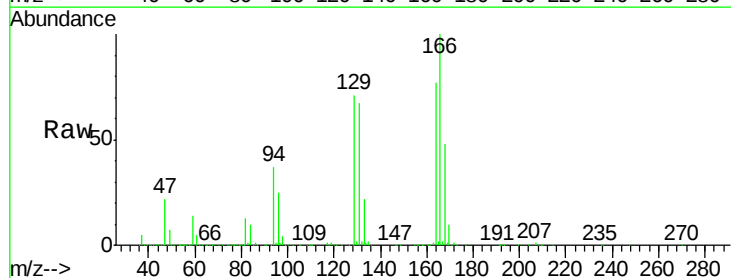
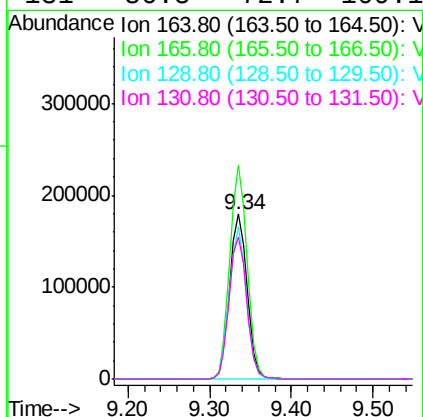
Manual Integrations
APPROVED

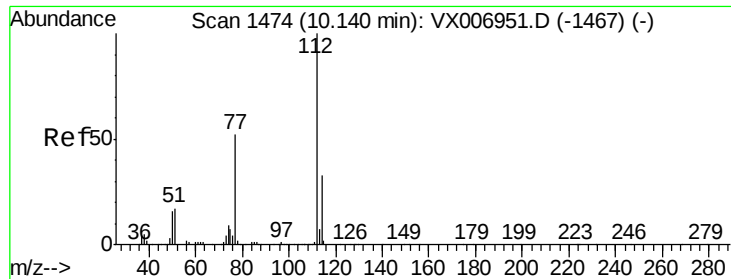
MMDadoda
1/23/2019 11:29:46 AM



#64
Tetrachloroethene
Concen: 47.769 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.5	153.7
129	92.0	75.1	112.7
131	86.5	72.7	109.1





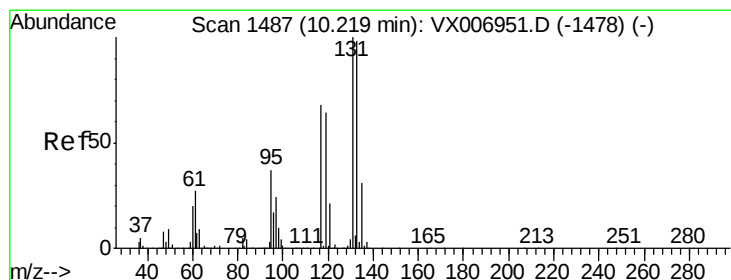
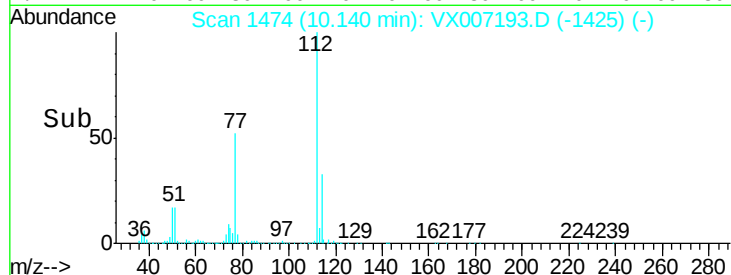
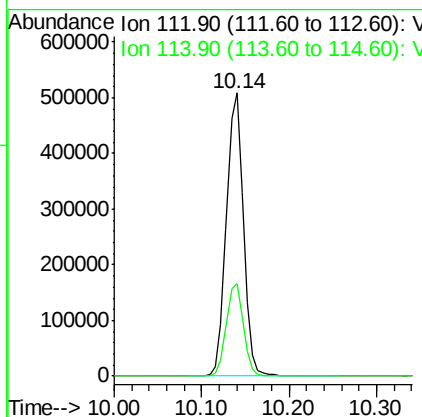
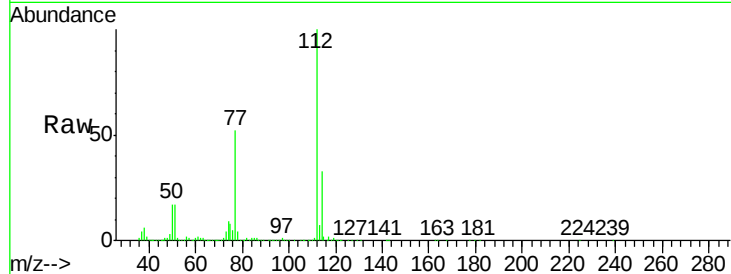
#65
Chlorobenzene
Concen: 49.574 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 687633
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

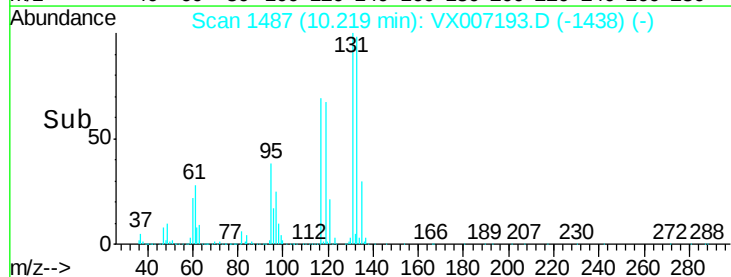
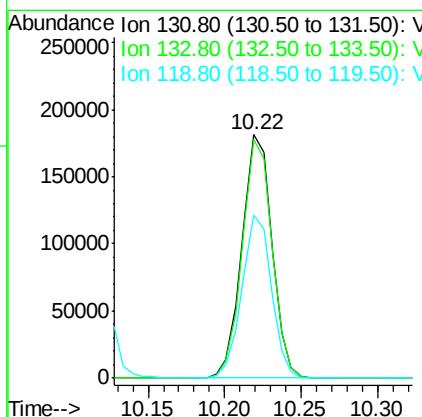
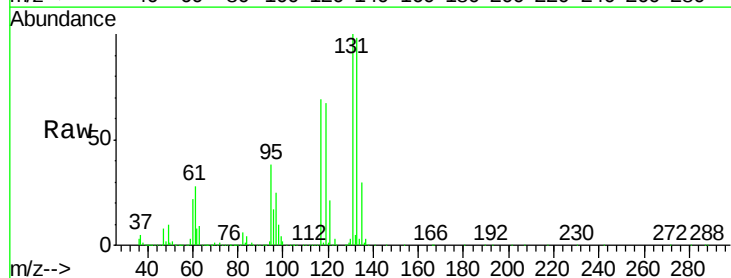
Manual Integrations
APPROVED

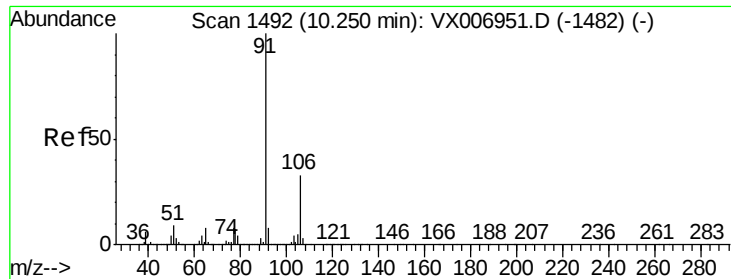
MMDadoda
1/23/2019 11:29:46 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.041 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion:131 Resp: 247496
Ion Ratio Lower Upper
131 100
133 97.3 48.0 144.2
119 66.2 32.6 97.8





#67

Ethyl Benzene

Concen: 49.022 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 1122556

Ion Ratio Lower Upper

91 100

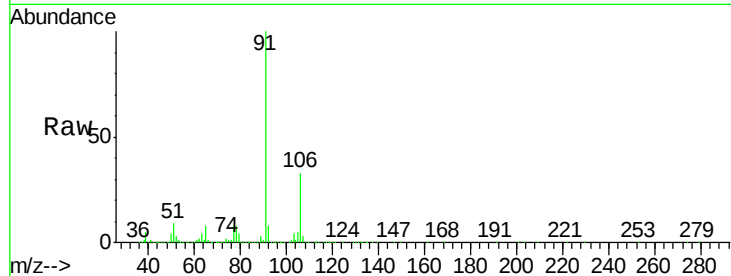
106 32.9 26.4 39.6

Manual Integrations

APPROVED

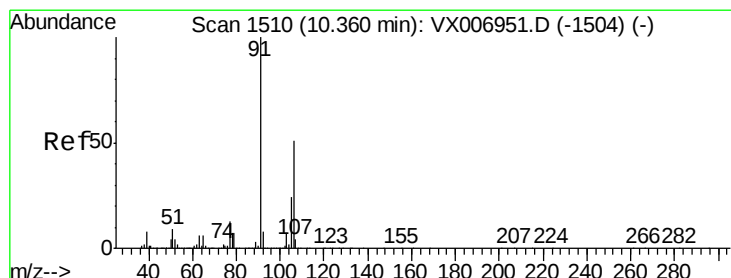
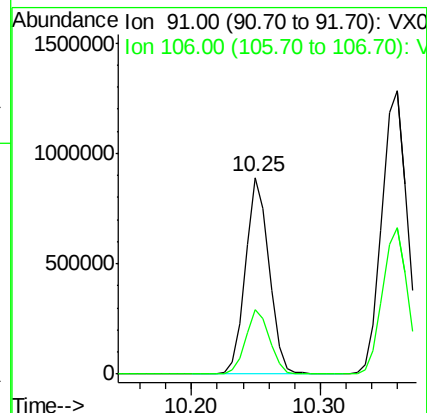
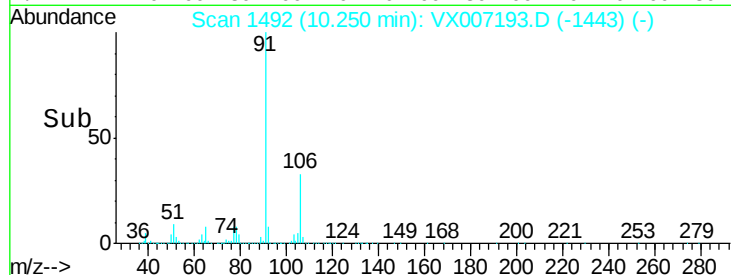
MMDadoda

1/23/2019 11:29:46 AM



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1482) (-)

Ion 106.00 (105.70 to 106.70): VX006951.D (-1482) (-)



#68

m/p-Xylenes

Concen: 98.873 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007193.D

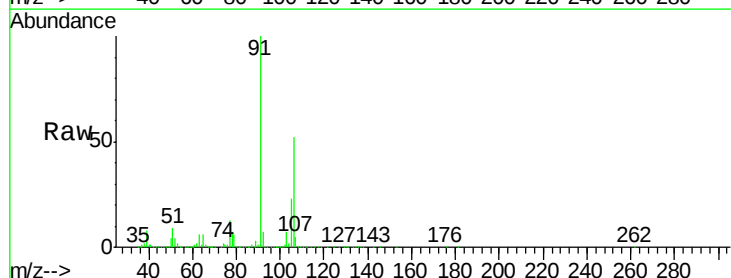
Acq: 22 Jan 2019 20:21

Tgt Ion: 106 Resp: 892019

Ion Ratio Lower Upper

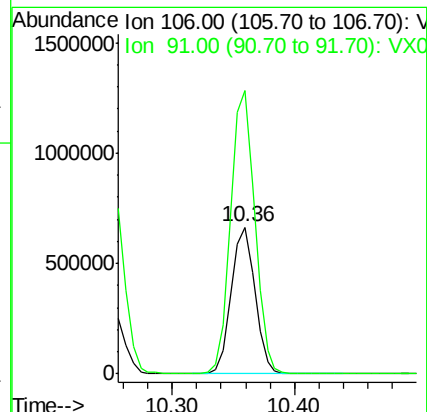
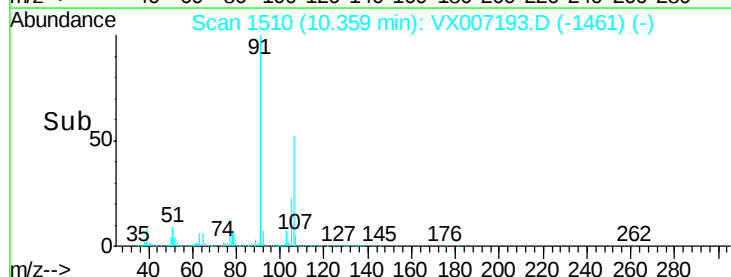
106 100

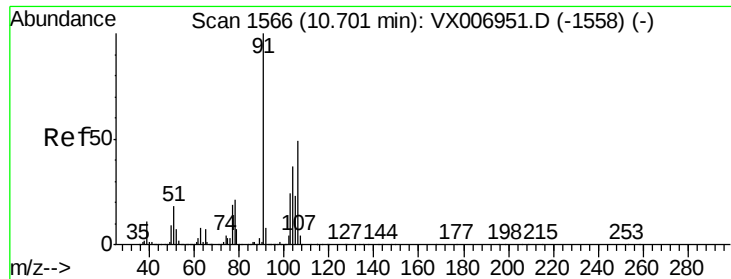
91 196.8 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006951.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX006951.D (-1504) (-)





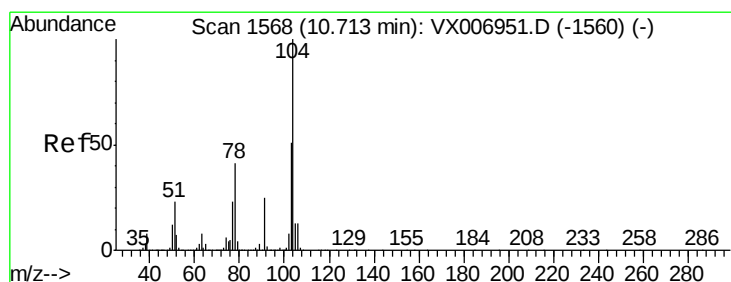
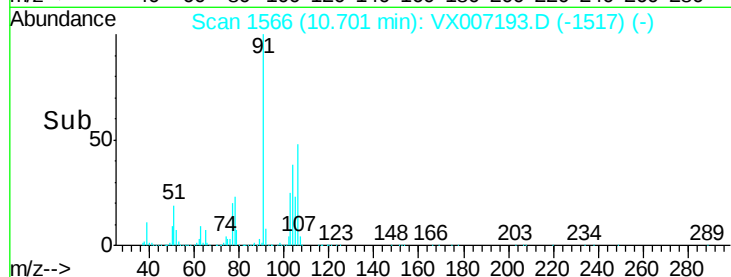
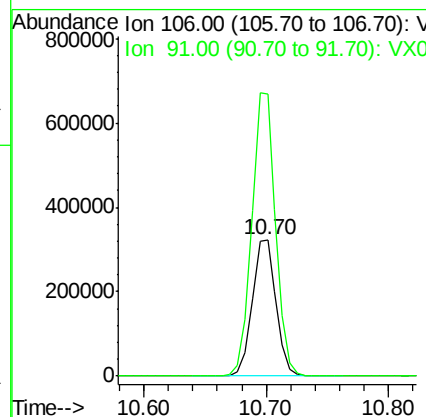
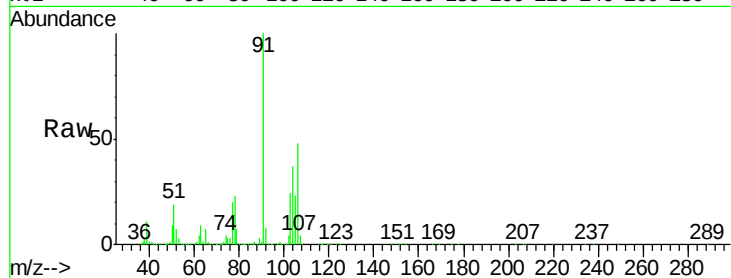
#69
o-Xylene
Concen: 49.615 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.0	101.3	303.7

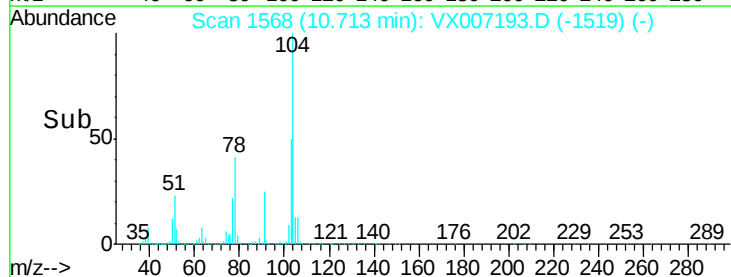
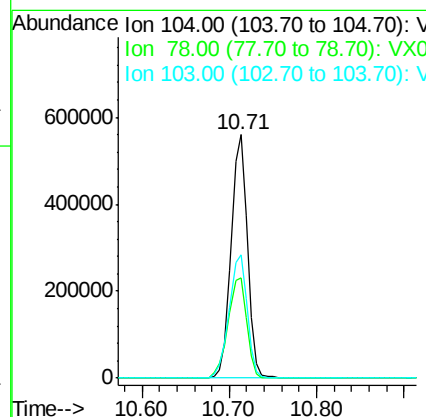
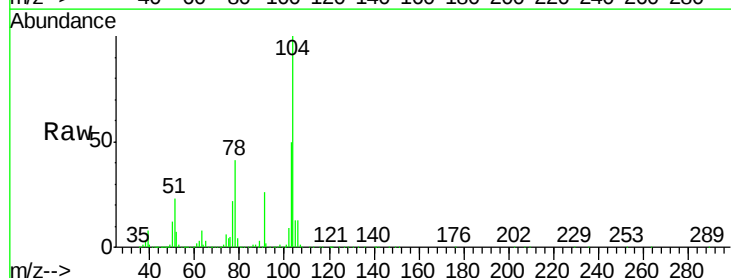
Manual Integrations
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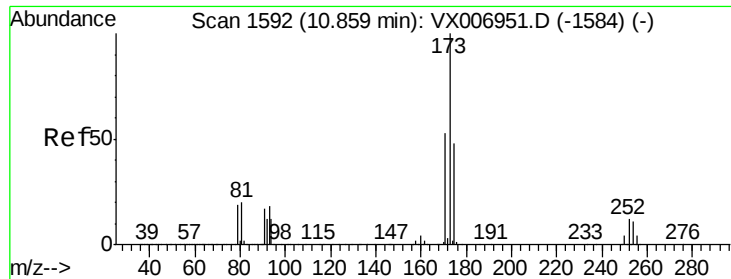
MMDadoda
1/23/2019 11:29:46 AM



#70
Styrene
Concen: 52.064 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.7	56.5
103	56.2	43.8	65.8





#71

Bromoform

Concen: 47.985 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

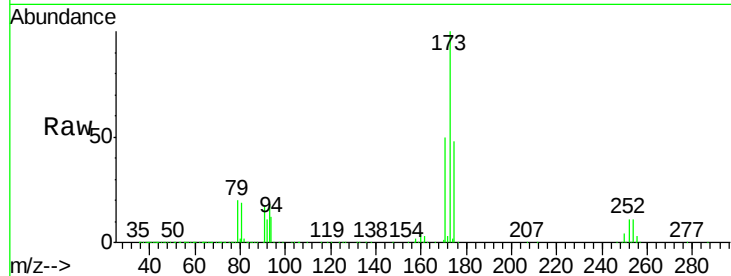
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.7	74.1
254	0.3	0.2	0.2#

Manual Integrations
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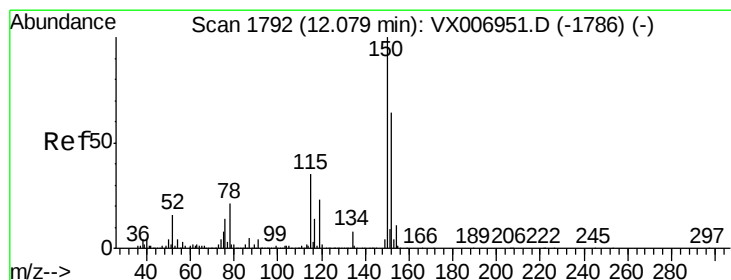
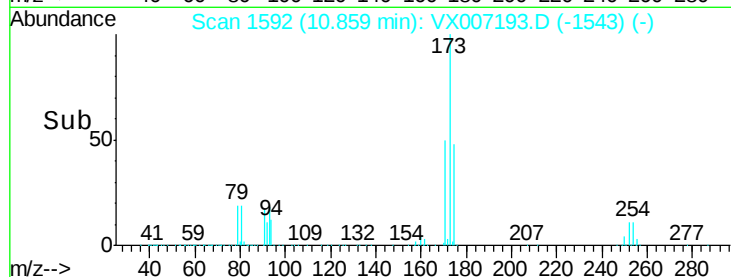
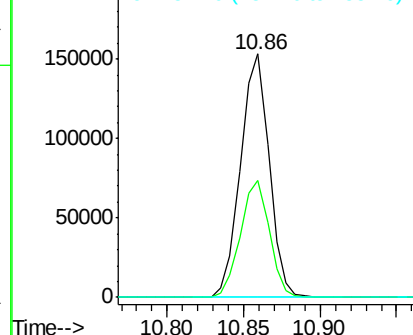


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

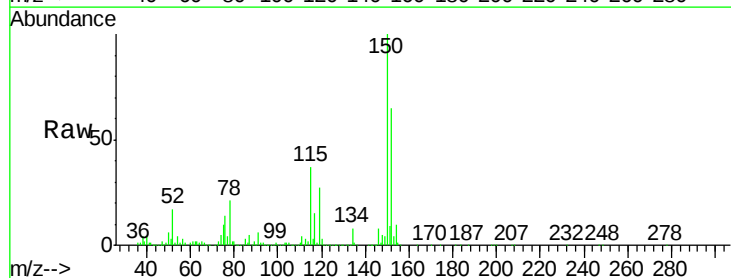
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.4	39.1	117.2
150	173.0	0.0	344.8

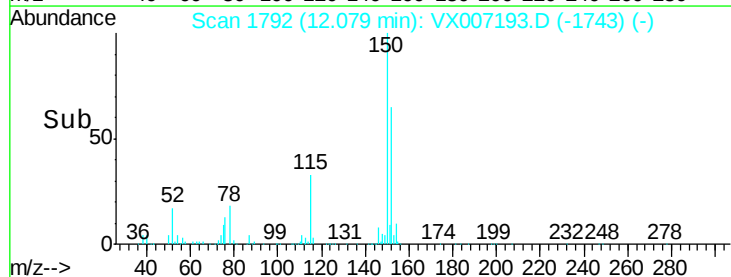
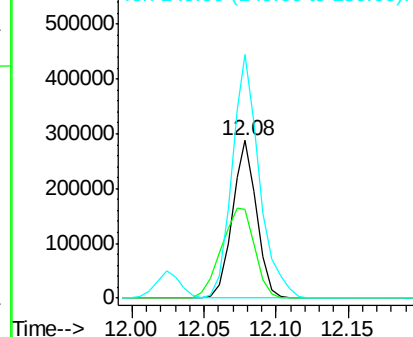


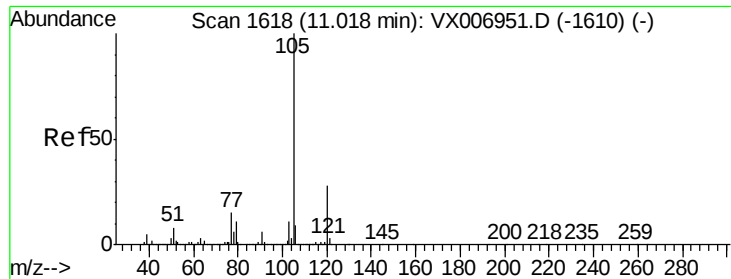
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.044 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1171366

Ion Ratio Lower Upper

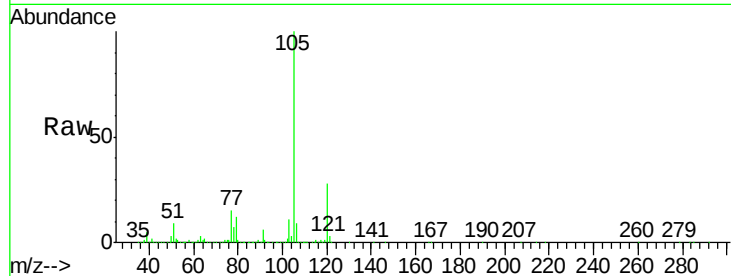
105 100

120 28.0 14.1 42.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

400000

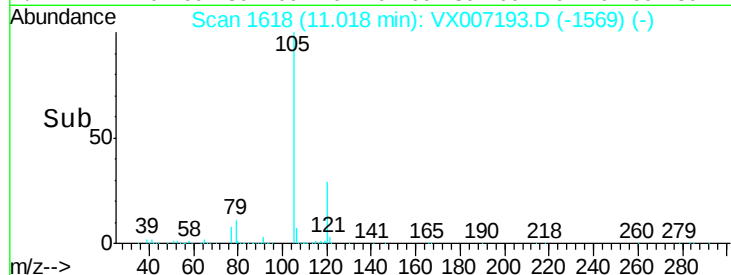
200000

0

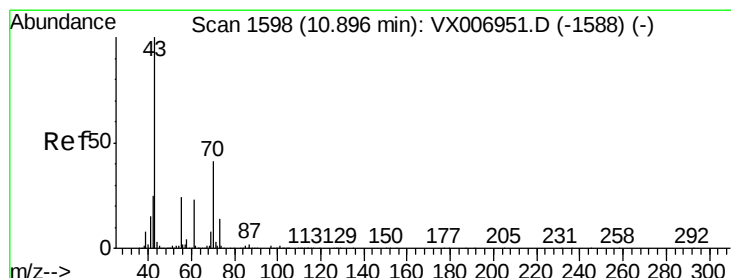
11.02

11.00

10.90



Time-->



#74

N-ethyl acetate

Concen: 49.421 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion: 43 Resp: 475247

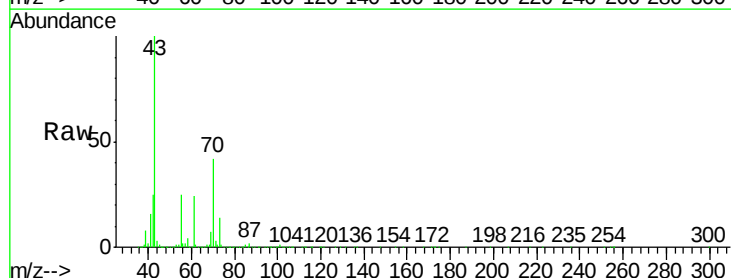
Ion Ratio Lower Upper

43 100

70 42.9 35.8 53.8

55 24.8 19.4 29.0

61 24.5 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

500000

400000

300000

200000

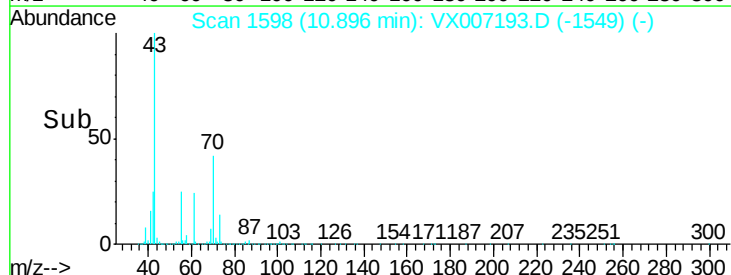
100000

0

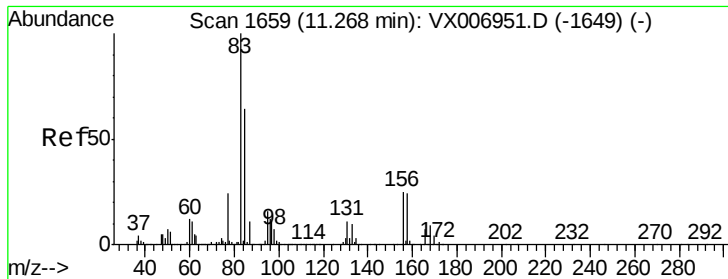
10.90

10.80

11.00



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 49.137 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 372576

Ion Ratio Lower Upper

83 100

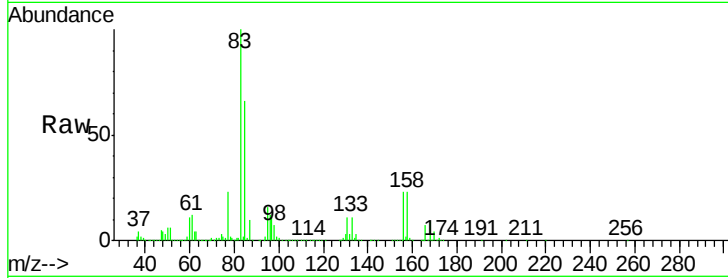
131 10.9 5.7 17.1

85 65.4 32.2 96.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

11.27

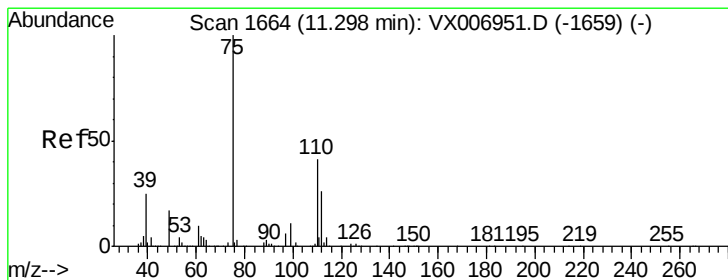
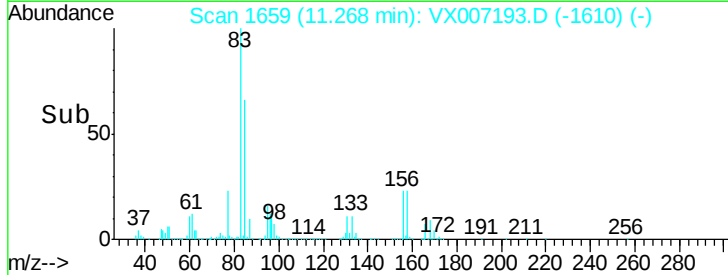
300000

200000

100000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 50.702 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007193.D

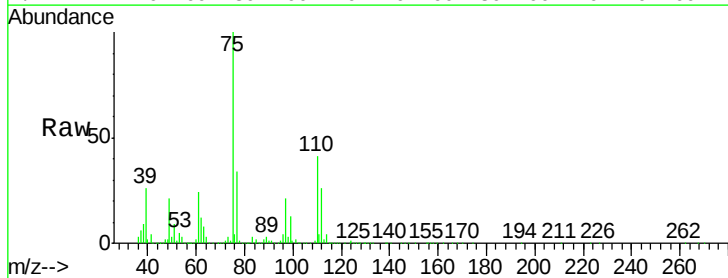
Acq: 22 Jan 2019 20:21

Tgt Ion: 75 Resp: 348014

Ion Ratio Lower Upper

75 100

77 38.1 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

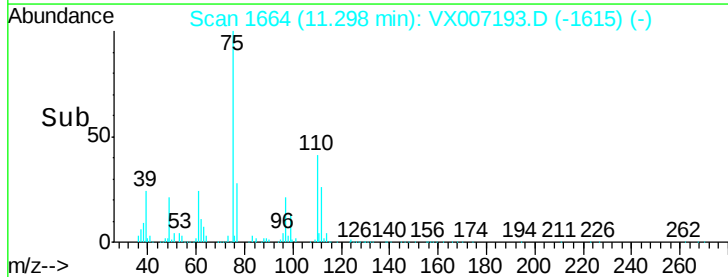
300000

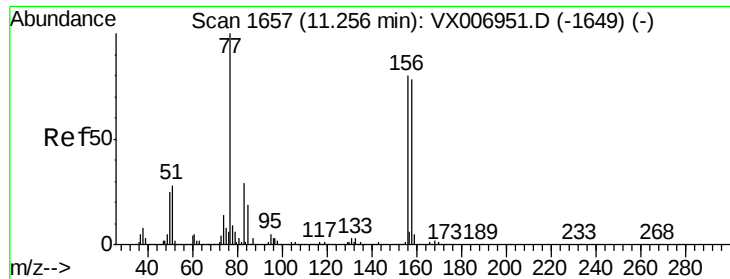
200000

100000

0

Time-->





#77

Bromobenzene

Concen: 48.450 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 318847

Ion Ratio Lower Upper

156 100

77 136.5 68.0 204.0

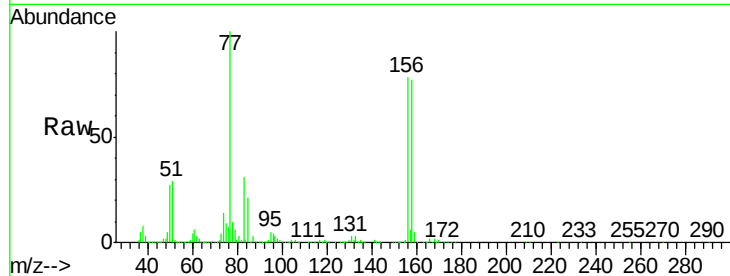
158 97.5 48.3 144.8

Manual Integrations

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->

11.20 11.26 11.30

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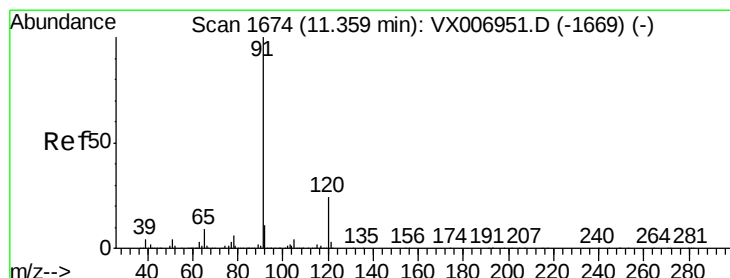
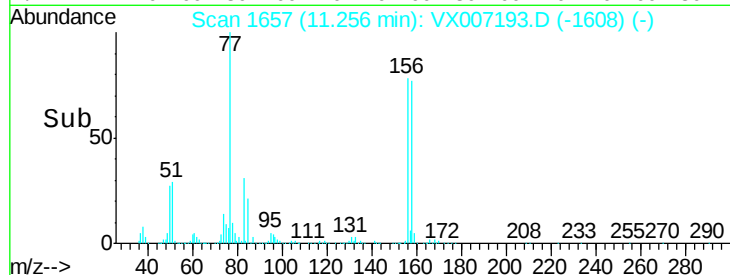
11.26

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11.26



#78

n-propylbenzene

Concen: 49.940 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007193.D

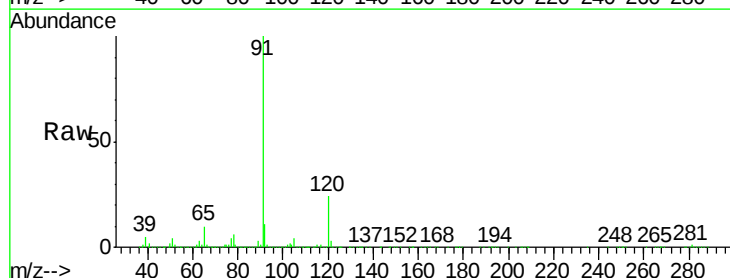
Acq: 22 Jan 2019 20:21

Tgt Ion: 91 Resp: 1309402

Ion Ratio Lower Upper

91 100

120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

Time-->

11.30 11.35 11.40

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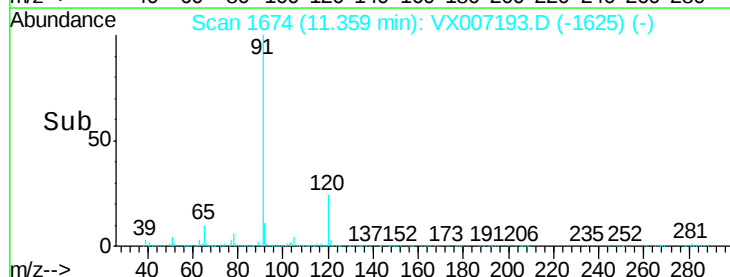
11.36

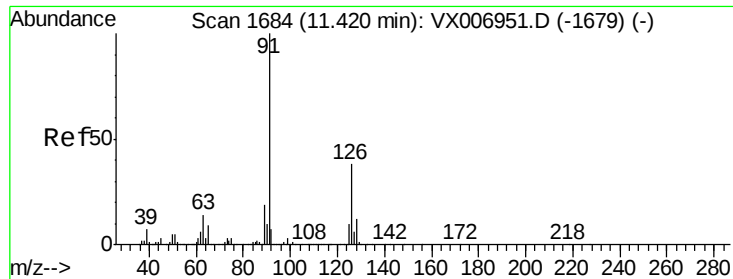
11.36

11.36

11.36

11.36





#79

2-Chlorotoluene

Concen: 48.678 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 768282

Ion Ratio Lower Upper

91 100

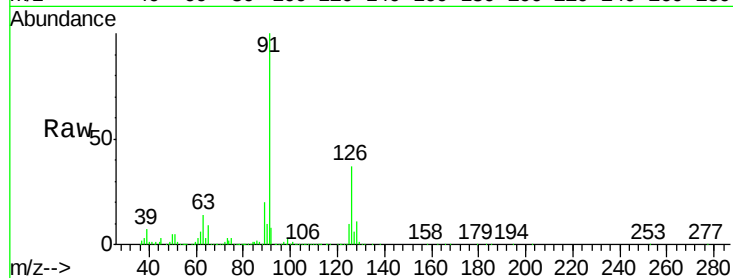
126 37.1 18.6 56.0

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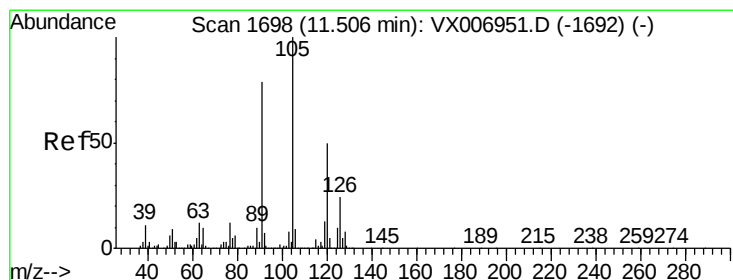
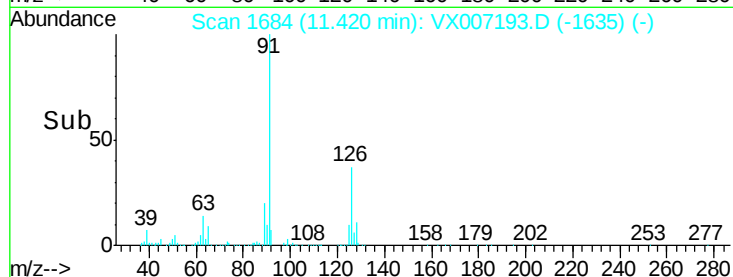
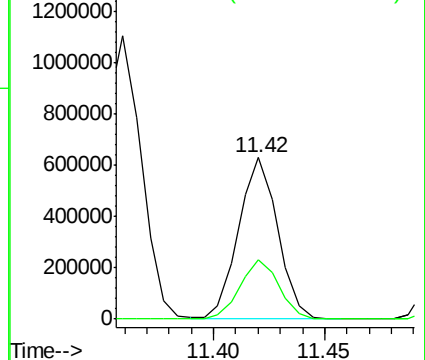
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.770 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007193.D

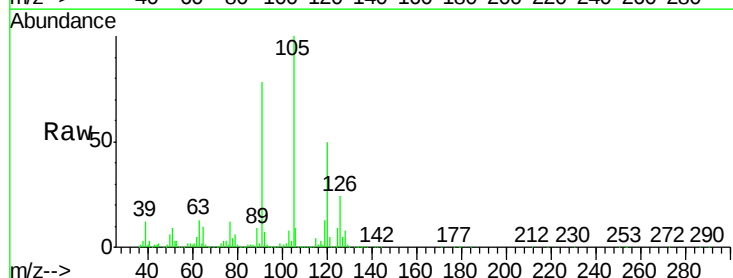
Acq: 22 Jan 2019 20:21

Tgt Ion:105 Resp: 973293

Ion Ratio Lower Upper

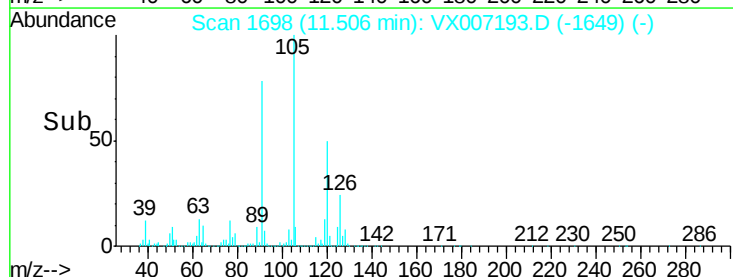
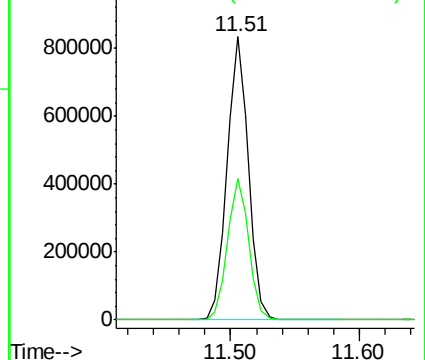
105 100

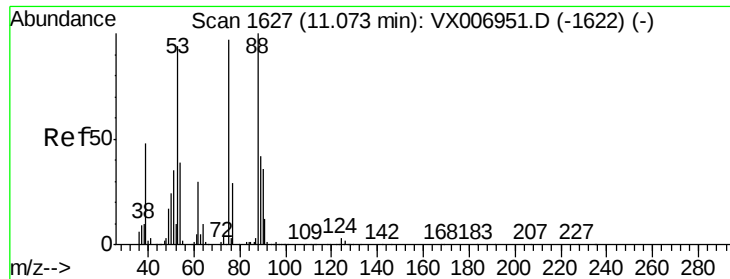
120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





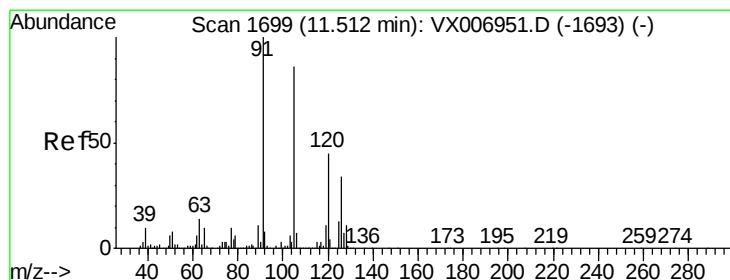
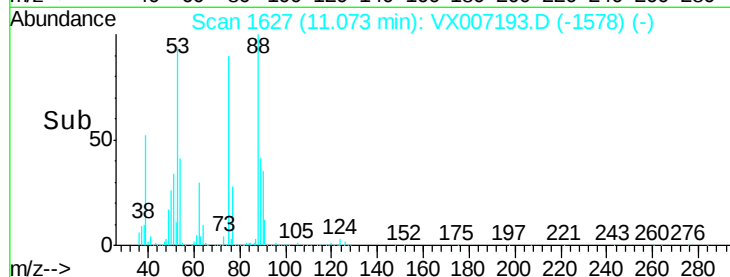
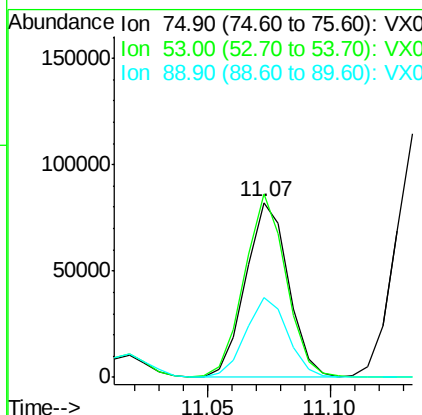
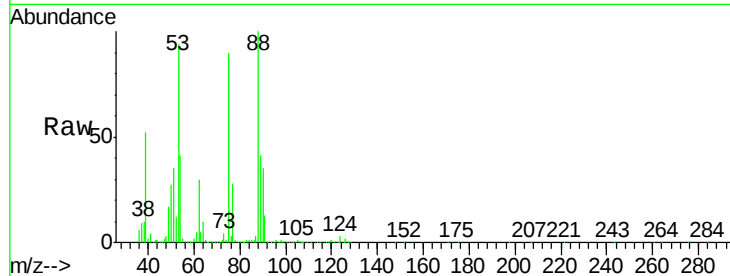
#81
trans-1,4-Dichloro-2-butene
Concen: 44.048 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.3	79.7	119.5
89	45.3	38.0	57.0

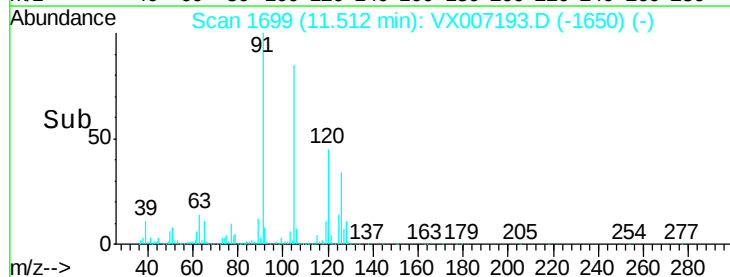
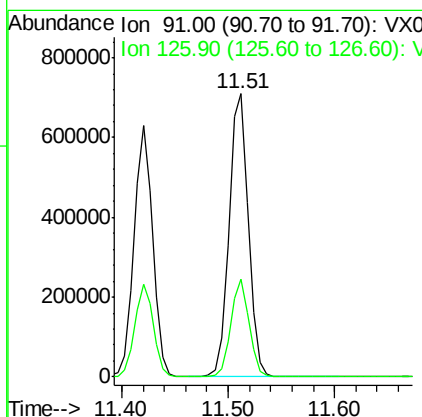
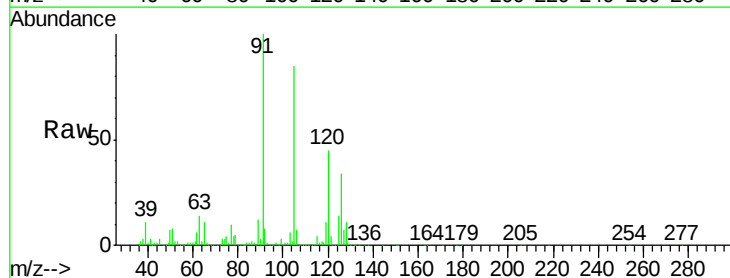
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#82
4-Chlorotoluene
Concen: 49.204 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.3	48.9





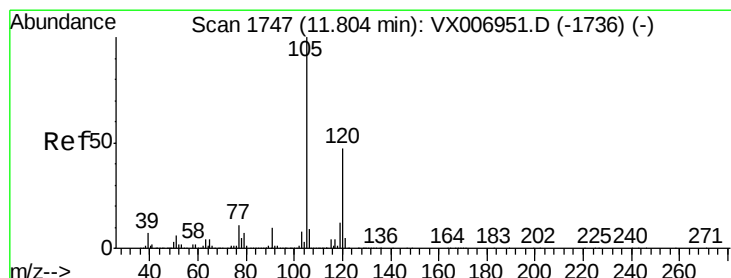
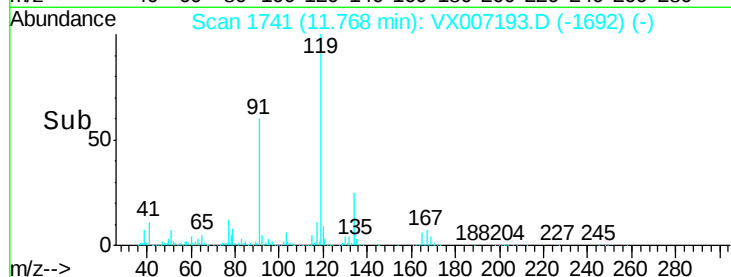
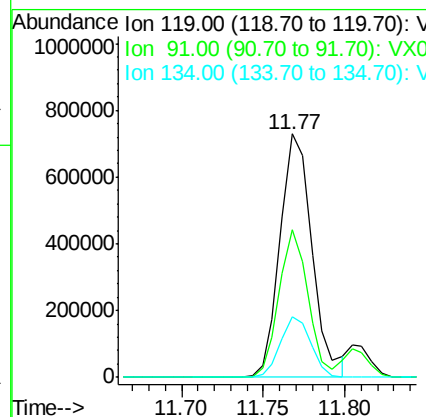
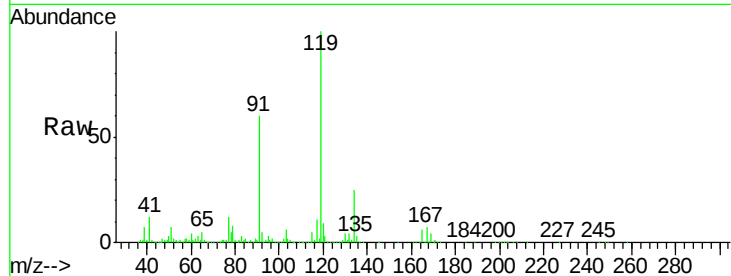
#83
tert-Butylbenzene
Concen: 49.786 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	991315		
91	54.7	27.7	83.1	
134	23.5	11.9	35.5	

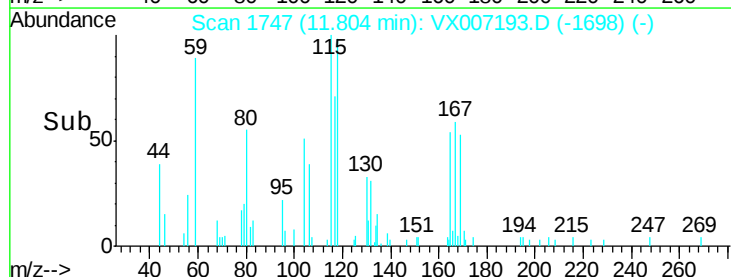
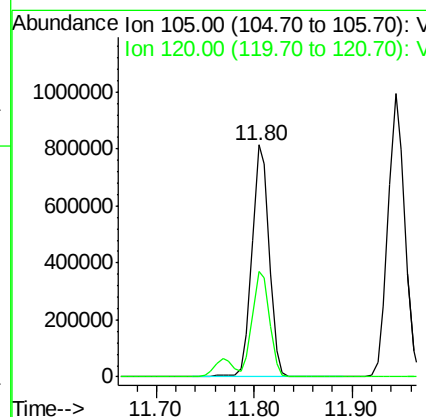
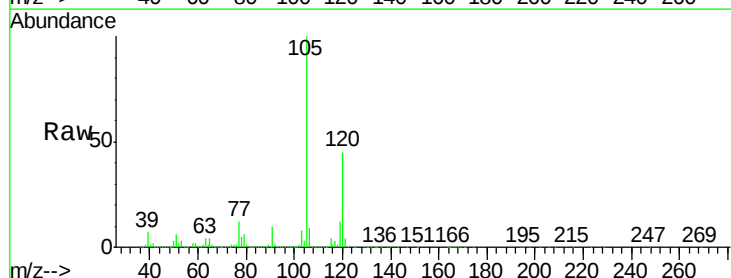
Manual Integrations
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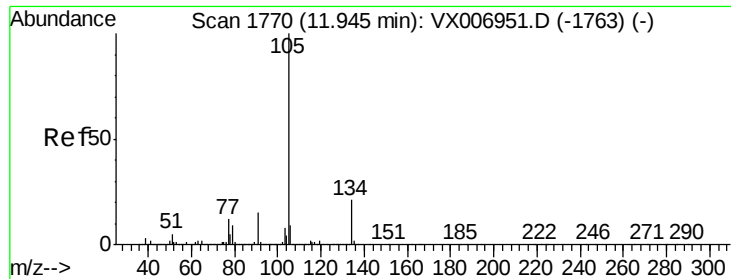
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#84
1,2,4-Trimethylbenzene
Concen: 49.444 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	992256		
120	45.7	23.2	69.6	





#85

sec-Butylbenzene

Concen: 49.899 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1186599

Ion Ratio Lower Upper

105 100

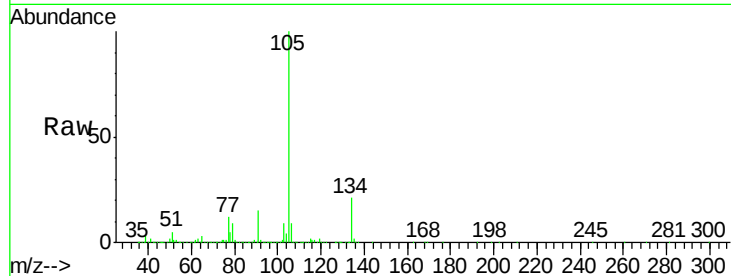
134 21.2 10.7 31.9

Manual Integrations

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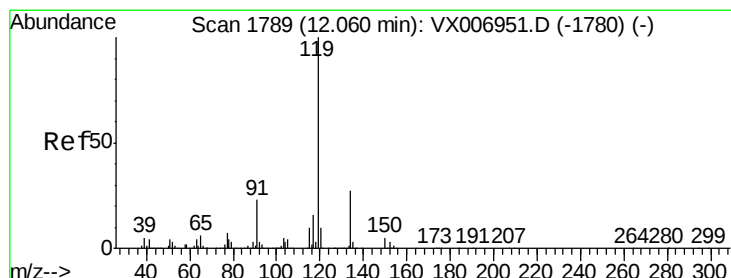
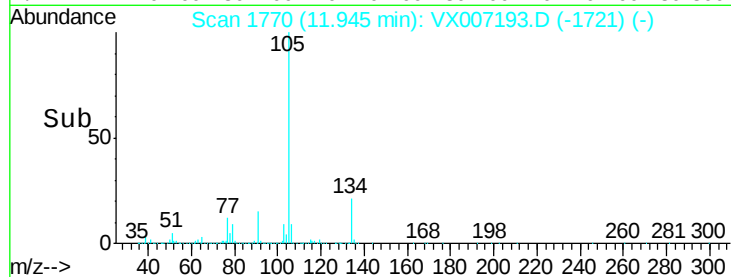
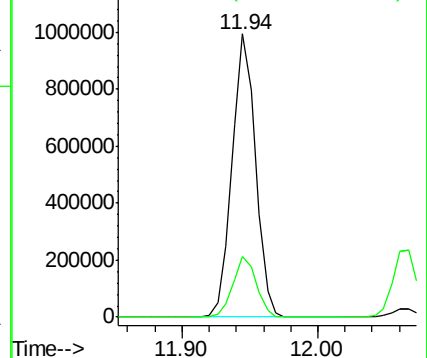
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.723 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

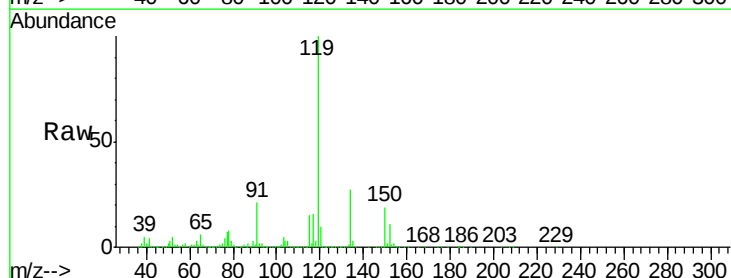
Tgt Ion:119 Resp: 1057619

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

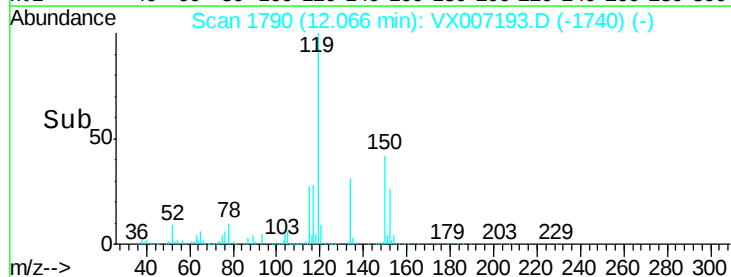
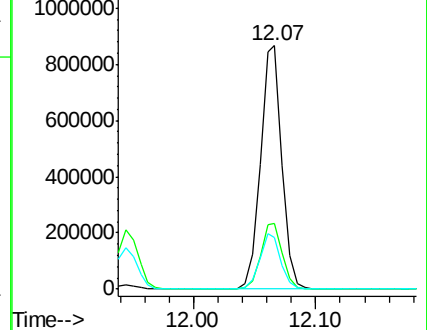
91 22.5 11.3 33.9

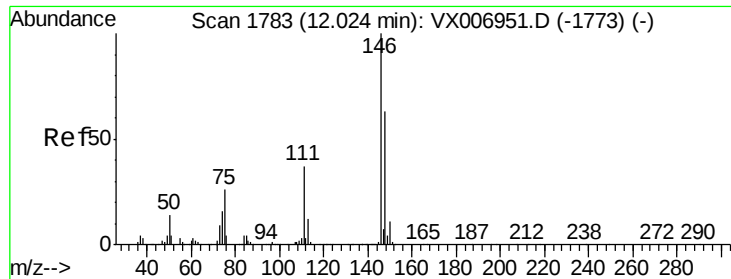


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





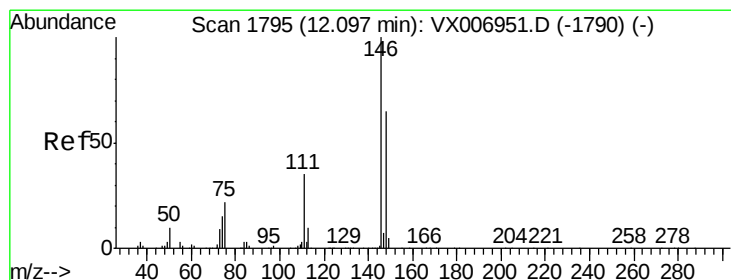
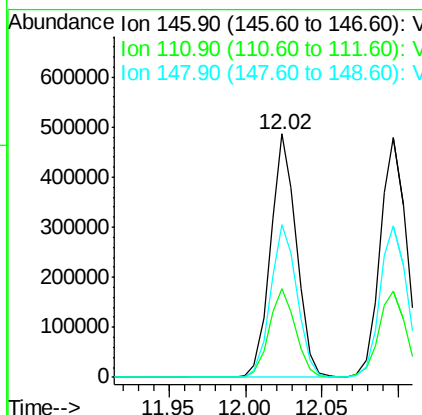
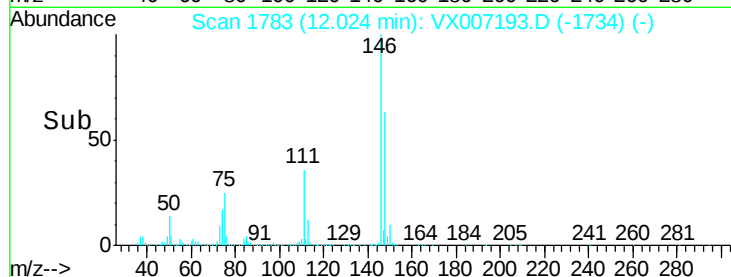
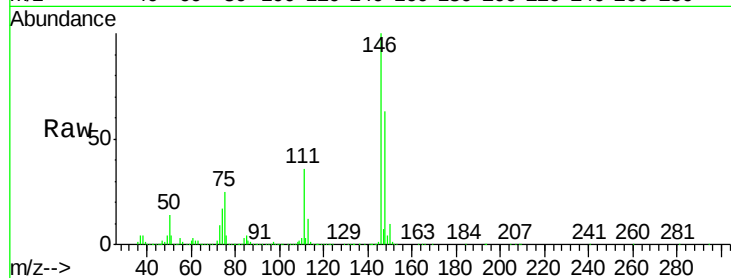
#87
 1,3-Dichlorobenzene
 Concen: 48.142 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	64.1	31.8	95.3

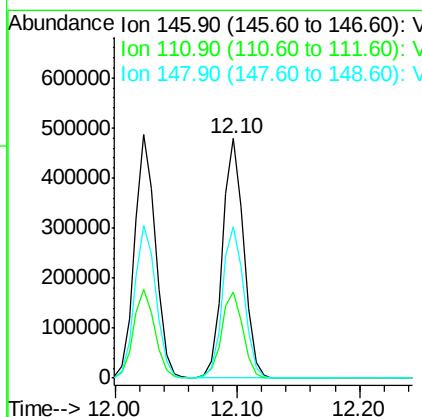
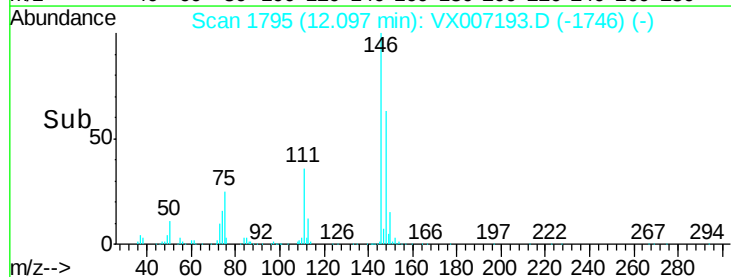
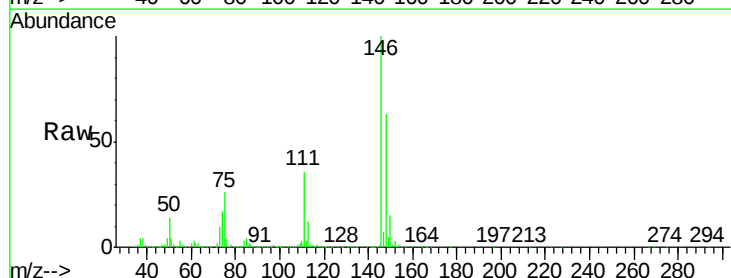
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#88
 1,4-Dichlorobenzene
 Concen: 50.758 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.7	31.9	95.9





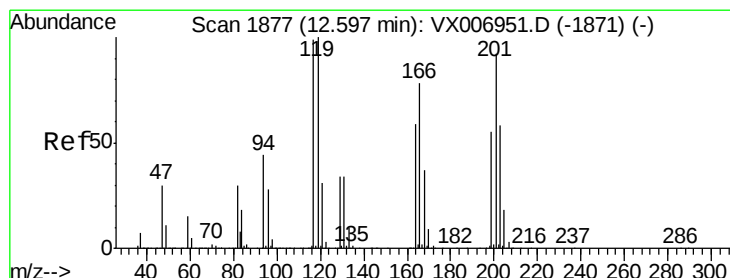
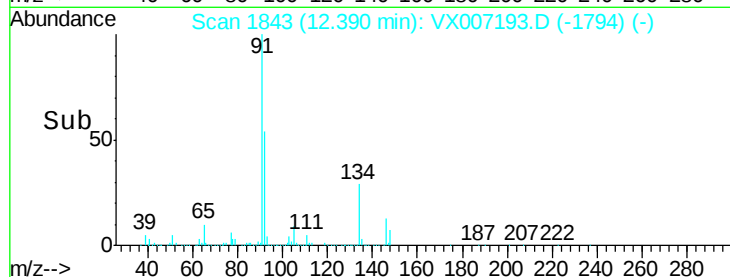
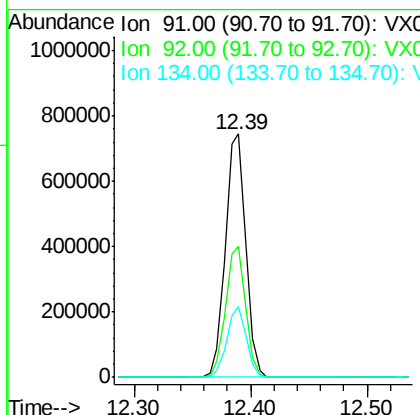
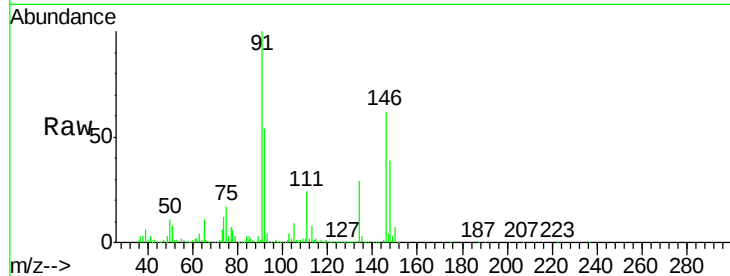
#89
n-Butylbenzene
Concen: 49.501 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	28.0	14.4	43.2

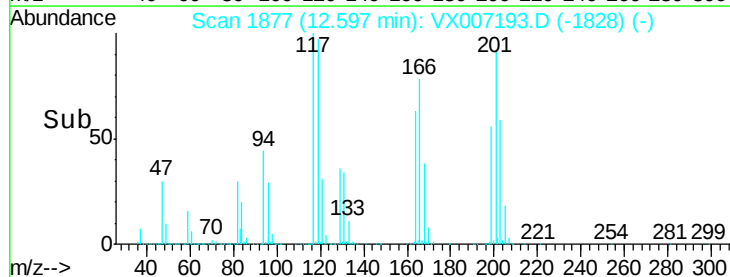
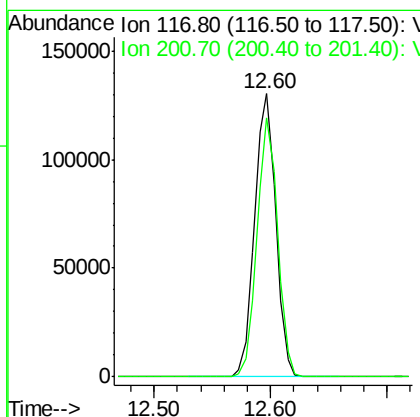
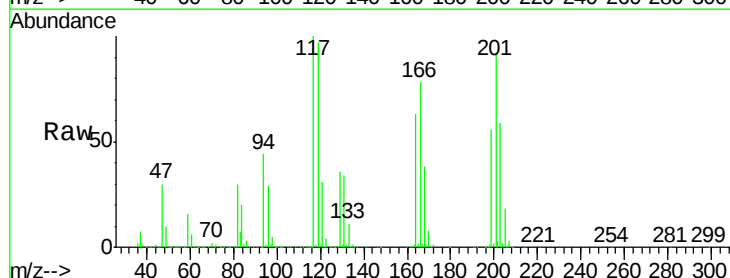
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#90
Hexachloroethane
Concen: 48.948 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.8	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 48.400 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

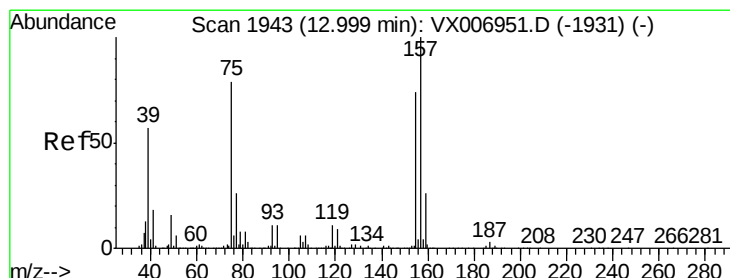
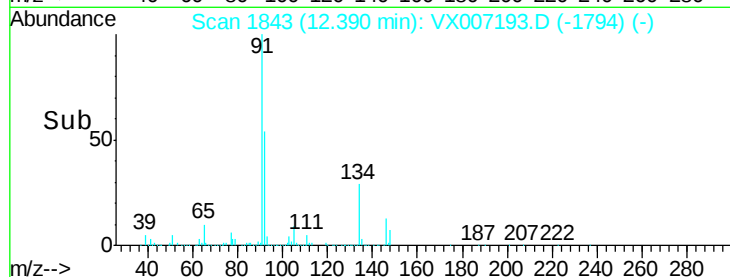
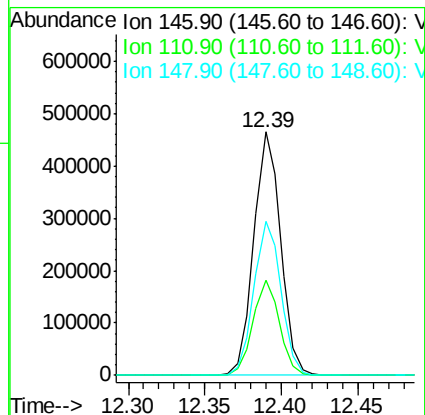
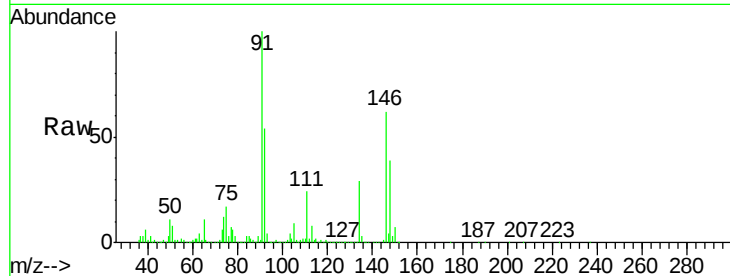
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	568149
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.4	58.2
148	64.0	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 51.534 ug/l

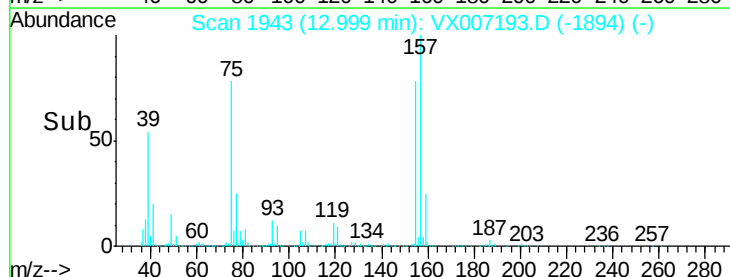
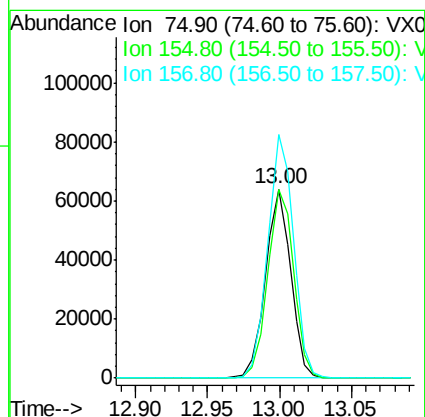
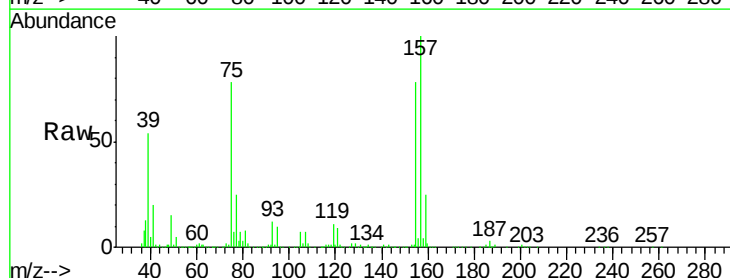
RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion:	75	Resp:	77281
Ion Ratio	Lower	Upper	
75	100		
155	102.8	50.6	151.8
157	132.2	64.6	193.8





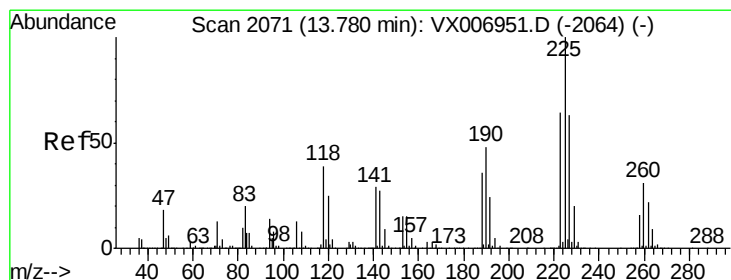
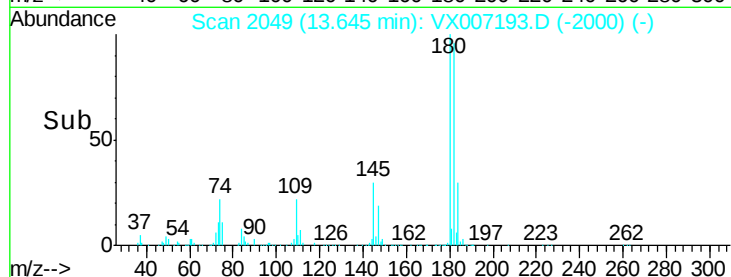
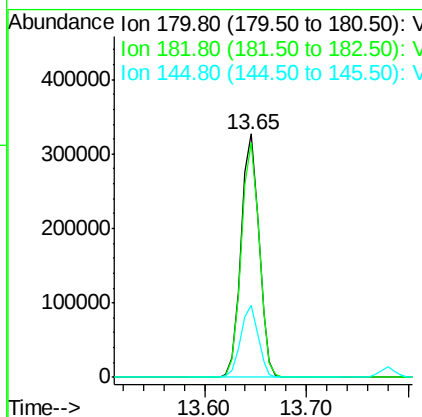
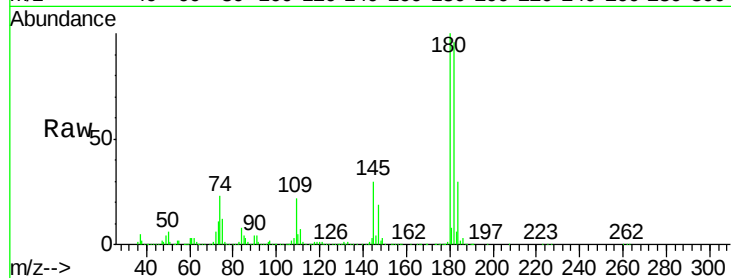
#93
 1,2,4-Trichlorobenzene
 Concen: 49.056 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	395077		
182	96.3	47.3	142.0	
145	29.2	14.8	44.3	

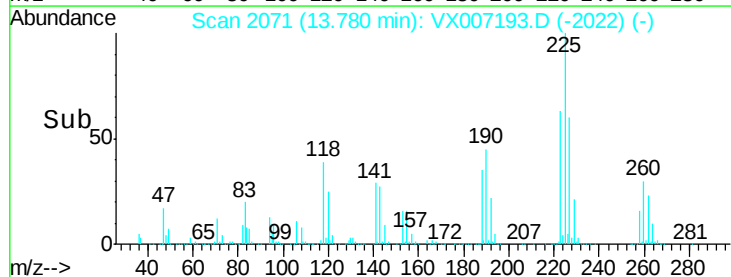
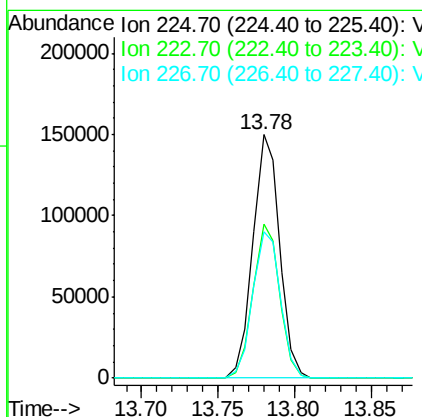
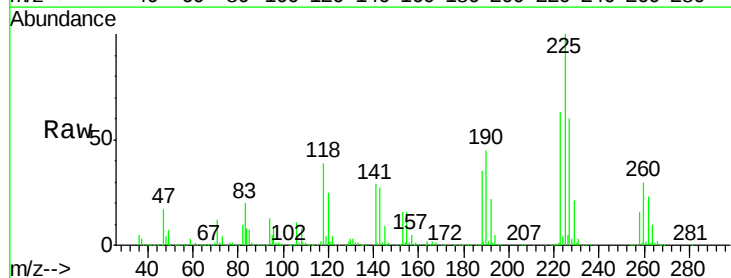
Manual Integrations
 APPROVED

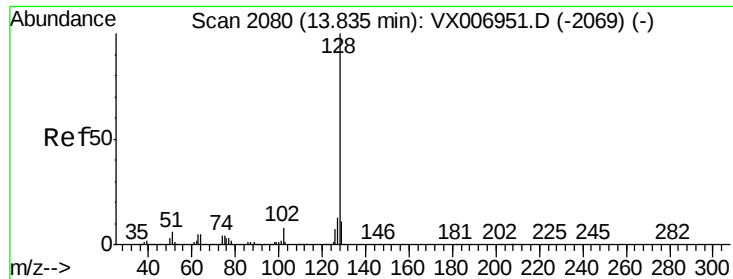
MMDadoda
 1/23/2019 11:29:46 AM



#94
 Hexachlorobutadiene
 Concen: 50.945 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	182070		
223	63.1	32.1	96.3	
227	62.2	32.3	96.8	





#95

Naphthalene

Concen: 50.376 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

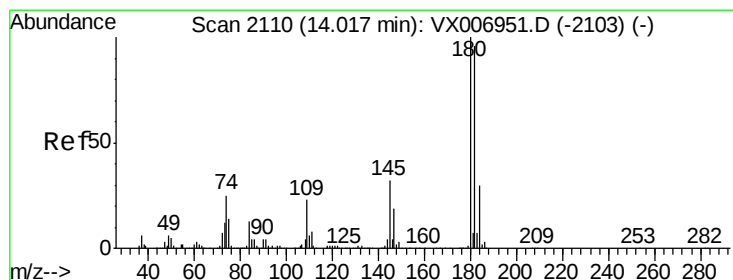
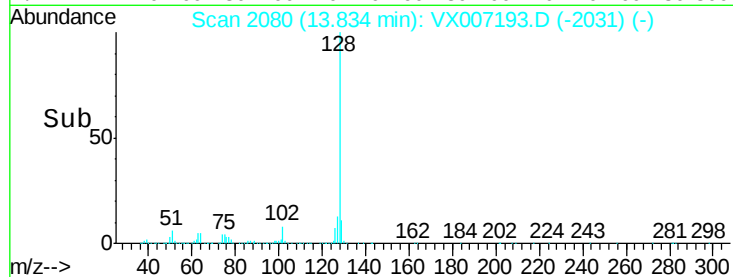
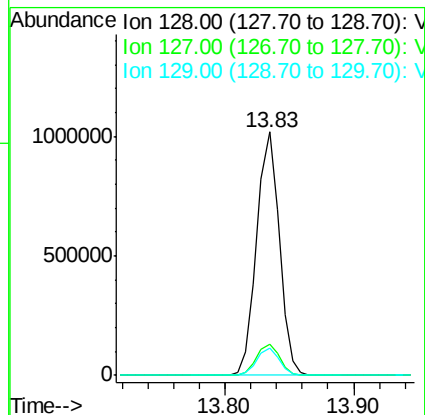
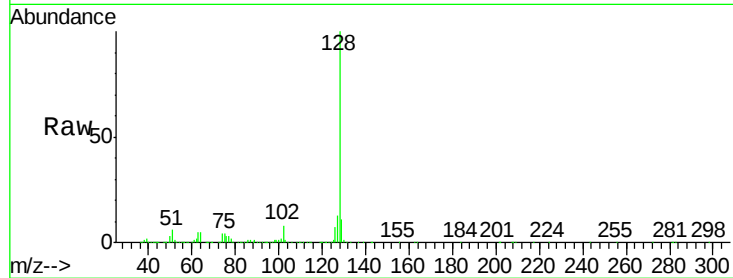
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	1229371
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/23/2019 11:29:46 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.365 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion:	180	Resp:	394935
Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.5	145.5
145	30.5	16.0	47.9

