

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007480.D
 Acq On : 11 Feb 2019 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:16:03 PM

Quant Time: Feb 12 02:23:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	495348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	744973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	675296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	346617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	258200	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.50	113	241073	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	8.71	98	865824	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	313581	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	259476	42.654	ug/l	99
3) Chloromethane	1.33	50	221560	39.711	ug/l	99
4) Vinyl Chloride	1.41	62	252904	46.205	ug/l	99
5) Bromomethane	1.64	94	122118	22.292	ug/l	94
6) Chloroethane	1.72	64	203605	57.502	ug/l	97
7) Trichlorofluoromethane	1.93	101	393112	45.911	ug/l	99
8) Diethyl Ether	2.19	74	151218	46.921	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	218292	42.859	ug/l	99
10) Methyl Iodide	2.51	142	114167	15.238	ug/l	98
11) Tert butyl alcohol	3.07	59	292886	269.175	ug/l	99
12) 1,1-Dichloroethene	2.37	96	215160	45.493	ug/l	96
13) Acrolein	2.30	56	94988	186.166	ug/l	99
14) Allyl chloride	2.73	41	374890	48.647	ug/l	98
15) Acrylonitrile	3.15	53	666822	247.732	ug/l	100
16) Acetone	2.45	43	579742	240.715	ug/l	100
17) Carbon Disulfide	2.57	76	560880	45.548	ug/l	99
18) Methyl Acetate	2.78	43	354292	56.383	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	734966	47.967	ug/l	99
20) Methylene Chloride	2.86	84	235253	47.804	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	225338	44.726	ug/l	98
22) Diisopropyl ether	3.87	45	687982	48.534	ug/l	95
23) Vinyl Acetate	3.82	43	2907043	247.137	ug/l	99
24) 1,1-Dichloroethane	3.70	63	386133	47.434	ug/l	100
25) 2-Butanone	4.70	43	882120	257.367	ug/l	100
26) 2,2-Dichloropropane	4.59	77	270955	43.707	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	256130	46.544	ug/l	98
28) Bromochloromethane	5.02	49	174409	46.590	ug/l	99
29) Tetrahydrofuran	5.15	42	567231	263.137	ug/l	99
30) Chloroform	5.21	83	404929	47.670	ug/l	98
31) Cyclohexane	5.58	56	321396	43.959	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	354866	49.492	ug/l	99
36) 1,1-Dichloropropene	5.80	75	287725	43.046	ug/l	99
37) Ethyl Acetate	4.85	43	328433	48.607	ug/l	99
38) Carbon Tetrachloride	5.78	117	312257	48.153	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	339839	42.022	ug/l	99
40) Benzene	6.14	78	891203	45.263	ug/l	99
41) Methacrylonitrile	5.06	41	181628	50.155	ug/l	99
42) 1,2-Dichloroethane	6.20	62	304240	44.659	ug/l	98
43) Isopropyl Acetate	6.46	43	521575	50.010	ug/l	99
44) Trichloroethene	7.21	130	258519	43.595	ug/l	100
45) 1,2-Dichloropropane	7.52	63	228458	46.309	ug/l	98
46) Dibromomethane	7.66	93	159338	44.439	ug/l	98
47) Bromodichloromethane	7.90	83	298561	49.132	ug/l	98
48) Methyl methacrylate	7.77	41	268579	51.484	ug/l	99
49) 1,4-Dioxane	7.75	88	127253	1072.117	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1719585	250.461	ug/l	100
52) Toluene	8.79	92	576400	45.373	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	326214	49.977	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	353958	49.311	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	248474	46.923	ug/l	98
56) Ethyl methacrylate	9.18	69	362138	49.377	ug/l	99
57) 1,3-Dichloropropane	9.37	76	392106	46.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	945047	244.470	ug/l	99
59) 2-Hexanone	9.49	43	1303266	243.936	ug/l	99
60) Dibromochloromethane	9.58	129	264566	52.827	ug/l	98
61) 1,2-Dibromoethane	9.67	107	267184	47.645	ug/l	100
64) Tetrachloroethene	9.34	164	243788	38.302	ug/l	96
65) Chlorobenzene	10.14	112	669826	45.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	245846	49.760	ug/l	98
67) Ethyl Benzene	10.25	91	1098659	46.296	ug/l	98
68) m/p-Xylenes	10.36	106	868415	92.058	ug/l	100
69) o-Xylene	10.70	106	427254	47.069	ug/l	99
70) Styrene	10.71	104	699557	47.520	ug/l	99
71) Bromoform	10.86	173	202535	47.002	ug/l	99
73) Isopropylbenzene	11.02	105	1127178	47.854	ug/l	98
74) N-amyl acetate	10.90	43	466481	51.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	364633	50.795	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	341014m	50.580	ug/l	
77) Bromobenzene	11.26	156	308182	46.437	ug/l	98
78) n-propylbenzene	11.36	91	1256855	48.661	ug/l	99
79) 2-Chlorotoluene	11.42	91	737978	47.088	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	916518	47.561	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99516	45.993	ug/l	94
82) 4-Chlorotoluene	11.51	91	849570	46.848	ug/l	100
83) tert-Butylbenzene	11.77	119	960817	50.360	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	949217	48.519	ug/l	100
85) sec-Butylbenzene	11.94	105	1126644	48.791	ug/l	100
86) p-Isopropyltoluene	12.06	119	992936	47.635	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	537641	45.140	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	538473	44.562	ug/l	99
89) n-Butylbenzene	12.38	91	840624	46.880	ug/l	100
90) Hexachloroethane	12.60	117	166697	53.434	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	538555	45.435	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79830	53.483	ug/l	100

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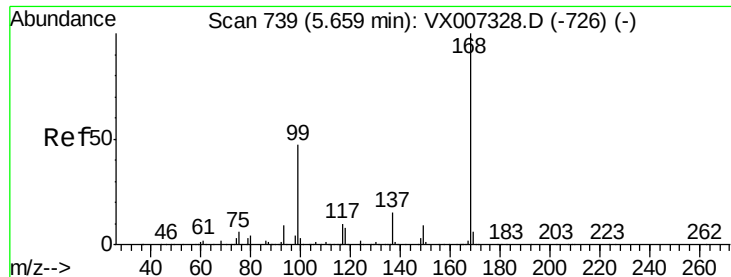
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	368473	46.096	ug/l	99
94) Hexachlorobutadiene	13.78	225	174563	44.973	ug/l	99
95) Naphthalene	13.83	128	1171557	50.118	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	375965	46.725	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 495348

Ion Ratio Lower Upper

168 100

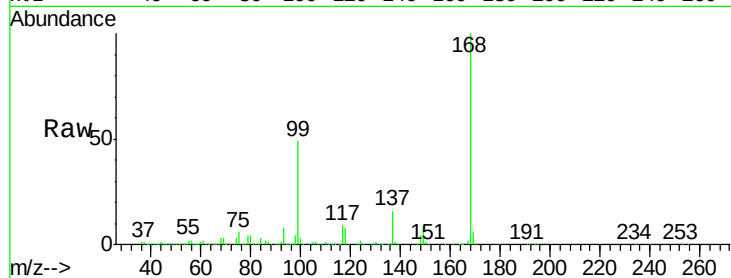
99 49.2 37.9 56.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

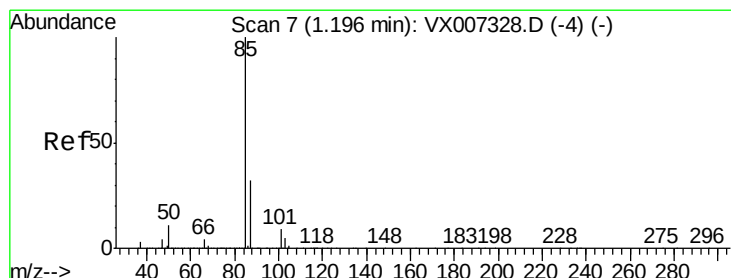
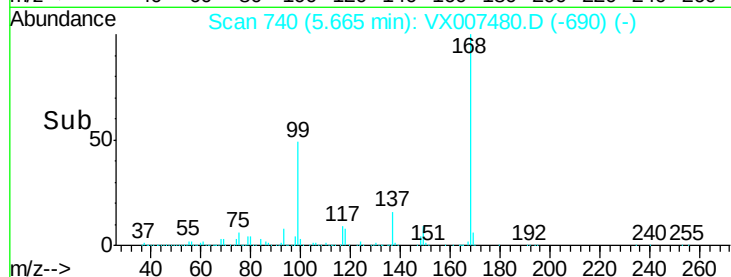
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 42.654 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007480.D

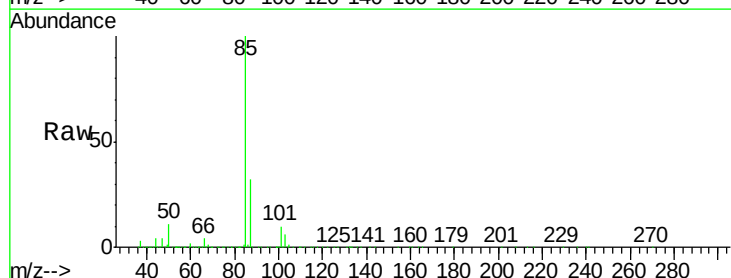
Acq: 11 Feb 2019 20:39

Tgt Ion: 85 Resp: 259476

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

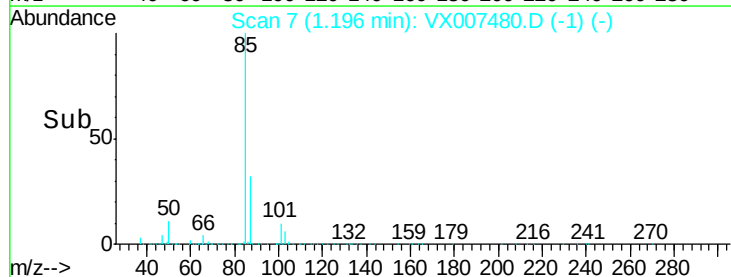
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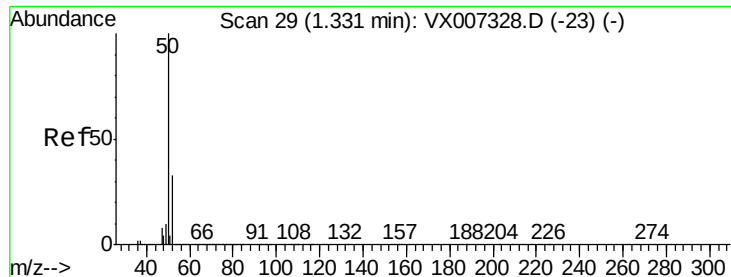
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 39.711 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 221560

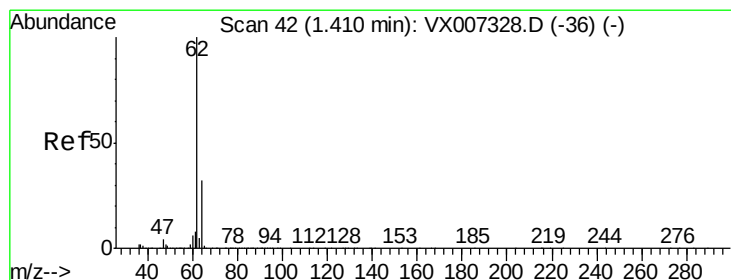
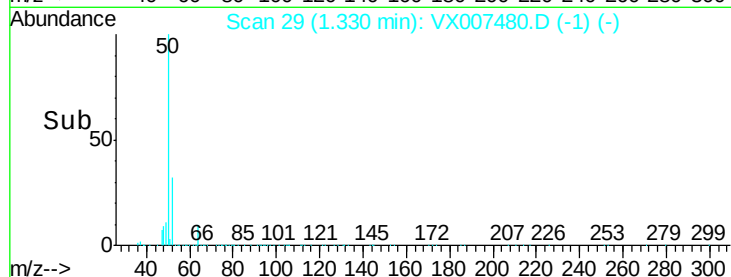
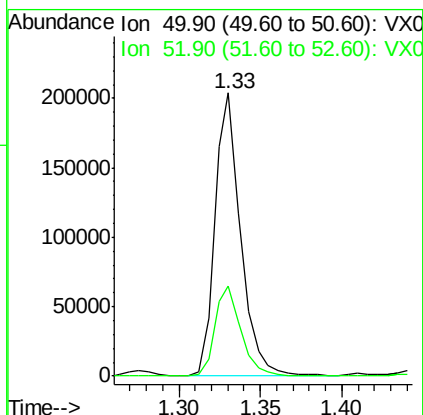
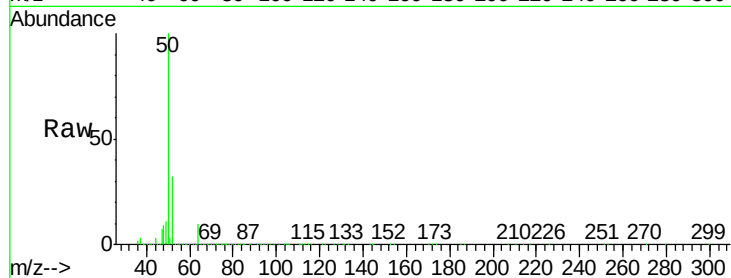
Ion Ratio Lower Upper

50 100

52 31.8 26.1 39.1

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#4

Vinyl Chloride

Concen: 46.205 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007480.D

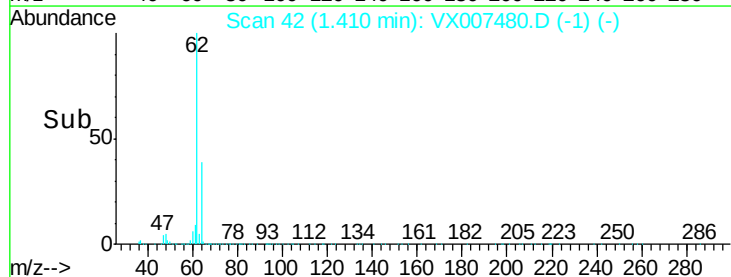
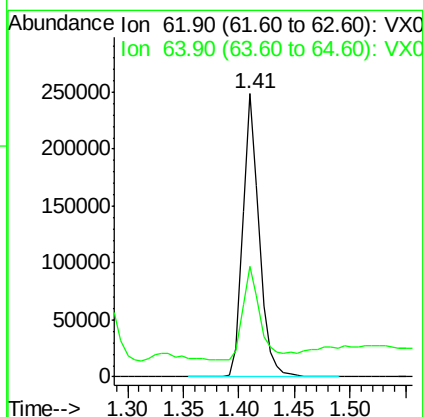
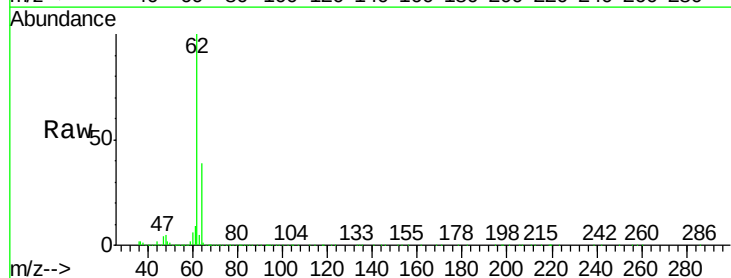
Acq: 11 Feb 2019 20:39

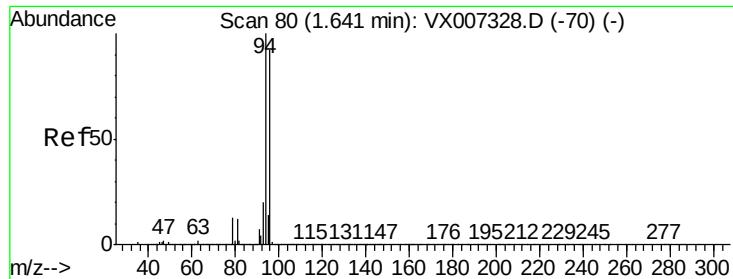
Tgt Ion: 62 Resp: 252904

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 22.292 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 122118

Ion Ratio Lower Upper

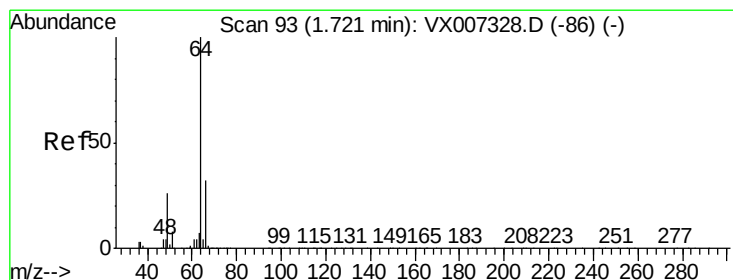
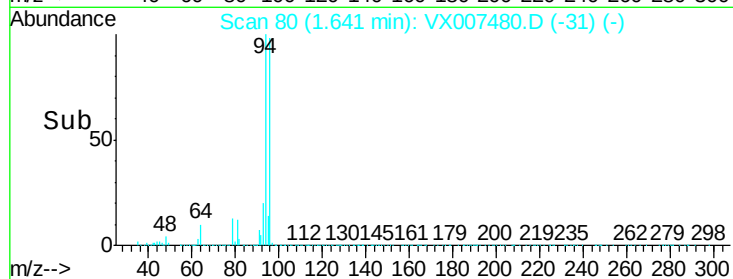
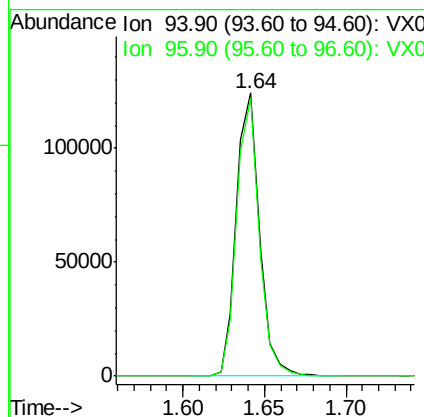
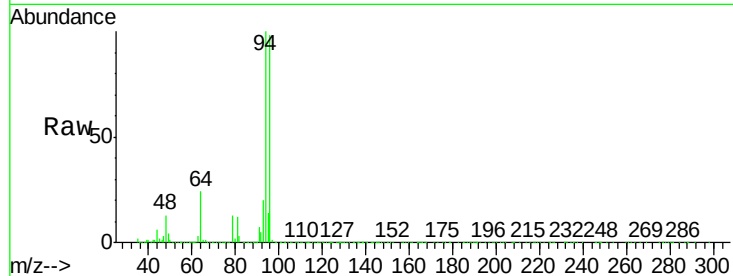
94 100

96 98.1 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 57.502 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007480.D

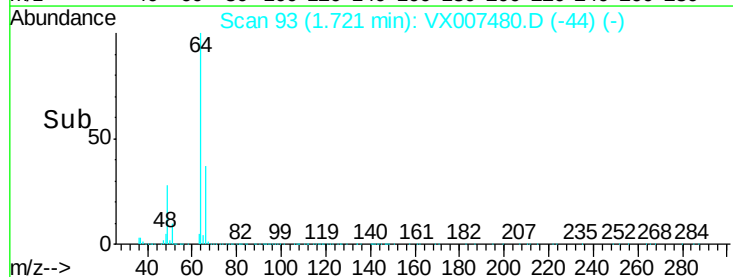
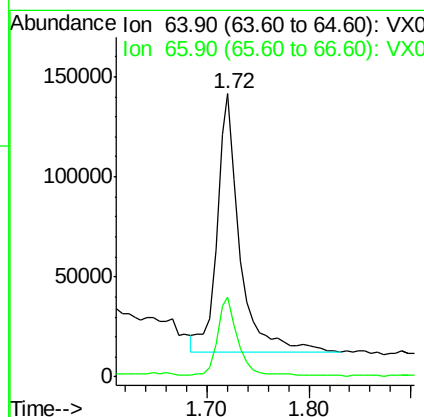
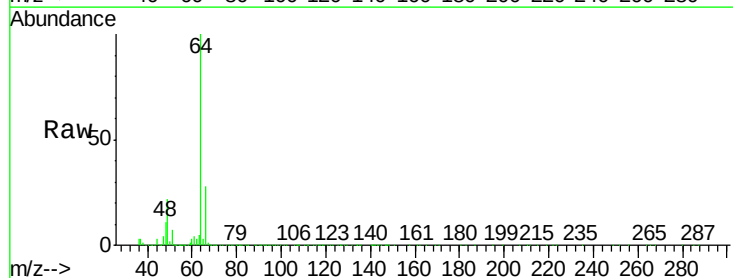
Acq: 11 Feb 2019 20:39

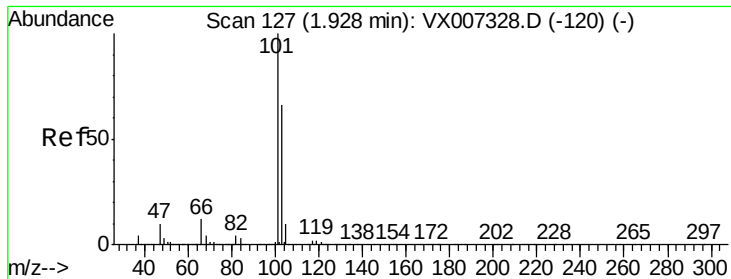
Tgt Ion: 64 Resp: 203605

Ion Ratio Lower Upper

64 100

66 30.2 25.5 38.3





#7

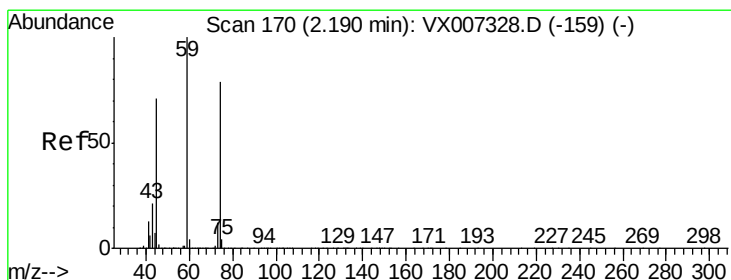
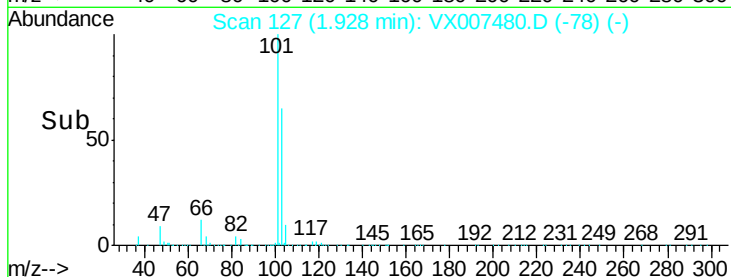
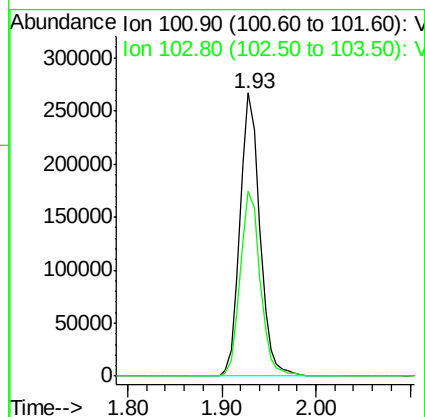
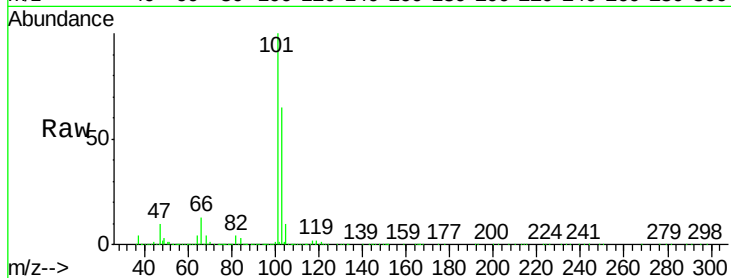
Trichlorofluoromethane
Concen: 45.911 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.6	79.0

Manual Integrations
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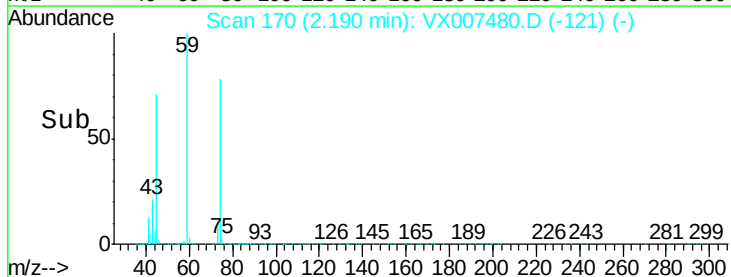
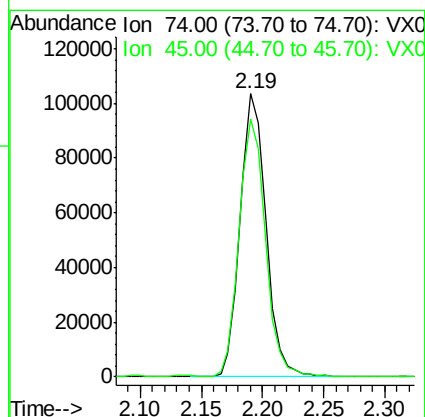
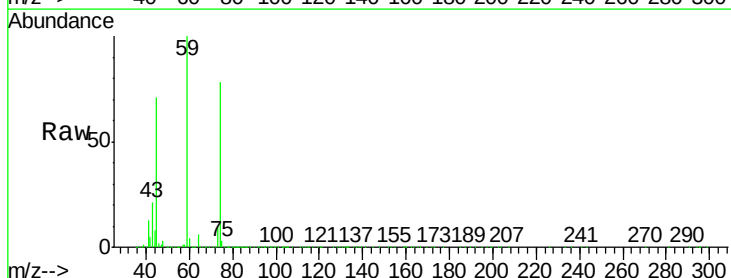
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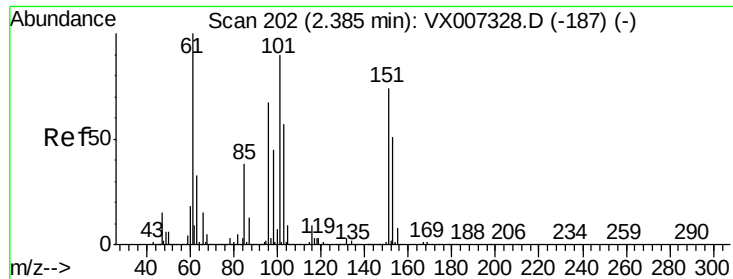


#8

Diethyl Ether
Concen: 46.921 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.859 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

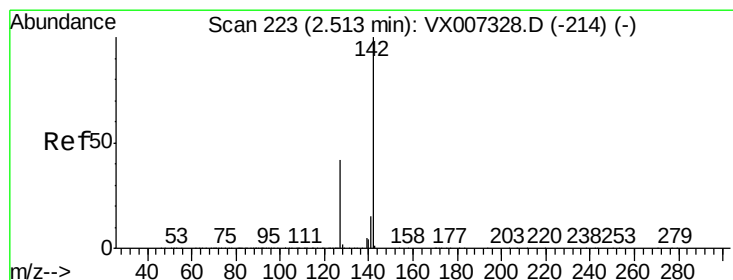
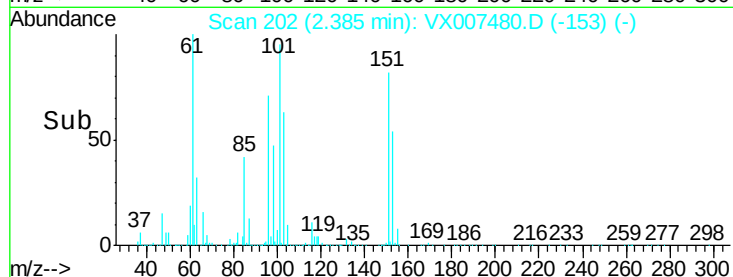
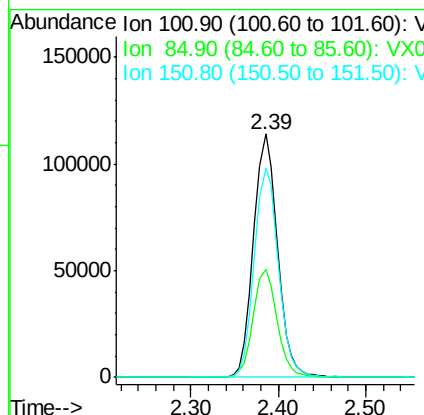
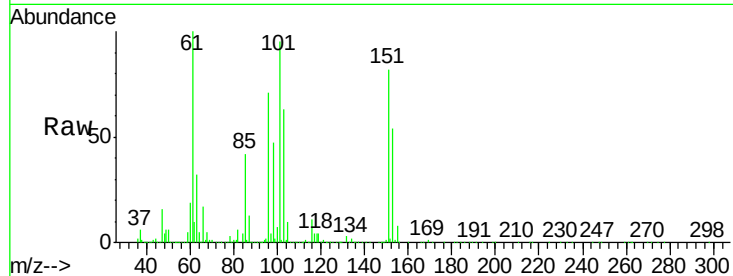
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	218292
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.1	51.1
151	86.8	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 15.238 ug/l

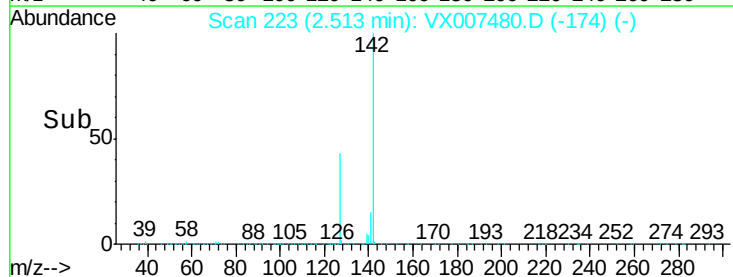
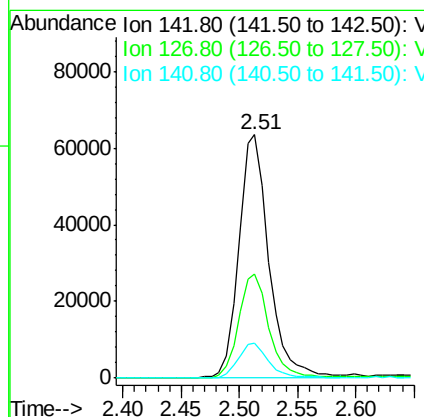
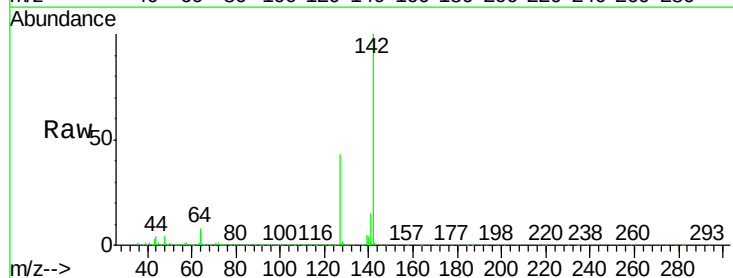
RT: 2.51 min Scan# 223

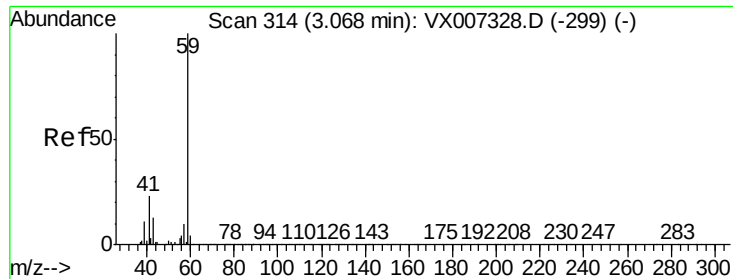
Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion:	142	Resp:	114167
Ion Ratio	Lower	Upper	
142	100		
127	43.4	33.7	50.5
141	14.4	11.3	16.9





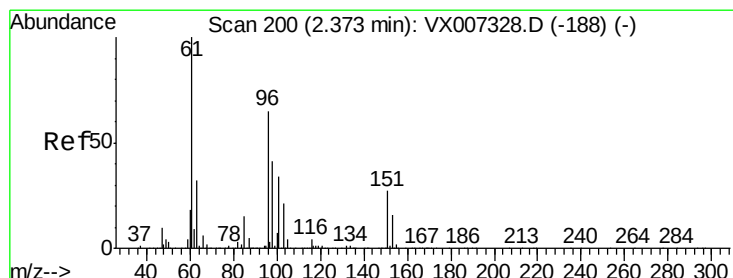
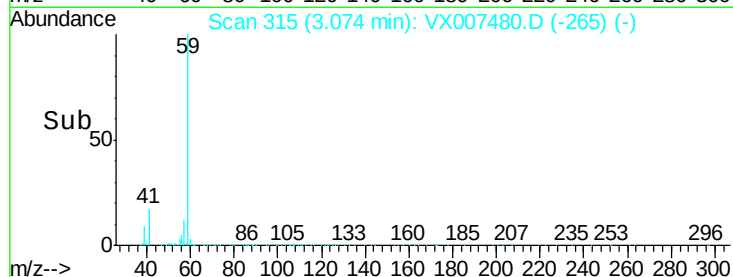
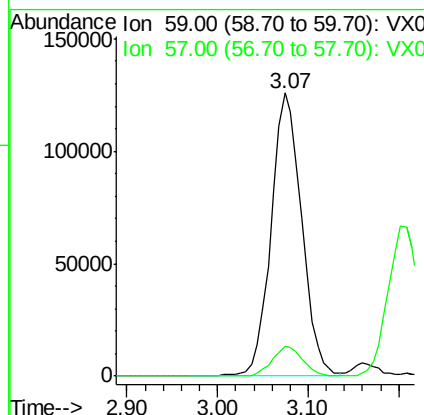
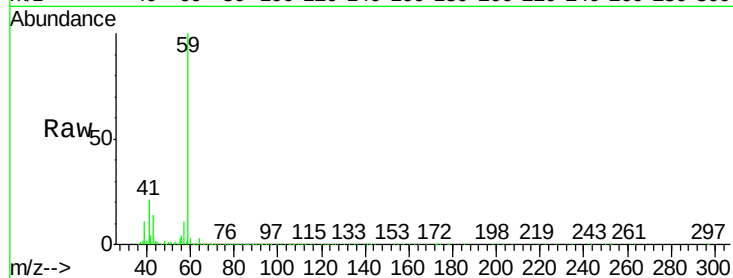
#11
Tert butyl alcohol
Concen: 269.175 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

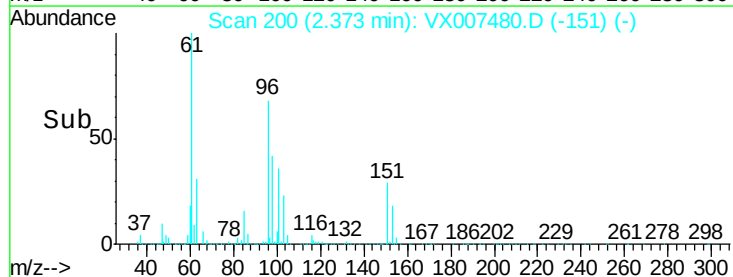
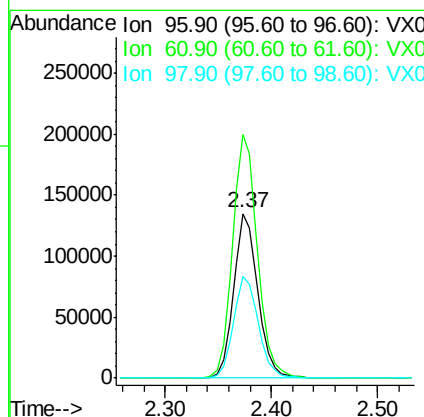
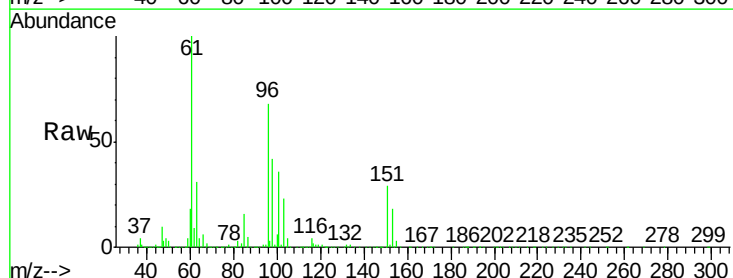
Manual Integrations
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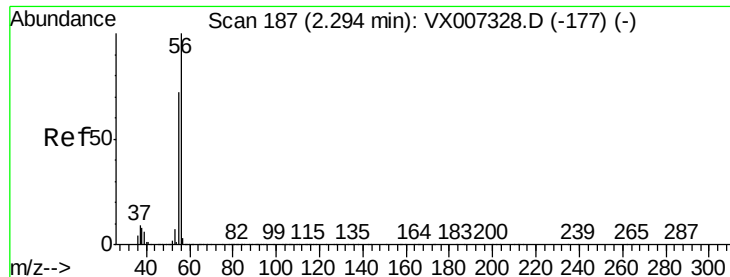
MMDadoda
2/12/2019 12:16:03 PM



#12
1,1-Dichloroethene
Concen: 45.493 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.0	123.0	184.4
98	61.8	50.9	76.3





#13

Acrolein

Concen: 186.166 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 94988

Ion Ratio Lower Upper

56 100

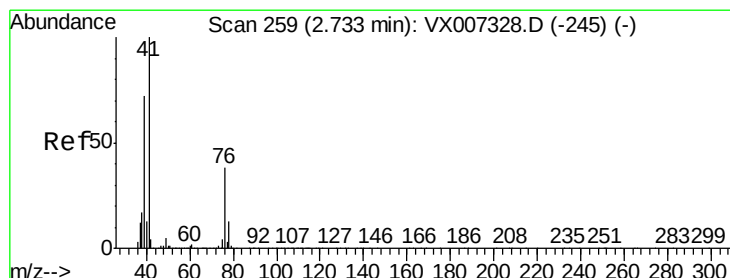
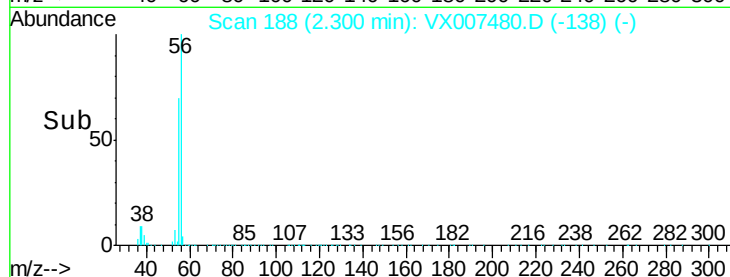
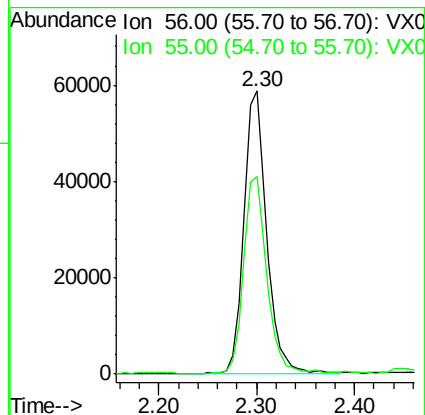
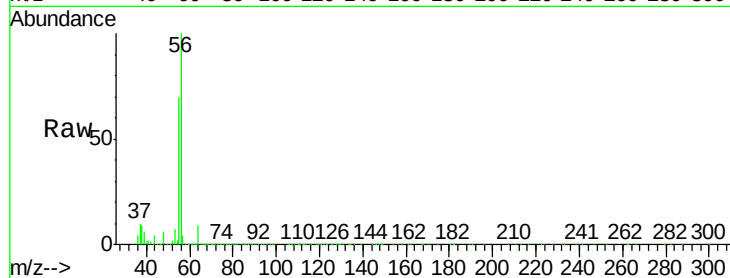
55 70.4 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 48.647 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

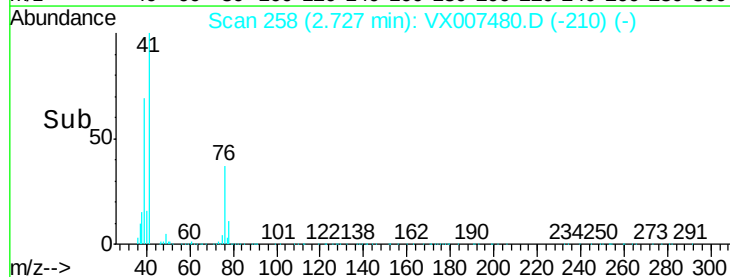
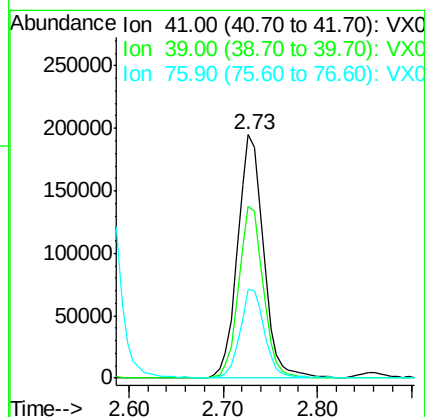
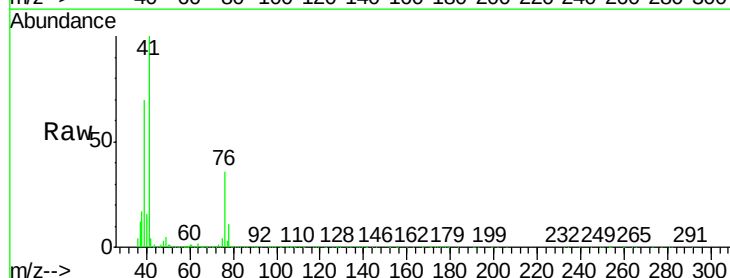
Tgt Ion: 41 Resp: 374890

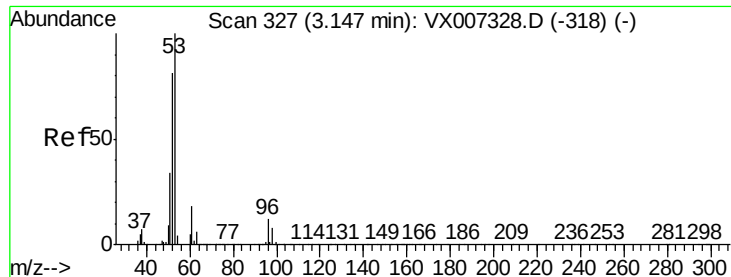
Ion Ratio Lower Upper

41 100

39 66.3 54.1 81.1

76 33.7 27.8 41.8





#15

Acrylonitrile

Concen: 247.732 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

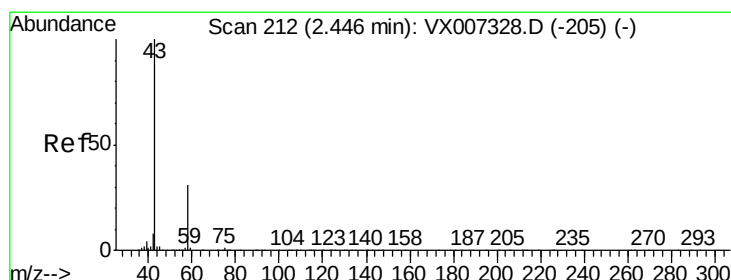
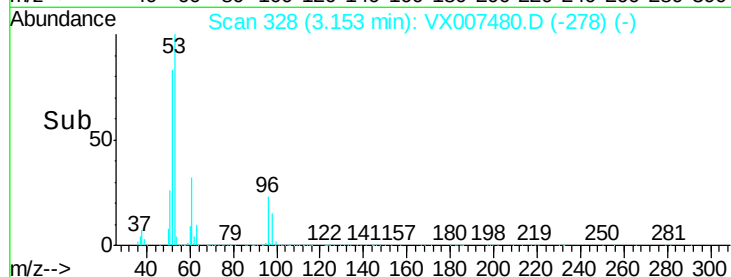
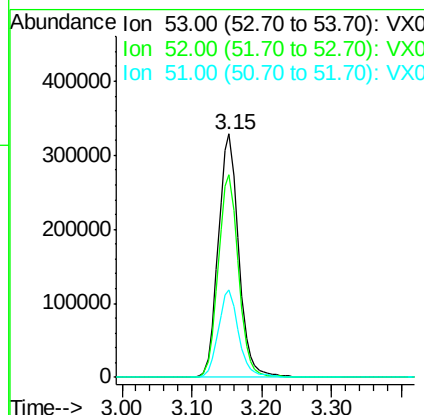
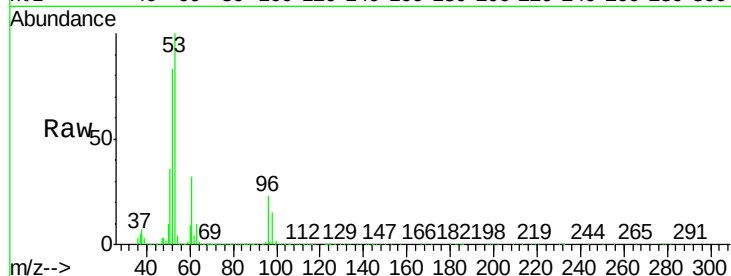
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	666822
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.4	99.6
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 240.715 ug/l

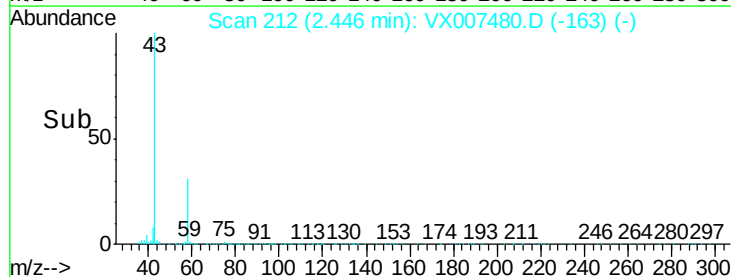
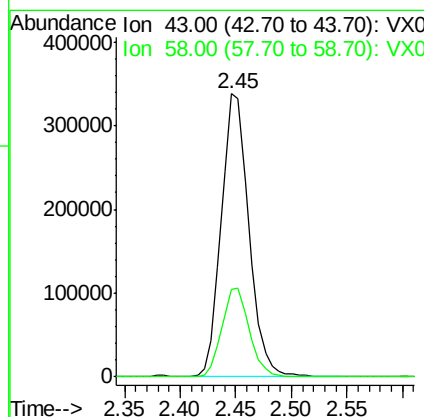
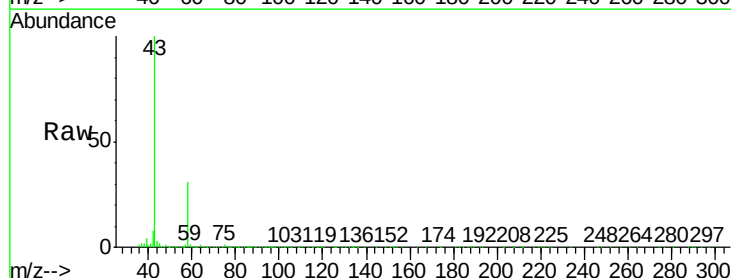
RT: 2.45 min Scan# 212

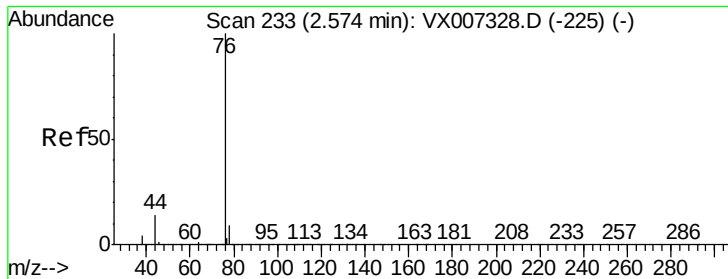
Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion:	43	Resp:	579742
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.9	37.3





#17

Carbon Disulfide

Concen: 45.548 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 560880

Ion Ratio Lower Upper

76 100

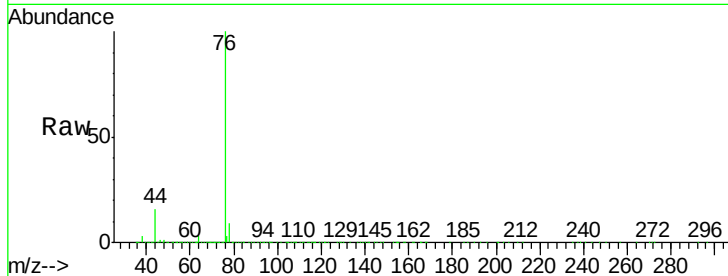
78 9.4 7.1 10.7

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

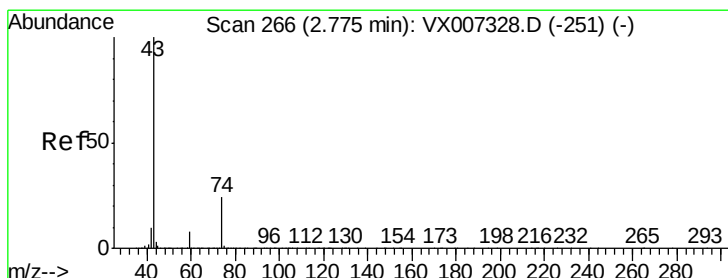
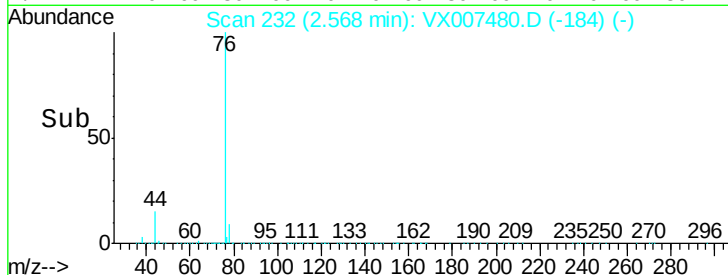
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 56.383 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007480.D

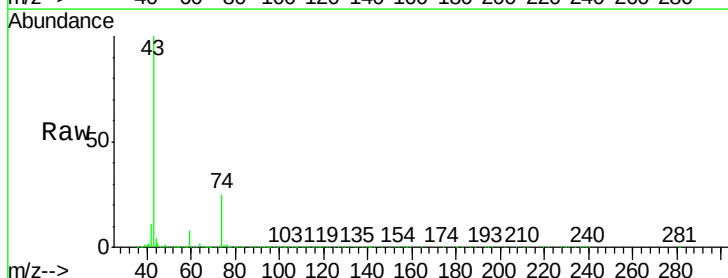
Acq: 11 Feb 2019 20:39

Tgt Ion: 43 Resp: 354292

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

200000

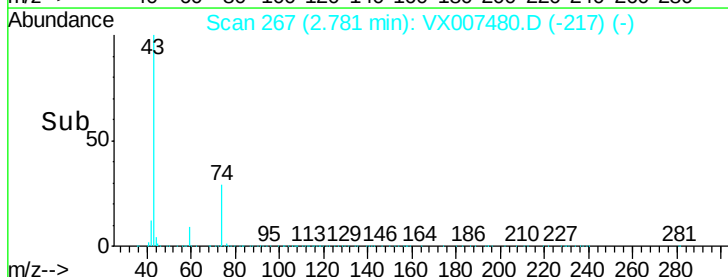
150000

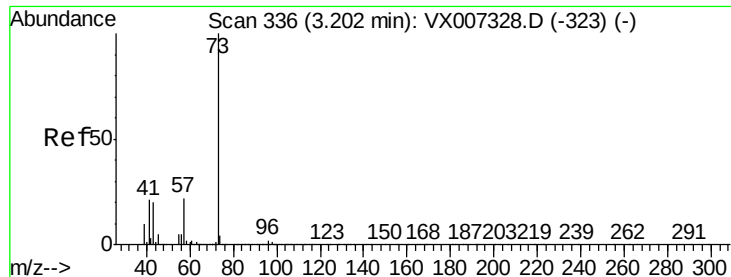
100000

50000

0

Time-->





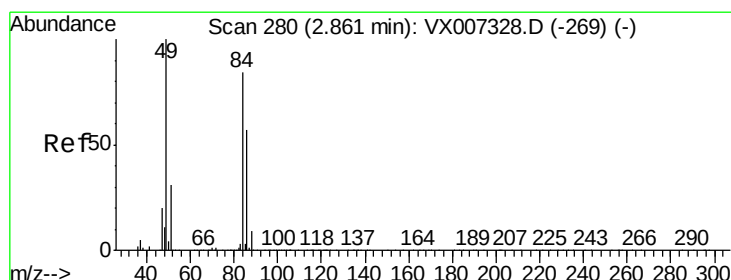
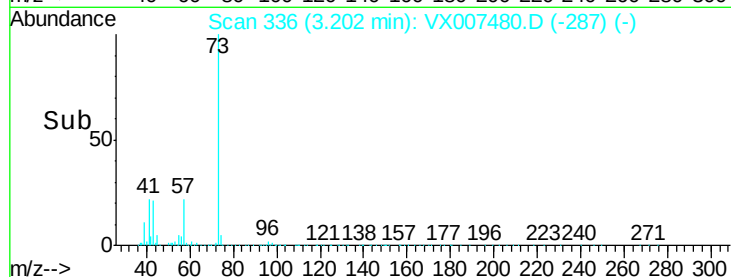
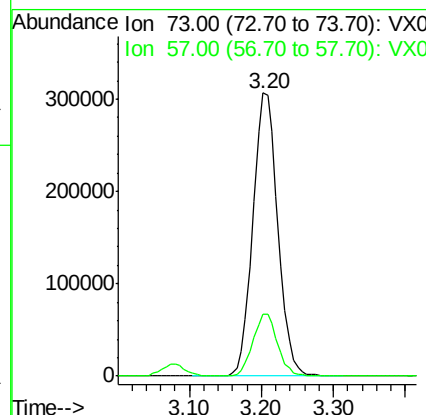
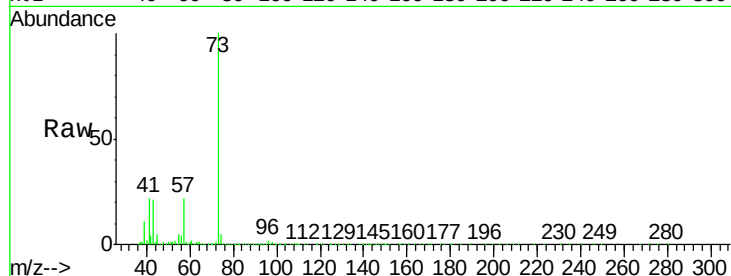
#19
Methyl tert-butyl Ether
Concen: 47.967 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.8

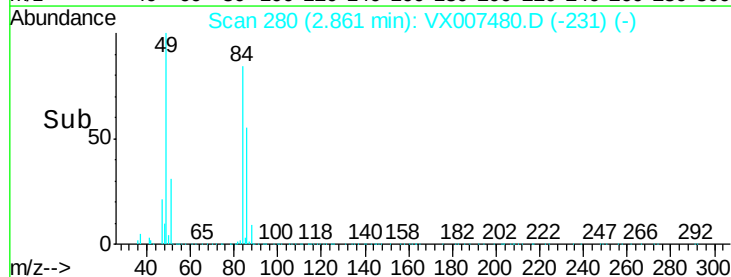
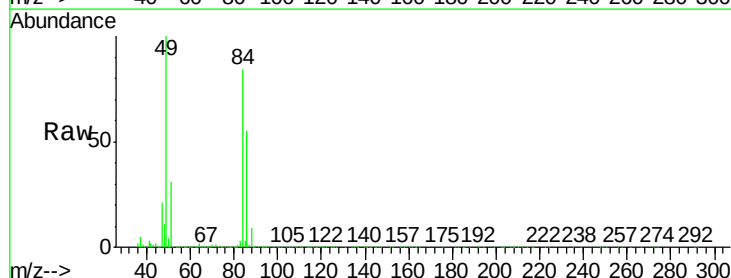
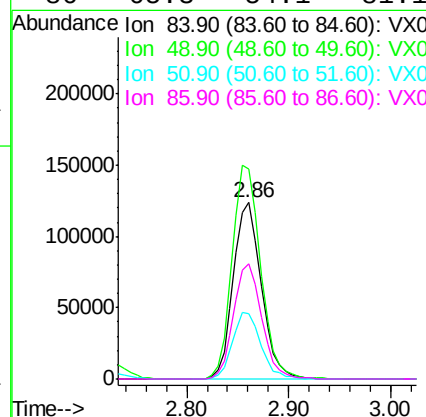
Manual Integrations
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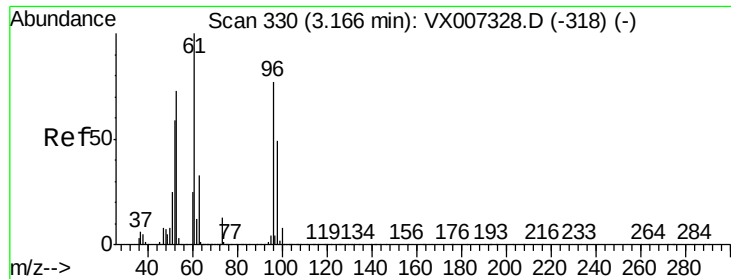
MMDadoda
2/12/2019 12:16:03 PM



#20
Methylene Chloride
Concen: 47.804 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.1	94.8	142.2
51	37.0	29.8	44.8
86	65.3	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 44.726 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

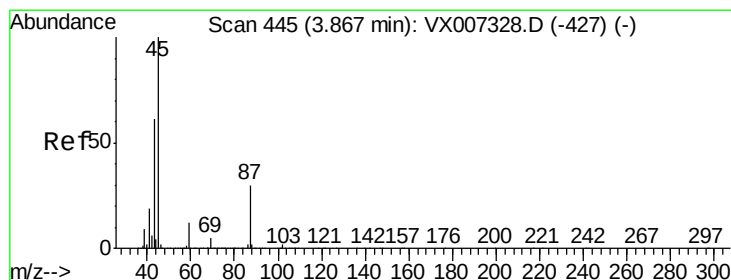
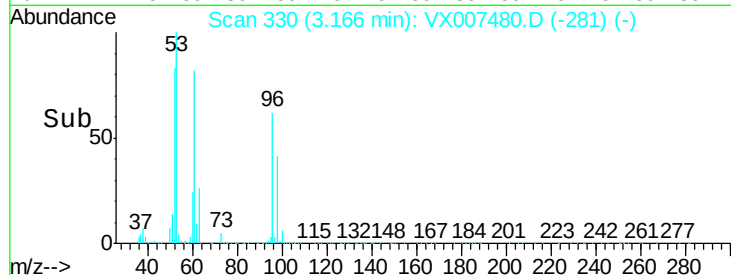
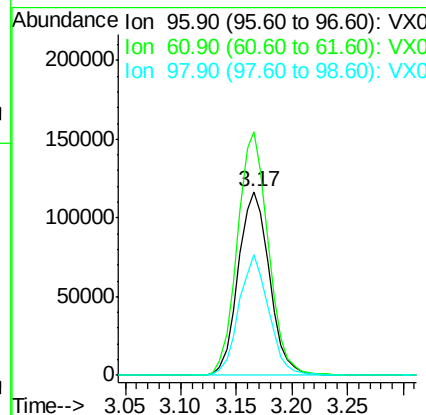
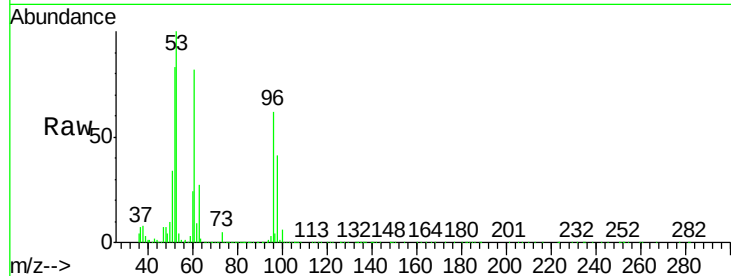
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	225338
Ion Ratio	Lower	Upper	
96	100		
61	132.5	104.6	156.8
98	66.0	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.534 ug/l

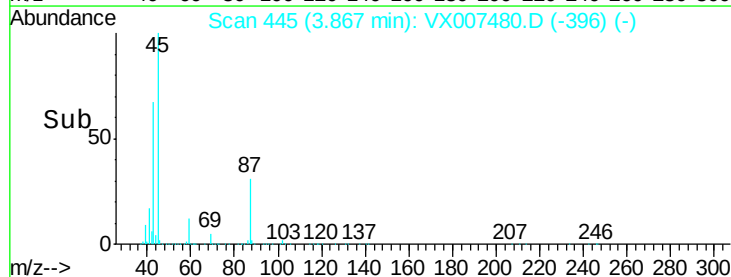
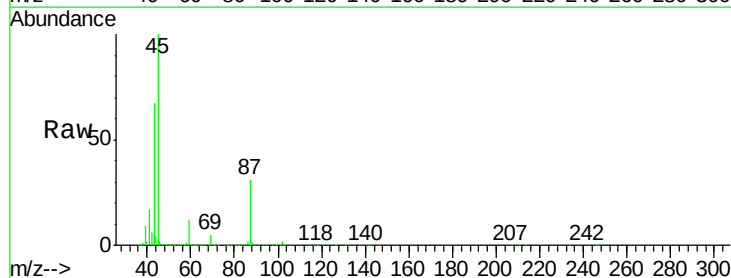
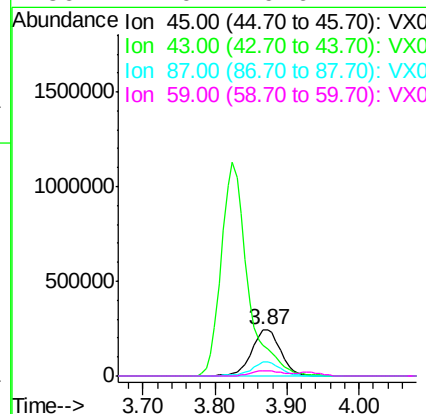
RT: 3.87 min Scan# 445

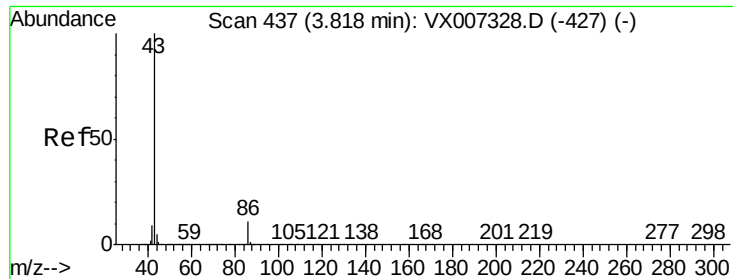
Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion:	45	Resp:	687982
Ion Ratio	Lower	Upper	
45	100		
43	66.5	48.9	73.3
87	30.7	23.9	35.9
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 247.137 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2907043

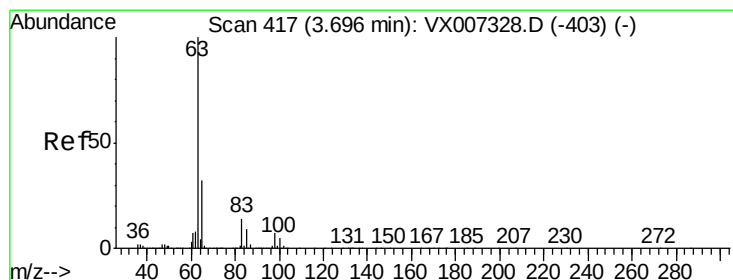
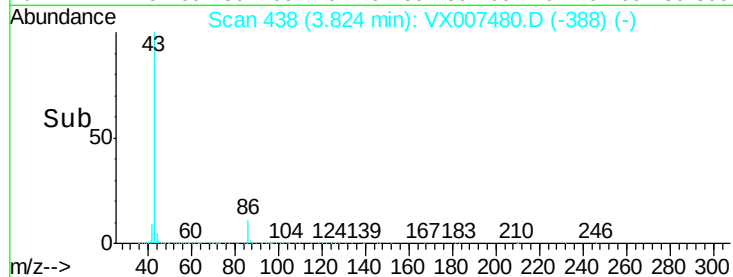
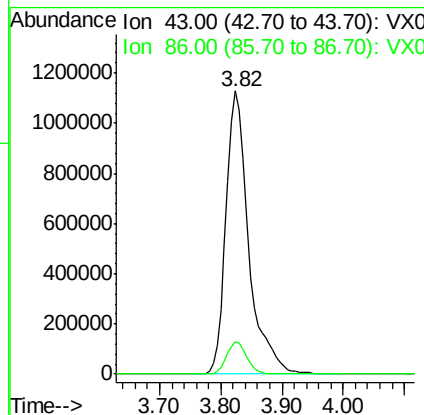
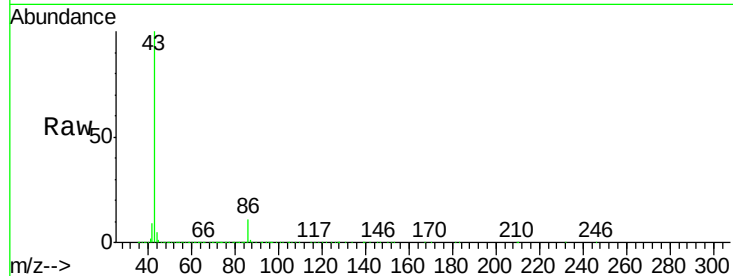
Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 47.434 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

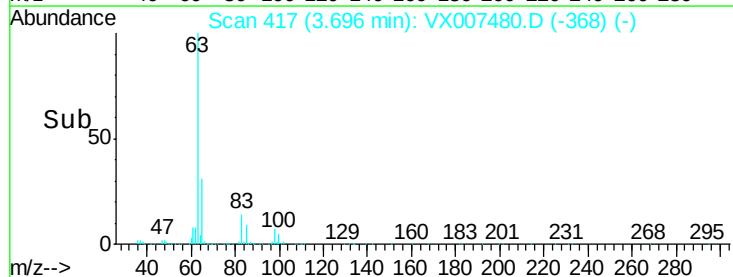
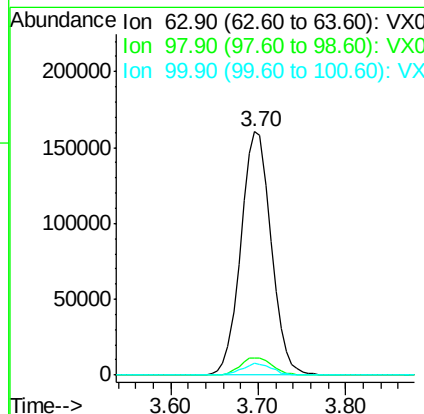
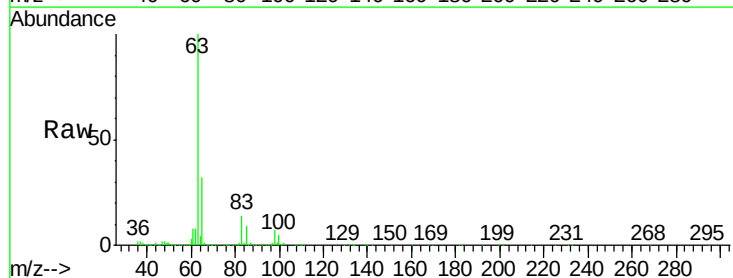
Tgt Ion: 63 Resp: 386133

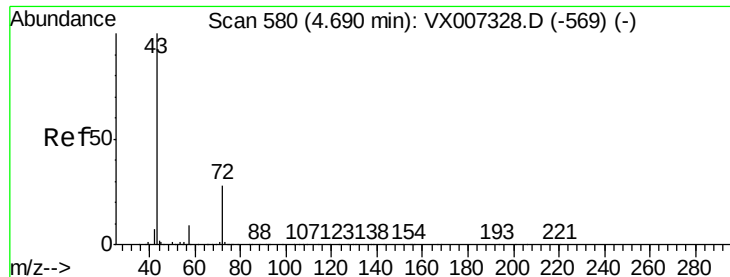
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 257.367 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 882120

Ion Ratio Lower Upper

43 100

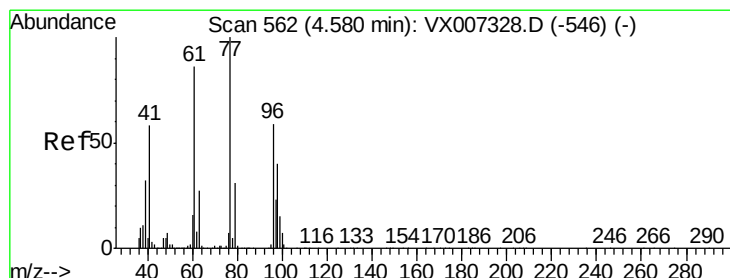
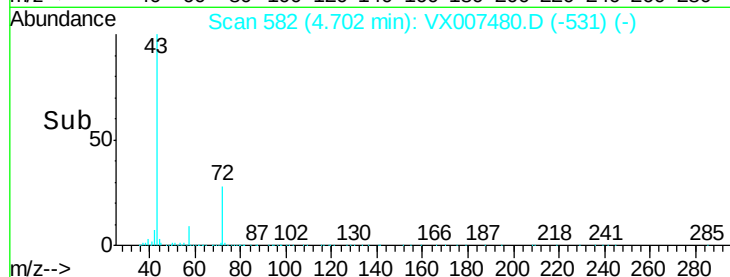
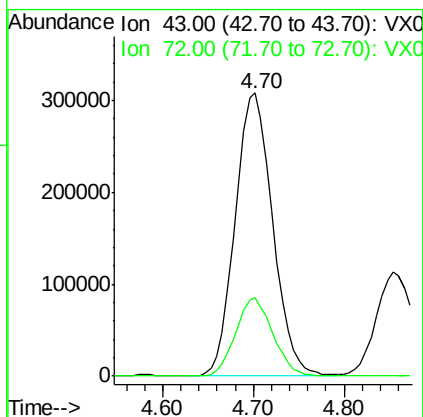
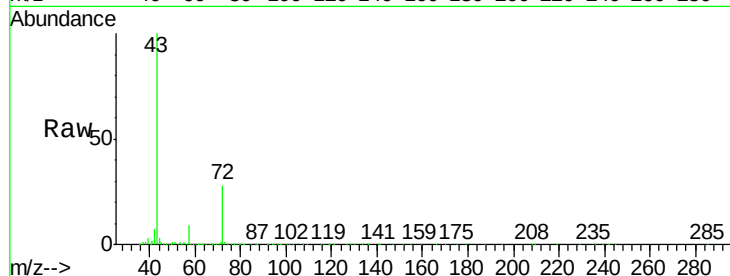
72 27.9 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.707 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007480.D

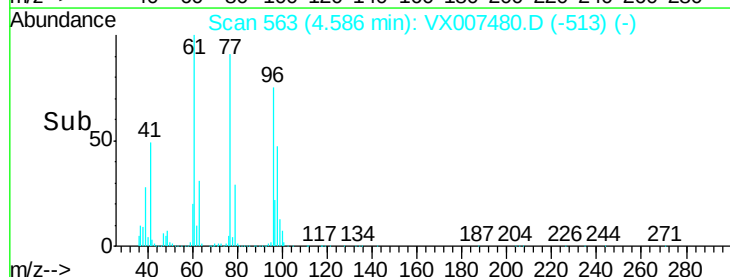
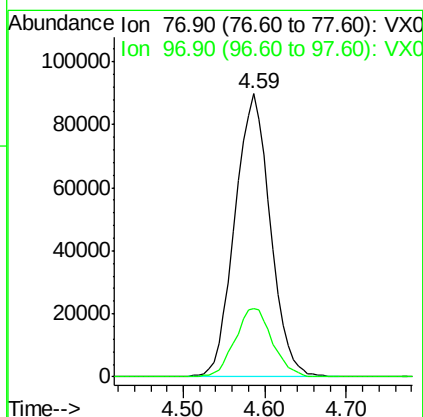
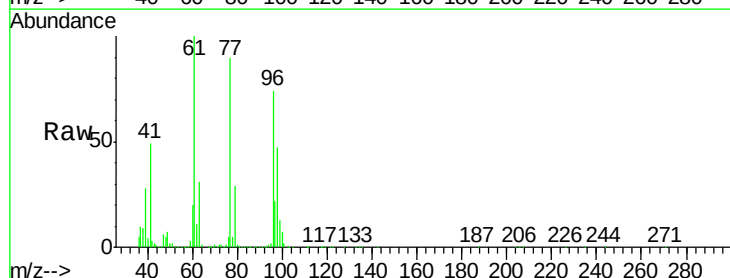
Acq: 11 Feb 2019 20:39

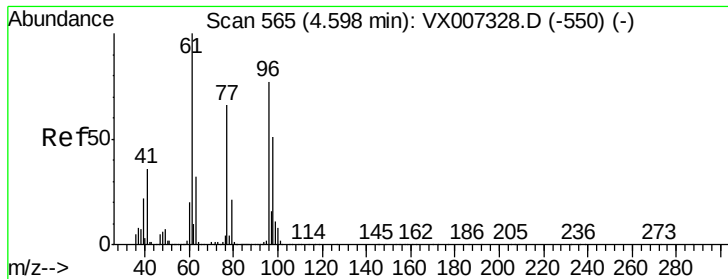
Tgt Ion: 77 Resp: 270955

Ion Ratio Lower Upper

77 100

97 25.5 12.1 36.3





#27

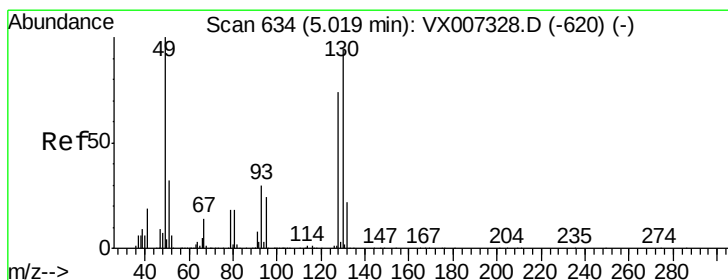
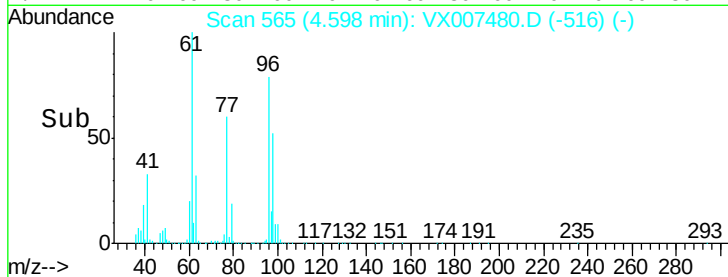
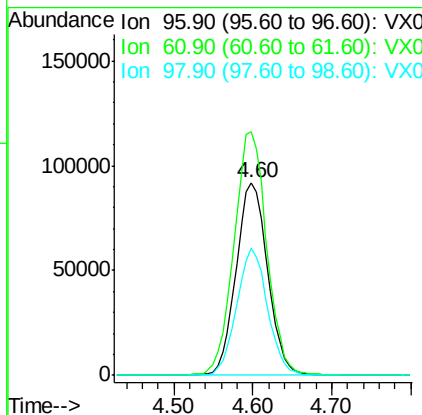
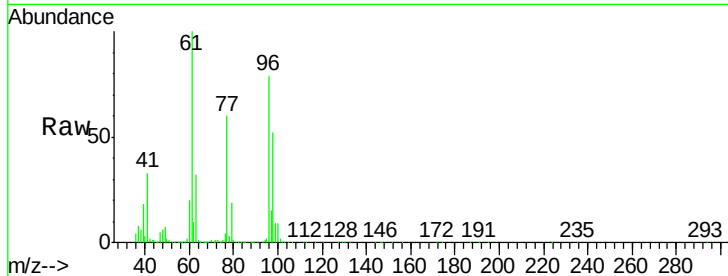
cis-1,2-Dichloroethene
Concen: 46.544 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	256130		
61	130.8	0.0	265.6	
98	64.8	0.0	131.6	

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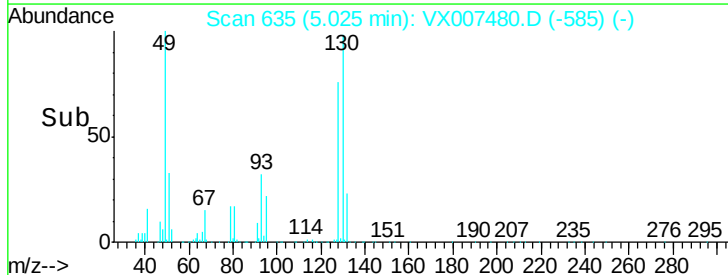
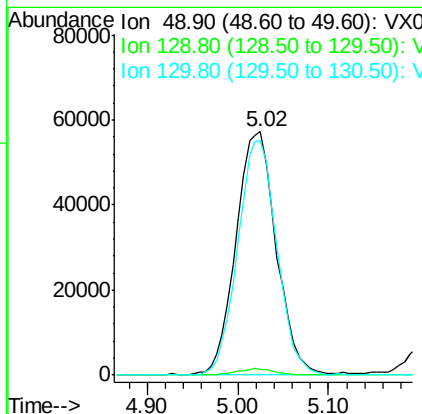
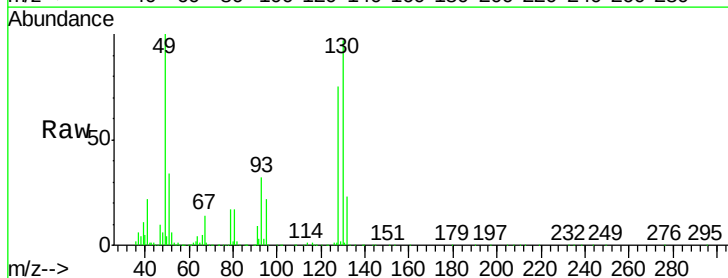
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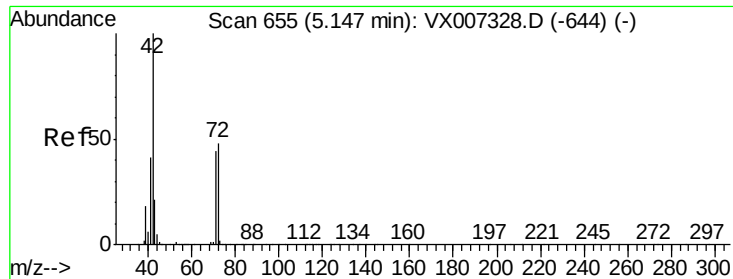


#28

Bromochloromethane
Concen: 46.590 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	174409		
129	2.6	0.0	5.6	
130	95.2	75.6	113.4	





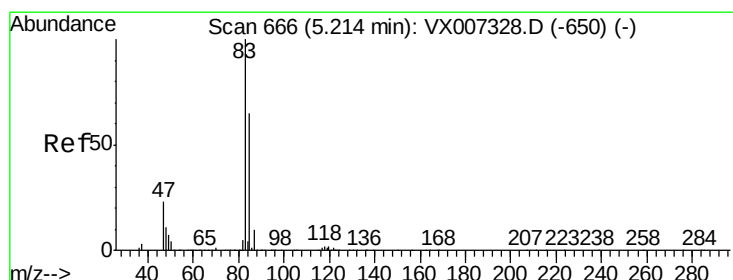
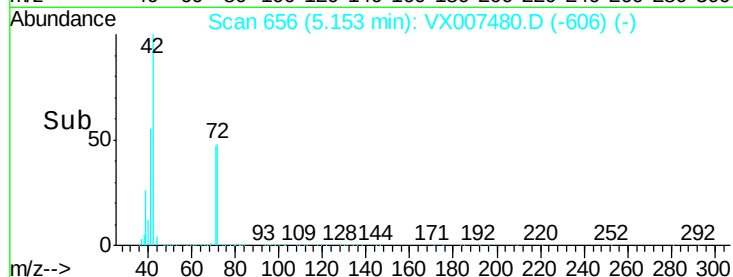
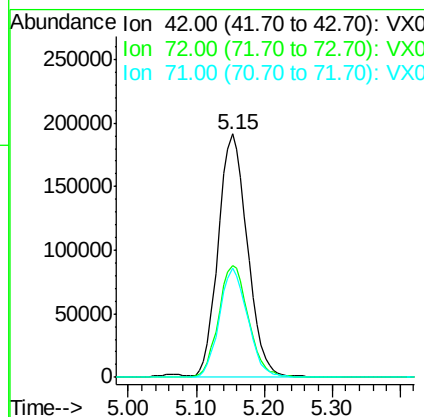
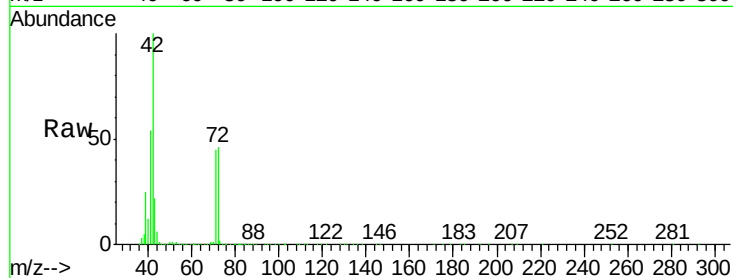
#29
Tetrahydrofuran
Concen: 263.137 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.6	56.4
71	43.6	34.6	51.8

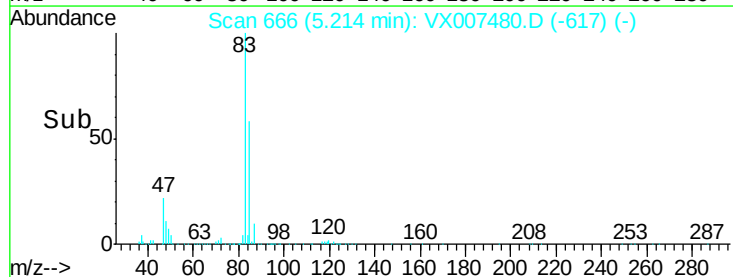
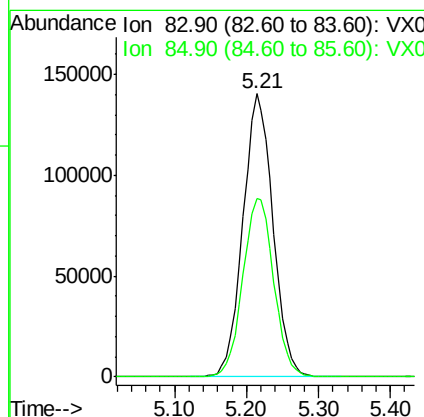
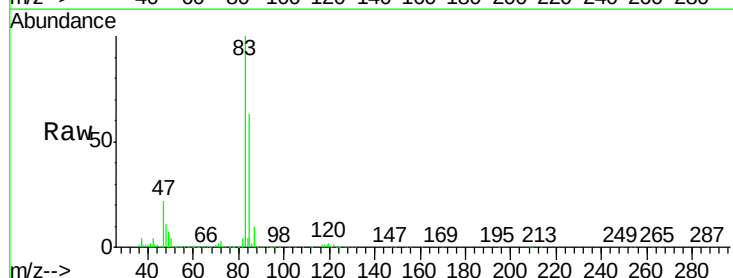
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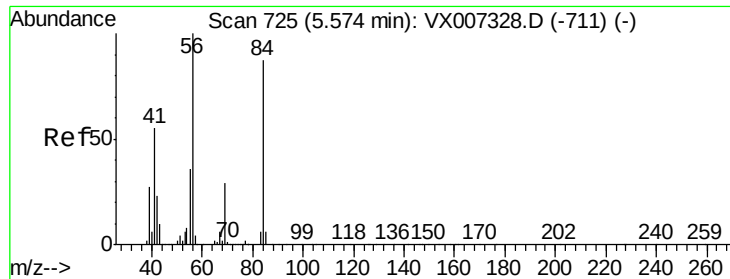
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#30
Chloroform
Concen: 47.670 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.6	77.4





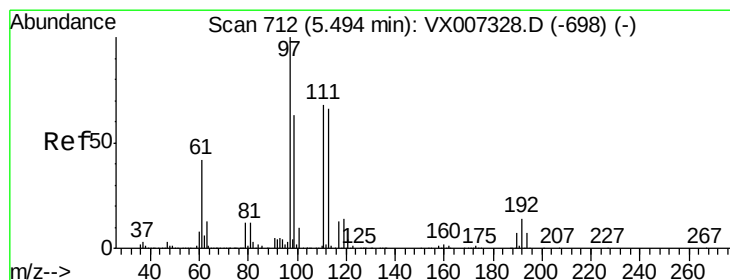
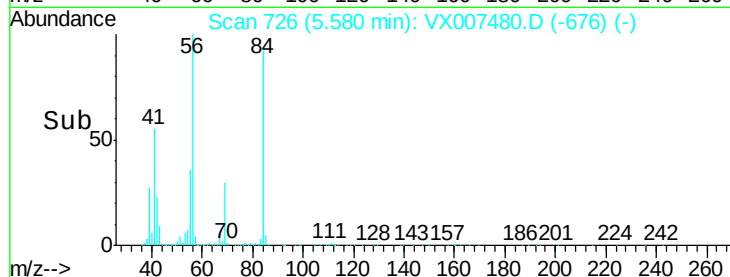
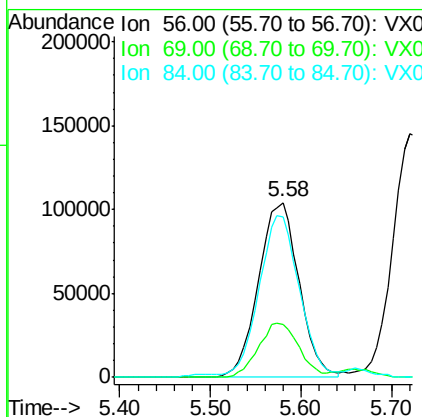
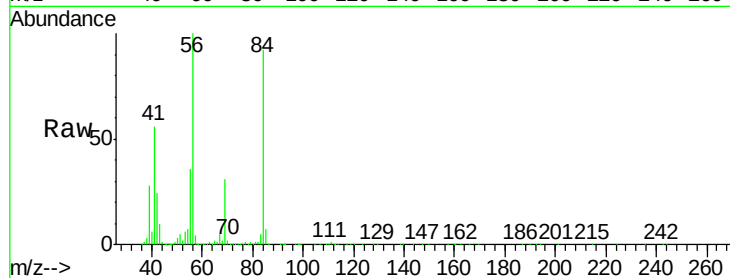
#31
Cyclohexane
Concen: 43.959 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.0	34.6
84	90.9	69.8	104.6

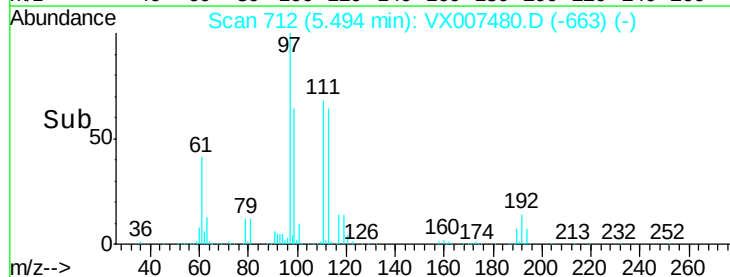
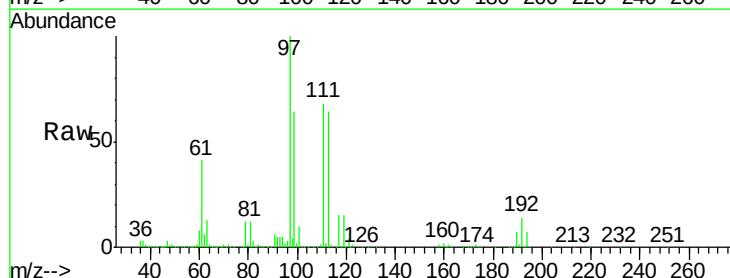
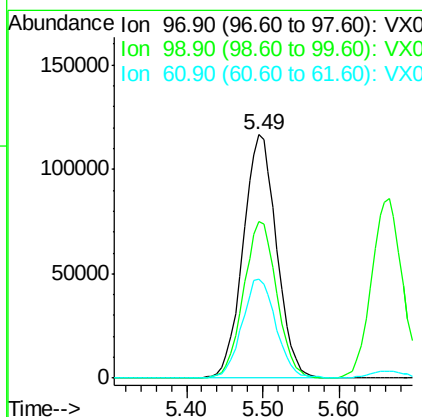
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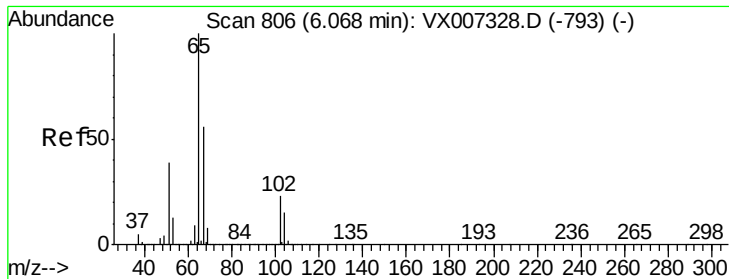
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#32
1,1,1-Trichloroethane
Concen: 49.492 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.2	78.2
61	40.9	32.7	49.1





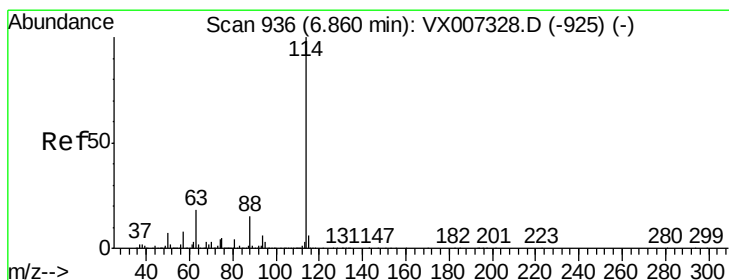
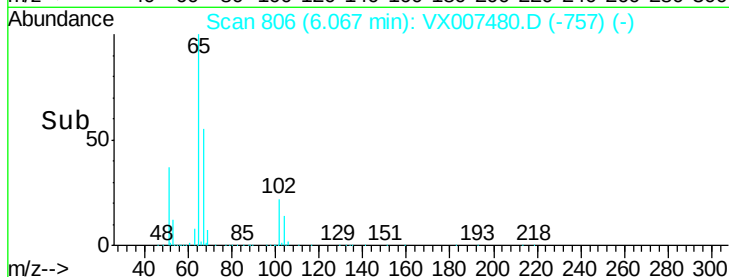
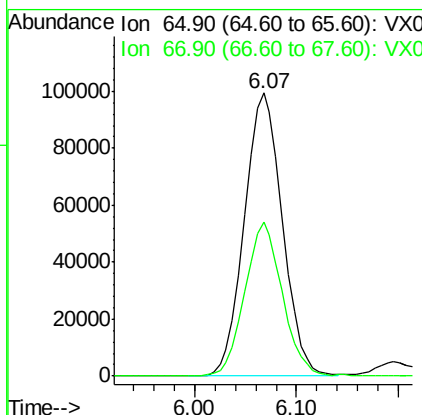
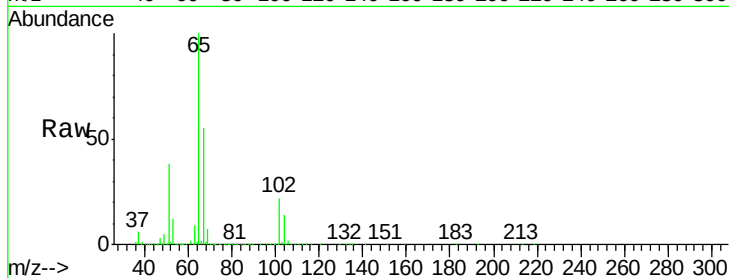
#33
 1,2-Dichloroethane-d4
 Concen: 49.109 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.8

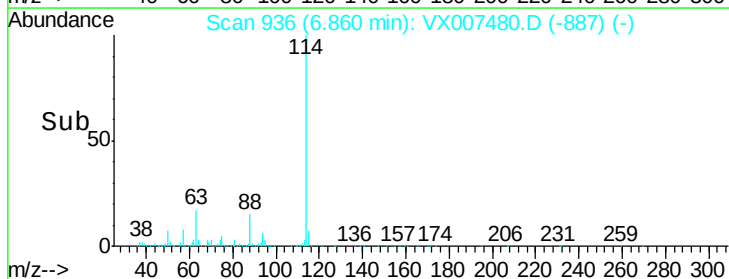
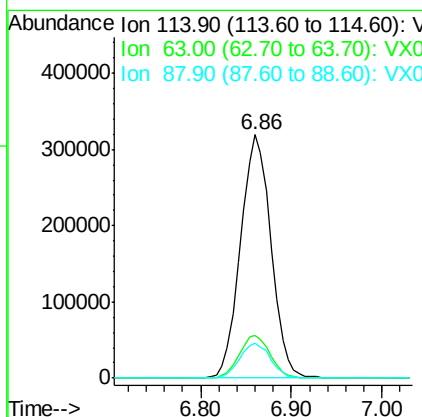
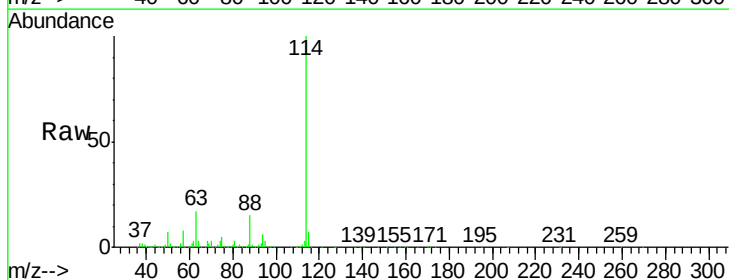
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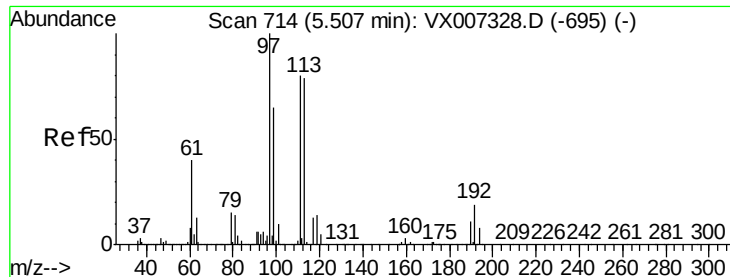
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.6
88	14.6	0.0	29.6





#35

Dibromofluoromethane

Concen: 49.734 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

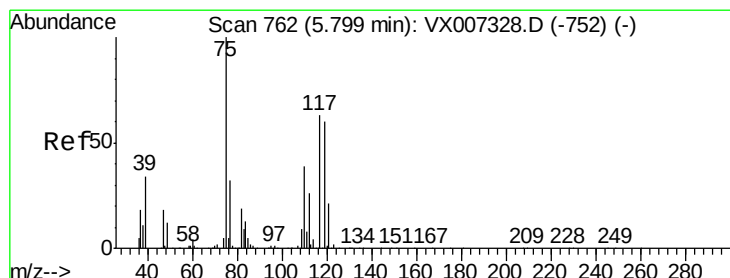
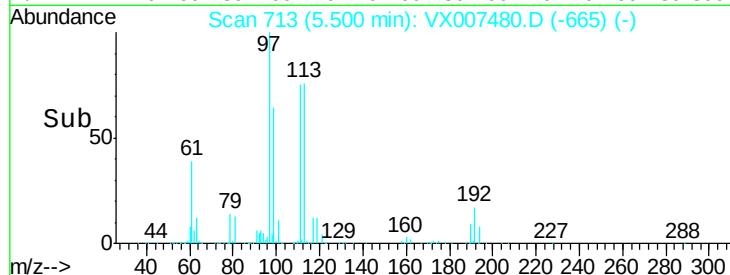
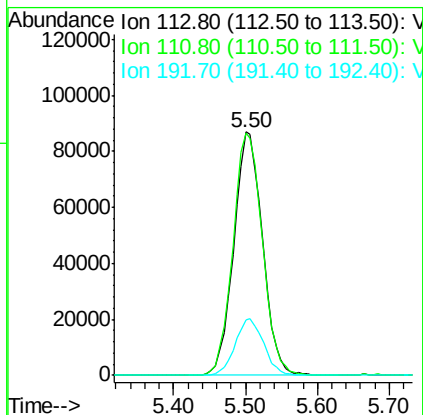
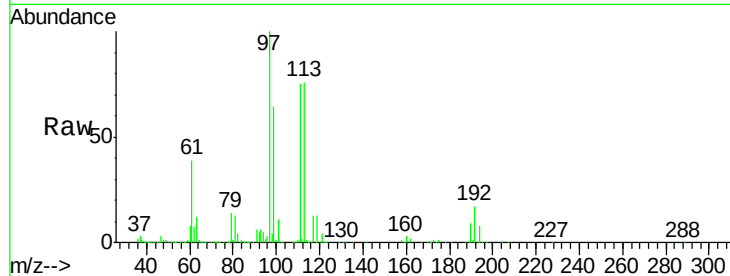
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	241073
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.8	122.8
192	23.0	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 43.046 ug/l

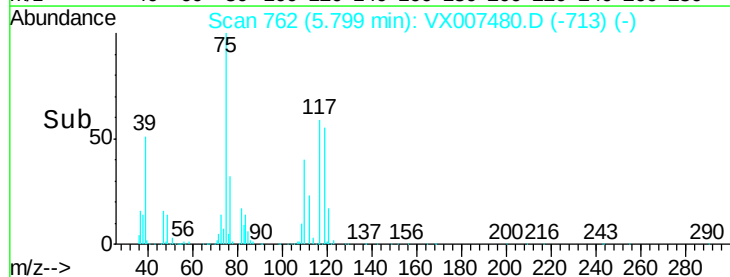
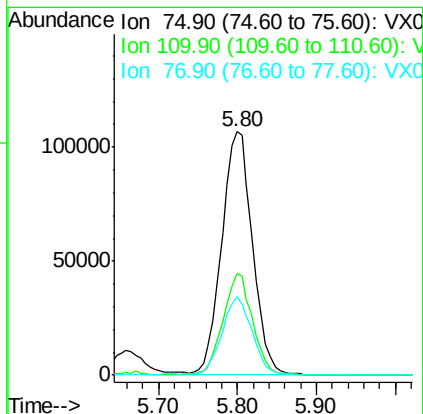
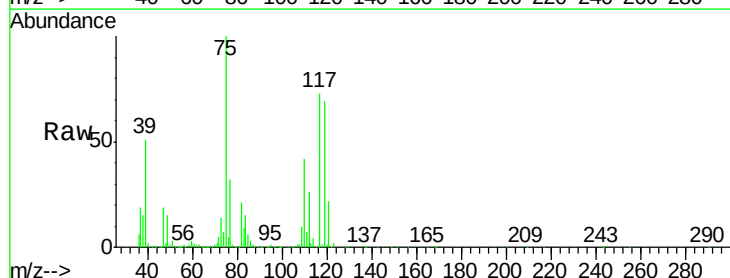
RT: 5.80 min Scan# 762

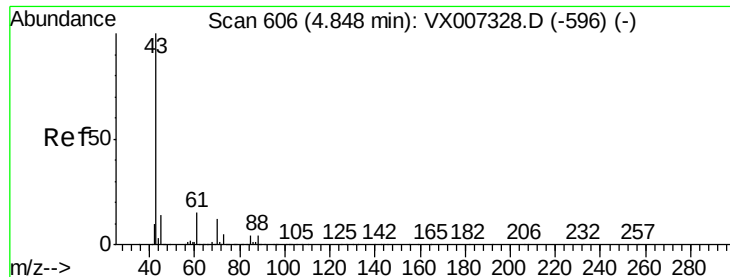
Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion:	75	Resp:	287725
Ion Ratio	Lower	Upper	
75	100		
110	40.2	20.0	59.9
77	31.4	24.7	37.1





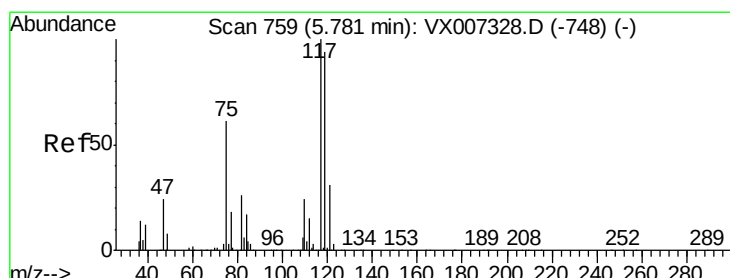
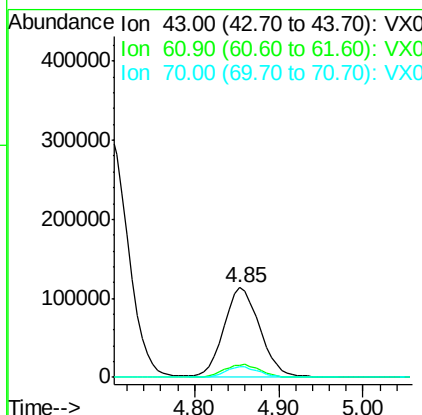
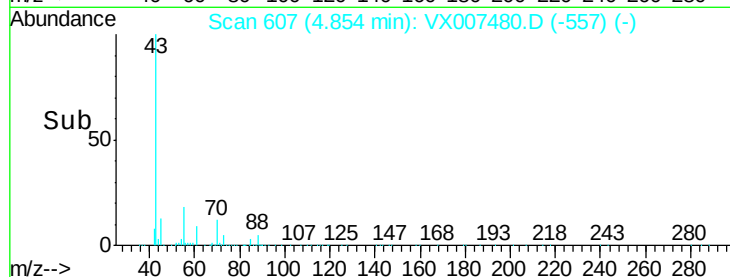
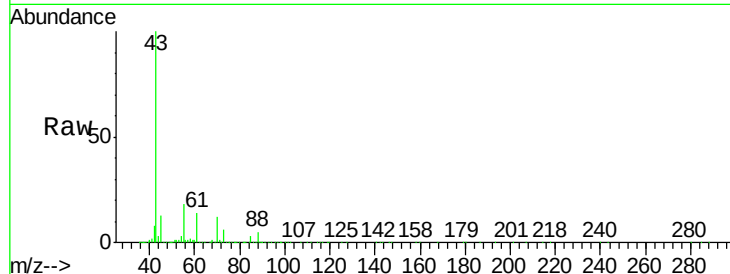
#37
Ethyl Acetate
Concen: 48.607 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		328433		
61	14.4	11.3	16.9		
70	11.1	8.6	13.0		

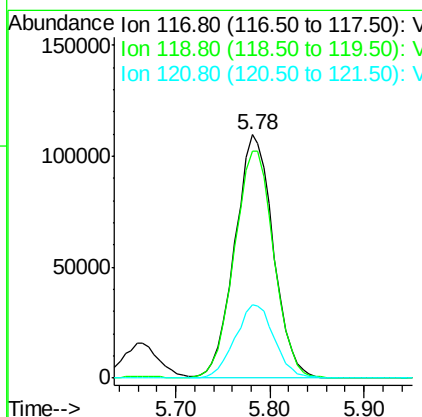
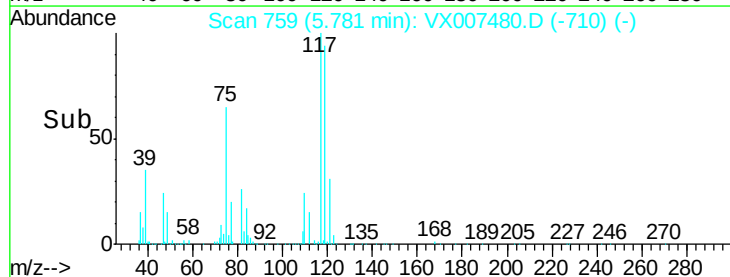
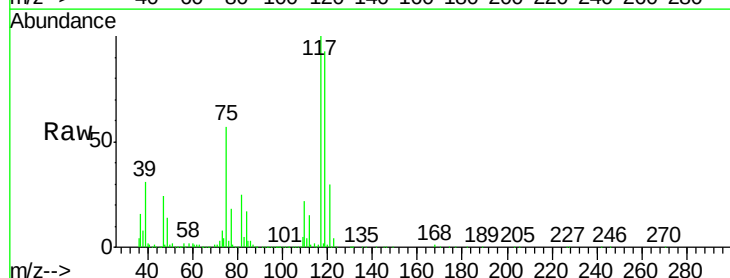
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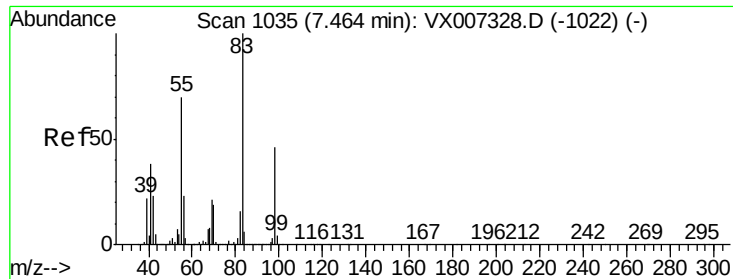
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#38
Carbon Tetrachloride
Concen: 48.153 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		312257		
119	93.3	75.3	112.9		
121	30.2	25.0	37.4		





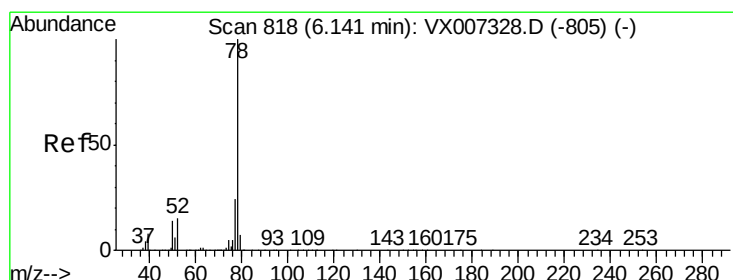
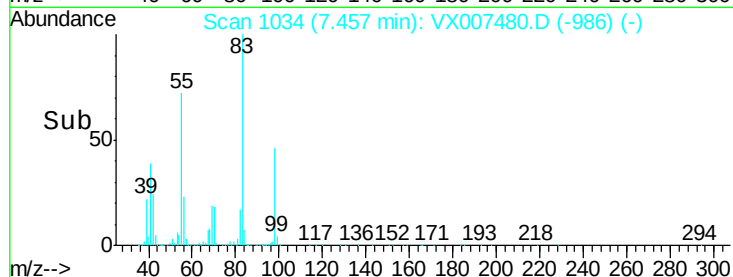
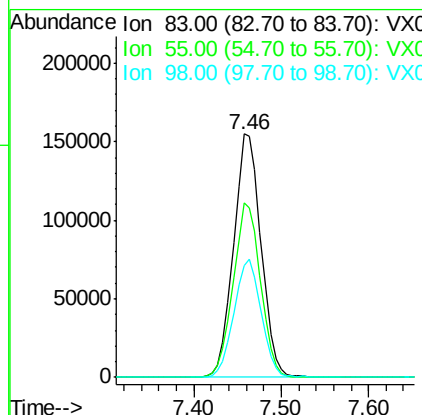
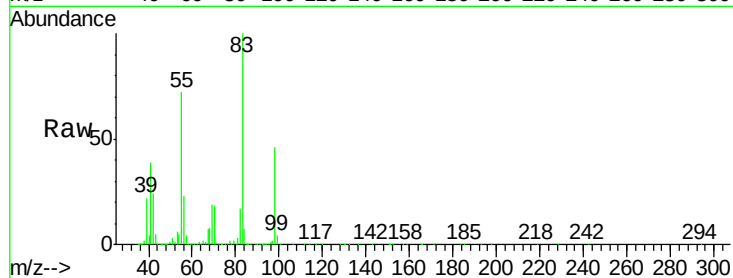
#39
Methylvlcyclohexane
Concen: 42.022 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	56.2	84.2
98	45.6	36.8	55.2

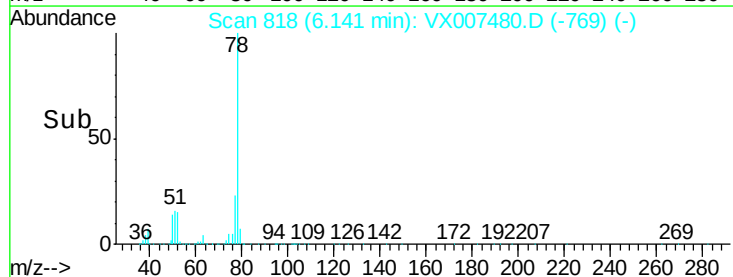
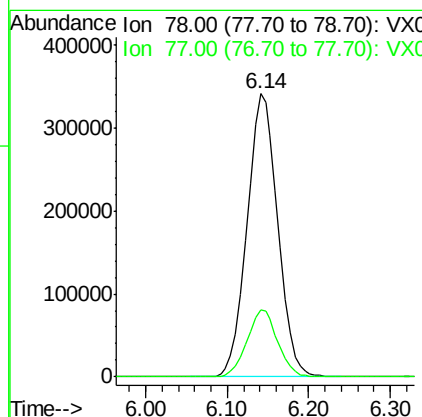
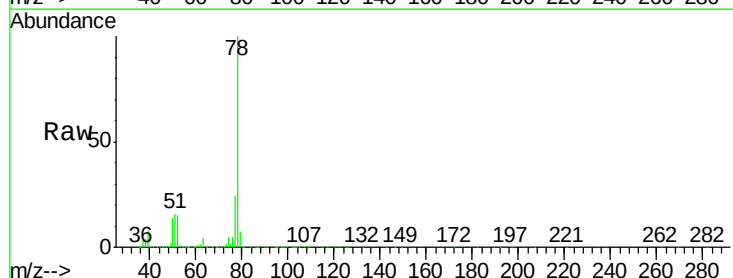
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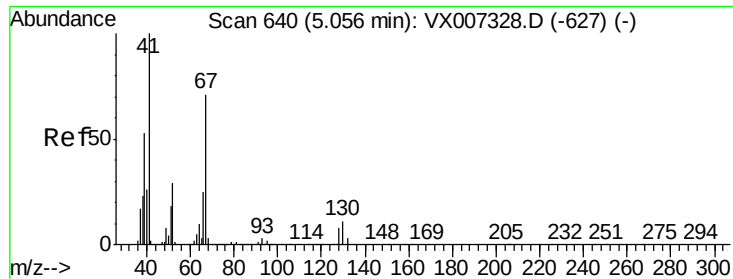
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#40
Benzene
Concen: 45.263 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#41

Methacrylonitrile

Concen: 50.155 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

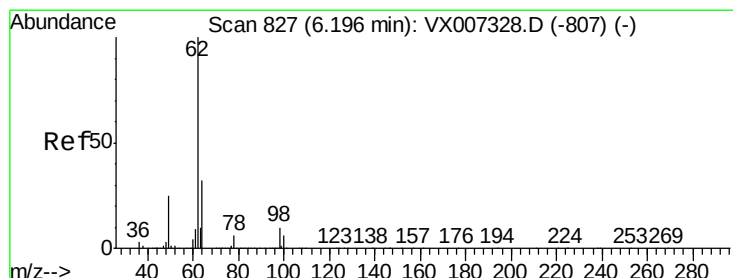
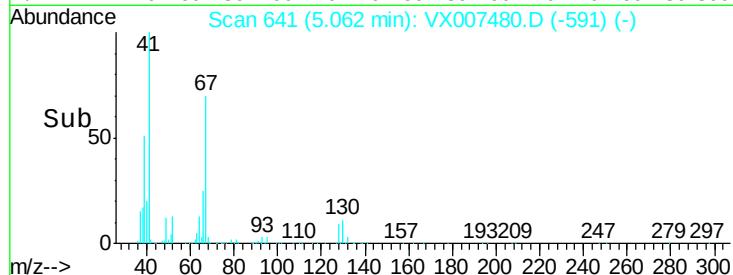
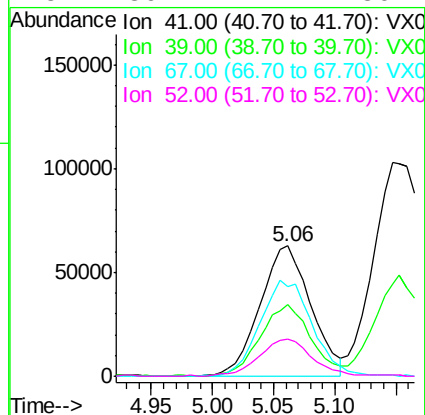
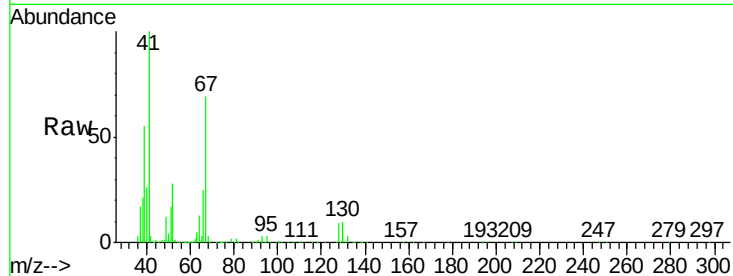
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		181628		
39	54.1	44.5	66.7		
67	75.3	60.4	90.6		
52	30.1	24.1	36.1		

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#42

1,2-Dichloroethane

Concen: 44.659 ug/l

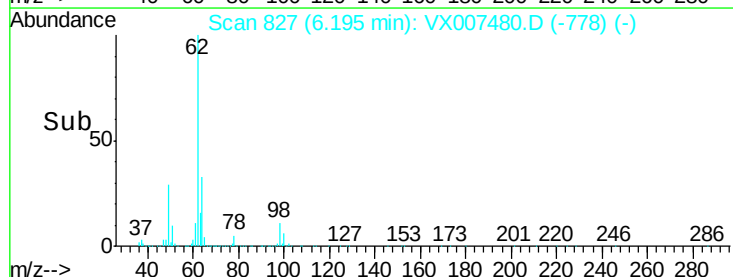
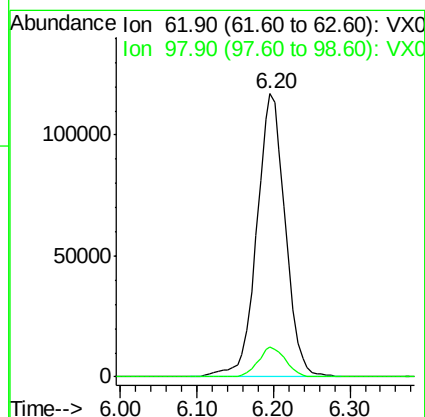
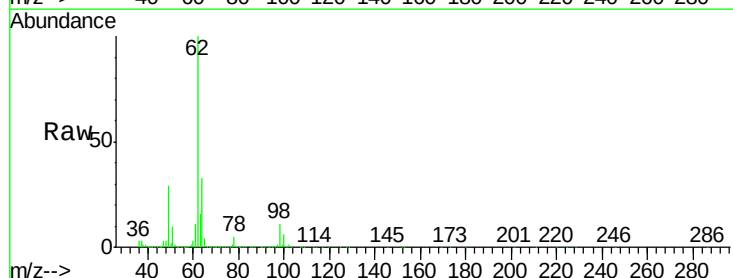
RT: 6.20 min Scan# 827

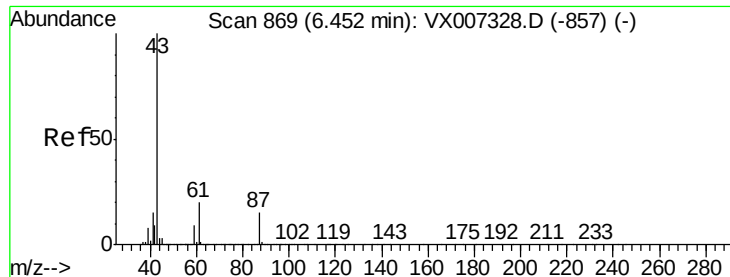
Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		304240		
98	10.2	0.0	19.0		





#43

Isopropyl Acetate

Concen: 50.010 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

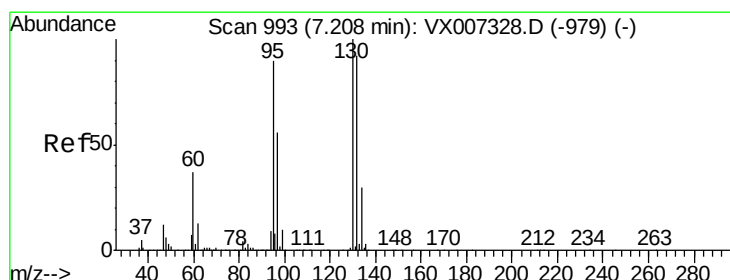
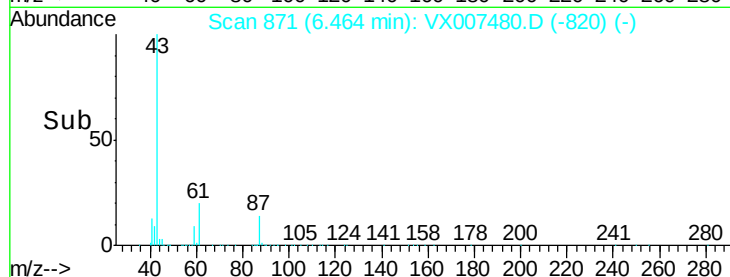
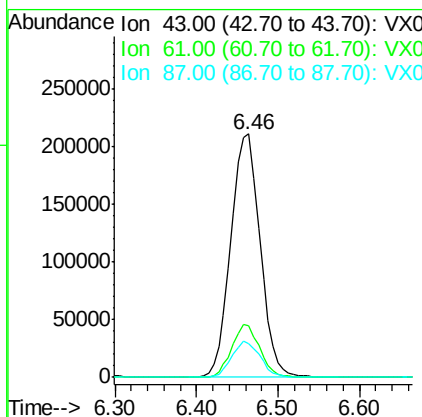
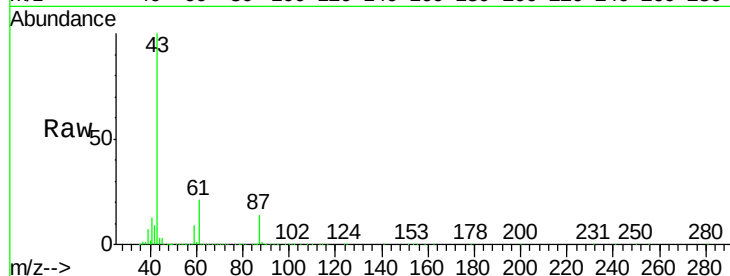
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	521575
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.1	24.1
87	14.5	11.5	17.3

Manual Integrations
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#44

Trichloroethene

Concen: 43.595 ug/l

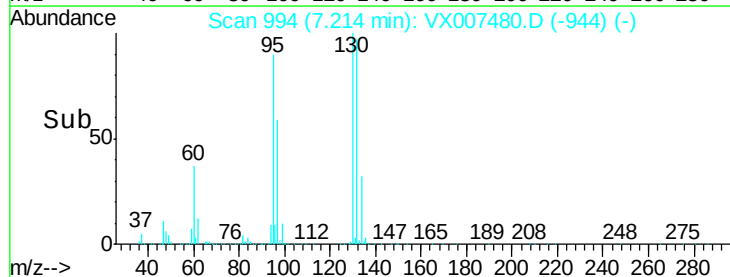
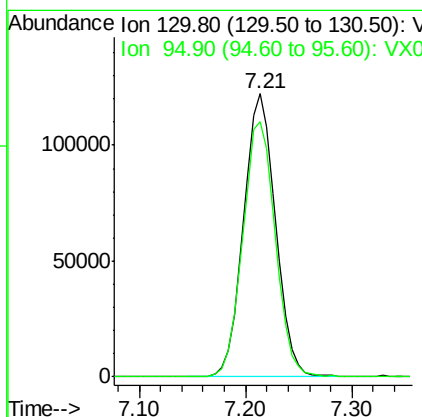
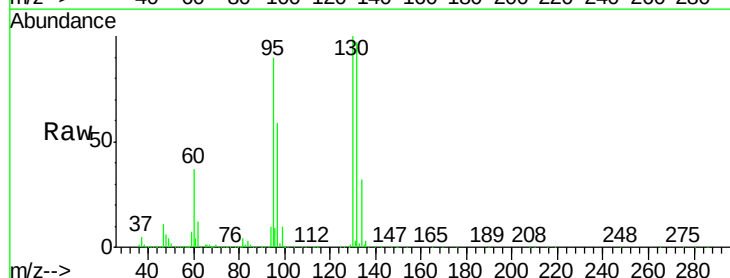
RT: 7.21 min Scan# 994

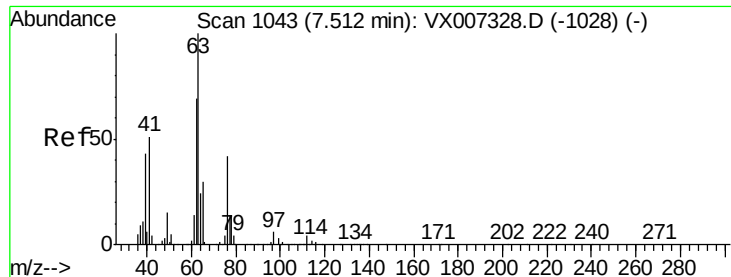
Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion:	130	Resp:	258519
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	180.0





#45

1,2-Dichloropropane

Concen: 46.309 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 228458

Ion Ratio Lower Upper

63 100

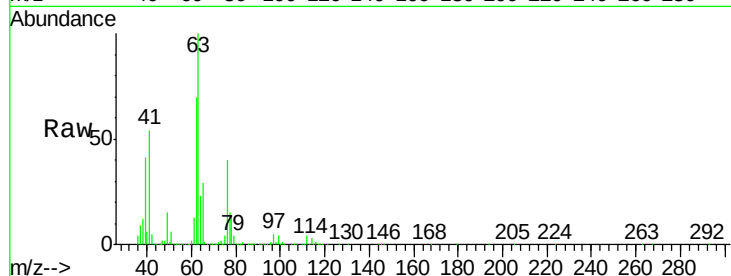
65 28.9 24.2 36.2

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

120000

100000

80000

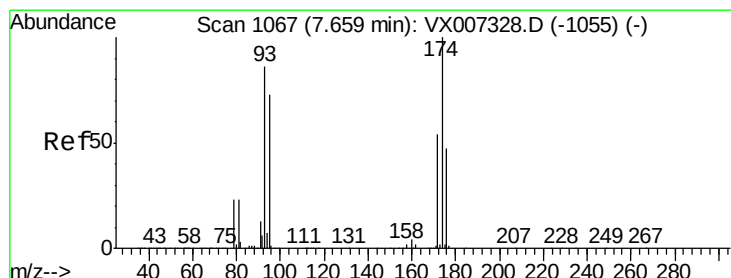
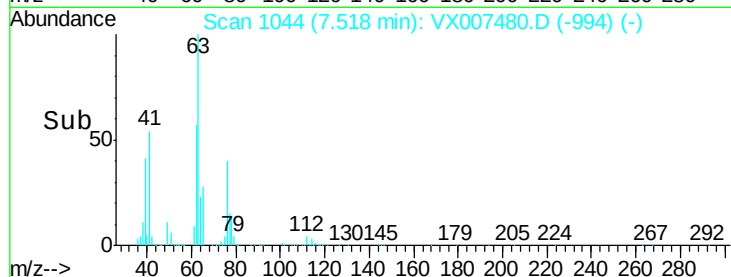
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 44.439 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

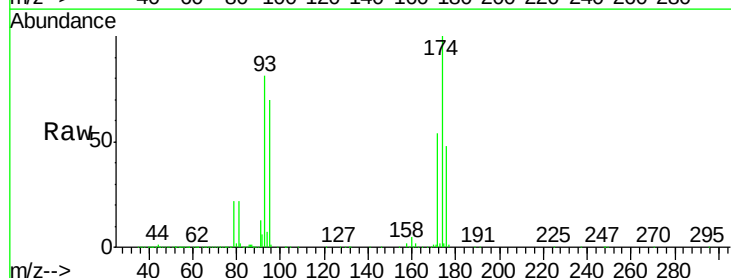
Tgt Ion: 93 Resp: 159338

Ion Ratio Lower Upper

93 100

95 84.5 67.6 101.4

174 121.1 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

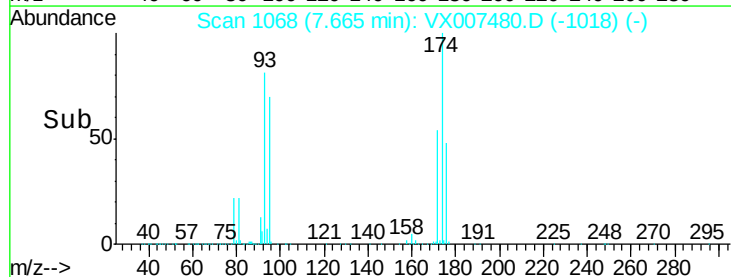
7.66

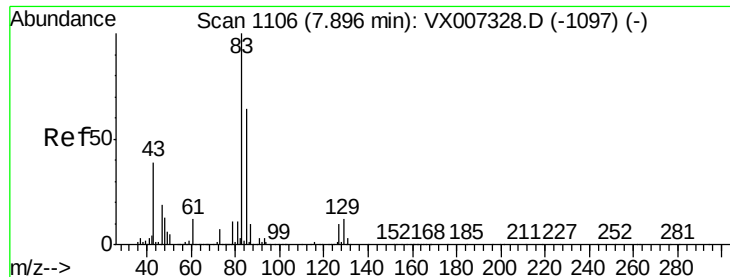
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 49.132 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

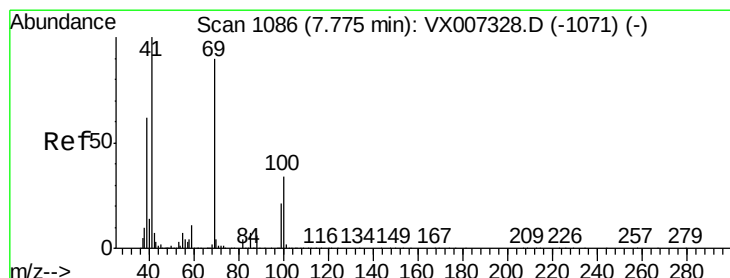
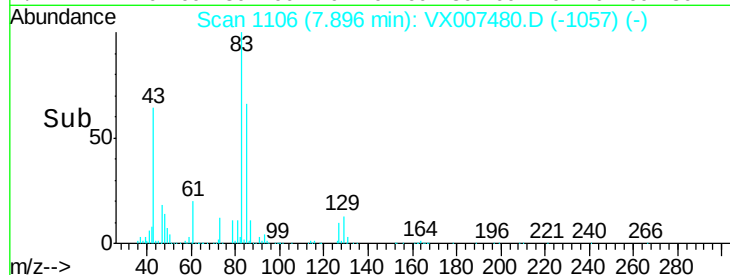
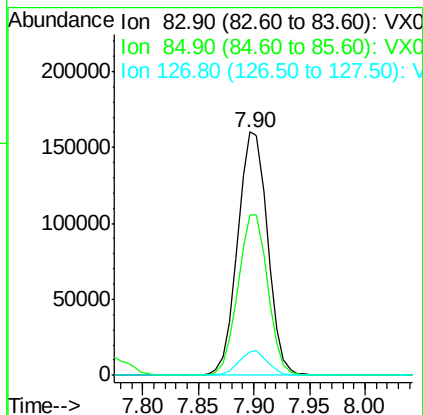
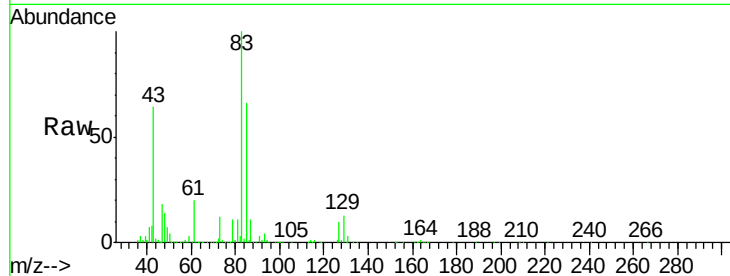
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	298561
Ion Ratio	Lower	Upper	
83	100		
85	65.6	51.4	77.0
127	9.9	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.484 ug/l

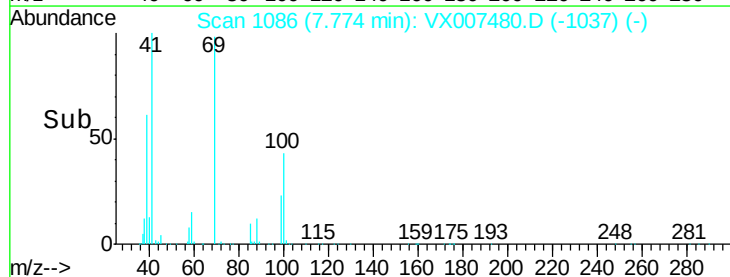
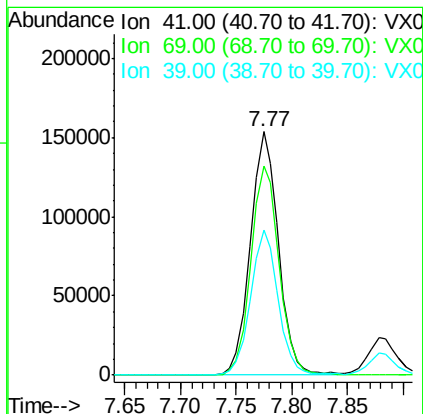
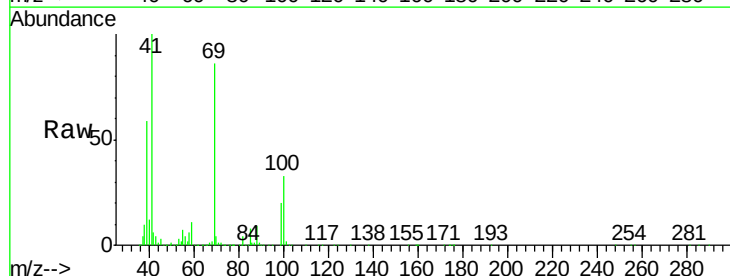
RT: 7.77 min Scan# 1086

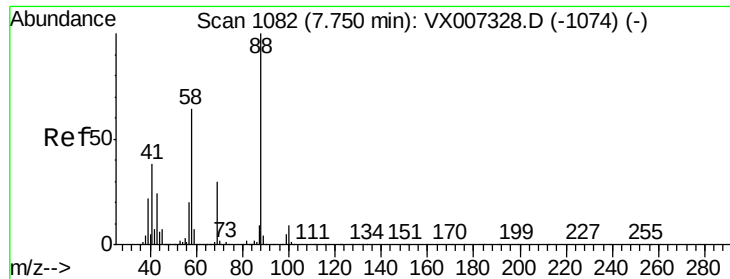
Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion:	41	Resp:	268579
Ion Ratio	Lower	Upper	
41	100		
69	87.5	70.2	105.4
39	58.2	47.4	71.0





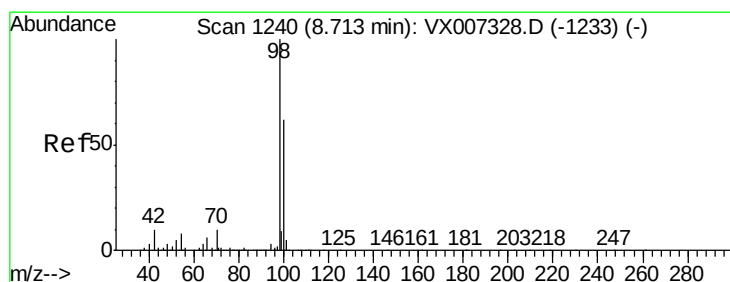
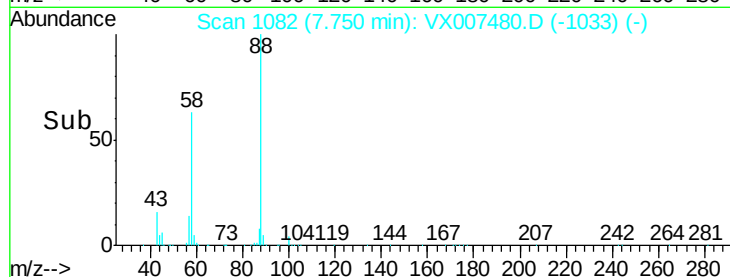
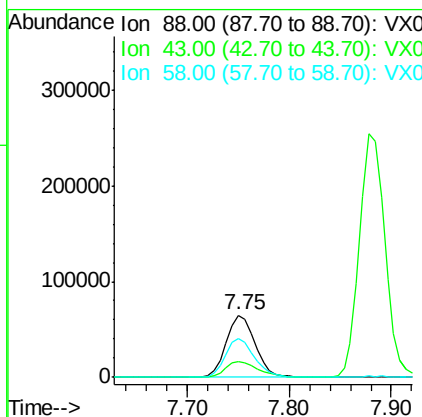
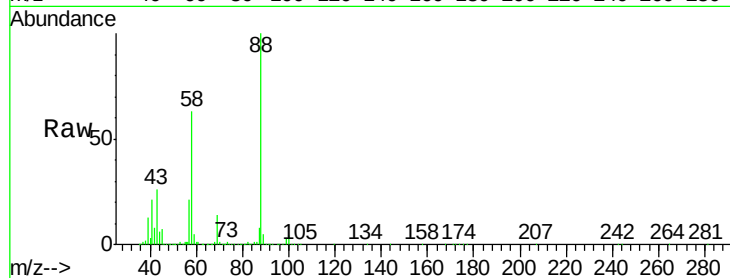
#49
1,4-Dioxane
Concen: 1072.117 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	24.2	36.4
58	63.2	53.0	79.4

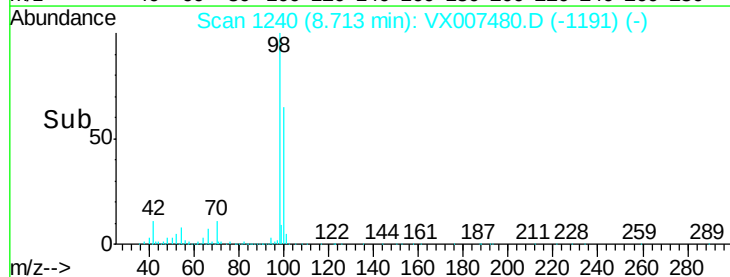
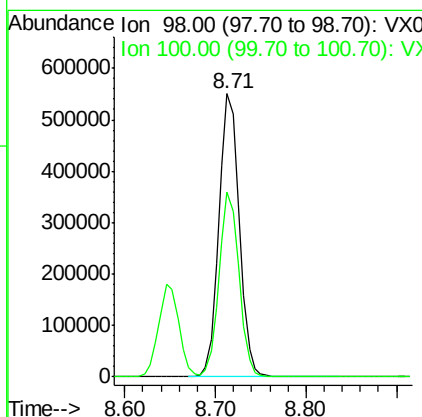
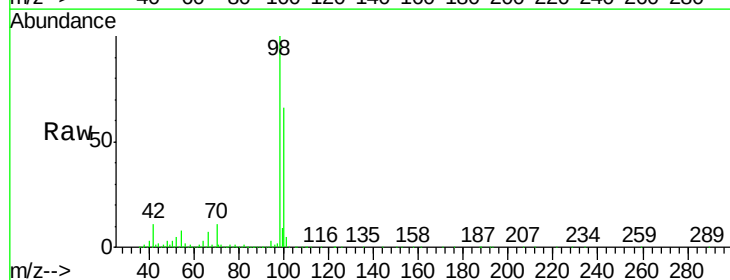
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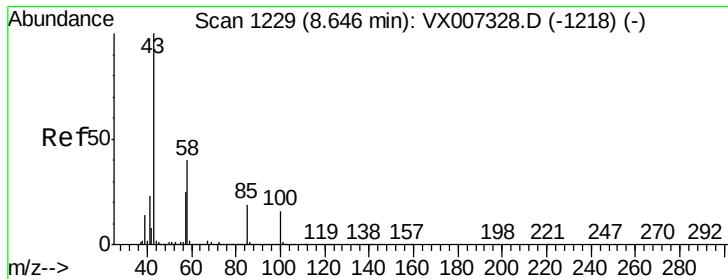
MMDadoda
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#50
Toluene-d8
Concen: 48.144 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 250.461 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1719585

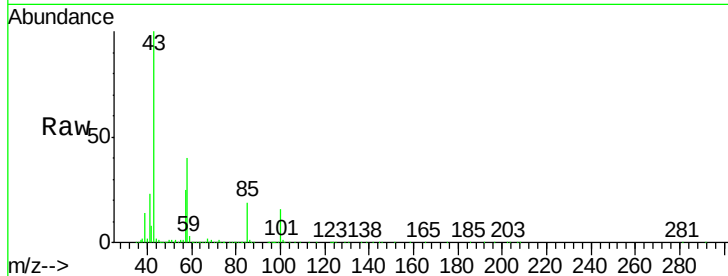
Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8

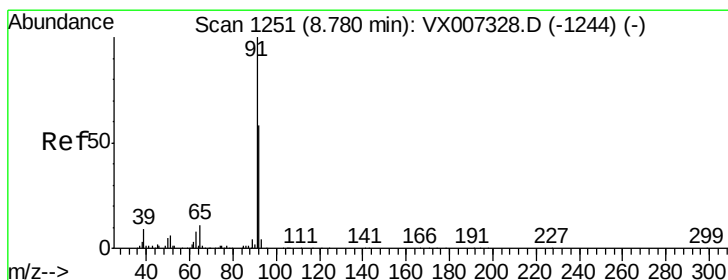
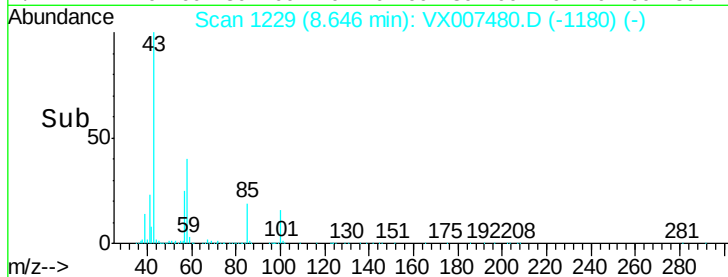
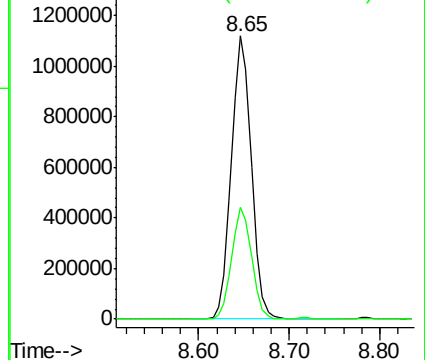
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 45.373 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007480.D

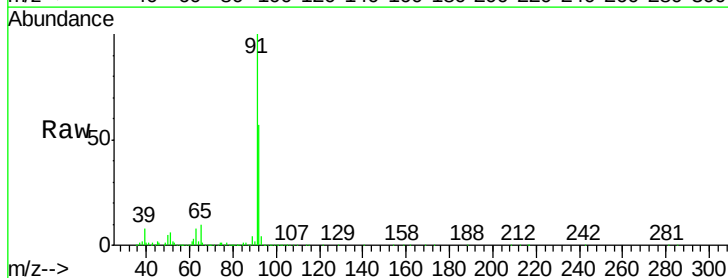
Acq: 11 Feb 2019 20:39

Tgt Ion: 92 Resp: 576400

Ion Ratio Lower Upper

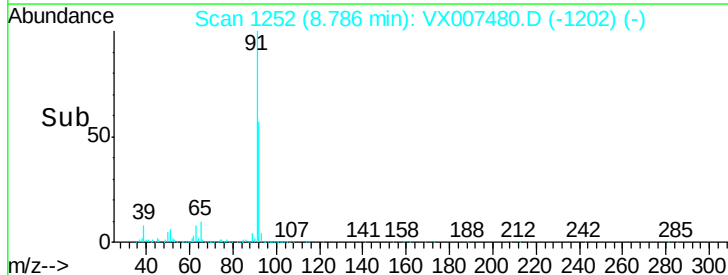
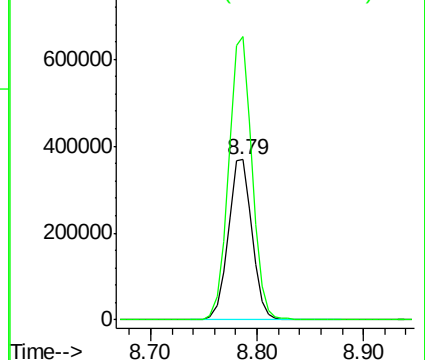
92 100

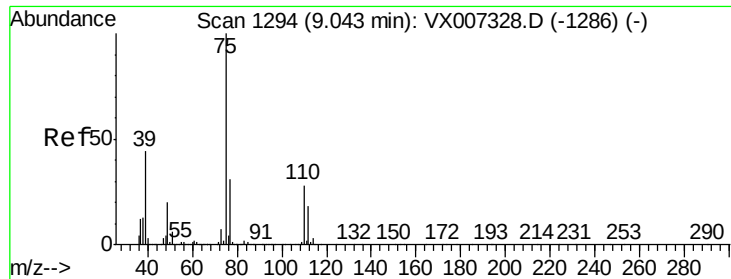
91 174.2 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





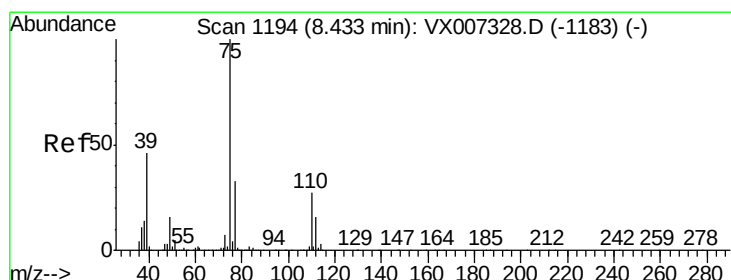
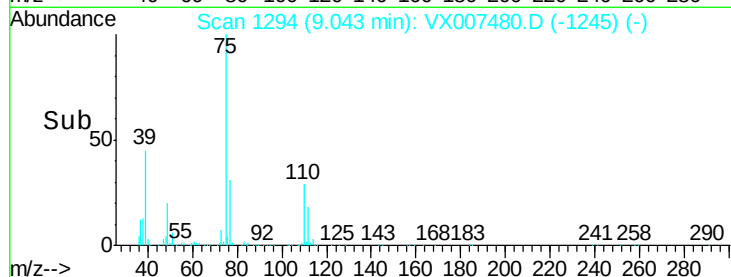
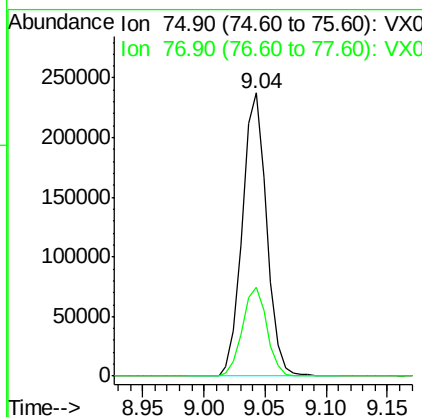
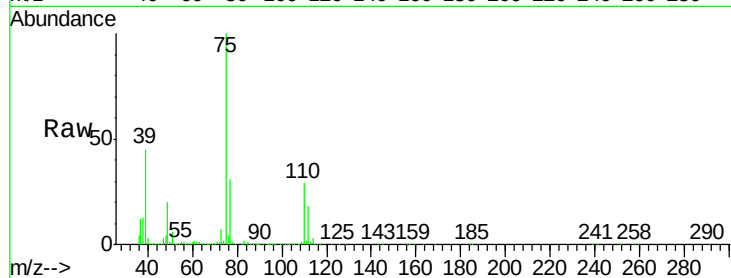
#53
t-1,3-Dichloropropene
Concen: 49.977 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.2	37.8

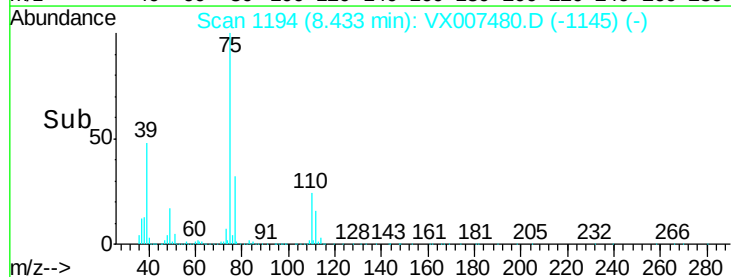
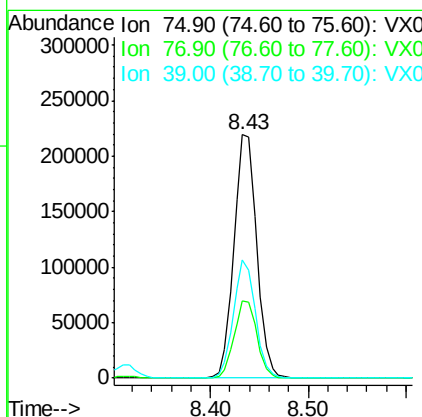
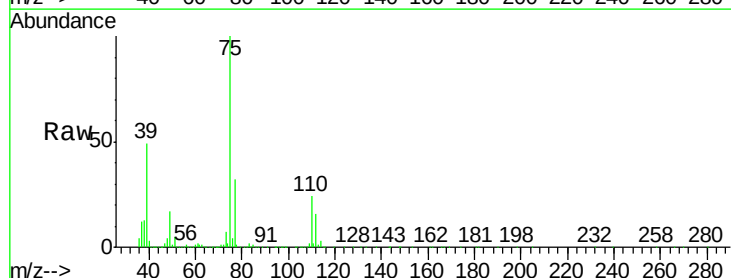
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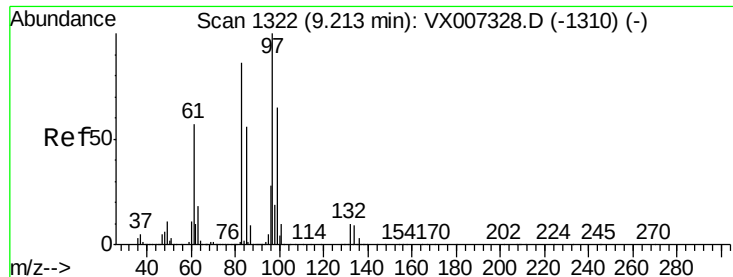
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#54
cis-1,3-Dichloropropene
Concen: 49.311 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.2	39.4
39	48.4	37.1	55.7





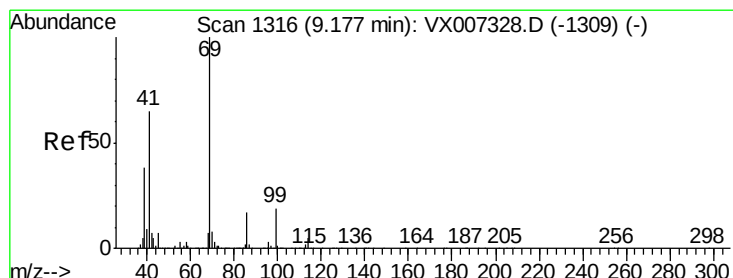
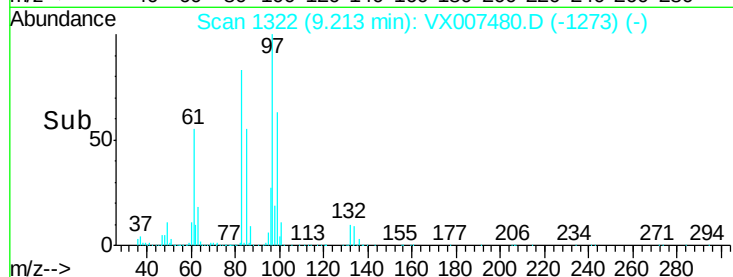
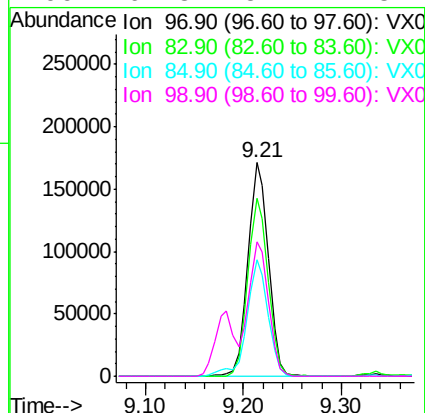
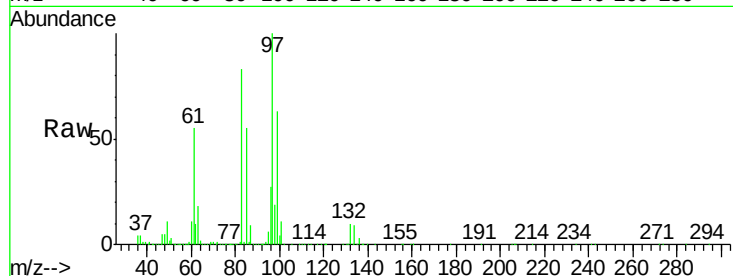
#55
 1,1,2-Trichloroethane
 Concen: 46.923 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		248474		
83	83.2	68.6	102.8		
85	54.7	44.5	66.7		
99	62.8	52.2	78.4		

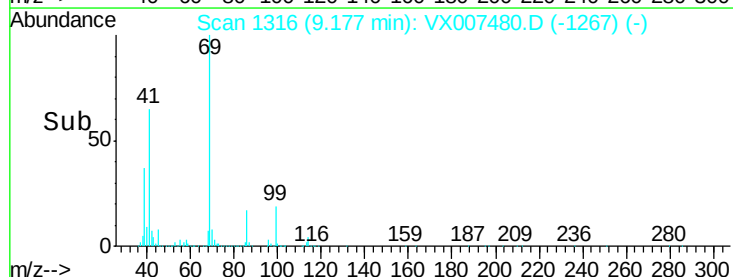
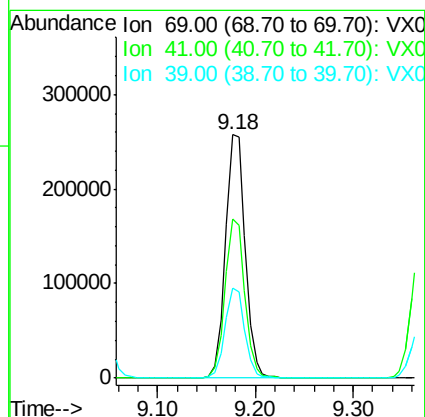
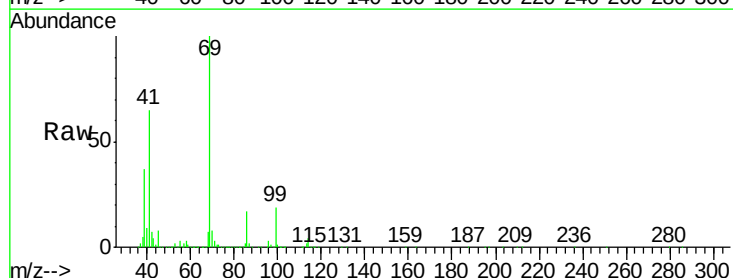
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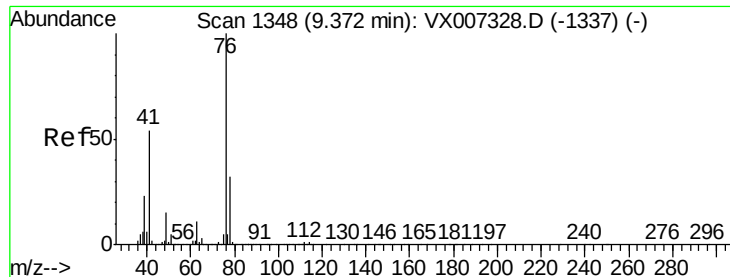
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#56
 Ethyl methacrylate
 Concen: 49.377 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		362138		
41	64.9	52.1	78.1		
39	36.8	30.1	45.1		





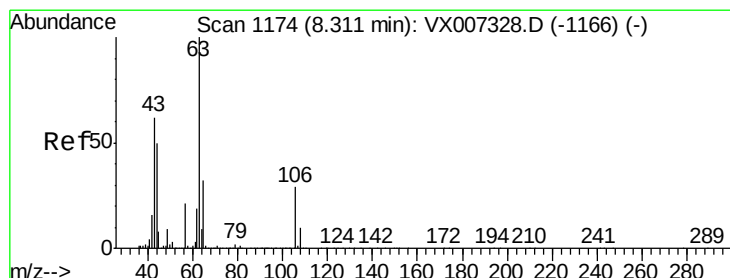
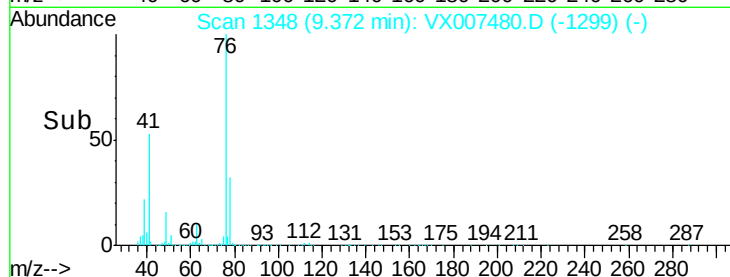
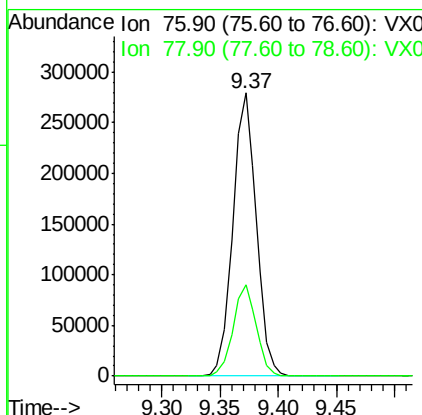
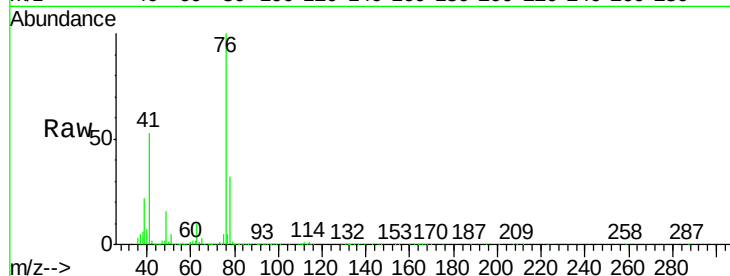
#57
 1,3-Dichloropropane
 Concen: 46.562 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

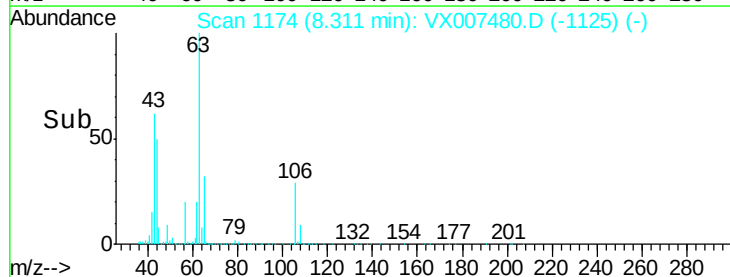
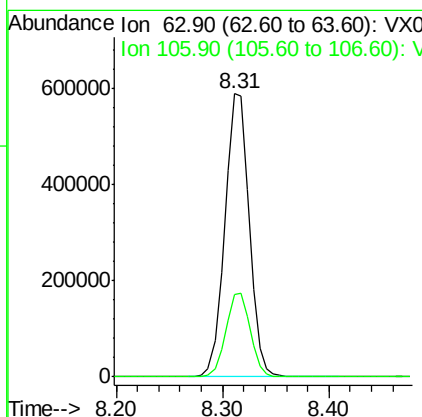
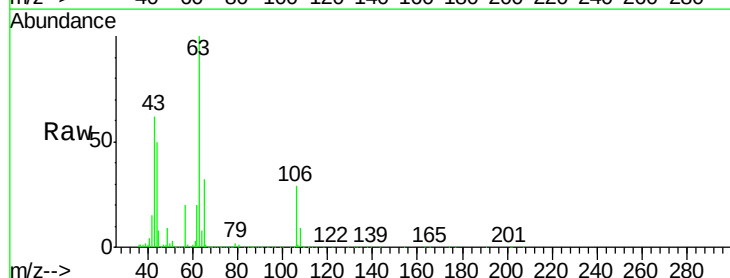
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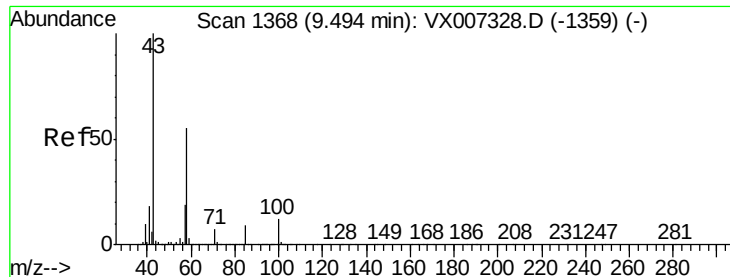
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 2/12/2019 12:16:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.470 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.6	35.4





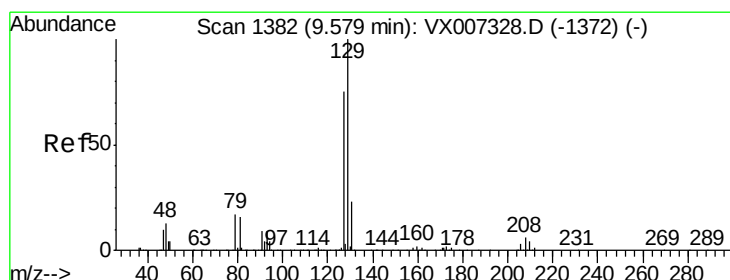
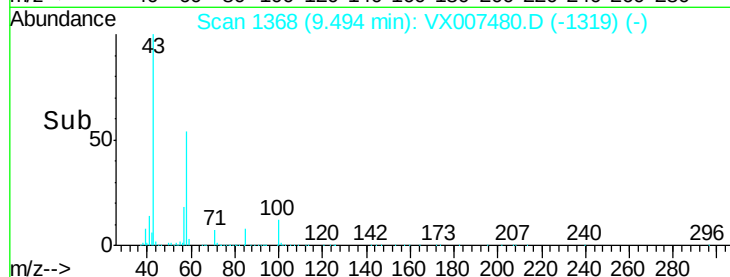
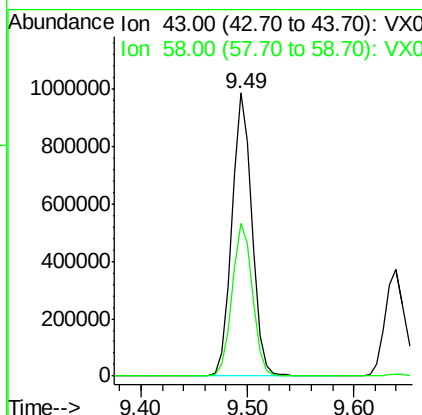
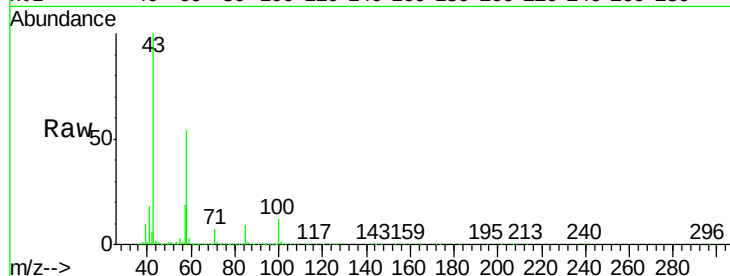
#59
2-Hexanone
Concen: 243.936 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1303266
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.3

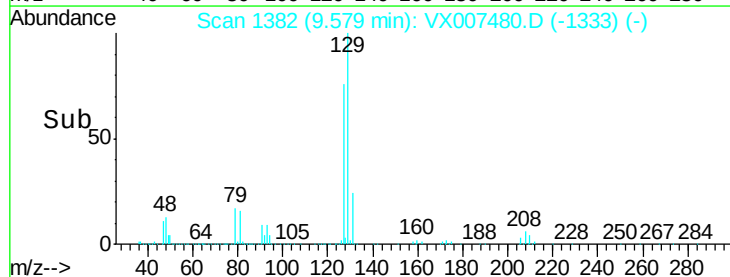
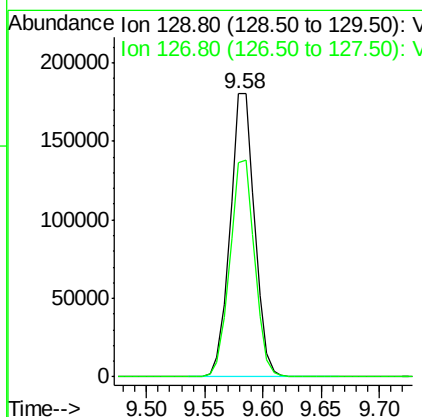
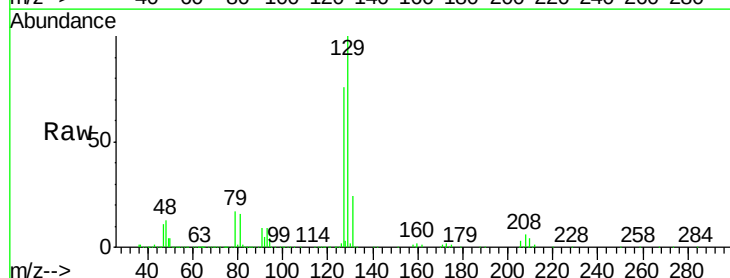
Manual Integrations
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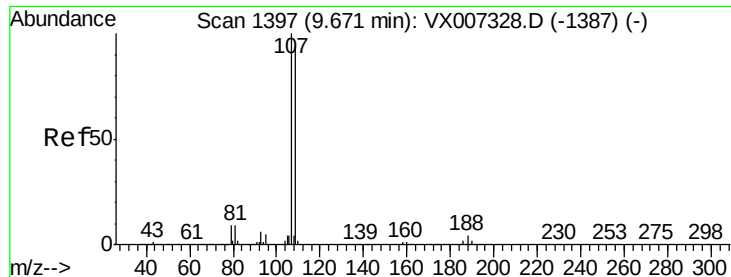
MMDadoda
2/12/2019 12:16:03 PM



#60
Dibromochloromethane
Concen: 52.827 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion: 129 Resp: 264566
Ion Ratio Lower Upper
129 100
127 77.2 37.8 113.4





#61

1,2-Dibromoethane

Concen: 47.645 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 267184

Ion Ratio Lower Upper

107 100

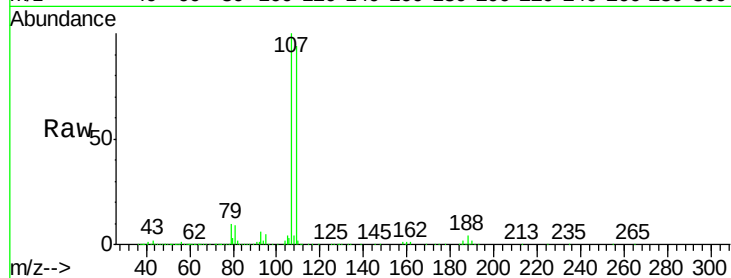
109 93.7 75.1 112.7

Manual Integrations

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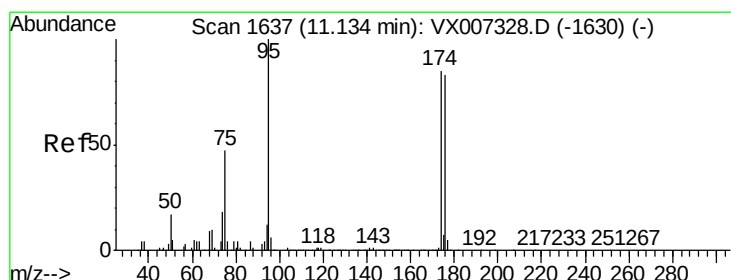
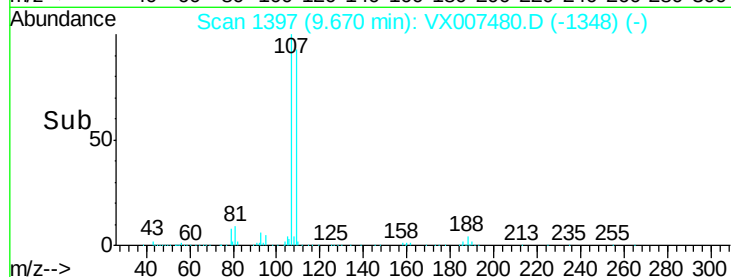
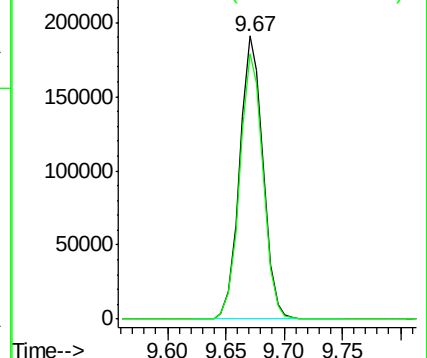
MMDadoda

2/12/2019 12:16:03 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.758 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

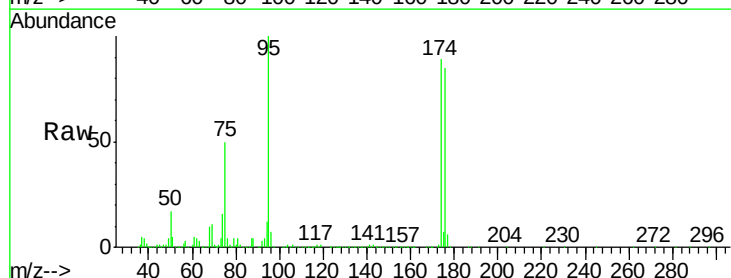
Tgt Ion: 95 Resp: 313581

Ion Ratio Lower Upper

95 100

174 94.5 0.0 189.2

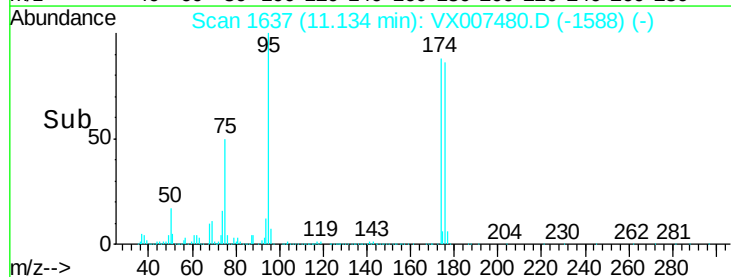
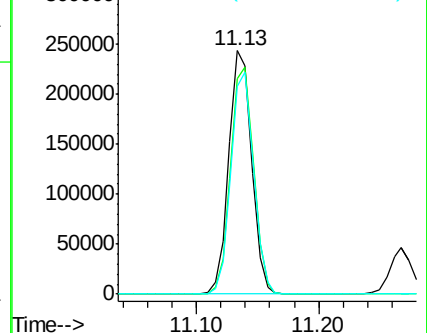
176 90.8 0.0 186.2

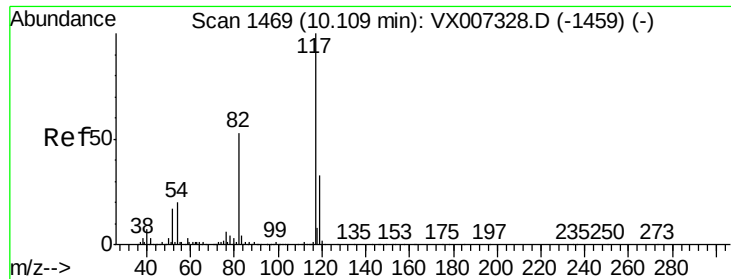


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





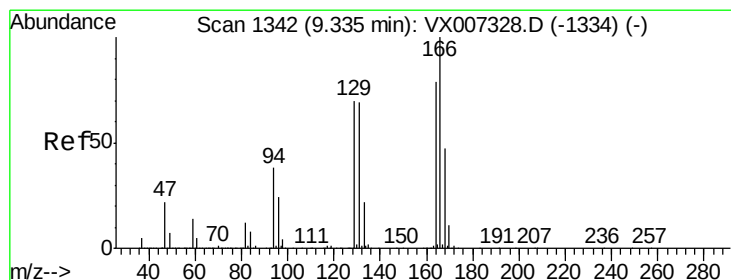
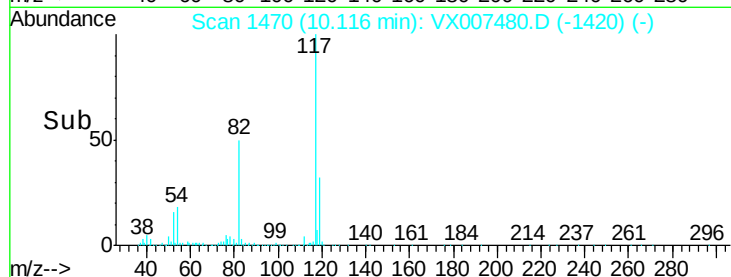
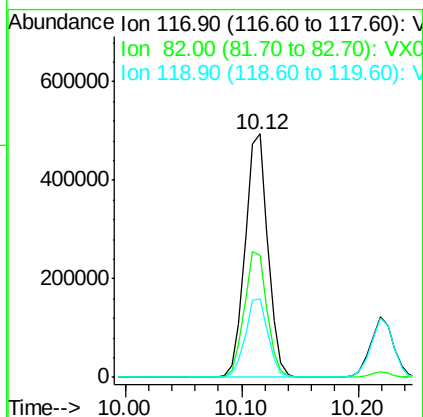
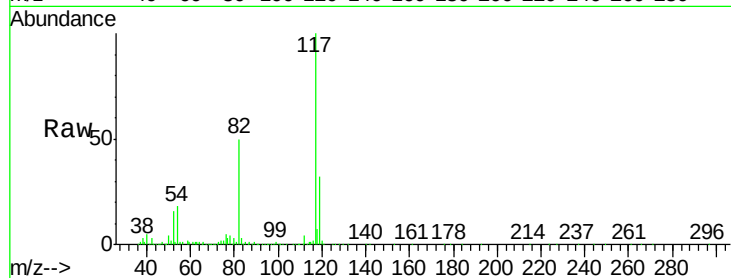
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	42.1	63.1
119	32.2	26.5	39.7

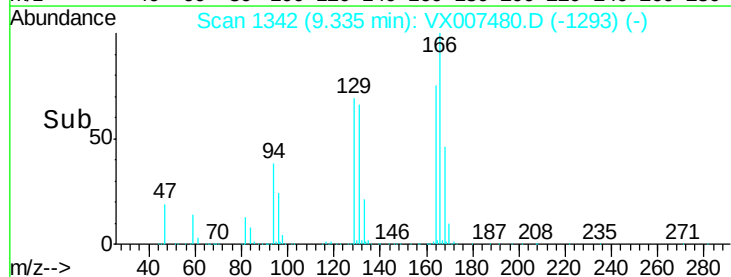
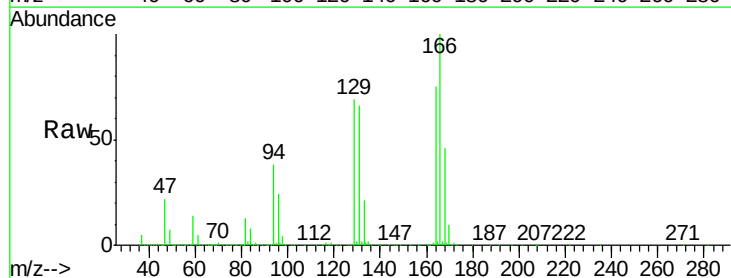
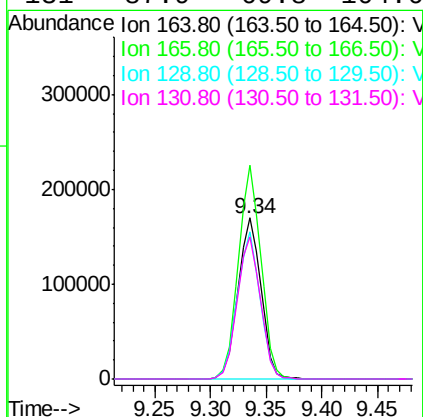
Manual Integrations
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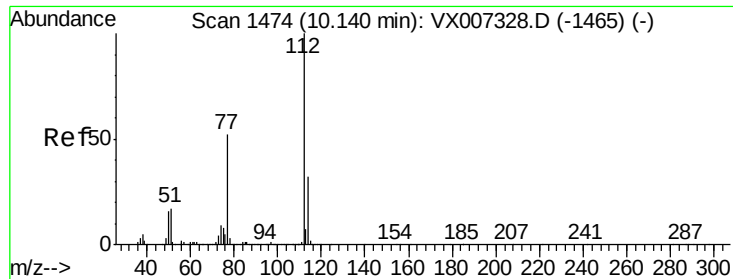
MMDadoda
2/12/2019 12:16:03 PM



#64
Tetrachloroethene
Concen: 38.302 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.6	101.0	151.4
129	91.3	70.5	105.7
131	87.9	69.8	104.6





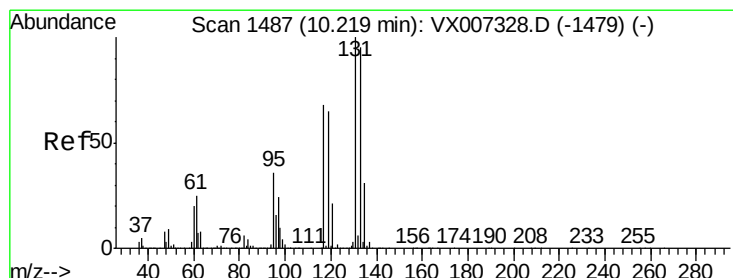
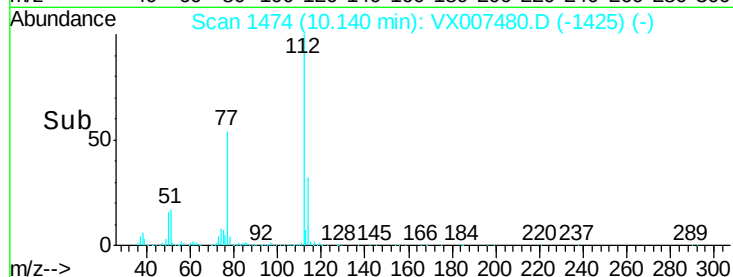
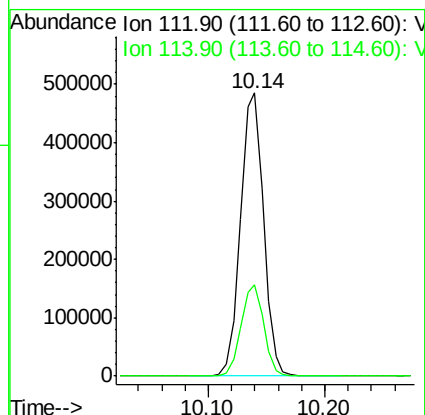
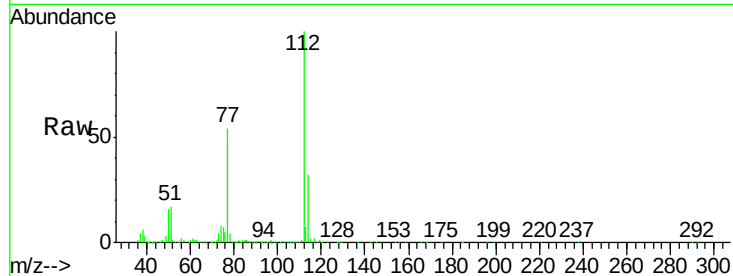
#65
Chlorobenzene
Concen: 45.454 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.8	38.6

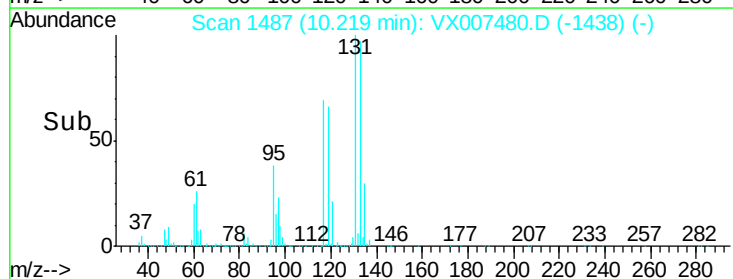
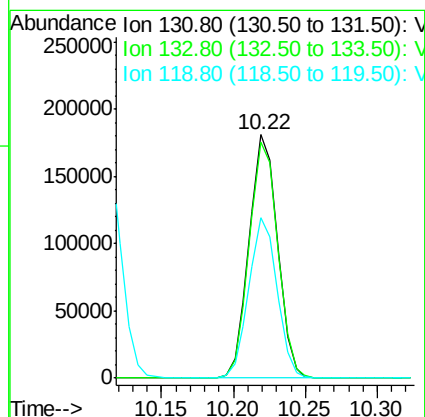
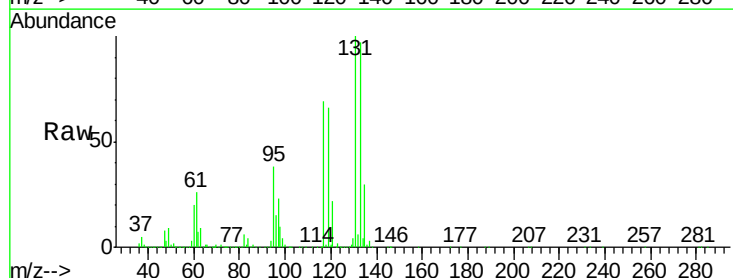
Manual Integrations
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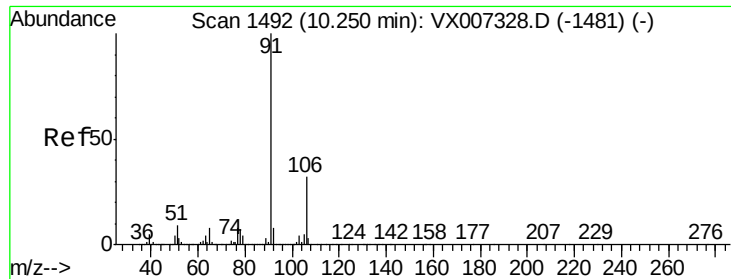
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.760 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.1	48.0	144.2
119	65.6	32.0	96.0





#67

Ethyl Benzene

Concen: 46.296 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1098659

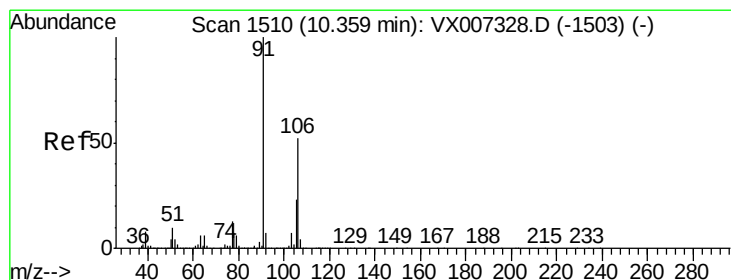
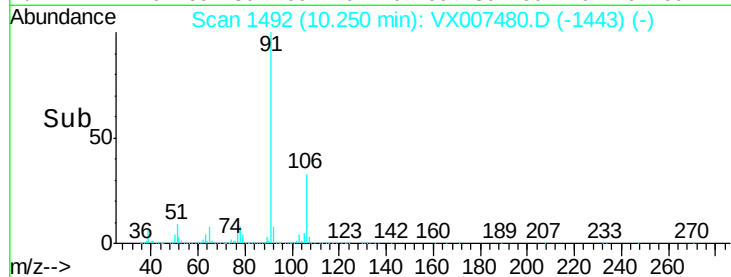
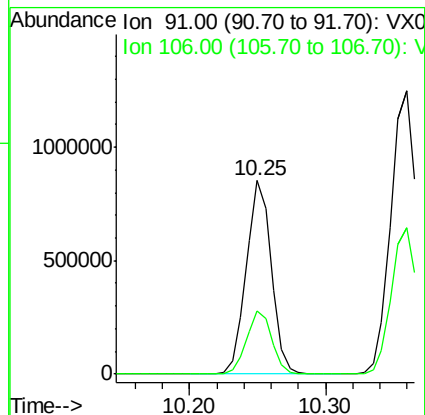
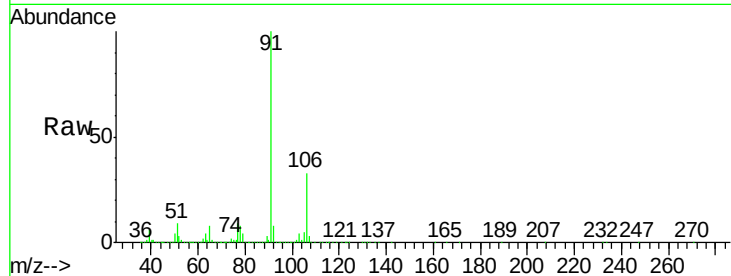
Ion Ratio Lower Upper

91 100

106 32.9 25.4 38.0

Manual Integrations
APPROVED

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2/12/2019 12:16:03 PM



#68

m/p-Xylenes

Concen: 92.058 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007480.D

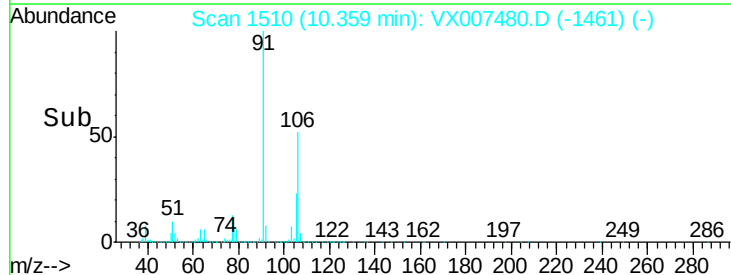
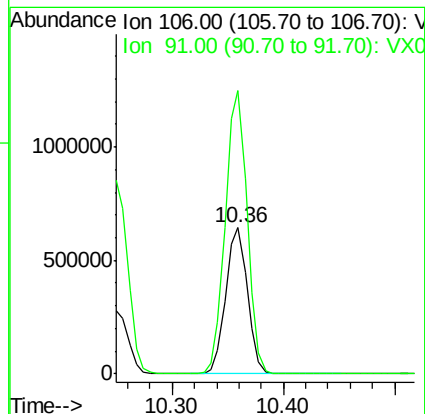
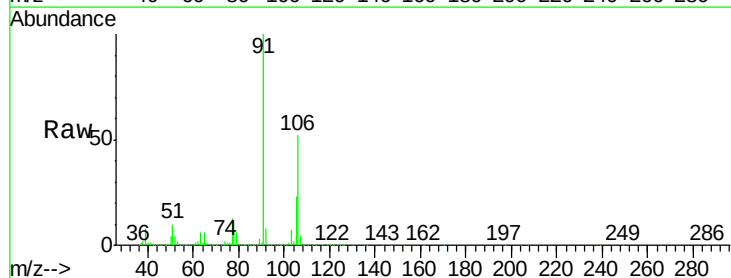
Acq: 11 Feb 2019 20:39

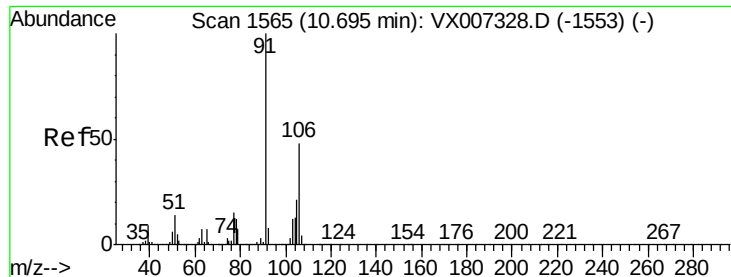
Tgt Ion: 106 Resp: 868415

Ion Ratio Lower Upper

106 100

91 195.4 156.6 234.8





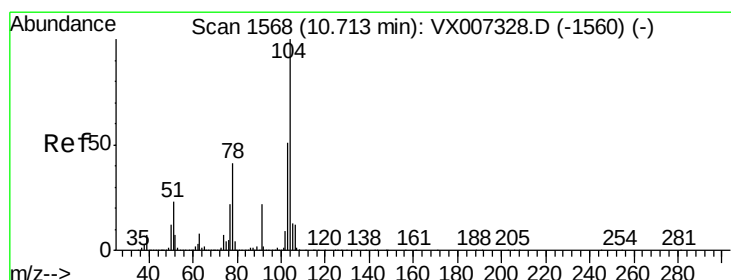
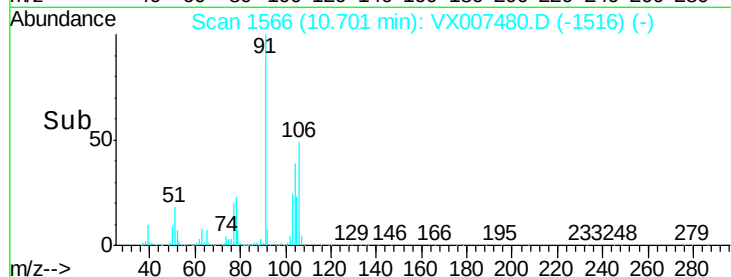
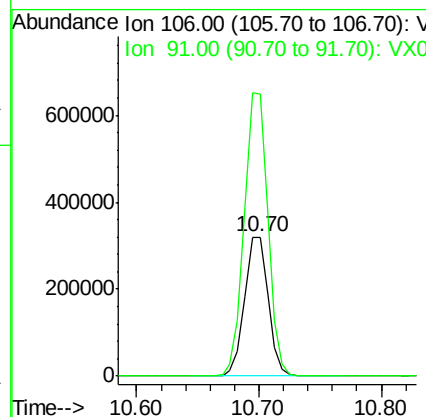
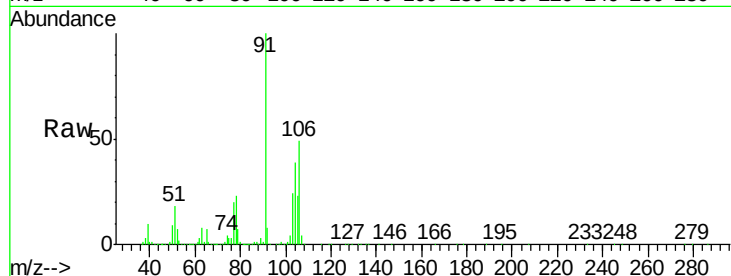
#69
o-Xylene
Concen: 47.069 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
427254	106	100		
	91	204.1	102.9	308.7

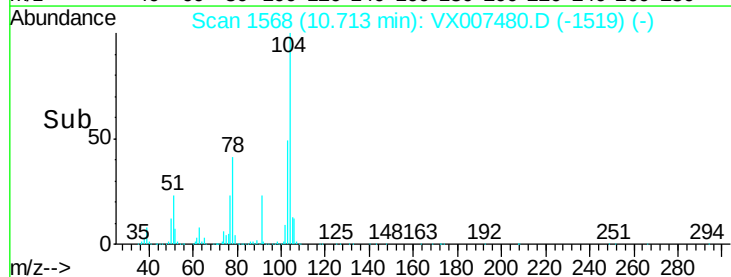
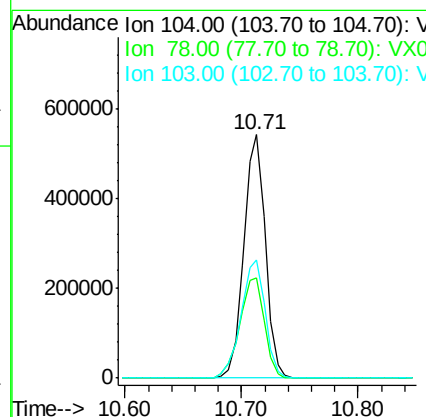
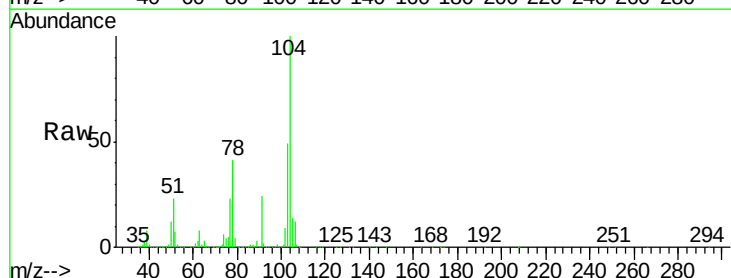
Manual Integrations
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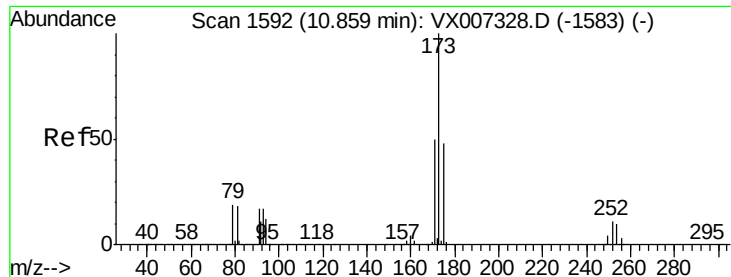
MMDadoda
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#70
Styrene
Concen: 47.520 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
699557	104	100		
	78	47.3	38.3	57.5
	103	54.5	44.6	67.0





#71

Bromoform

Concen: 47.002 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

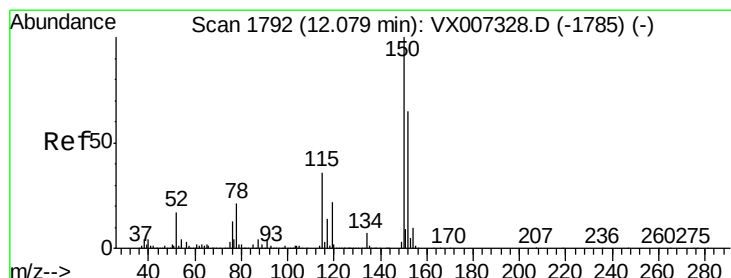
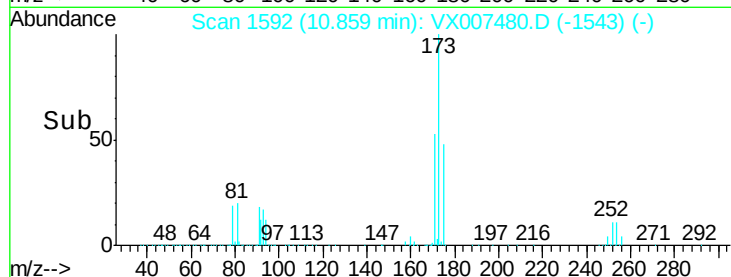
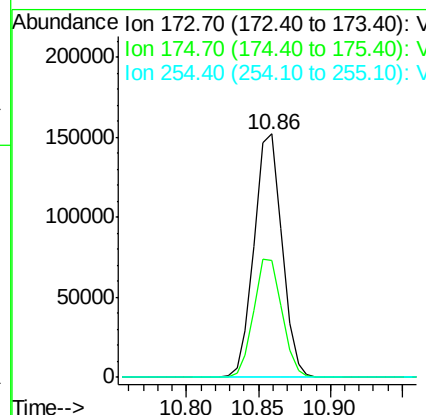
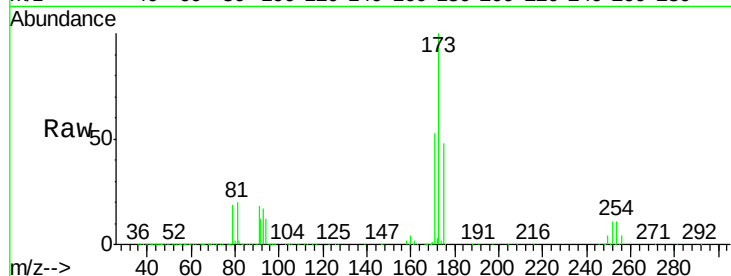
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	202535
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.2	72.6
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

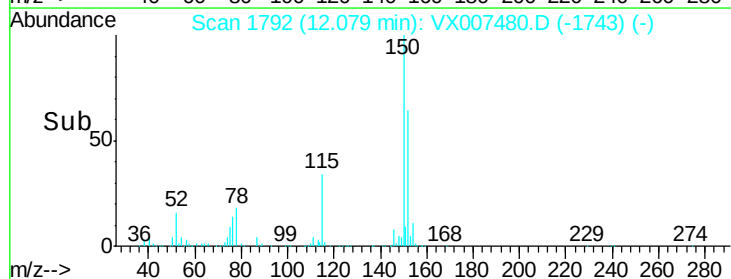
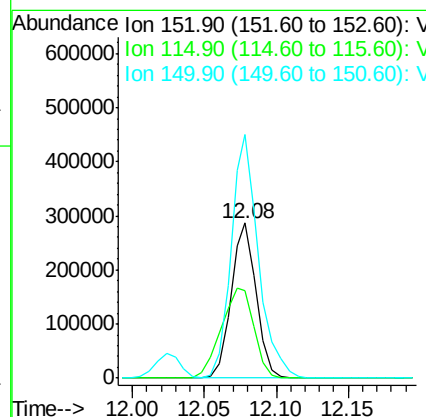
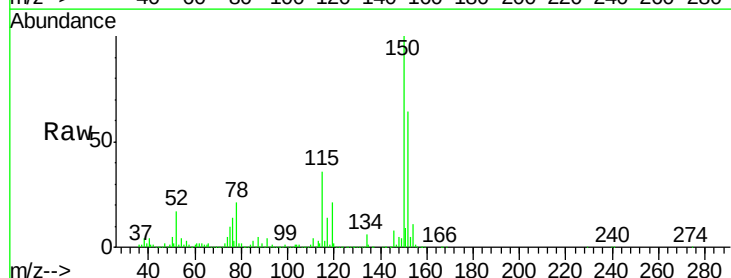
RT: 12.08 min Scan# 1792

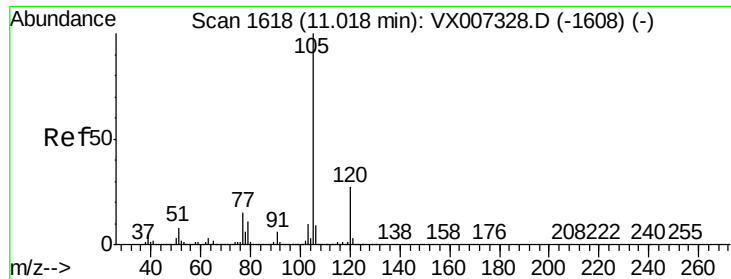
Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion:	152	Resp:	346617
Ion Ratio	Lower	Upper	
152	100		
115	76.2	38.0	114.0
150	172.0	0.0	346.4





#73

Isopropylbenzene

Concen: 47.854 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1127178

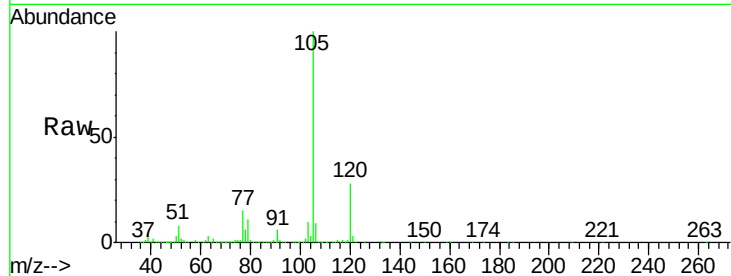
Ion Ratio Lower Upper

105 100

120 28.1 13.6 40.7

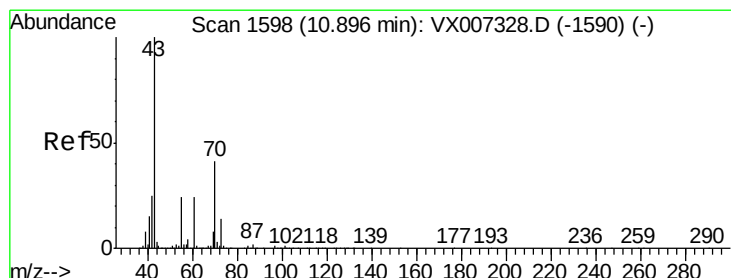
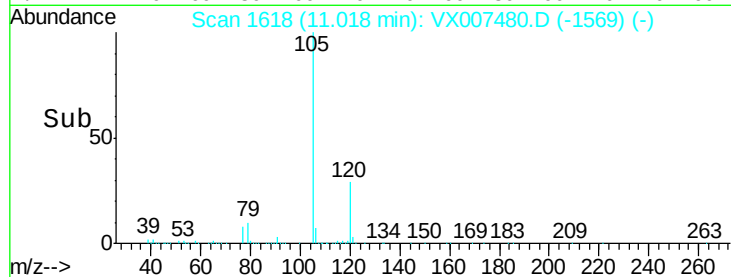
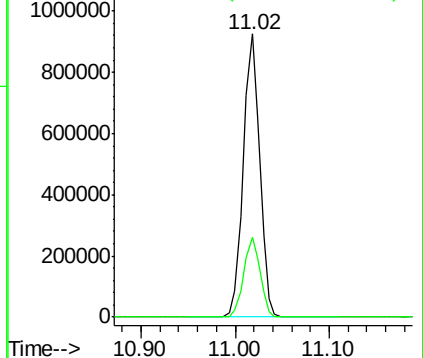
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.202 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion: 43 Resp: 466481

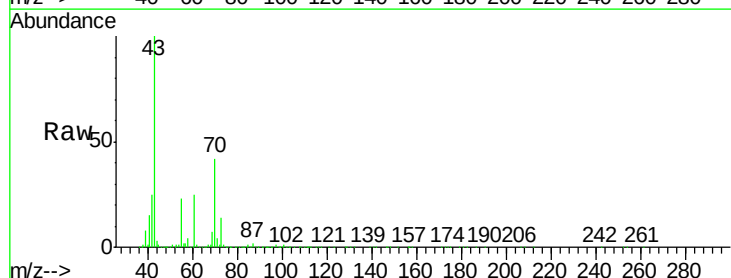
Ion Ratio Lower Upper

43 100

70 42.9 33.8 50.6

55 23.8 19.5 29.3

61 24.5 19.4 29.2

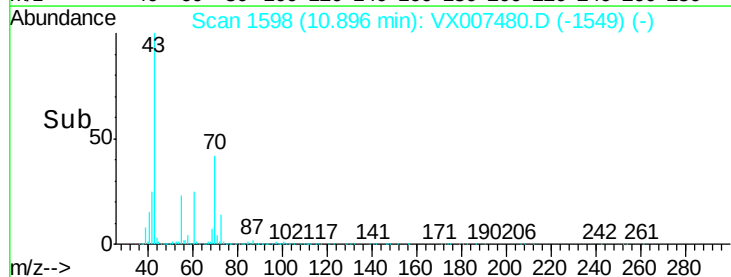
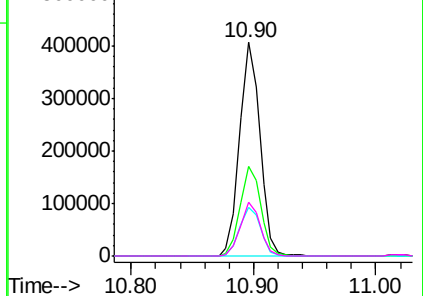


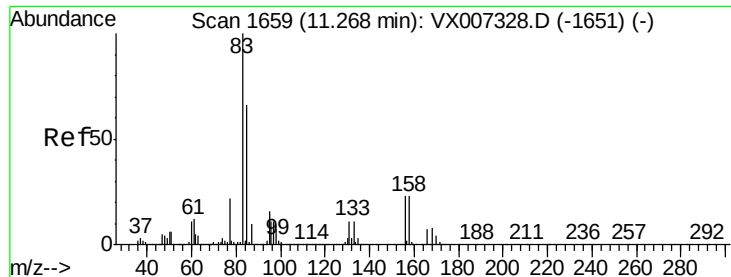
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.795 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

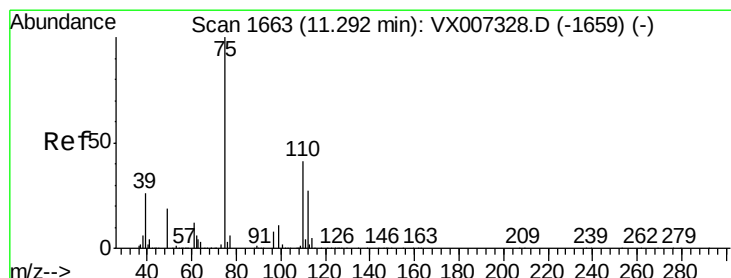
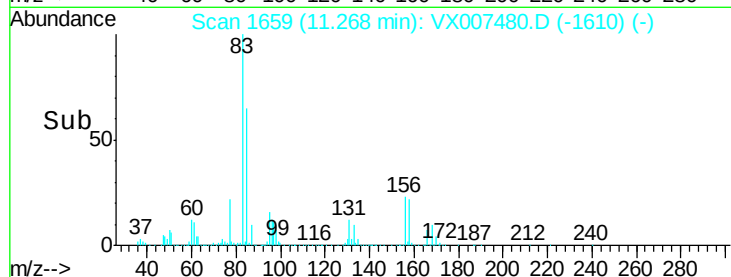
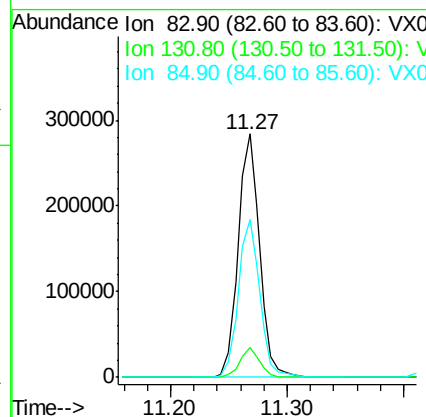
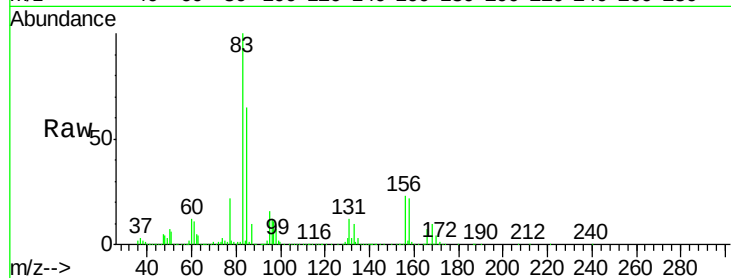
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	364633
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.0
85	65.0	32.8	98.3

Manual Integrations
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2/12/2019 12:16:03 PM



#76

1,2,3-Trichloropropane

Concen: 50.580 ug/l m

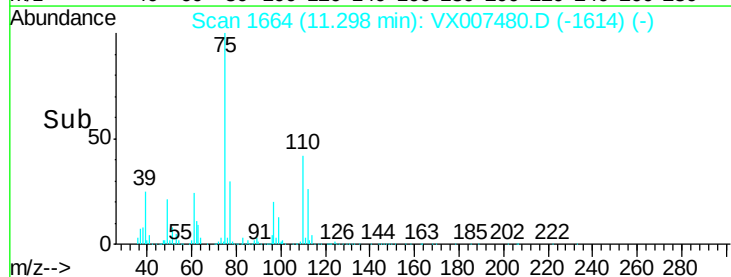
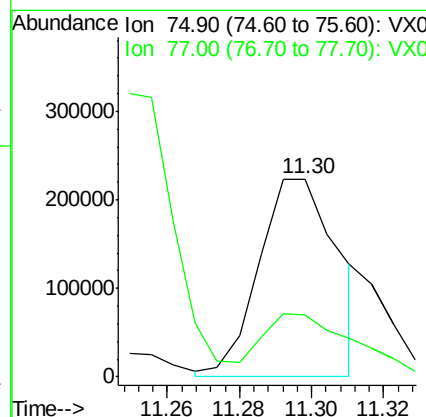
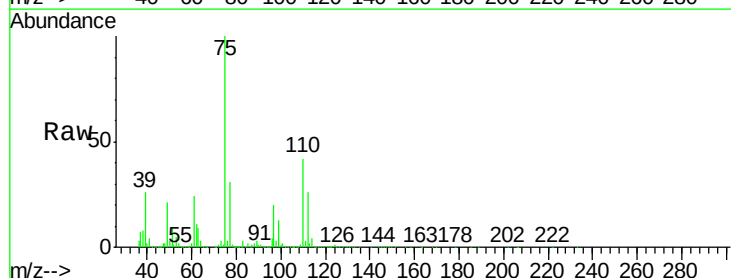
RT: 11.30 min Scan# 1664

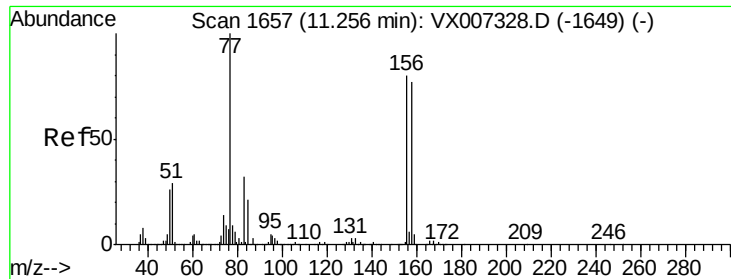
Delta R.T. 0.01 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion:	75	Resp:	341014
Ion Ratio	Lower	Upper	
75	100		
77	36.8	23.0	69.0





#77

Bromobenzene

Concen: 46.437 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

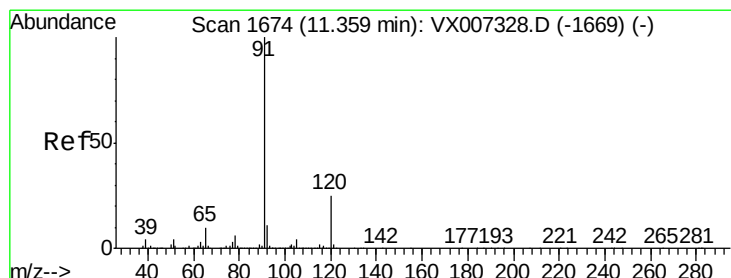
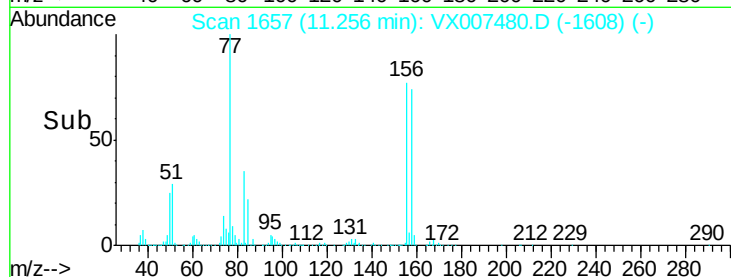
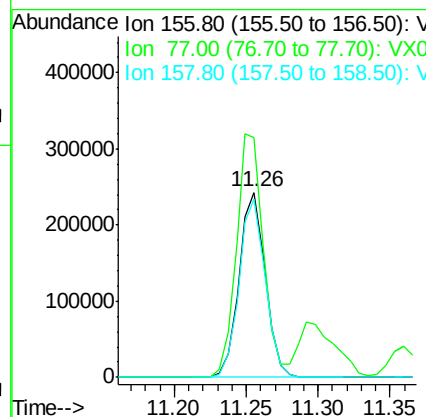
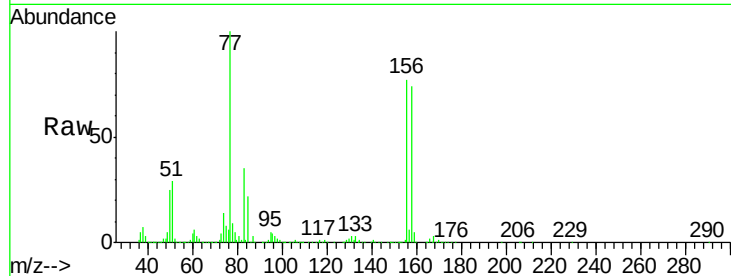
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.4	66.8	200.6
158	96.2	47.9	143.8

Manual Integrations
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2/12/2019 12:16:03 PM



#78

n-propylbenzene

Concen: 48.661 ug/l

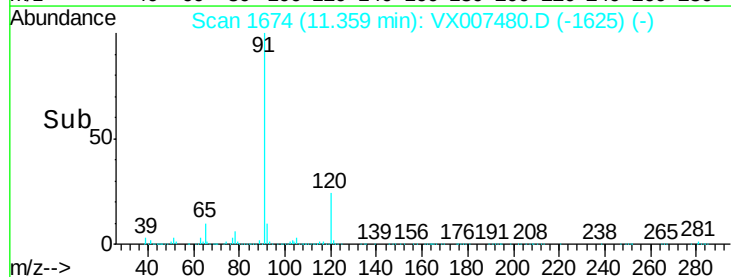
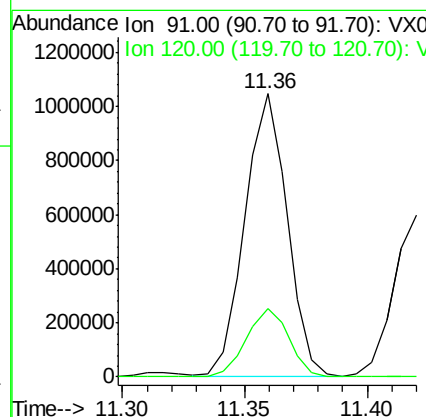
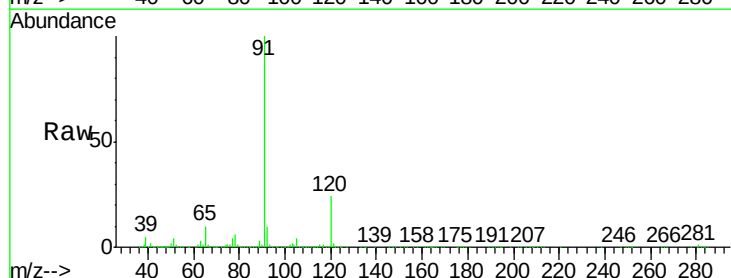
RT: 11.36 min Scan# 1674

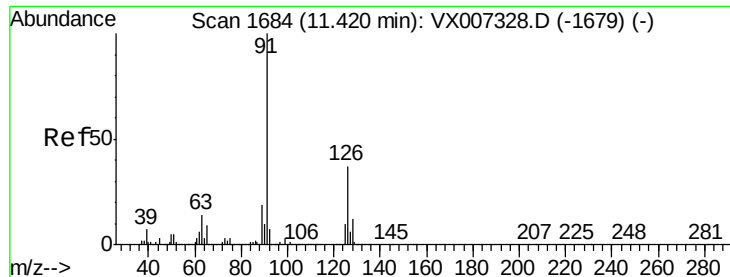
Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.4	37.2





#79

2-Chlorotoluene

Concen: 47.088 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 737978

Ion Ratio Lower Upper

91 100

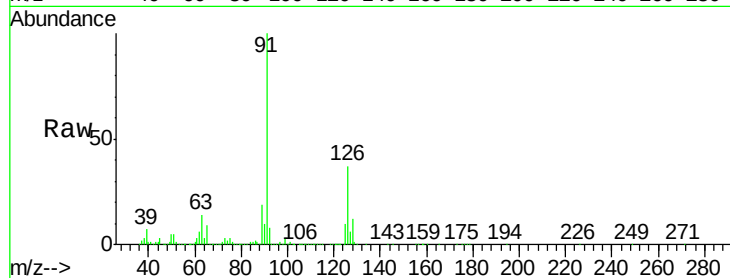
126 37.1 18.7 56.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX007480.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX007480.D (-1635) (-)

1200000

1000000

800000

600000

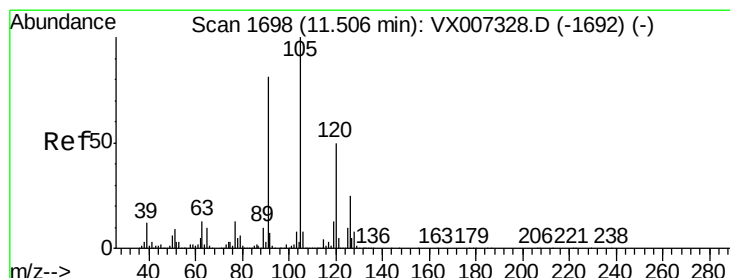
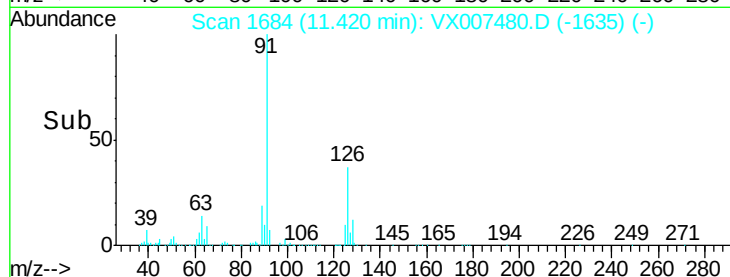
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.561 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007480.D

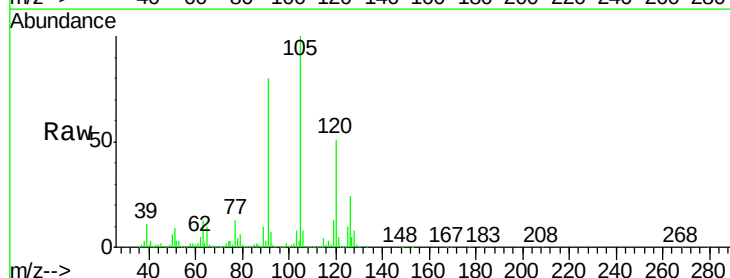
Acq: 11 Feb 2019 20:39

Tgt Ion: 105 Resp: 916518

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007480.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX007480.D (-1649) (-)

800000

600000

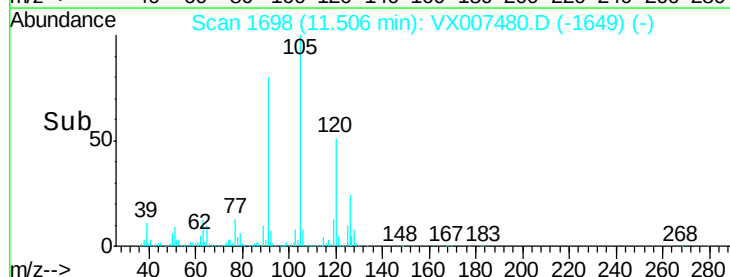
400000

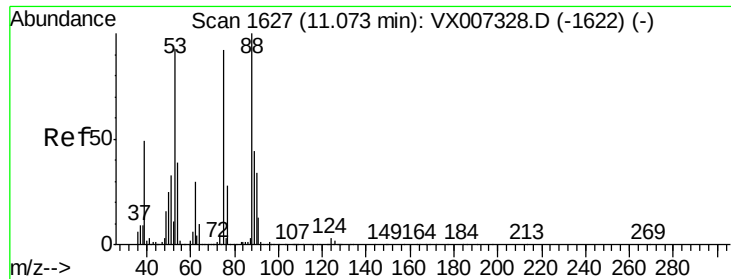
200000

0

11.45 11.50 11.55

Time-->





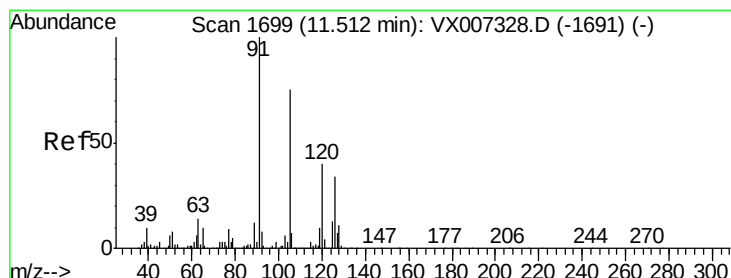
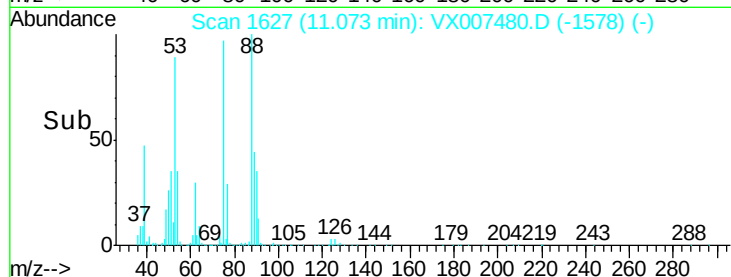
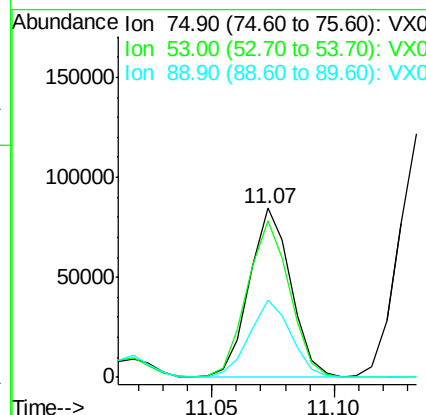
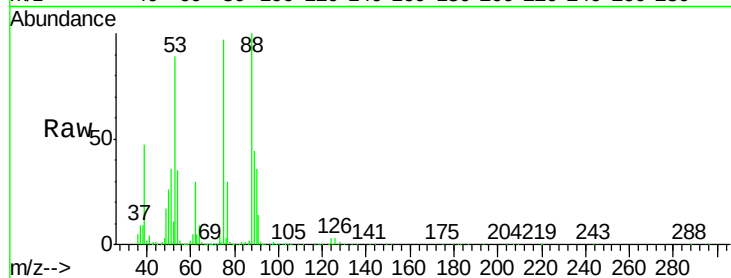
#81
trans-1,4-Dichloro-2-butene
Concen: 45.993 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	81.0	121.6
89	46.6	41.4	62.0

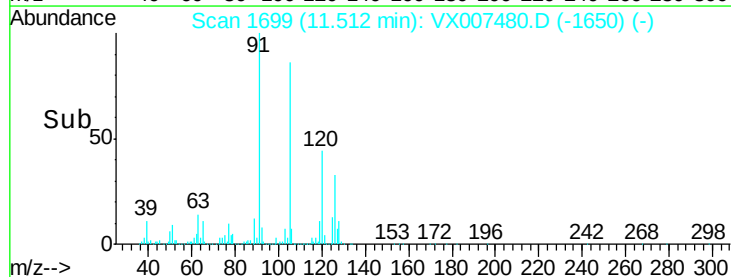
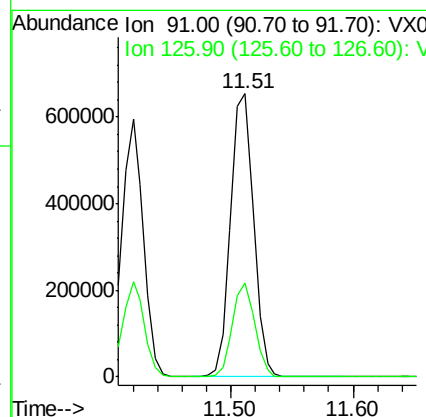
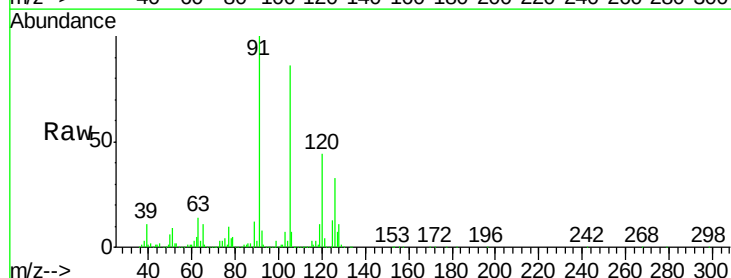
Manual Integrations
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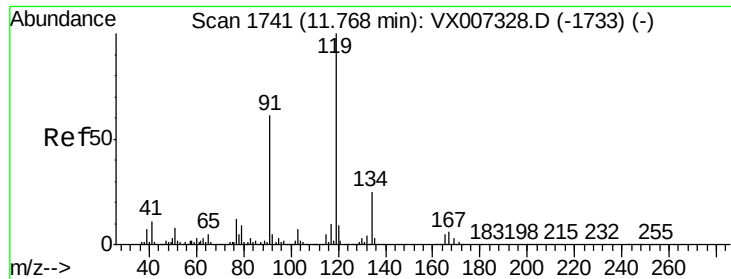
MMDadoda
2/12/2019 12:16:03 PM



#82
4-Chlorotoluene
Concen: 46.848 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.5





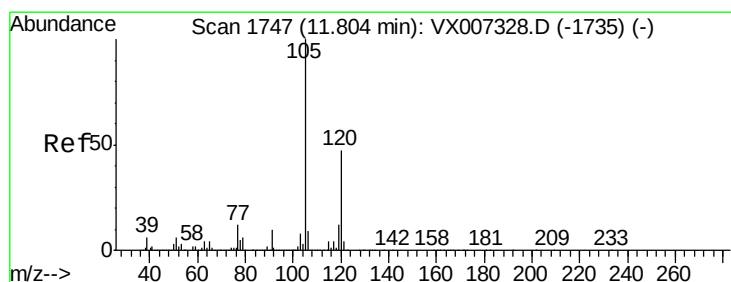
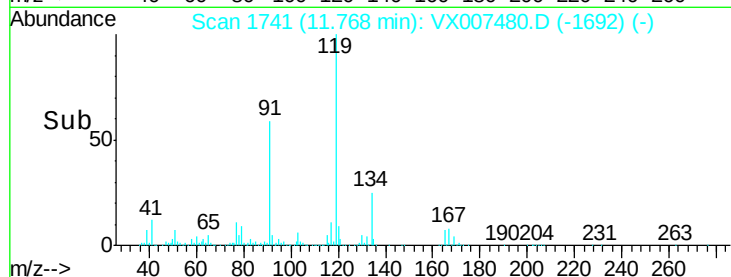
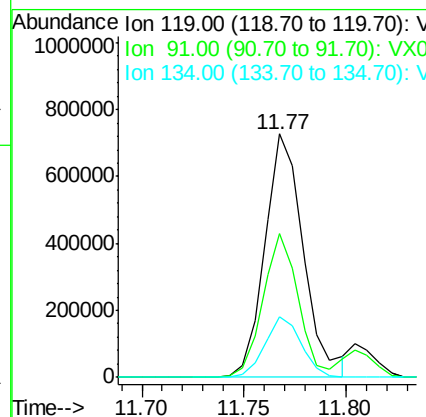
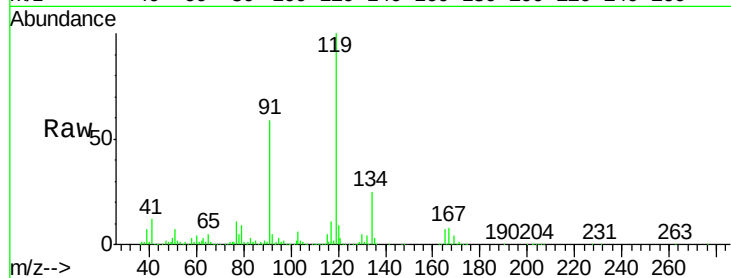
#83
 tert-Butylbenzene
 Concen: 50.360 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	960817		
91	54.1	28.5	85.6	
134	23.5	12.0	36.0	

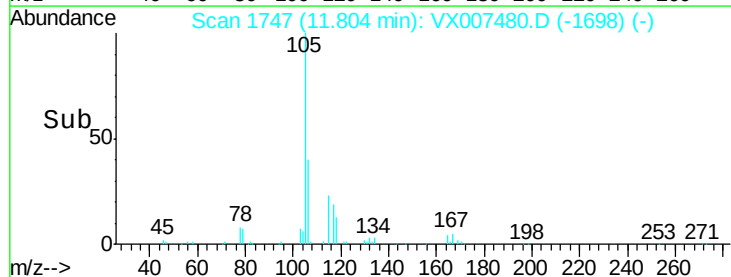
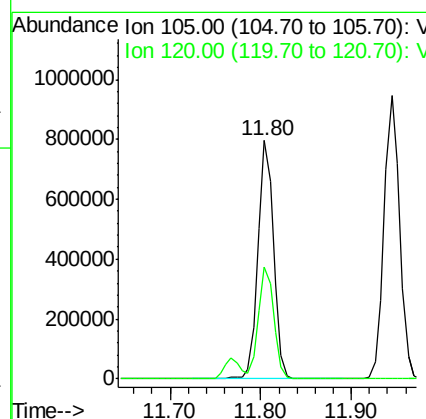
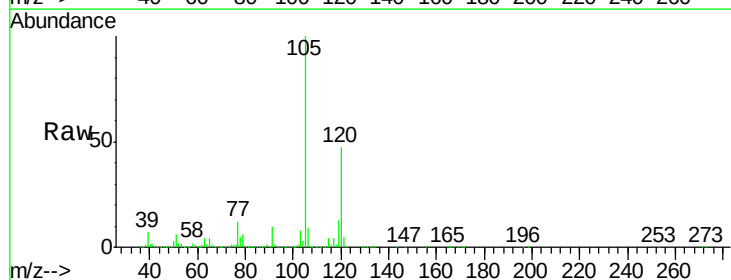
Manual Integrations
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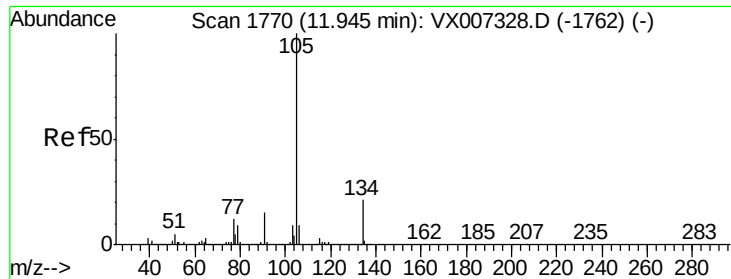
MMDadoda
 2/12/2019 12:16:03 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.519 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	949217		
120	46.1	23.1	69.3	





#85

sec-Butylbenzene

Concen: 48.791 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 1126644

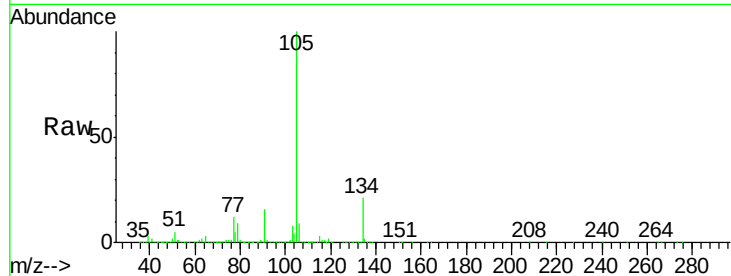
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

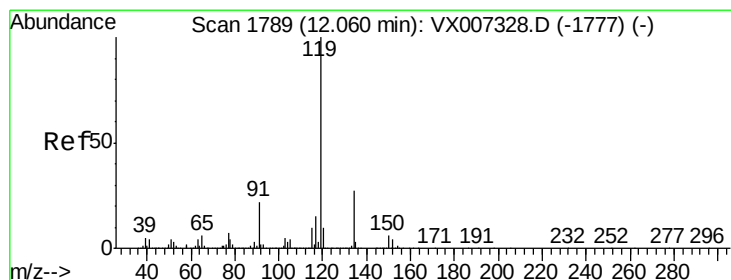
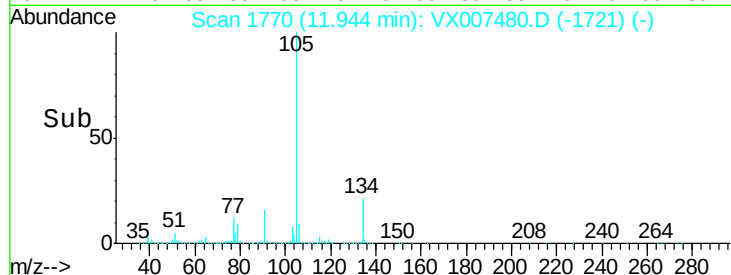
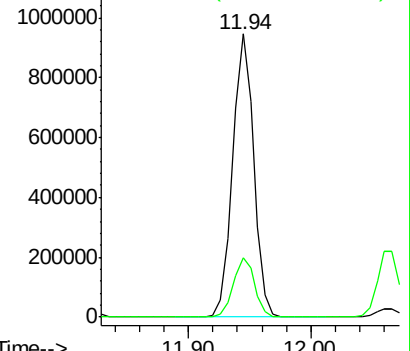
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.635 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007480.D

Acq: 11 Feb 2019 20:39

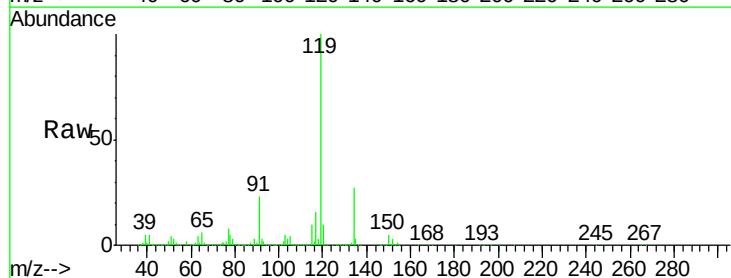
Tgt Ion:119 Resp: 992936

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

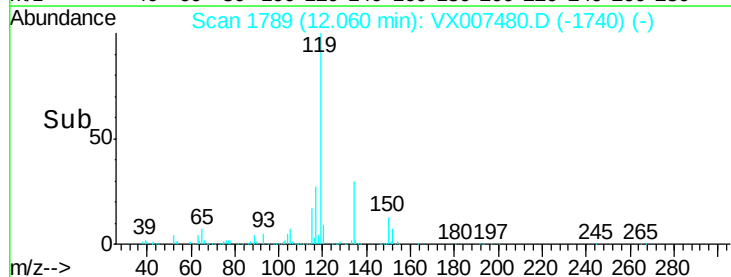
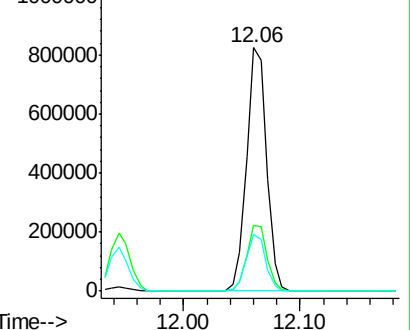
91 22.8 11.2 33.5

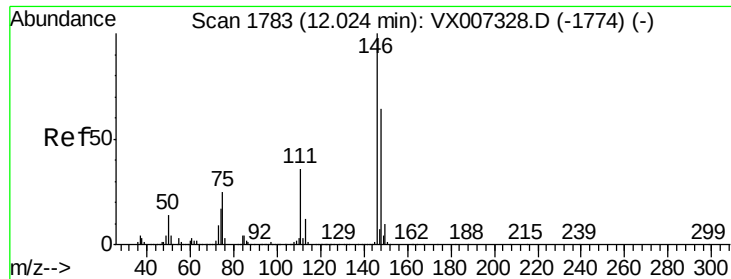


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





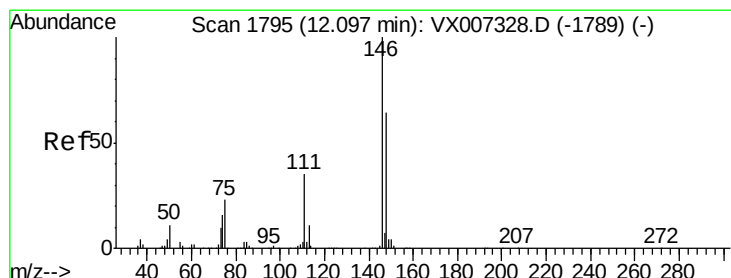
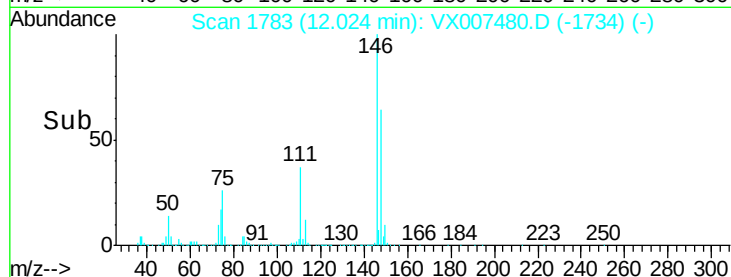
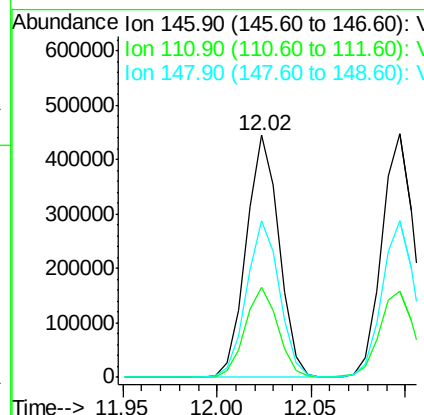
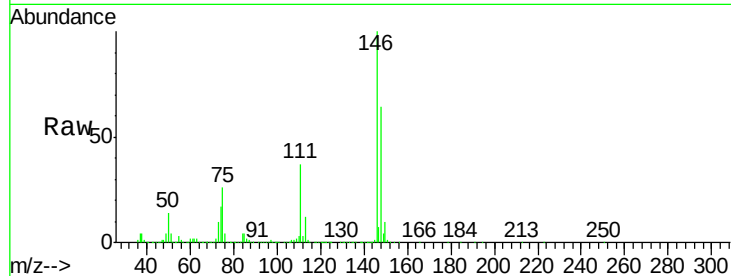
#87
 1,3-Dichlorobenzene
 Concen: 45.140 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.6	32.0	96.2

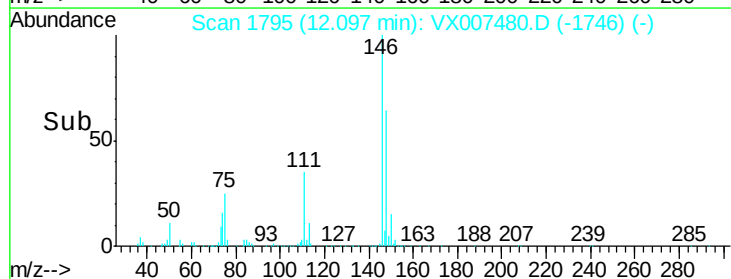
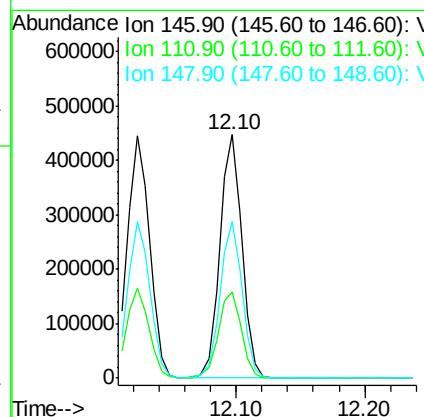
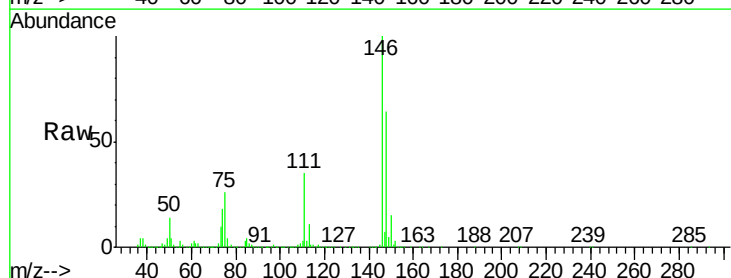
Manual Integrations
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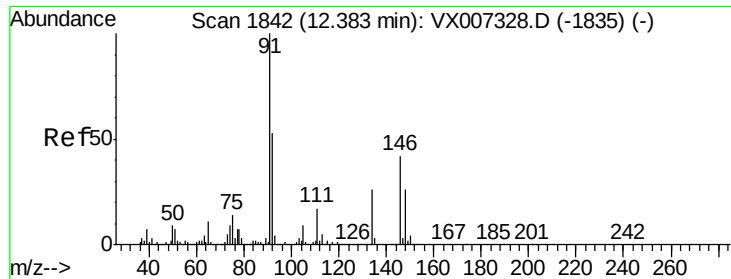
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#88
 1,4-Dichlorobenzene
 Concen: 44.562 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.6	32.3	96.9





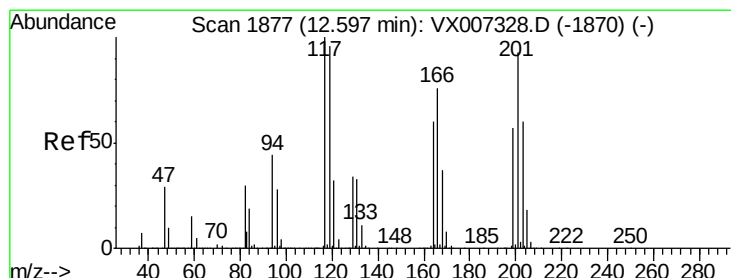
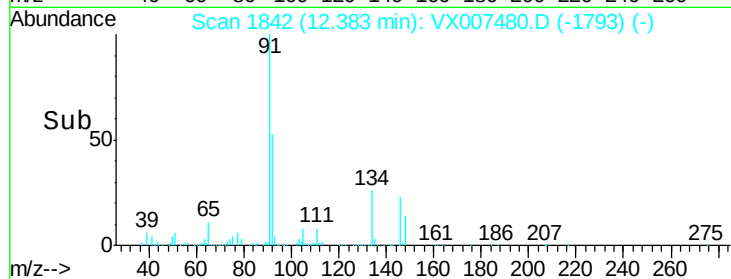
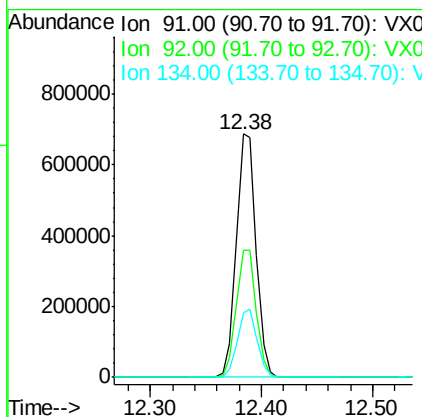
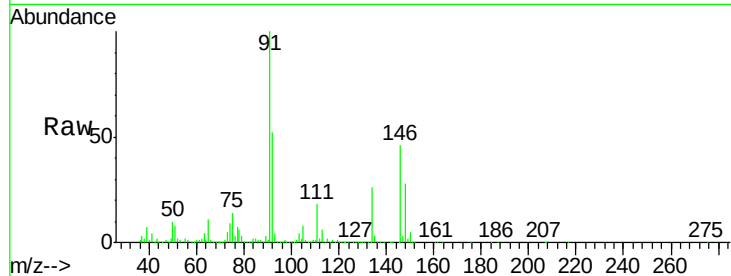
#89
n-Butylbenzene
Concen: 46.880 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.3	78.9
134	27.7	13.9	41.6

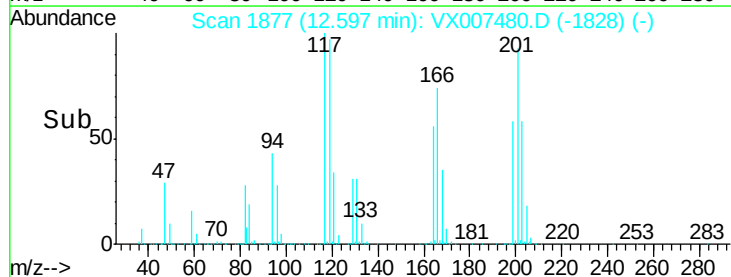
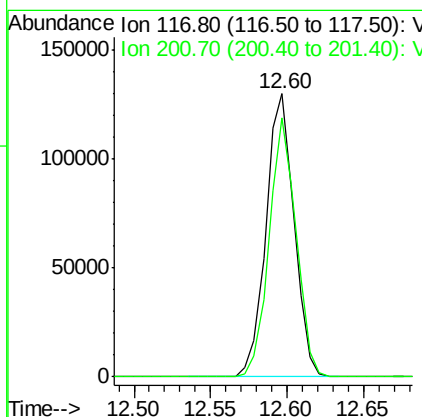
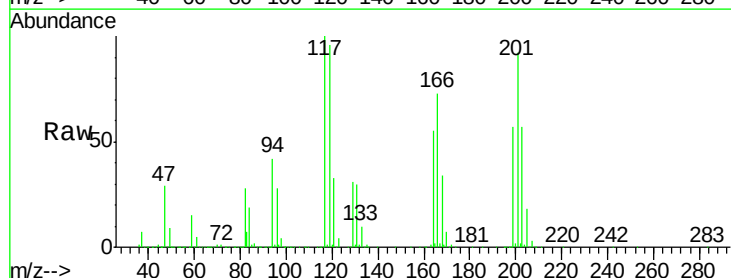
Manual Integrations
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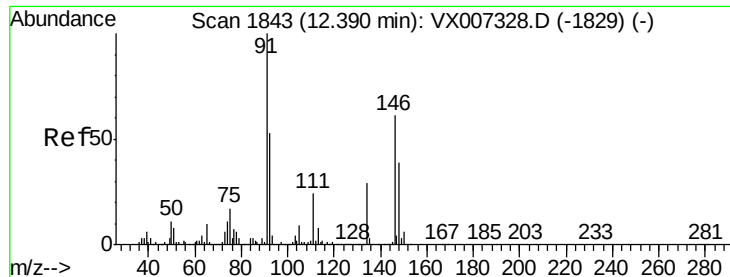
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#90
Hexachloroethane
Concen: 53.434 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.7	44.9	134.7





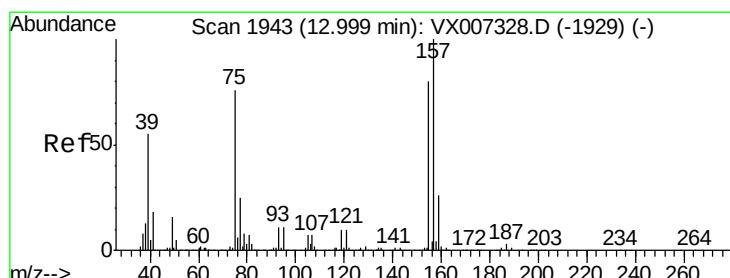
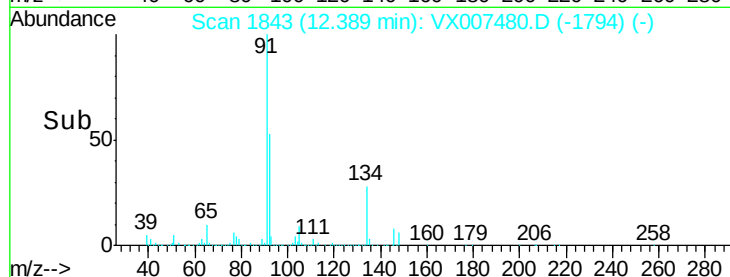
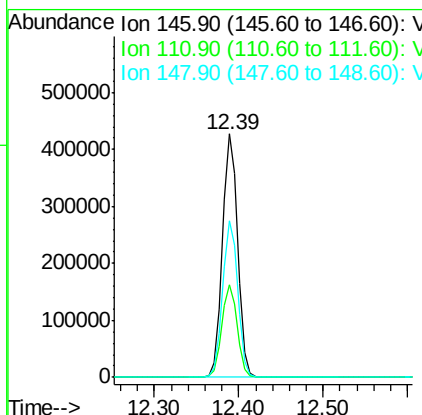
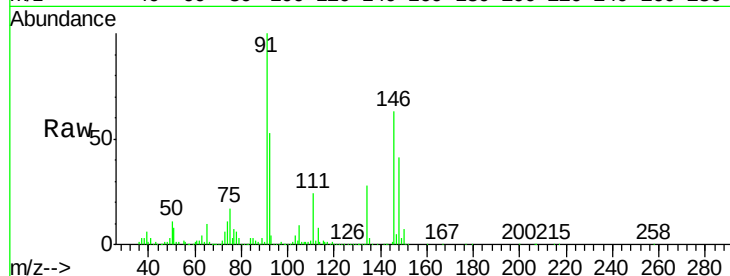
#91
 1,2-Dichlorobenzene
 Concen: 45.435 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	538555		
111	38.1	19.1	57.3	
148	64.2	32.1	96.3	

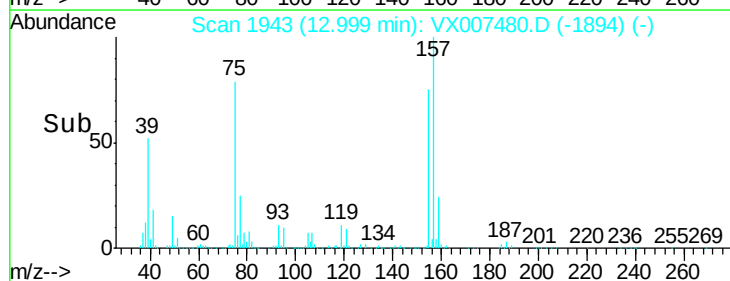
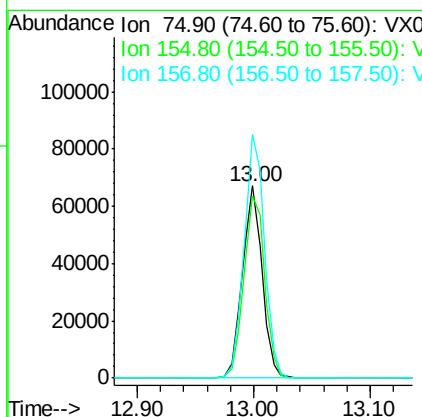
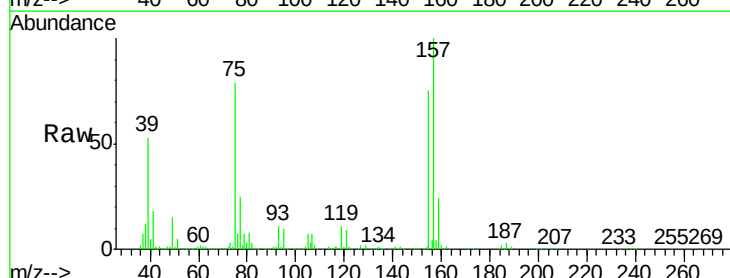
Manual Integrations
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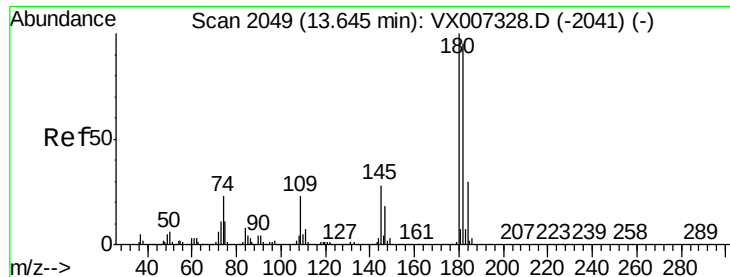
MMDadoda
 2/12/2019 12:16:03 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.483 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79830		
155	100.0	49.6	149.0	
157	130.4	65.1	195.3	





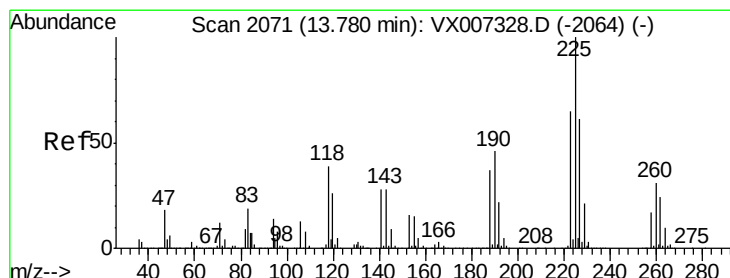
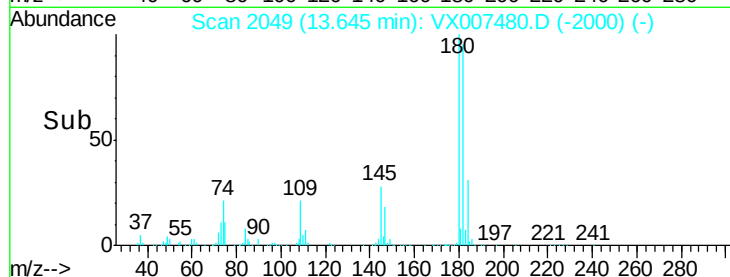
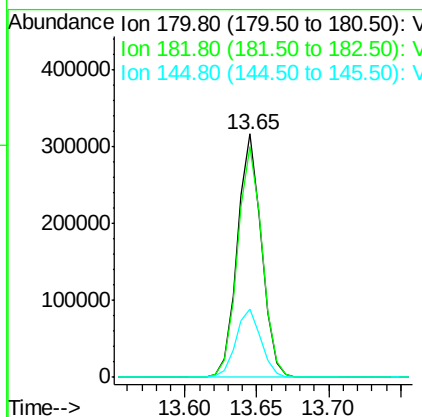
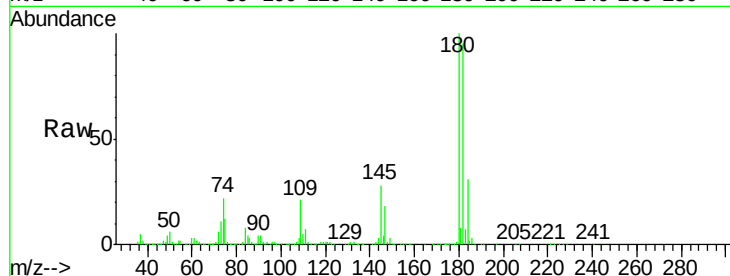
#93
 1,2,4-Trichlorobenzene
 Concen: 46.096 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	368473		
182	96.6	47.8	143.3	
145	29.1	14.1	42.2	

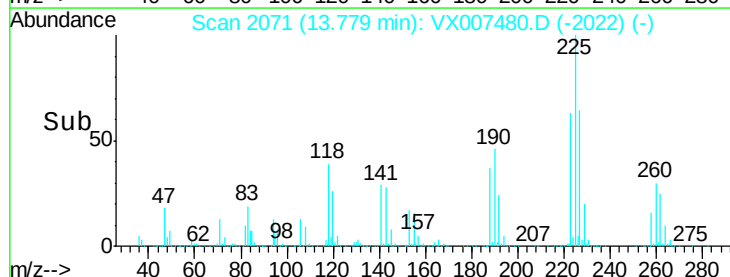
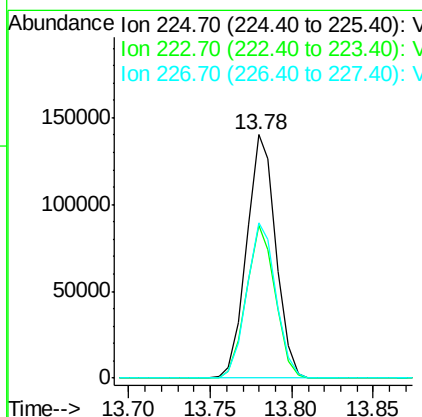
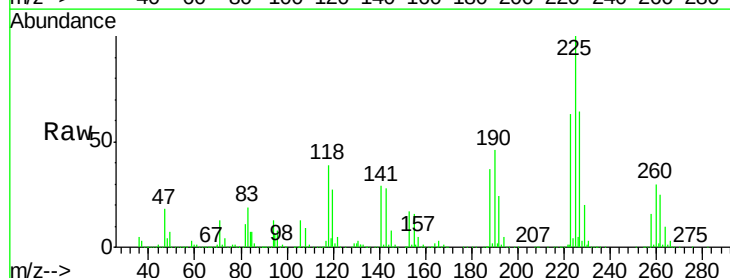
Manual Integrations
 APPROVED

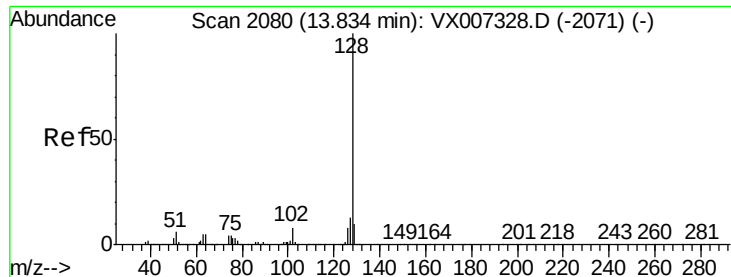
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 44.973 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007480.D
 Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	174563		
223	62.2	31.6	94.8	
227	64.0	32.1	96.3	





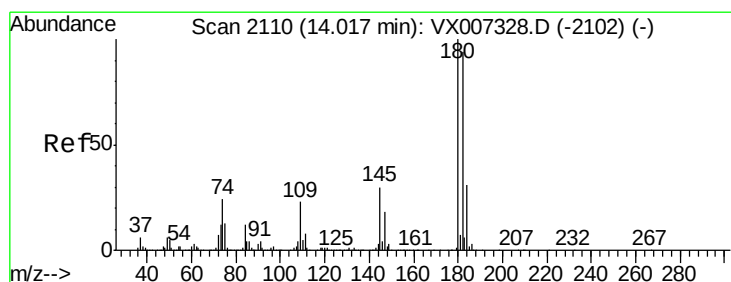
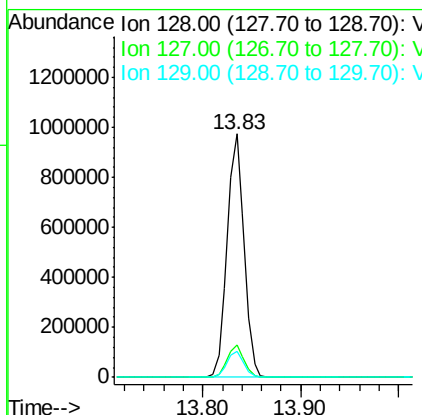
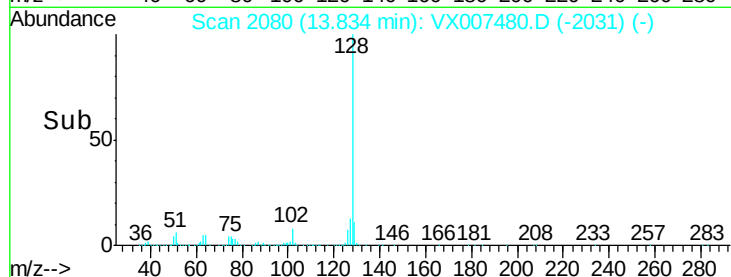
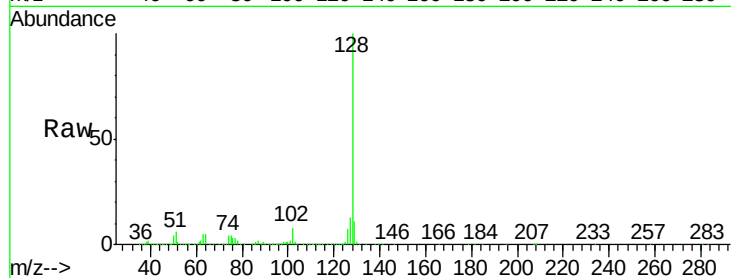
#95
Naphthalene
Concen: 50.118 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/12/2019 12:16:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.725 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007480.D
Acq: 11 Feb 2019 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.6
145	30.3	14.9	44.5

