

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007455.D
 Acq On : 08 Feb 2019 21:02
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:44:24 AM

Quant Time: Feb 09 00:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	80878	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	431740	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	388297	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	156404	29.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.20%
60) 4-Bromofluorobenzene	11.13	95	179299	29.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.73%
63) Toluene-d8	8.71	98	515483	29.45	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	63192	17.406	ug/l 97
3) Chloromethane	1.33	50	72552	17.876	ug/l 100
4) Vinyl Chloride	1.41	62	86036	18.680	ug/l 100
5) Bromomethane	1.64	94	84308	17.562	ug/l 99
6) Chloroethane	1.73	64	59555	19.187	ug/l 96
7) Trichlorofluoromethane	1.93	101	146855	18.886	ug/l 99
8) Diethyl Ether	2.19	74	56861	19.345	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85627	18.644	ug/l 99
10) 1,1-Dichloroethene	2.38	96	79168	18.966	ug/l 97
11) Methyl Iodide	2.51	142	98096	14.485	ug/l 96
12) Methyl Acetate	2.78	43	143705	20.215	ug/l 99
13) Acrolein	2.30	56	38190	74.204	ug/l 96
14) Acrylonitrile	3.15	53	260543	97.892	ug/l 99
15) Acetone	2.45	58	71450	94.447	ug/l 96
16) Carbon Disulfide	2.57	76	182881	18.169	ug/l 97
17) Allyl chloride	2.73	41	134168	18.486	ug/l 98
18) Methylene Chloride	2.86	84	92655	19.259	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	84748	18.749	ug/l 97
20) Diisopropyl ether	3.87	45	265279	19.633	ug/l 97
21) 1,1-Dichloroethane	3.70	63	146679	19.007	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	96882	19.490	ug/l 96
23) tert-Butyl Alcohol	3.07	59	111941	100.082	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	286735	19.611	ug/l 99
25) Chloroform	5.22	83	158586	19.882	ug/l 97
26) Cyclohexane	5.57	56	121001	18.617	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	111326	19.780	ug/l 98
30) 2-Butanone	4.70	43	336016	99.917	ug/l 98
31) 2,2-Dichloropropane	4.59	77	93201	16.391	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	131439	19.761	ug/l 99
33) Carbon Tetrachloride	5.78	117	113188	19.358	ug/l 94
34) Benzene	6.14	78	341514	19.672	ug/l 97
35) Methacrylonitrile	5.06	41	69848	20.348	ug/l 95
36) 1,2-Dichloroethane	6.20	62	115762	19.324	ug/l 99
37) Trichloroethene	7.21	130	102101	19.947	ug/l 96
38) Methylcyclohexane	7.46	83	132632	18.595	ug/l 97
39) 1,2-Dichloropropane	7.52	63	88322	20.287	ug/l 97
40) Dibromomethane	7.66	93	61923	19.745	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	106935	19.429	ug/l	96
42) Vinyl Acetate	3.82	43	1080241	94.740	ug/l	100
43) Ethyl Acetate	4.85	43	122704	19.554	ug/l	99
44) Isopropyl Acetate	6.46	43	192337	19.625	ug/l	100
45) 1,4-Dioxane	7.75	88	45152	380.185	ug/l	99
46) Methyl methacrylate	7.77	41	98463	19.649	ug/l	98
47) n-amyl Acetate	10.90	43	170233	19.754	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	109853	18.300	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	124620	18.687	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	94400	20.056	ug/l	92
51) Ethyl methacrylate	9.18	69	134758	20.036	ug/l	95
52) 1,3-Dichloropropane	9.37	76	153467	20.362	ug/l	97
53) Dibromochloromethane	9.59	129	92579	19.460	ug/l	98
54) 1,2-Dibromoethane	9.67	107	102508	20.230	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	355726	96.145	ug/l	99
56) Bromoform	10.85	173	68312	18.911	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	662402	102.018	ug/l	99
59) 2-Hexanone	9.49	43	504672	100.441	ug/l	99
61) Tetrachloroethene	9.34	164	107259	19.817	ug/l	96
62) Toluene	8.78	91	389656	19.936	ug/l	99
64) Chlorobenzene	10.14	112	258892	20.079	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	92974	20.358	ug/l	97
66) Ethyl Benzene	10.25	91	417852	19.732	ug/l	99
67) m/p-Xylenes	10.36	106	329134	39.357	ug/l	98
68) o-Xylene	10.69	106	160941	19.646	ug/l	99
69) Styrene	10.71	104	258766	19.579	ug/l	99
70) Isopropylbenzene	11.02	105	433158	19.972	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	141065	20.315	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	133801m	20.495	ug/l	
73) Bromobenzene	11.26	156	117638	19.597	ug/l	98
74) n-propylbenzene	11.36	91	476548	19.524	ug/l	99
75) 2-Chlorotoluene	11.42	91	289537	20.003	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	347717	19.210	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	33588	17.708	ug/l	97
78) 4-Chlorotoluene	11.51	91	323410	19.190	ug/l	99
79) tert-butylbenzene	12.06	119	379154	19.360	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	365103	19.920	ug/l	99
81) sec-Butylbenzene	11.94	105	423545	19.405	ug/l	99
82) p-Isopropyltoluene	12.06	119	379154	19.360	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	208390	19.529	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	209446	19.619	ug/l	99
85) n-Butylbenzene	12.38	91	304957	18.144	ug/l	99
86) Hexachloroethane	12.60	117	56209	18.563	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	211760	19.930	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	26491	18.717	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	138108	18.934	ug/l	99
90) Hexachlorobutadiene	13.78	225	66834	19.211	ug/l	98
91) Naphthalene	13.83	128	435898	19.742	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	141885	19.617	ug/l	99

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VSTDCCC020EC

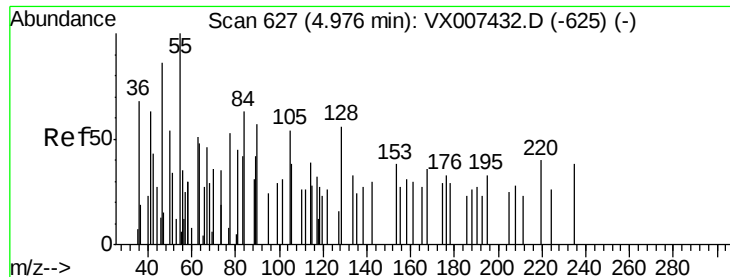
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:128 Resp: 80878

Ion Ratio Lower Upper

128 100

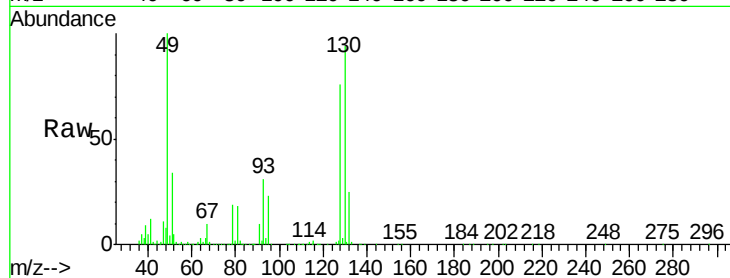
49 134.3 0.0 345.5

130 127.5 0.0 320.0

Manual Integrations
APPROVED

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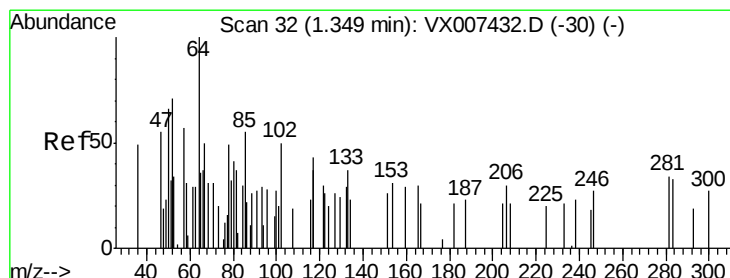
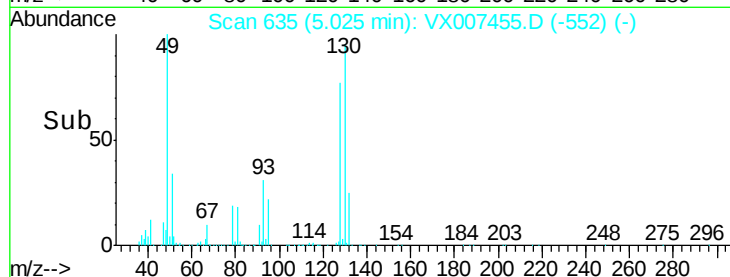
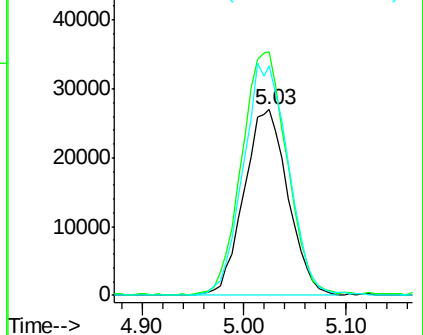
2/11/2019 9:44:24 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.406 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007455.D

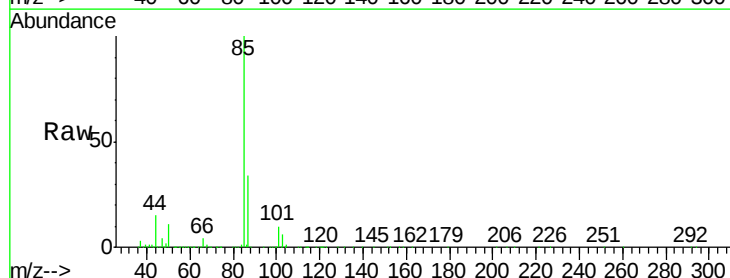
Acq: 08 Feb 2019 21:02

Tgt Ion: 85 Resp: 63192

Ion Ratio Lower Upper

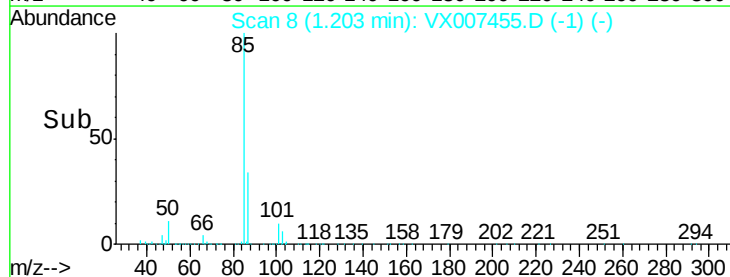
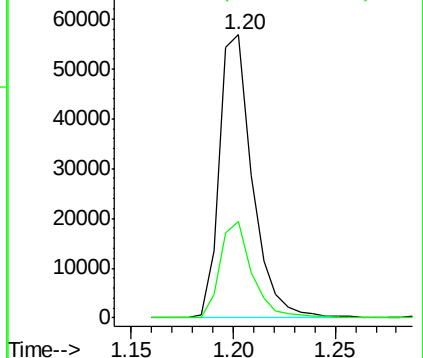
85 100

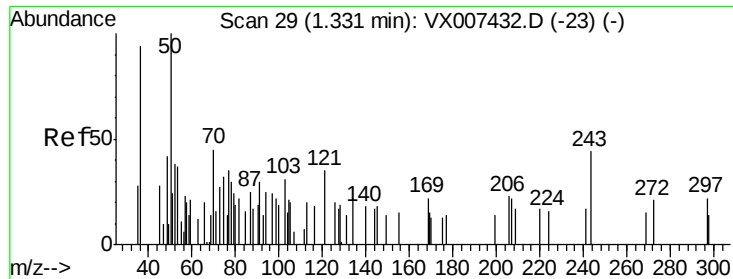
87 34.2 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.876 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tot Ion: 50 Resp: 72552

Ion Ratio Lower Upper

50 100

52 32.2 25.7 38.5

Instrument :

MSVOA_X

ClientSampleId :

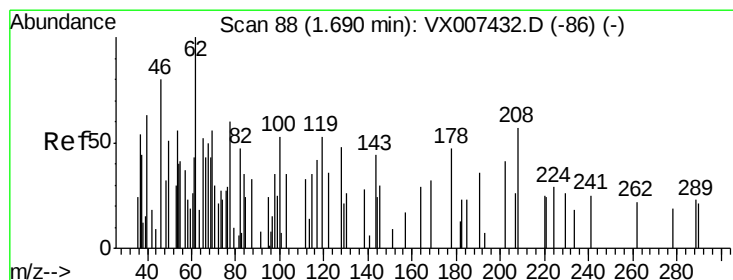
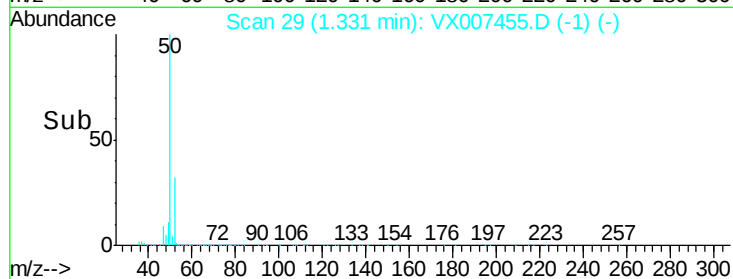
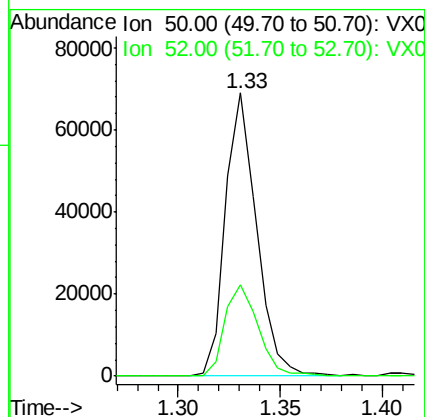
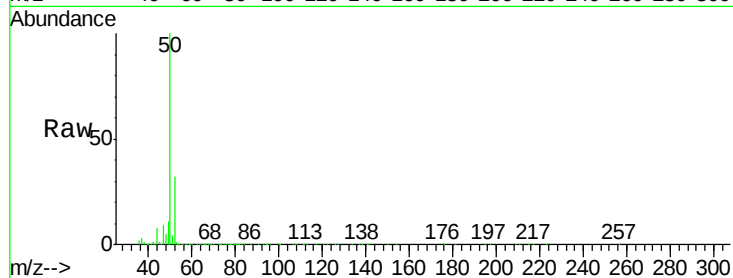
VSTDCCC020EC

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.680 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007455.D

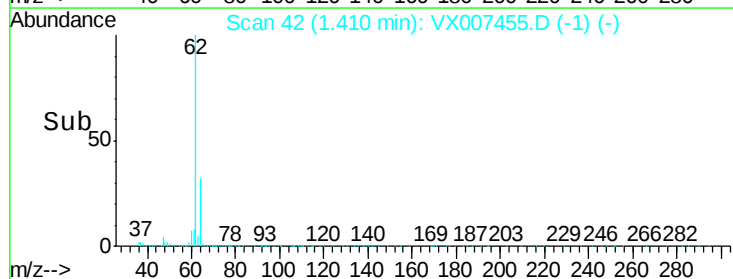
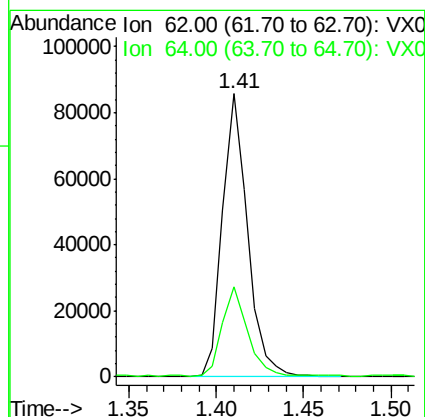
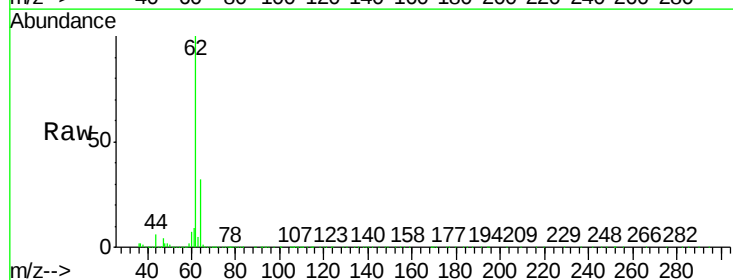
Acq: 08 Feb 2019 21:02

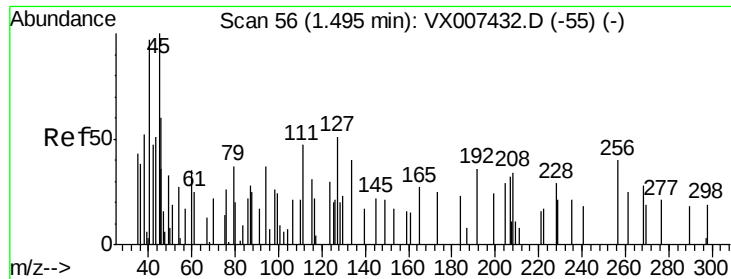
Tgt Ion: 62 Resp: 86036

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 17.562 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tot Ion: 94 Resp: 84308

Ion Ratio Lower Upper

94 100

96 96.1 77.4 116.2

Instrument :

MSVOA_X

ClientSampleId :

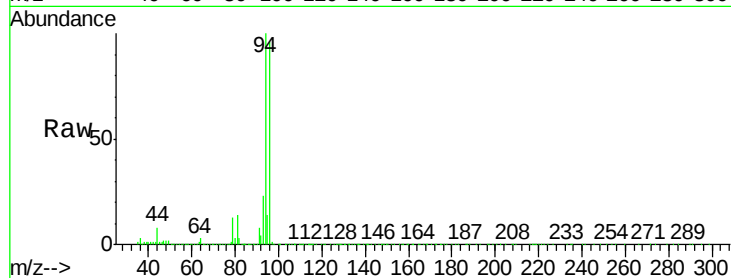
VSTDCCC020EC

Manual Integrations

APPROVED

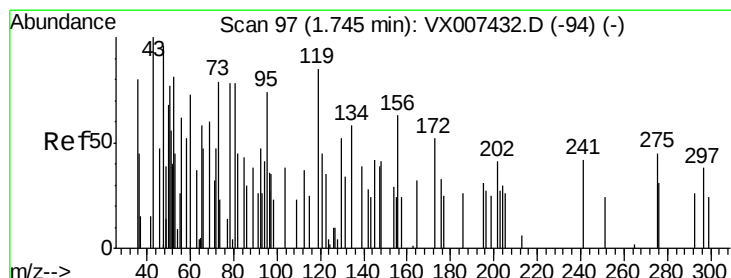
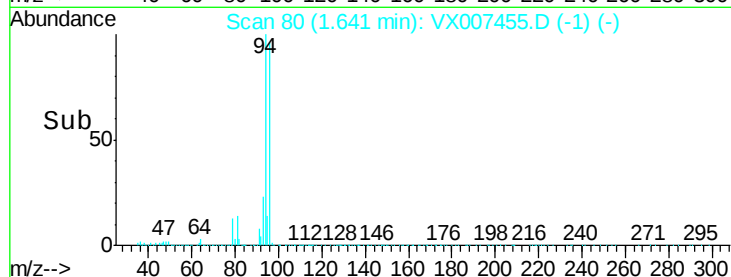
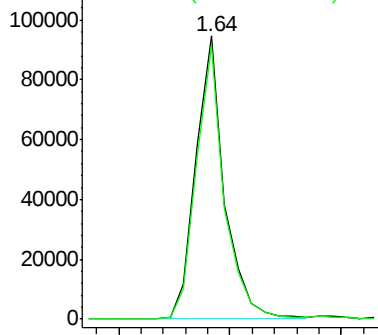
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.187 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007455.D

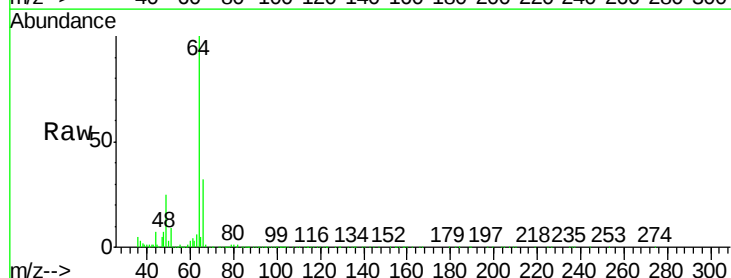
Acq: 08 Feb 2019 21:02

Tgt Ion: 64 Resp: 59555

Ion Ratio Lower Upper

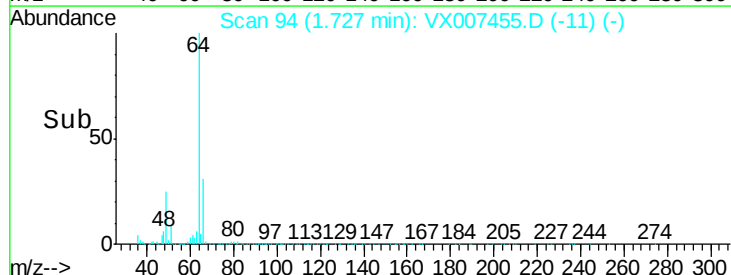
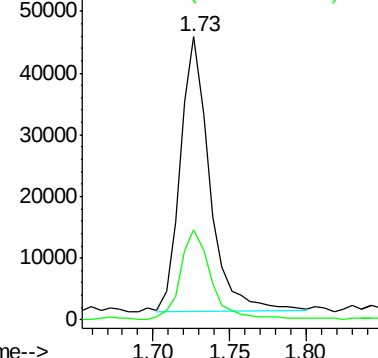
64 100

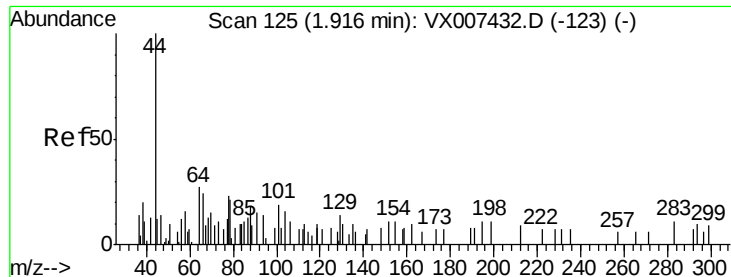
66 32.6 24.2 36.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

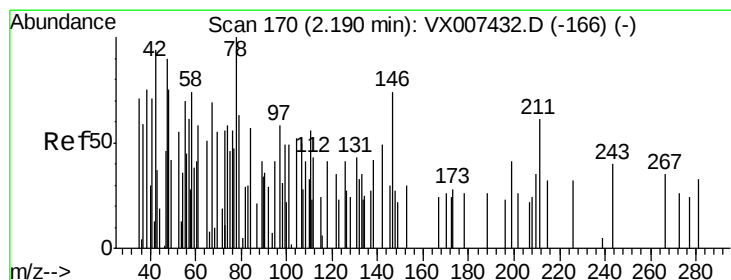
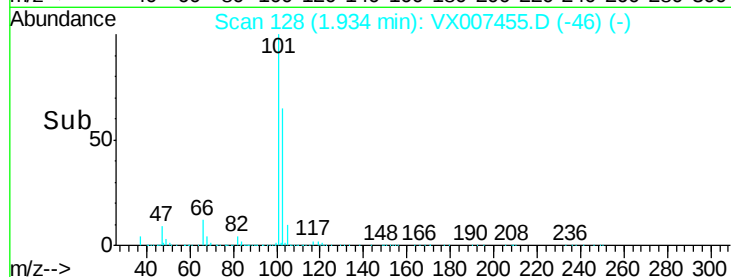
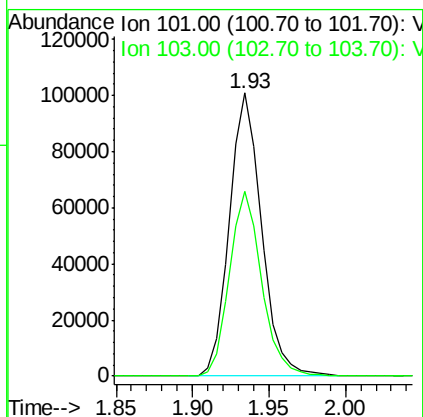
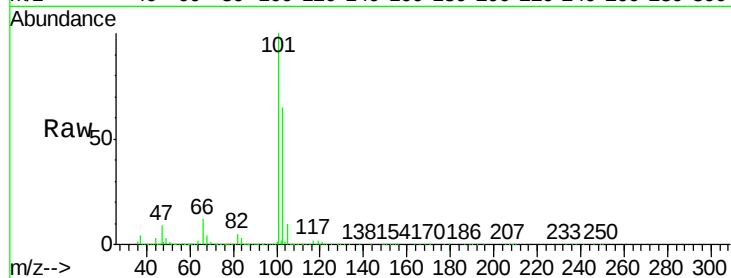
Trichlorofluoromethane
Concen: 18.886 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.6	78.8

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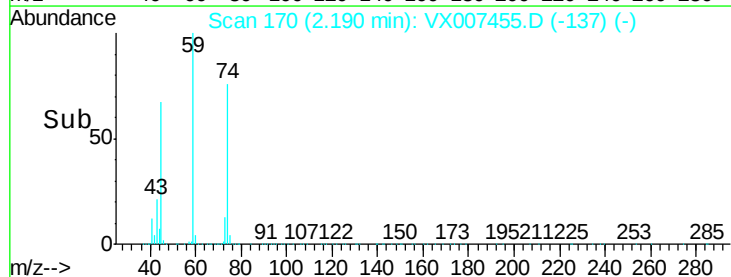
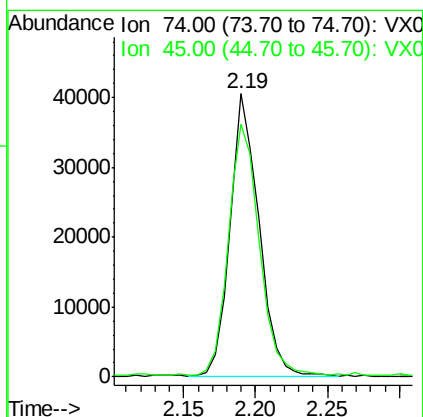
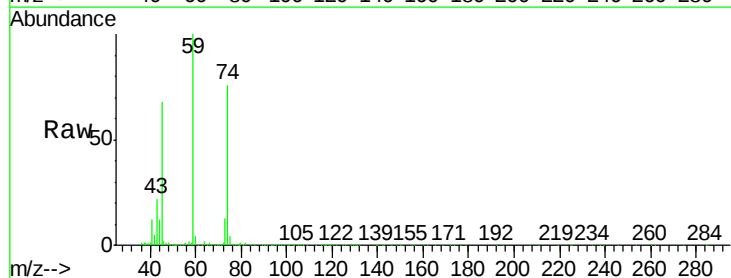
MMDadoda
2/11/2019 9:44:24 AM

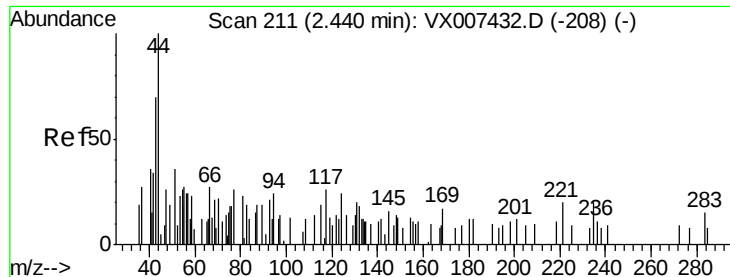


#8

Diethyl Ether
Concen: 19.345 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.644 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

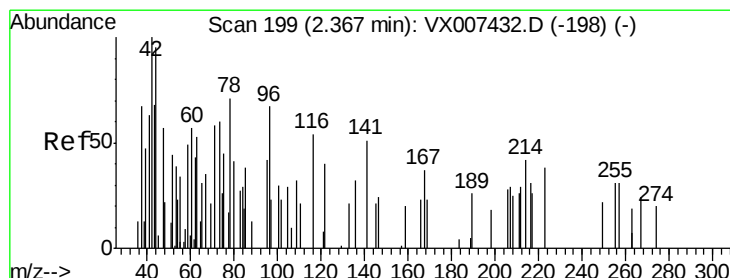
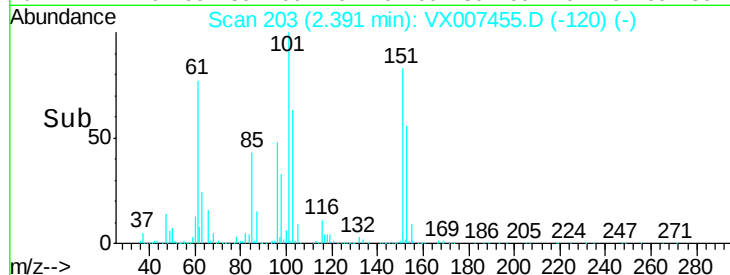
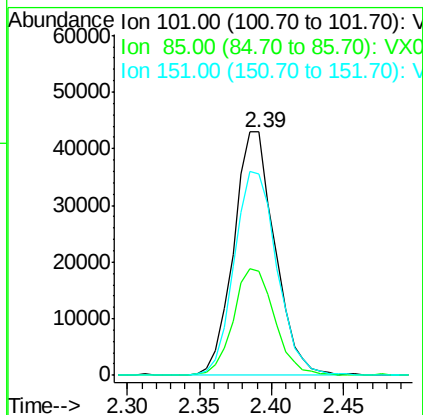
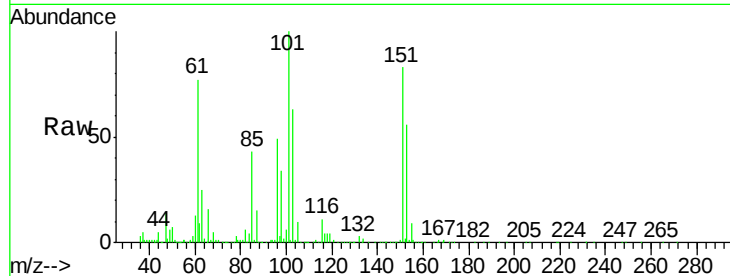
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	85627
Ion Ratio	Lower	Upper	
101	100		
85	43.9	0.0	87.4
151	86.8	0.0	176.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.966 ug/l

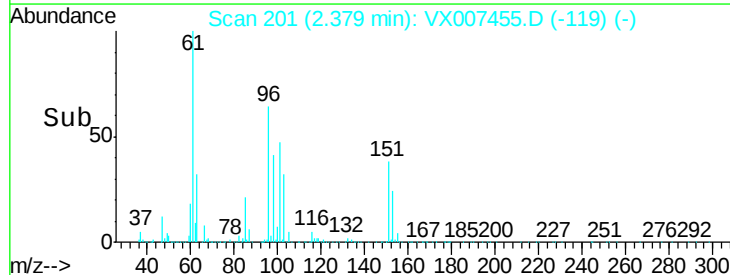
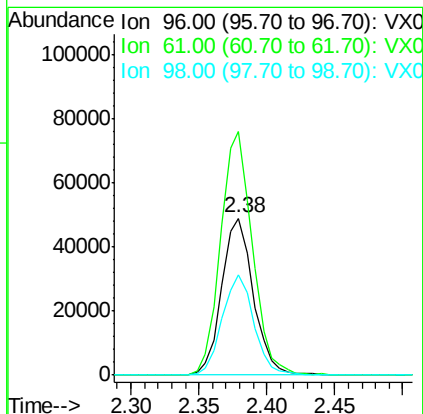
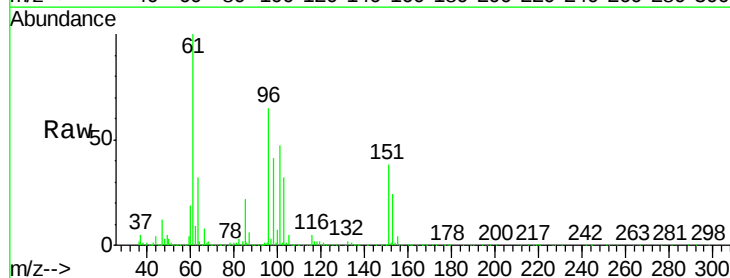
RT: 2.38 min Scan# 201

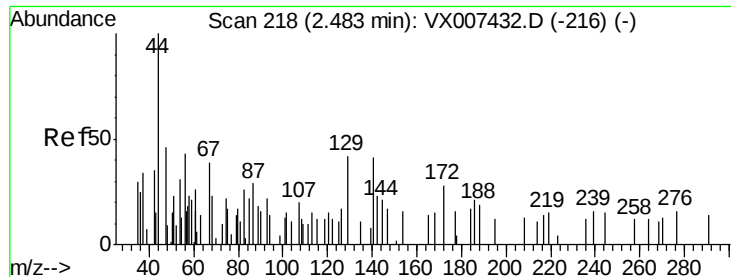
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion:	96	Resp:	79168
Ion Ratio	Lower	Upper	
96	100		
61	154.8	119.6	179.4
98	64.0	50.9	76.3





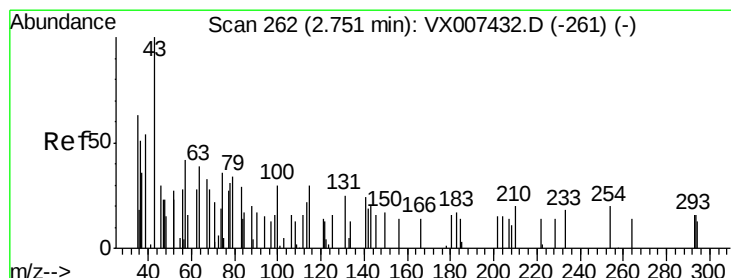
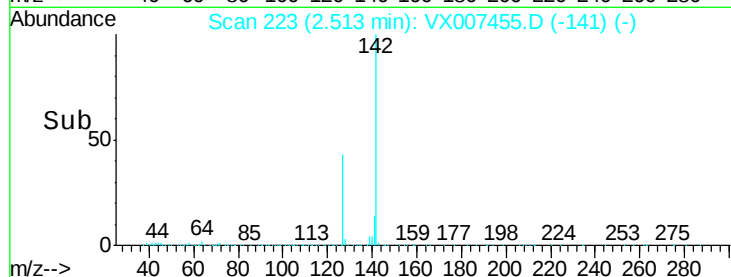
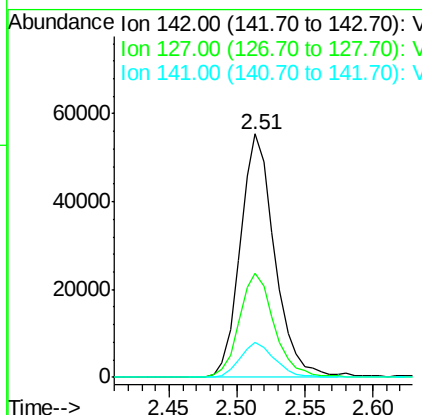
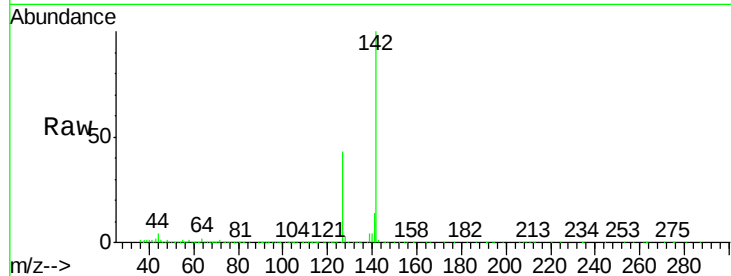
#11
Methvl Iodide
Concen: 14.485 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.6	20.0	59.9
141	14.1	6.3	19.1

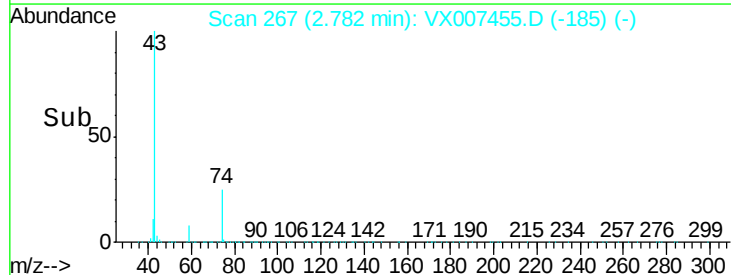
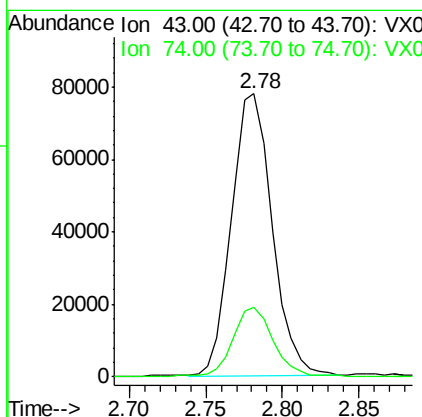
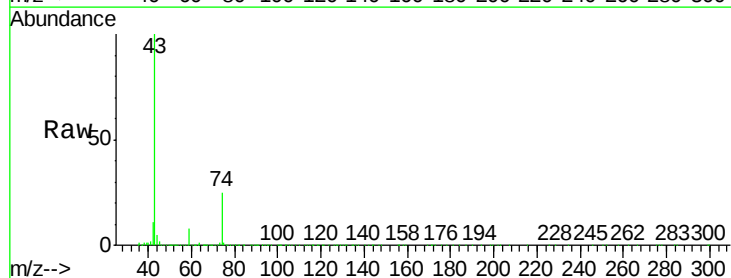
Manual Integrations
APPROVED

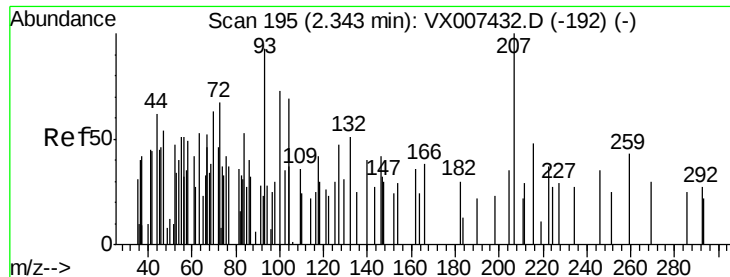
MMDadoda
2/11/2019 9:44:24 AM



#12
Methyl Acetate
Concen: 20.215 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.8	29.8





#13

Acrolein

Concen: 74.204 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 38190

Ion Ratio Lower Upper

56 100

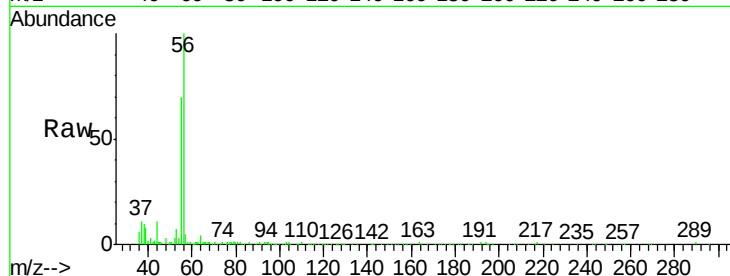
55 69.5 58.6 87.8

Manual Integrations

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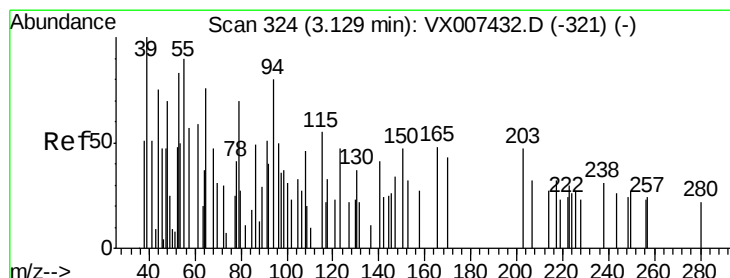
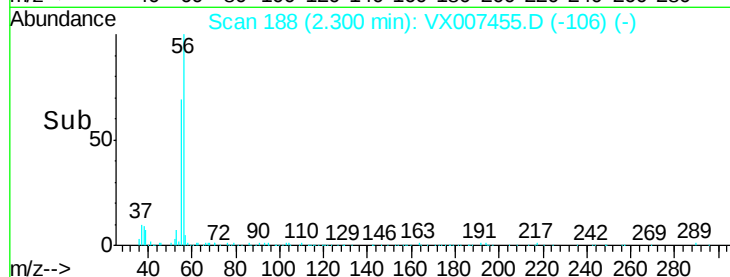
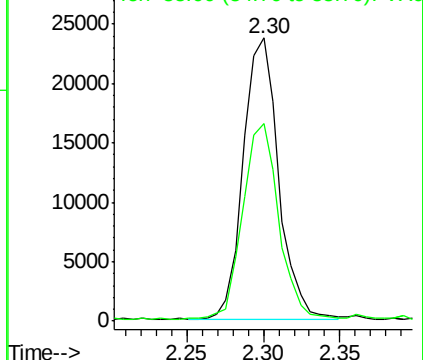
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 97.892 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

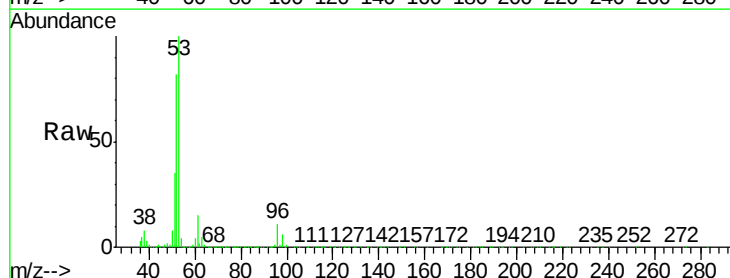
Tgt Ion: 53 Resp: 260543

Ion Ratio Lower Upper

53 100

52 81.1 41.3 124.1

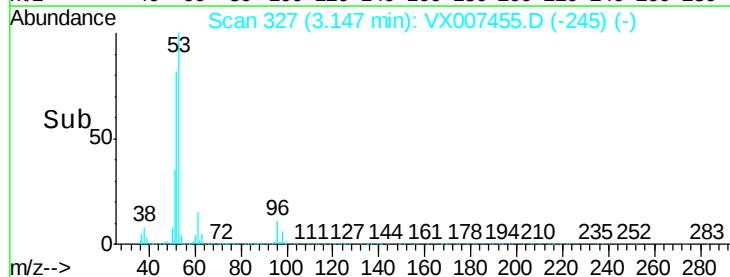
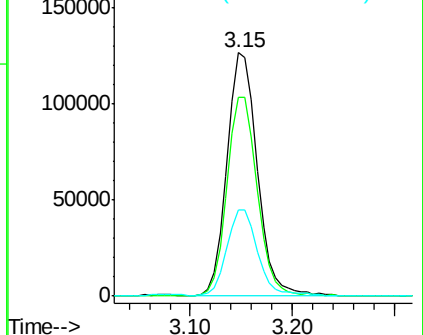
51 36.3 17.9 53.8

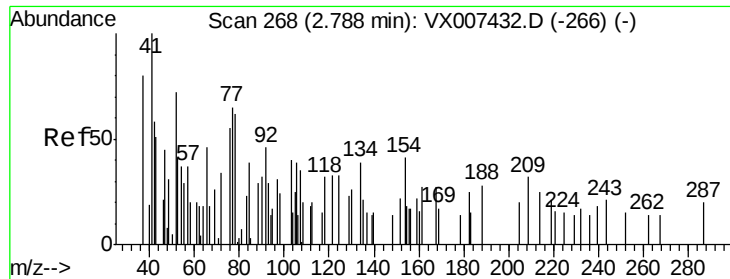


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 94.447 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 71450

Ion Ratio Lower Upper

58 100

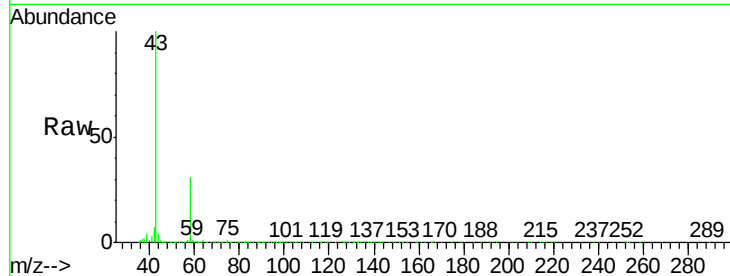
43 324.0 265.9 398.9

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

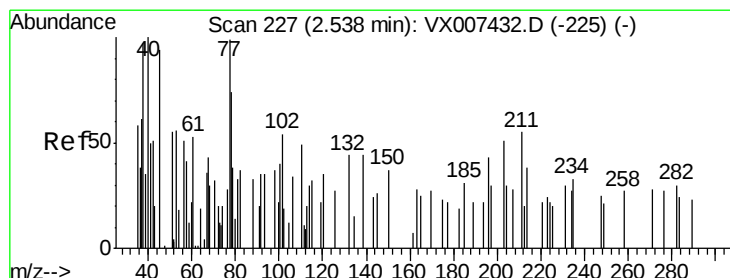
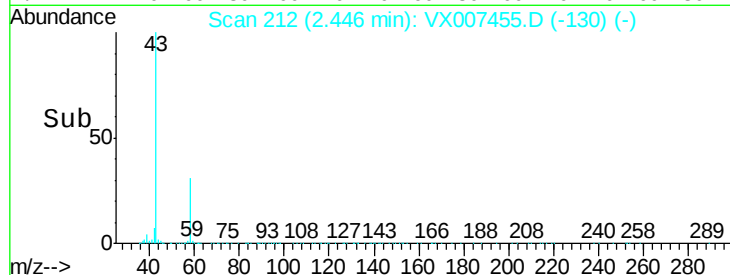
100000

50000

0

2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 18.169 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007455.D

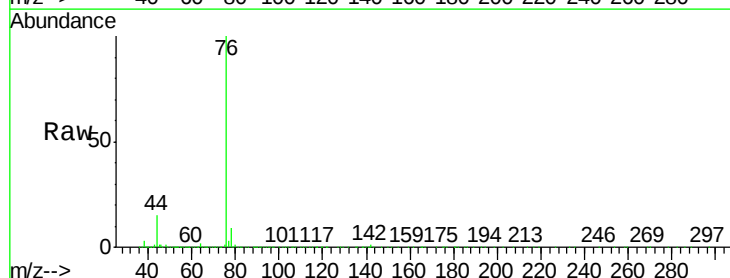
Acq: 08 Feb 2019 21:02

Tgt Ion: 76 Resp: 182881

Ion Ratio Lower Upper

76 100

78 8.5 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

120000

100000

80000

60000

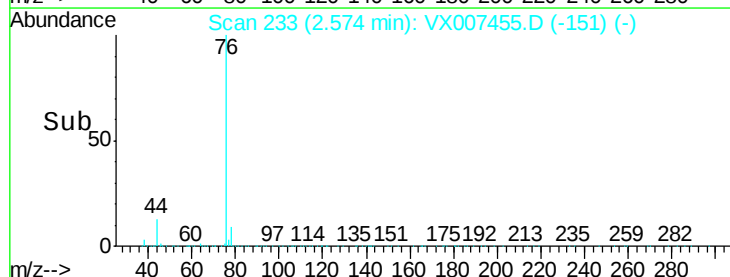
40000

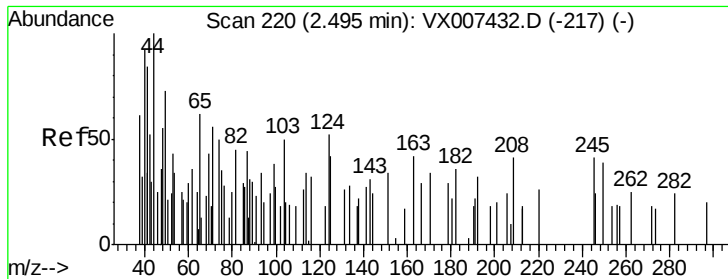
20000

0

2.50 2.55 2.60 2.65

Time-->





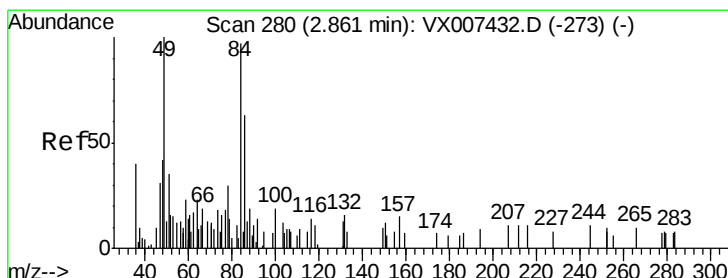
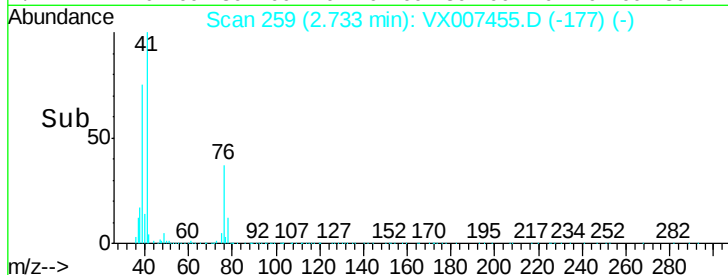
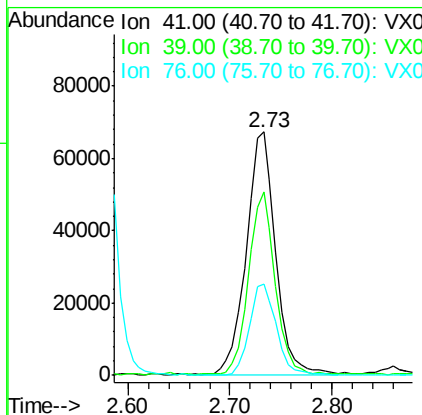
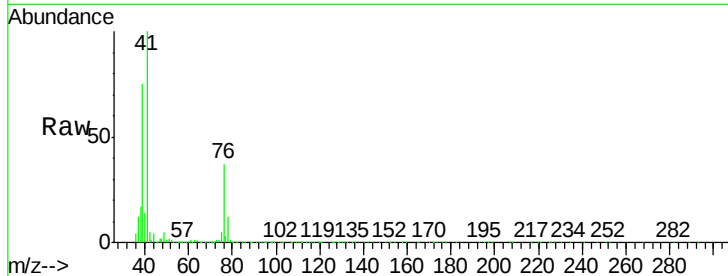
#17
Allvl chloride
Concen: 18.486 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	75.3	37.0	111.0
76	37.1	19.3	57.8

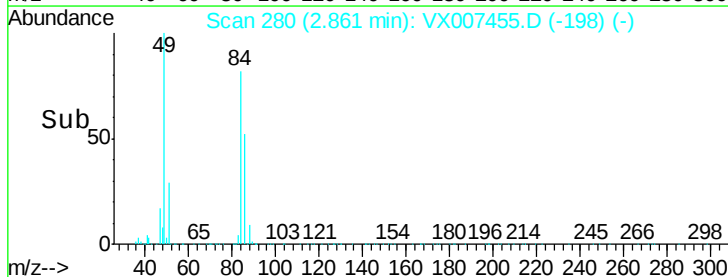
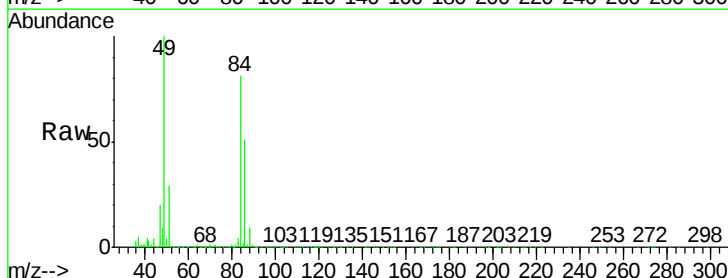
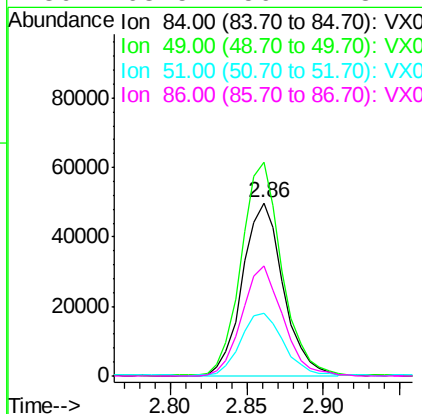
Manual Integrations
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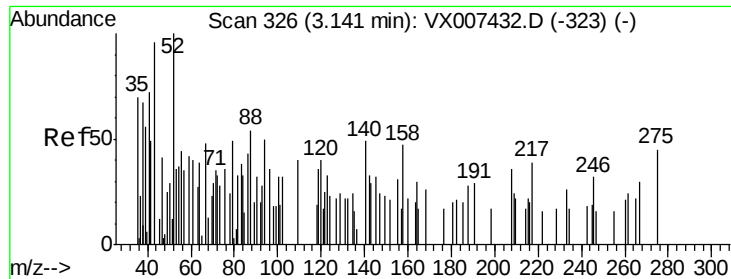
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2/11/2019 9:44:24 AM



#18
Methylene Chloride
Concen: 19.259 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	98.4	147.6
51	36.0	28.9	43.3
86	63.5	56.1	84.1





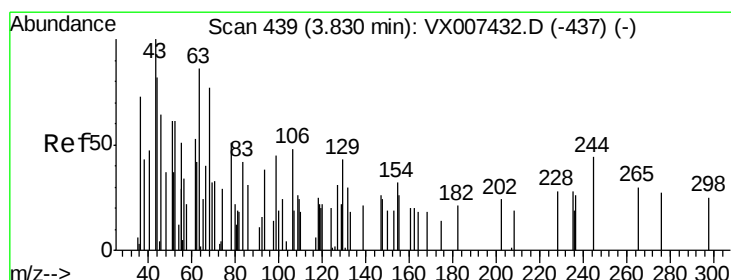
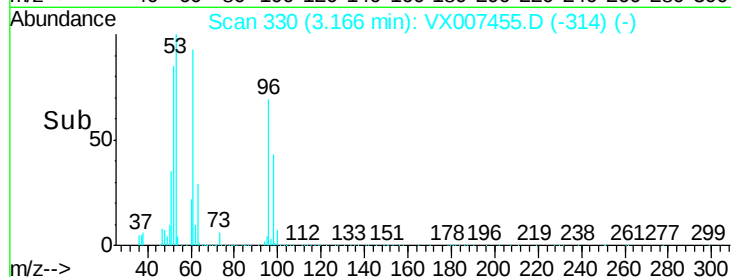
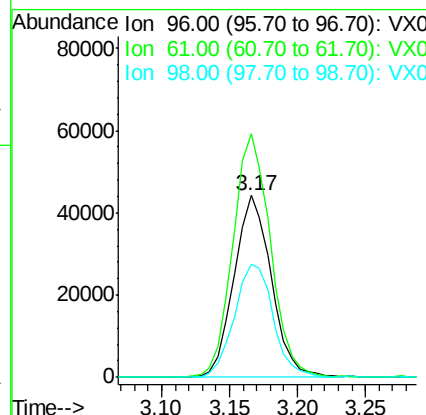
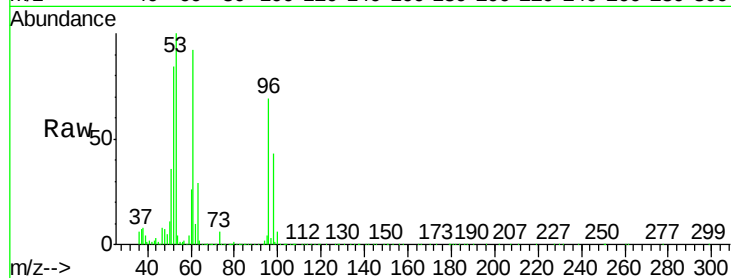
#19
trans-1,2-Dichloroethene
Concen: 18.749 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.4	107.8	161.6
98	62.1	54.9	82.3

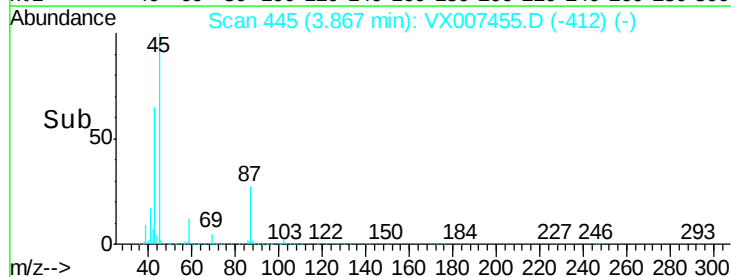
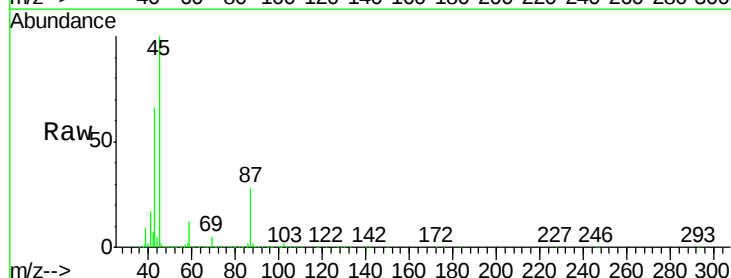
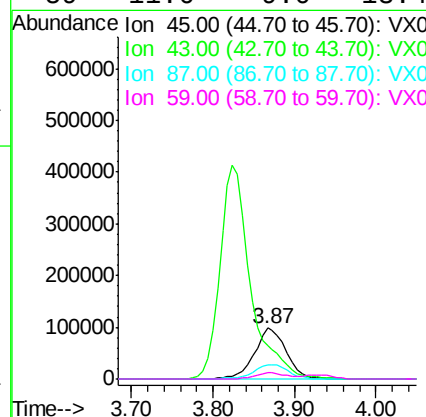
Manual Integrations
APPROVED

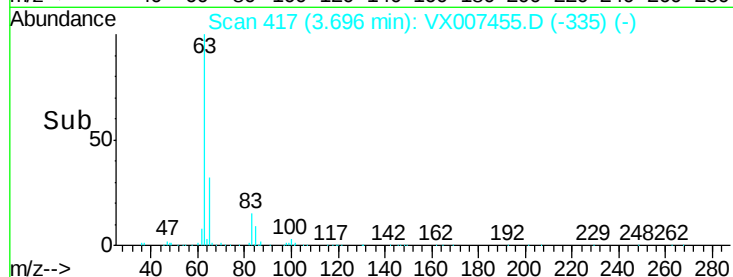
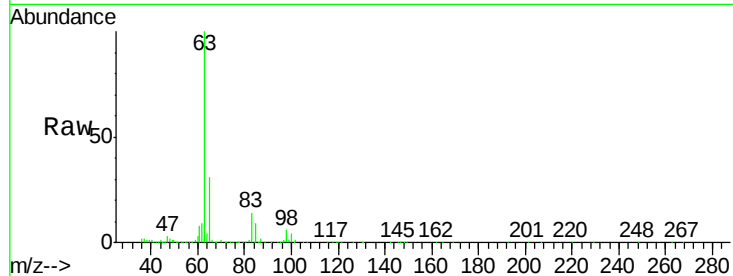
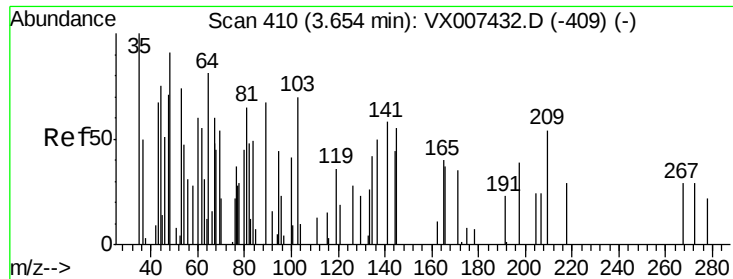
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2/11/2019 9:44:24 AM



#20
Diisopropyl ether
Concen: 19.633 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.7	53.1	79.7
87	27.5	23.7	35.5
59	11.6	9.0	13.4





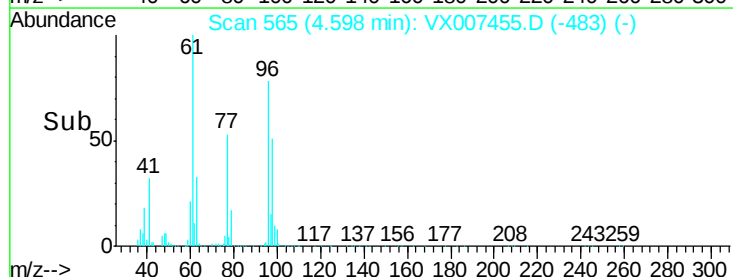
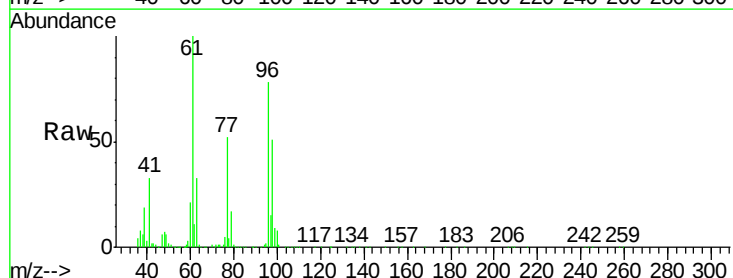
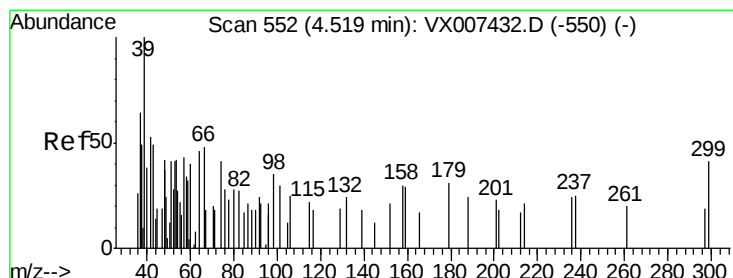
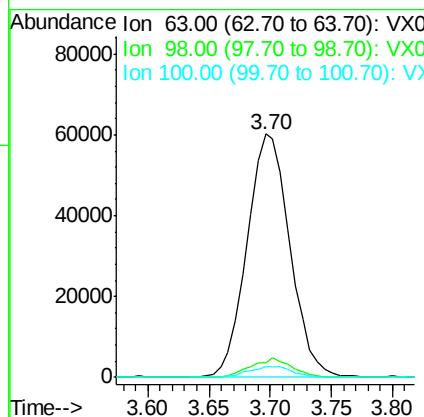
#21
1,1-Dichloroethane
Concen: 19.007 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.0	3.3	9.9
100	4.3	2.1	6.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

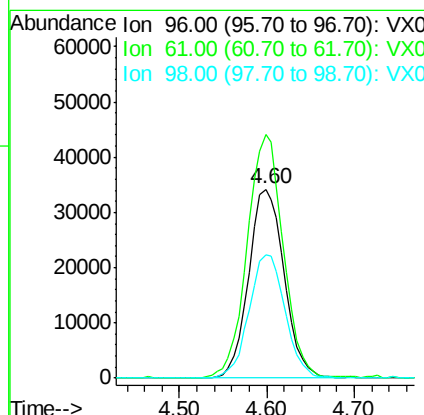
Manual Integrations
APPROVED

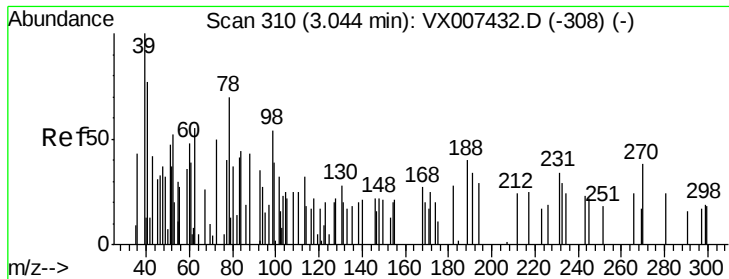
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2/11/2019 9:44:24 AM



#22
cis-1,2-Dichloroethene
Concen: 19.490 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	129.1	108.1	162.1
98	66.1	51.9	77.9





#23

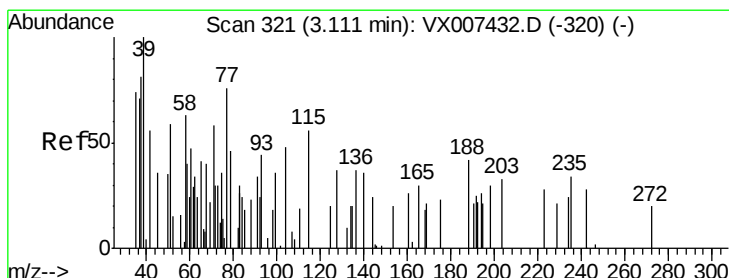
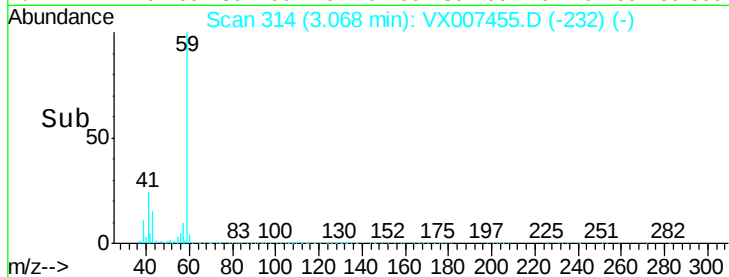
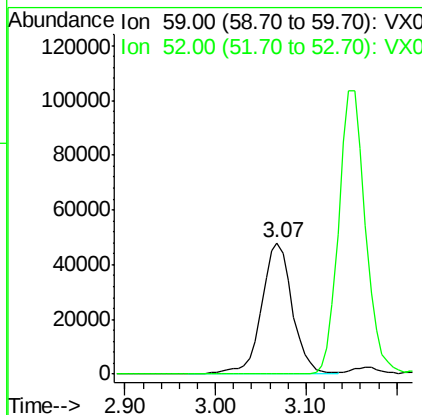
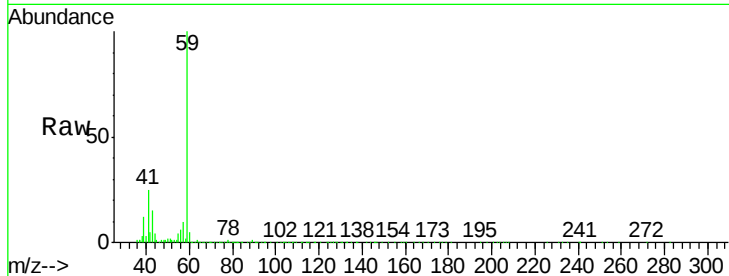
tert-Butyl Alcohol
 Concen: 100.082 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 59 Resp: 111941
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

Manual Integrations
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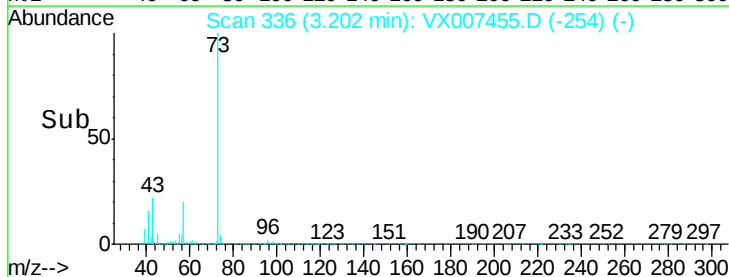
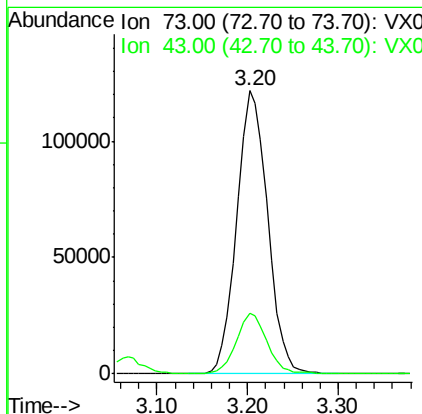
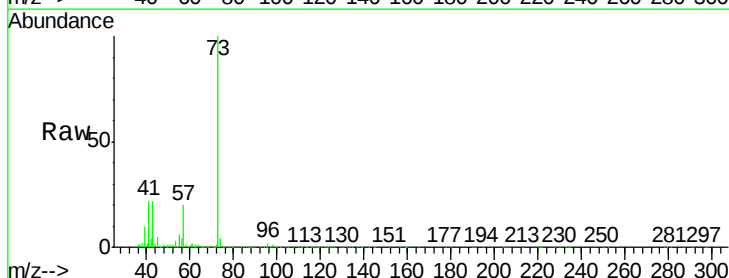
MMDadoda
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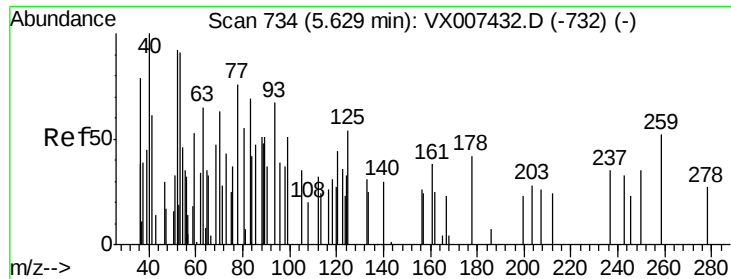


#24

Methyl tert-Butyl Ether
 Concen: 19.611 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion: 73 Resp: 286735
 Ion Ratio Lower Upper
 73 100
 43 20.5 16.2 24.4





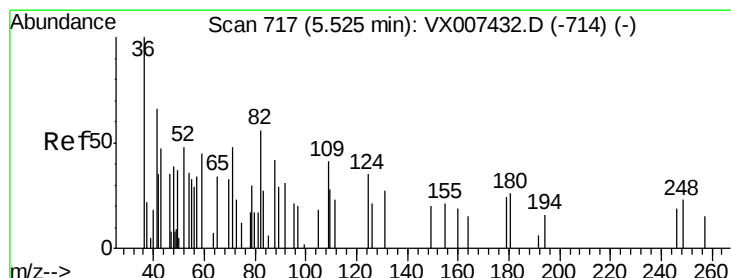
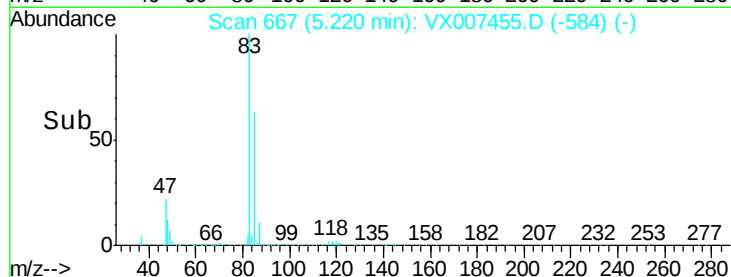
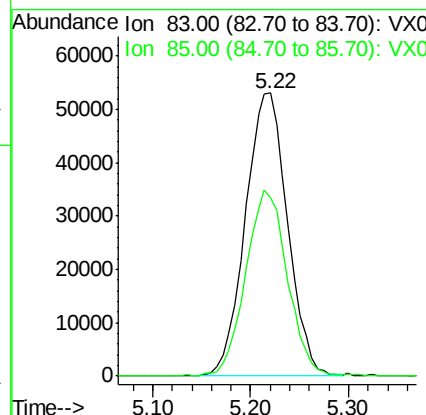
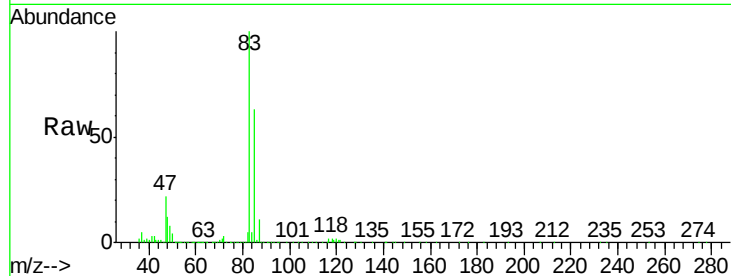
#25
Chloroform
Concen: 19.882 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 83 Resp: 158586
Ion Ratio Lower Upper
83 100
85 62.9 51.9 77.9

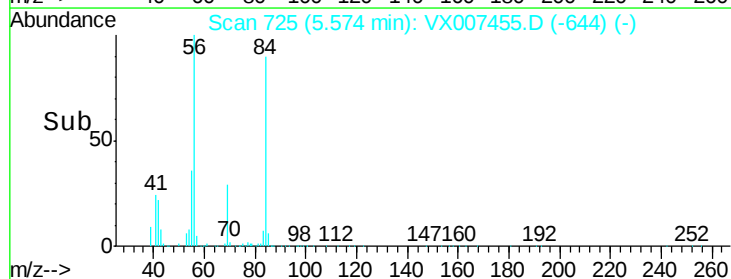
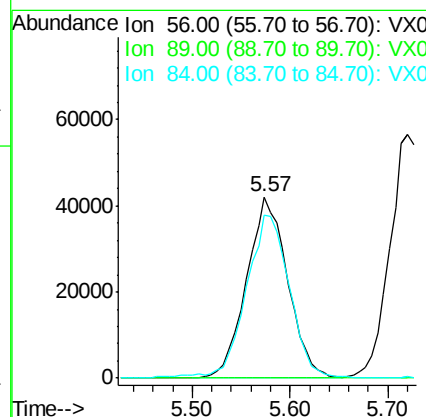
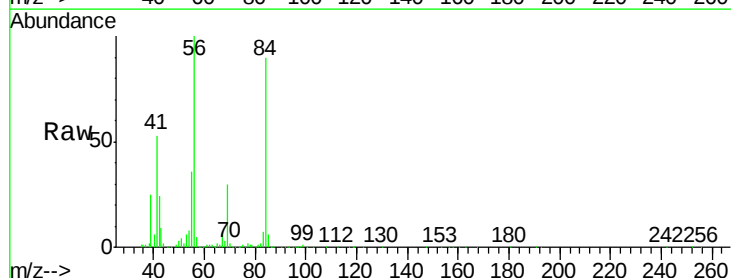
Manual Integrations
APPROVED

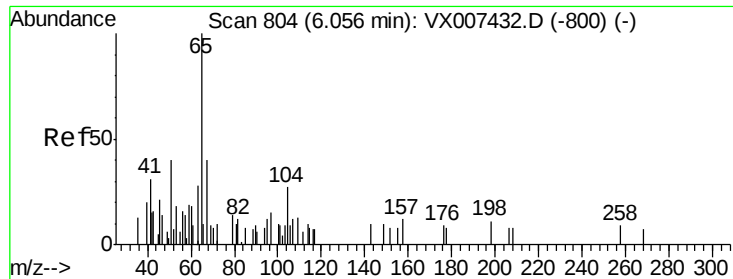
MMDadoda
2/11/2019 9:44:24 AM



#26
Cyclohexane
Concen: 18.617 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 56 Resp: 121001
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 94.1 74.2 111.2





#27

1,2-Dichloroethane-d4

Concen: 29.460 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 156404

Ion Ratio Lower Upper

65 100

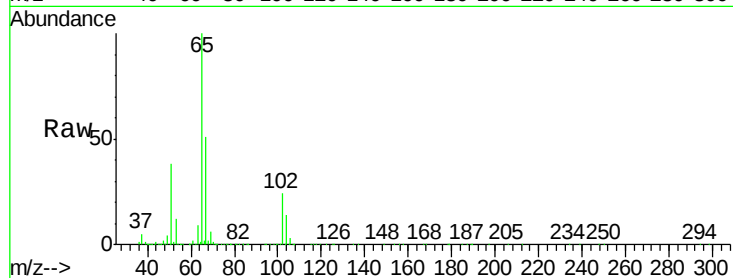
67 52.8 42.0 63.0

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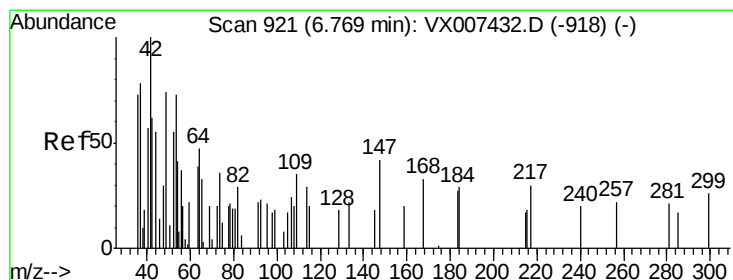
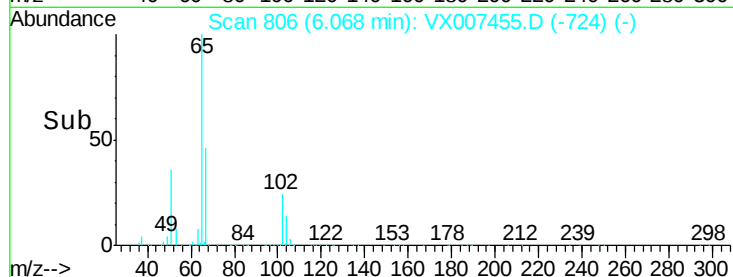
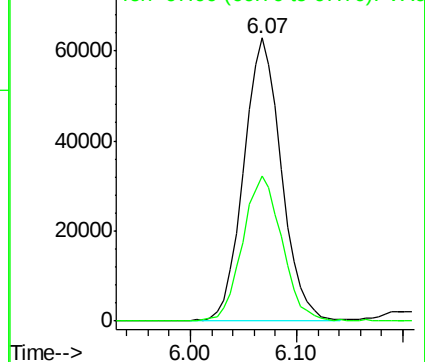
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

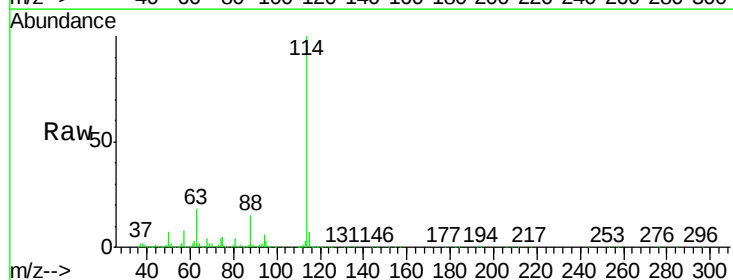
Tgt Ion:114 Resp: 431740

Ion Ratio Lower Upper

114 100

63 18.0 14.6 21.8

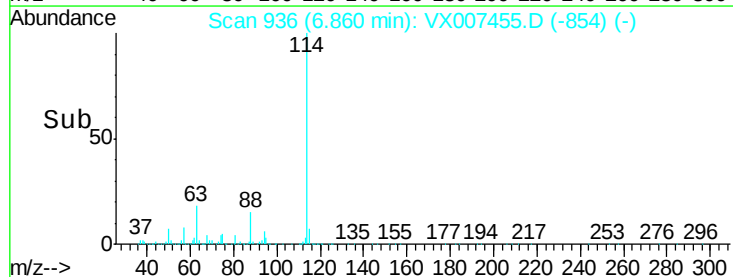
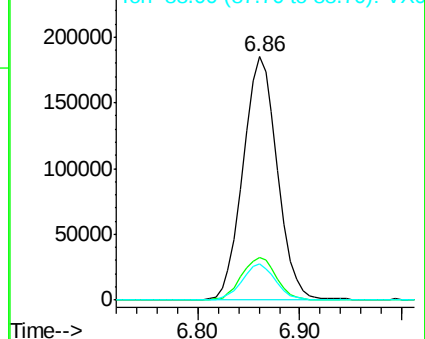
88 14.6 11.8 17.6

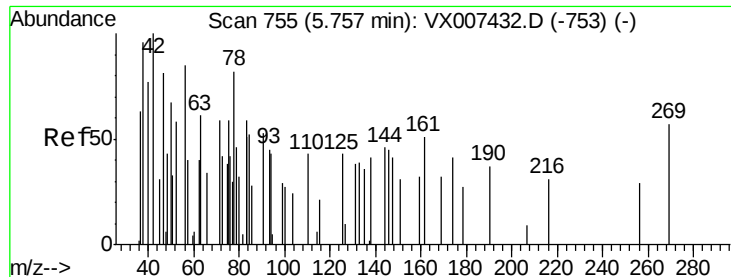


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





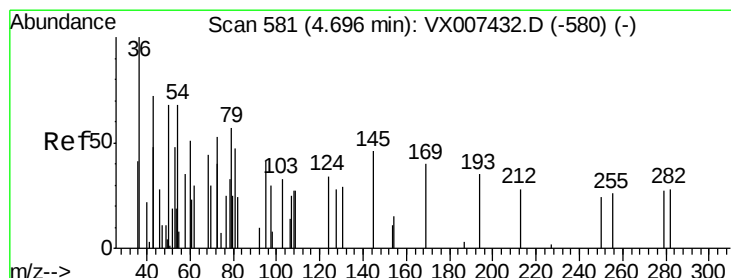
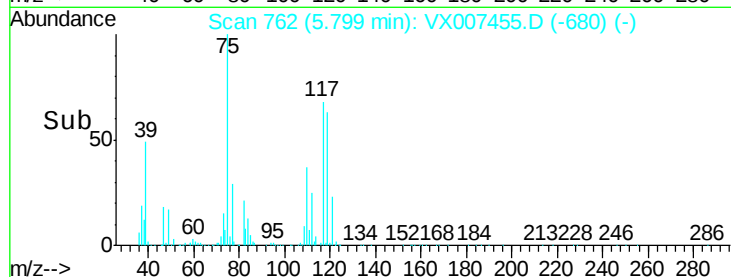
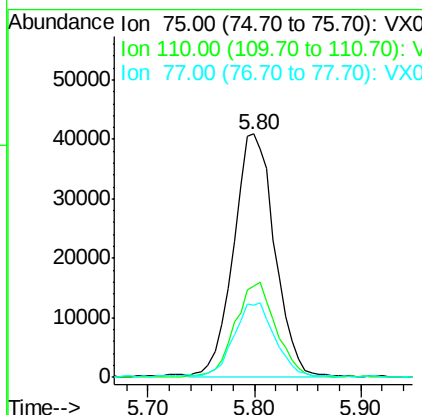
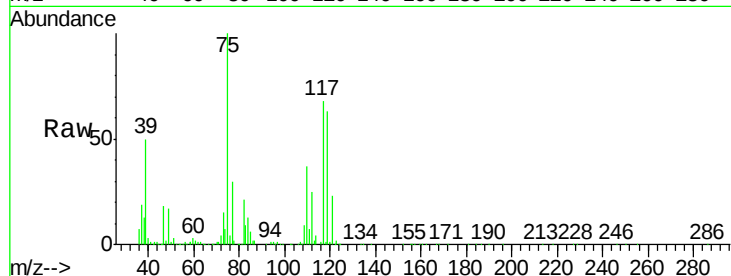
#29
 1,1-Dichloropropene
 Concen: 19.780 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	38.7	0.0	78.8
77	29.5	0.0	61.8

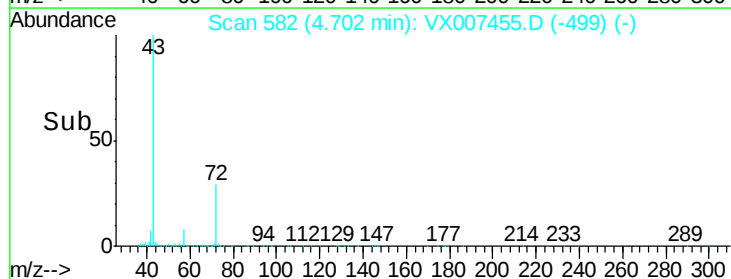
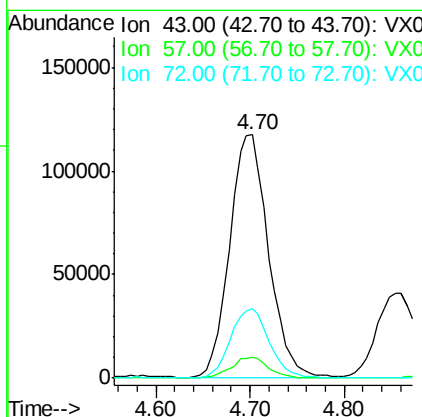
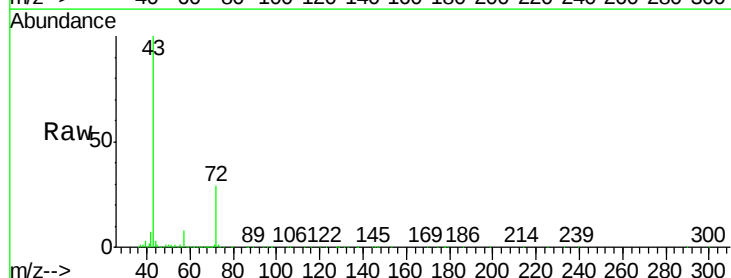
Manual Integrations
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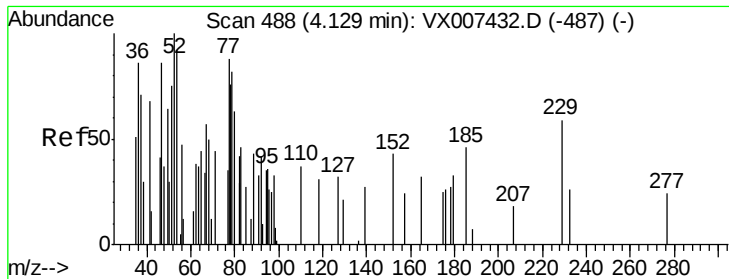
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#30
 2-Butanone
 Concen: 99.917 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	3.8	3.3	4.9
72	28.7	22.0	33.0





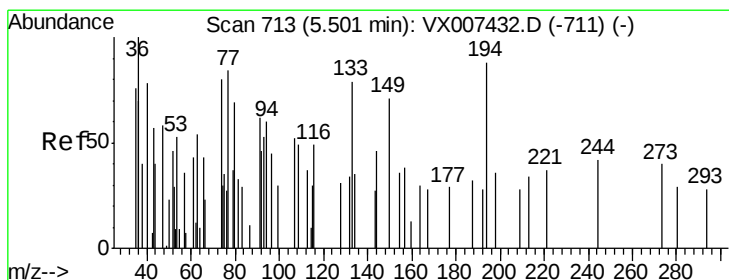
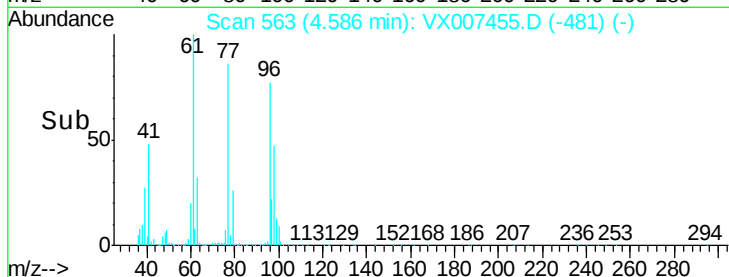
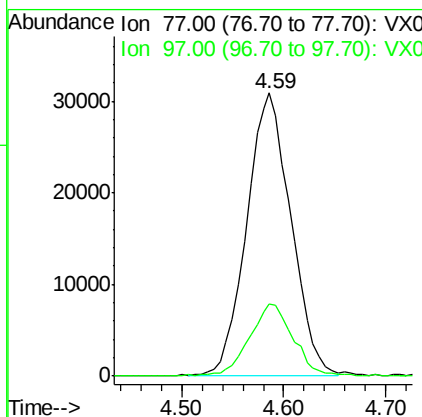
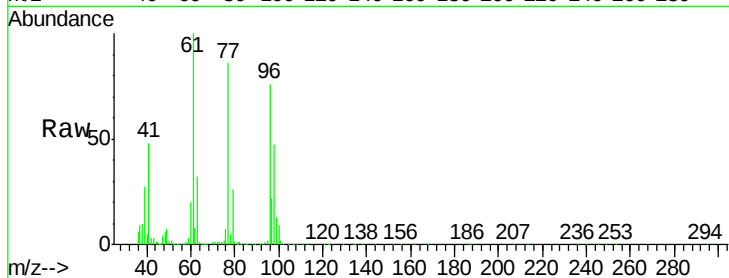
#31
 2,2-Dichloropropane
 Concen: 16.391 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
77	100		
97	25.1	19.8	29.8

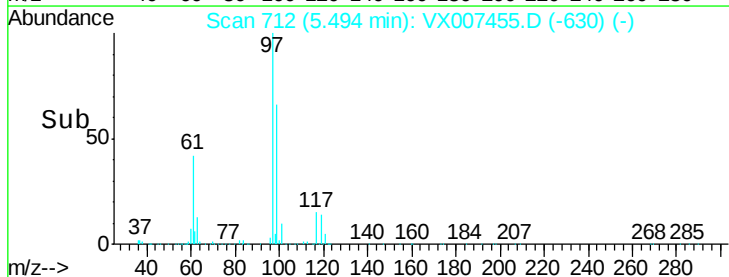
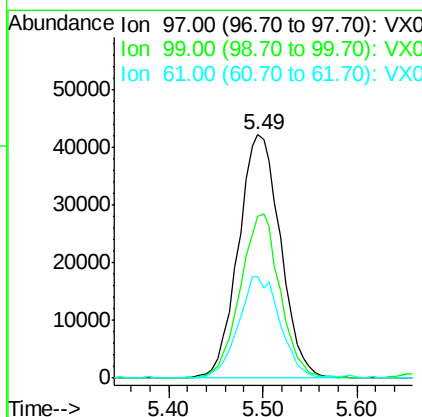
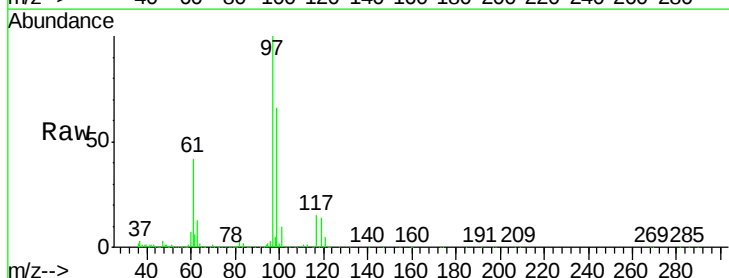
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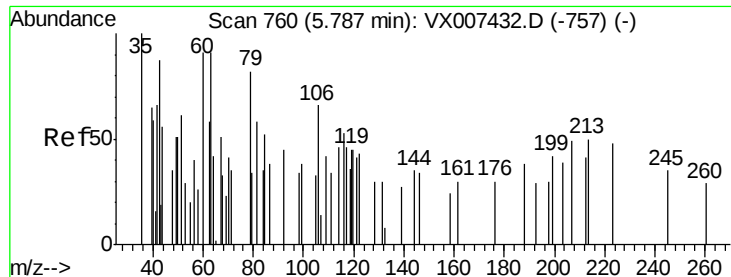
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#32
 1,1,1-Trichloroethane
 Concen: 19.761 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.9	77.9
61	41.5	33.6	50.4





#33

Carbon Tetrachloride

Concen: 19.358 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

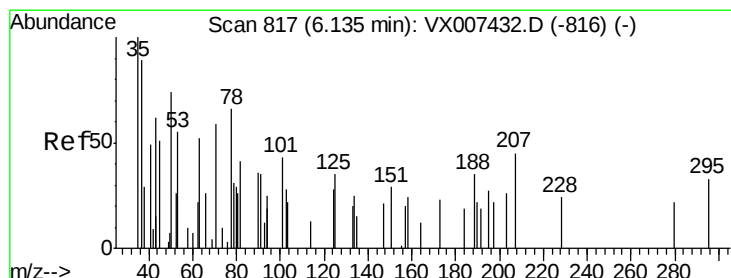
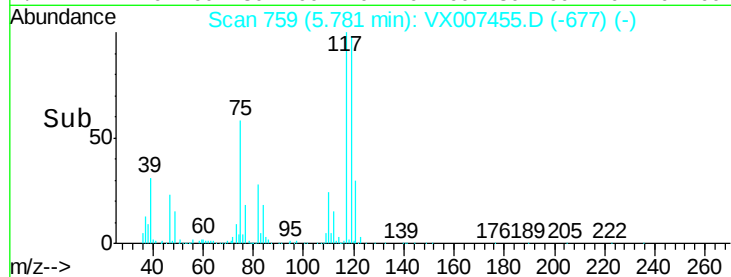
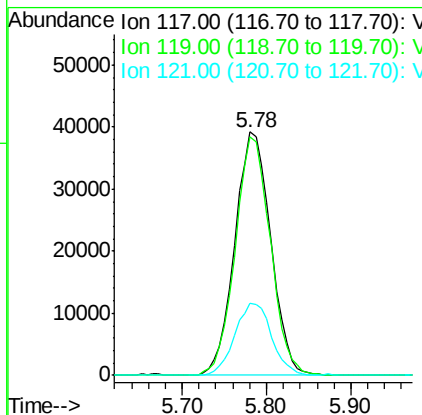
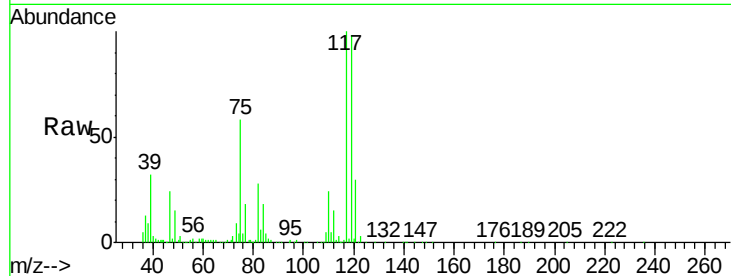
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	113188
Ion Ratio	Lower	Upper	
117	100		
119	98.3	73.5	110.3
121	29.8	24.6	37.0

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#34

Benzene

Concen: 19.672 ug/l

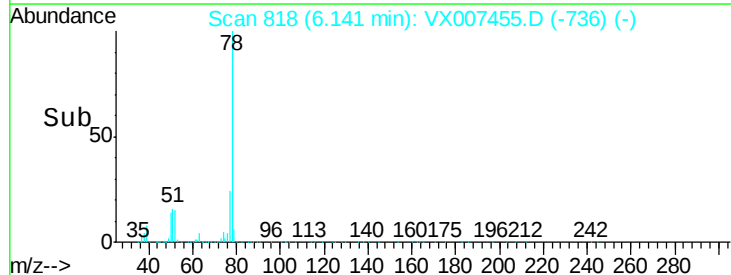
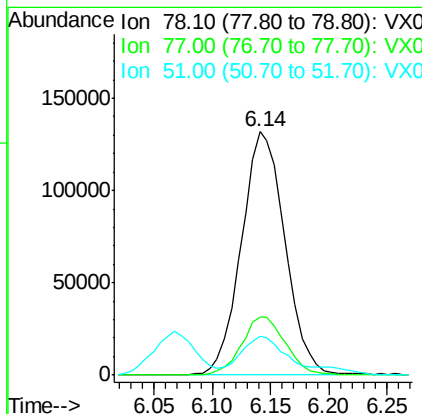
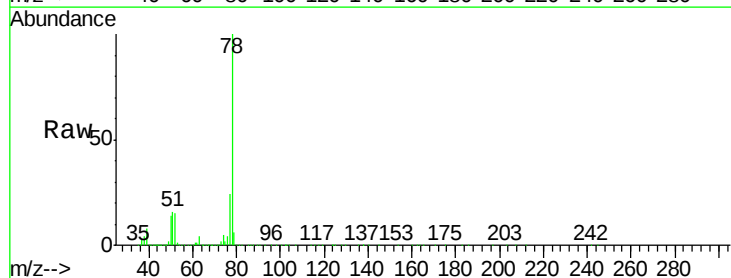
RT: 6.14 min Scan# 818

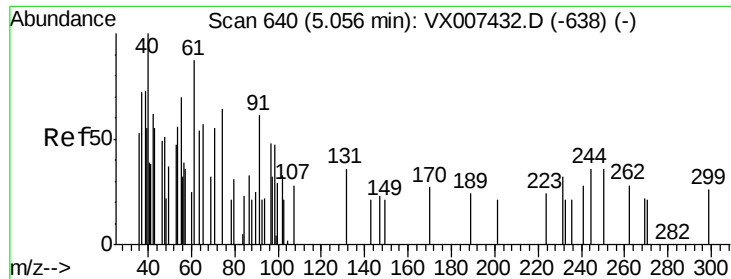
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion:	78	Resp:	341514
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.1	28.7
51	12.9	12.4	18.6





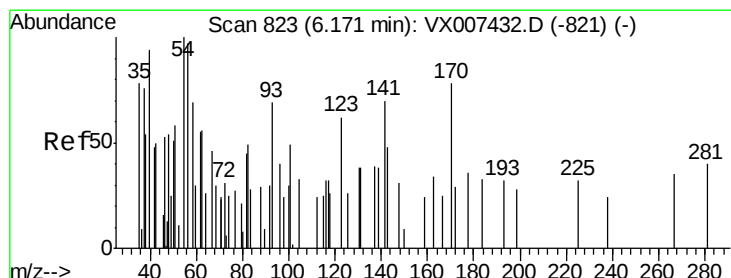
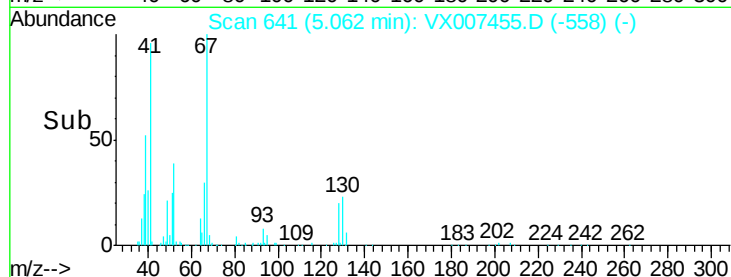
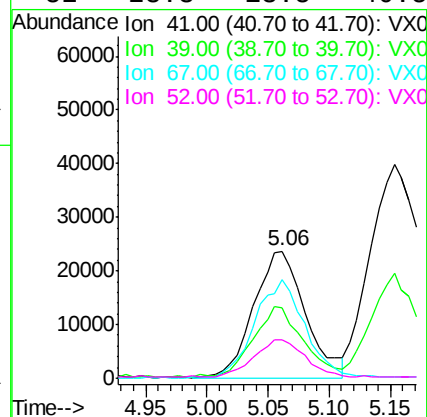
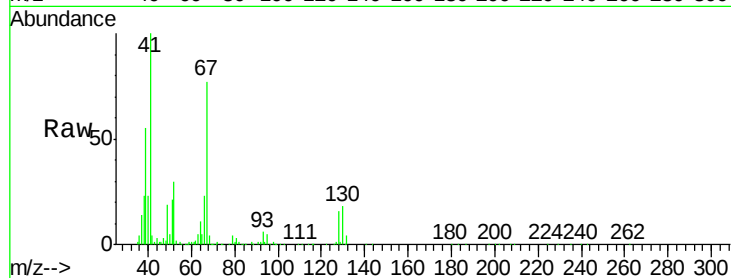
#35
Methacrylonitrile
Concen: 20.348 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.3	27.5	82.4
67	76.2	34.8	104.3
52	28.3	13.5	40.5

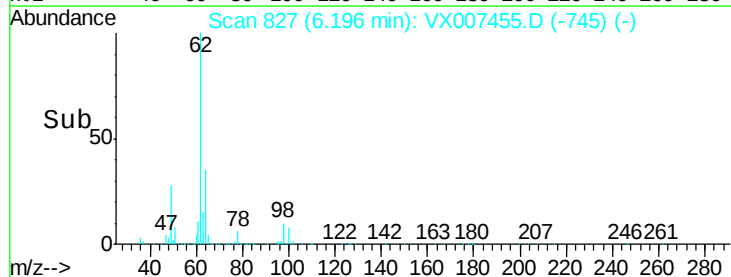
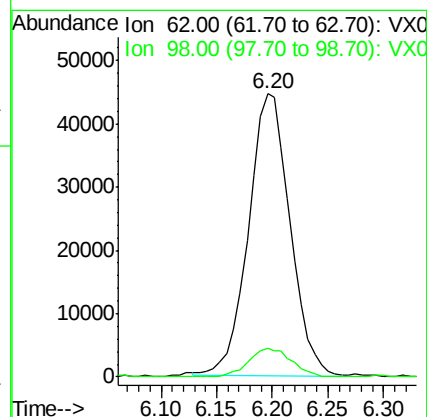
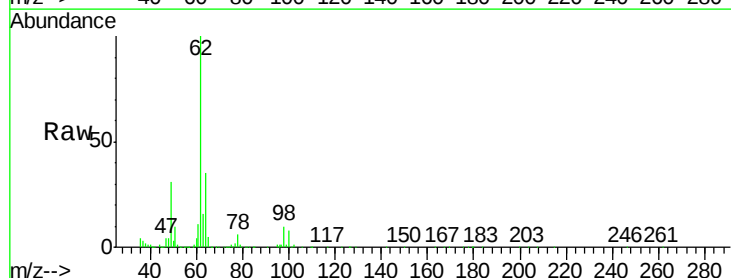
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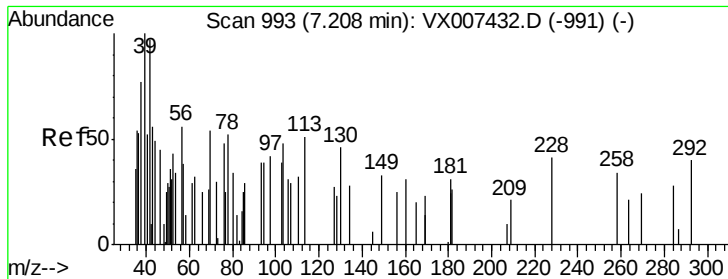
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#36
1,2-Dichloroethane
Concen: 19.324 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.1	12.1





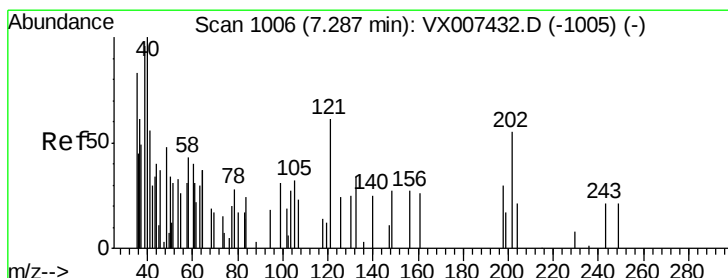
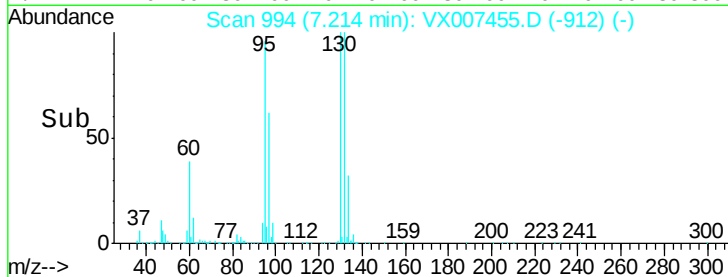
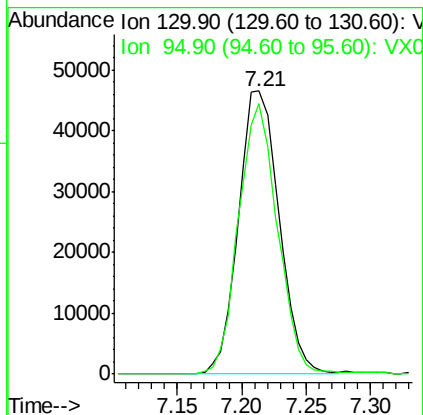
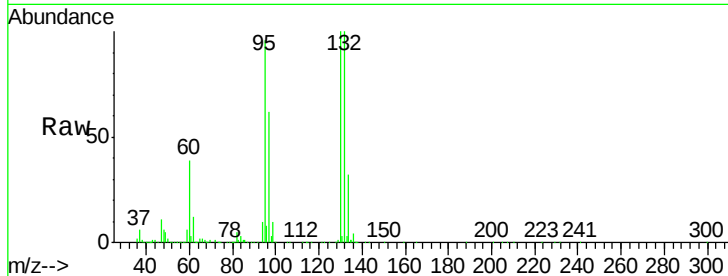
#37
 Trichloroethene
 Concen: 19.947 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 102101
 Ion Ratio Lower Upper
 130 100
 95 95.7 73.7 110.5

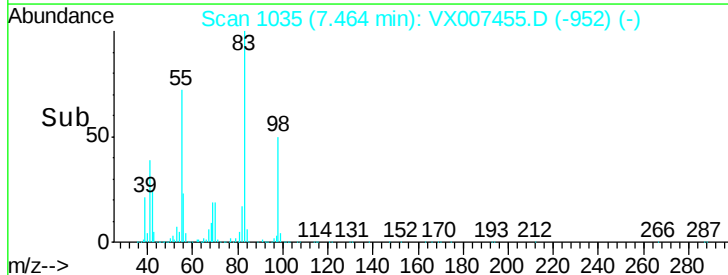
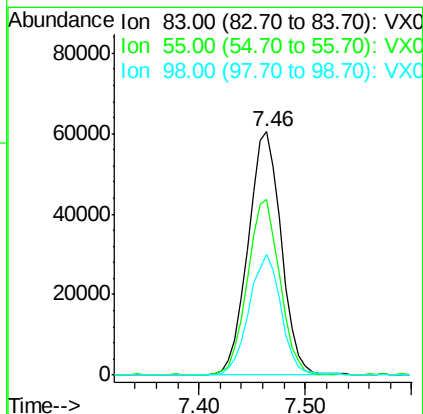
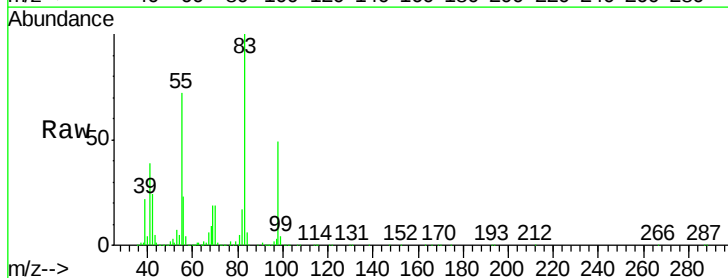
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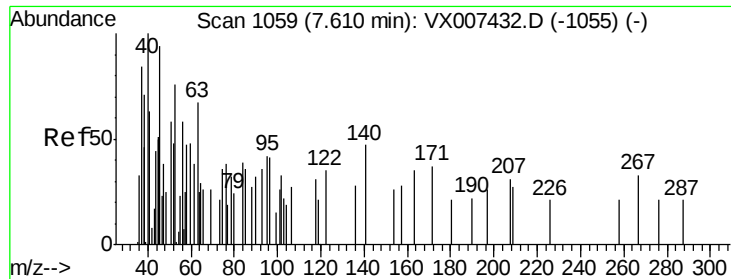
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#38
 Methylcyclohexane
 Concen: 18.595 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion: 83 Resp: 132632
 Ion Ratio Lower Upper
 83 100
 55 69.7 36.6 109.8
 98 48.0 24.1 72.4





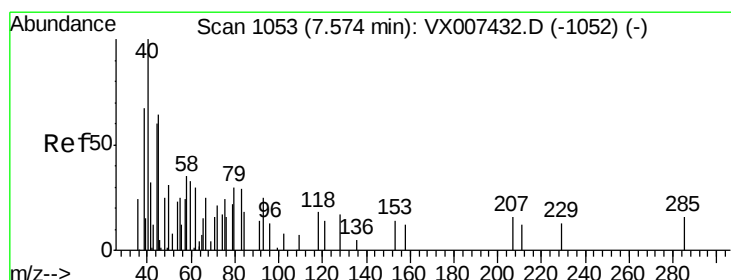
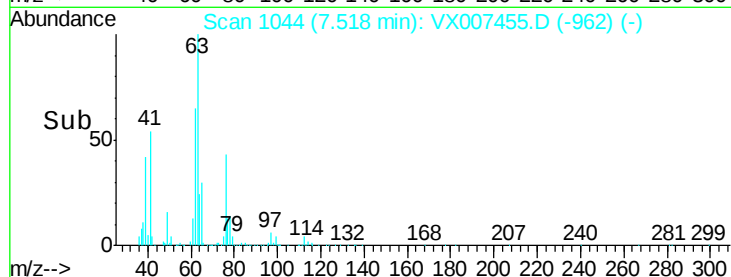
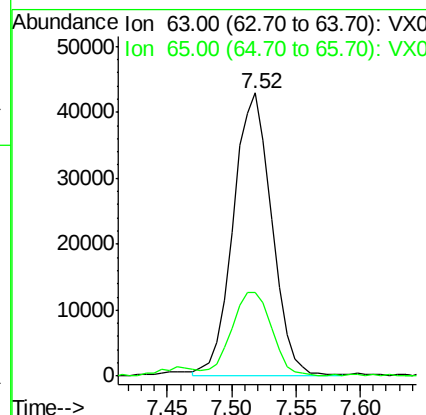
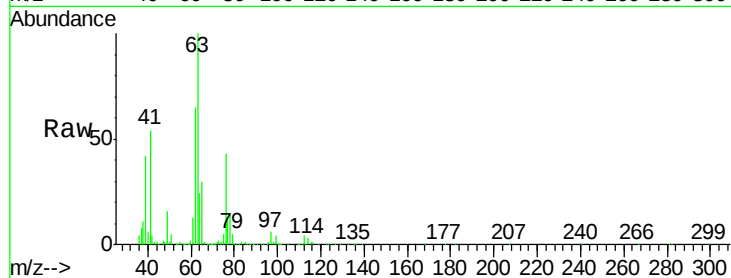
#39
 1,2-Dichloropropane
 Concen: 20.287 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 88322
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.7 37.1

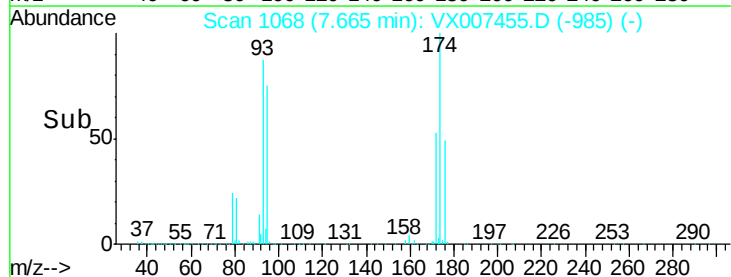
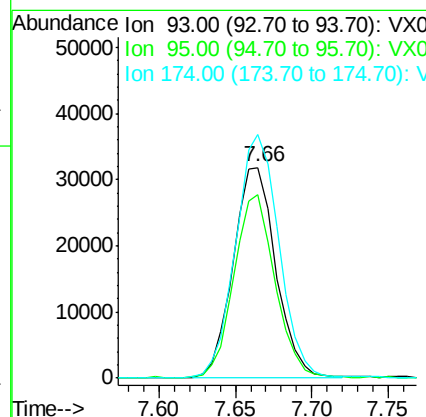
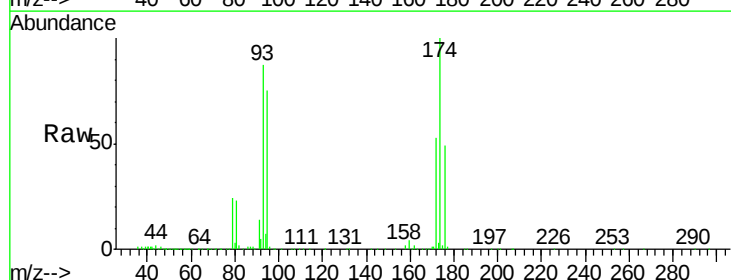
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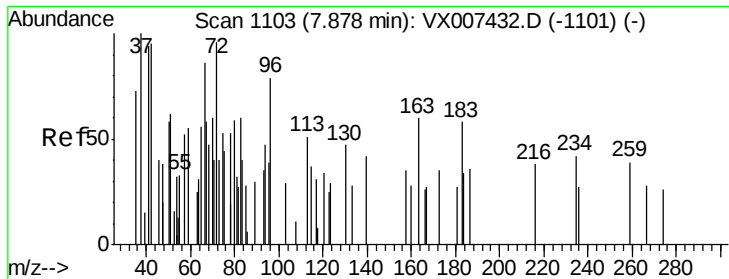
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#40
 Dibromomethane
 Concen: 19.745 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion: 93 Resp: 61923
 Ion Ratio Lower Upper
 93 100
 95 83.8 0.0 172.4
 174 117.3 0.0 233.0





#41

Bromodichloromethane

Concen: 19.429 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 106935

Ion Ratio Lower Upper

83 100

85 63.0 48.2 72.2

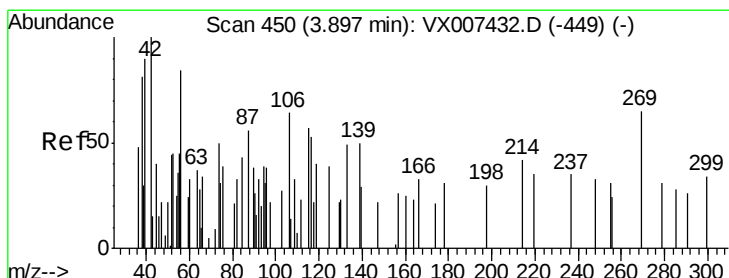
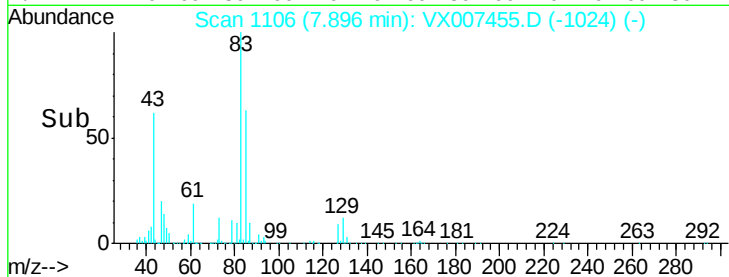
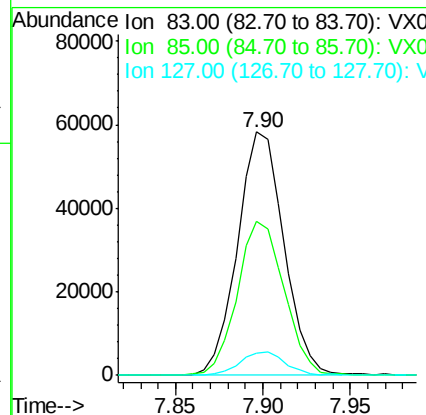
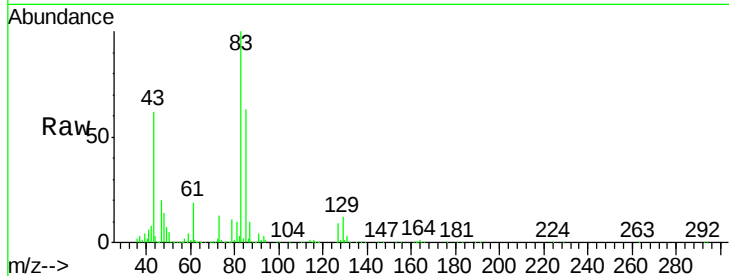
127 8.9 8.3 12.5

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#42

Vinyl Acetate

Concen: 94.740 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007455.D

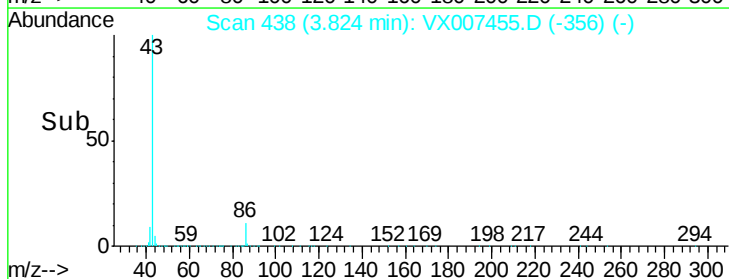
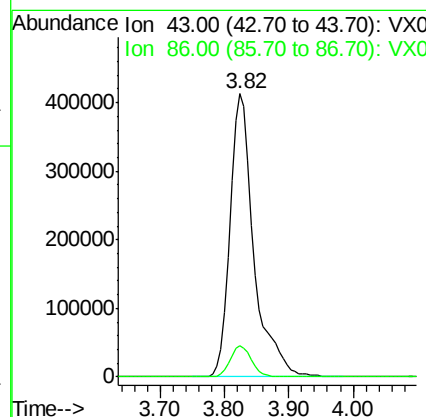
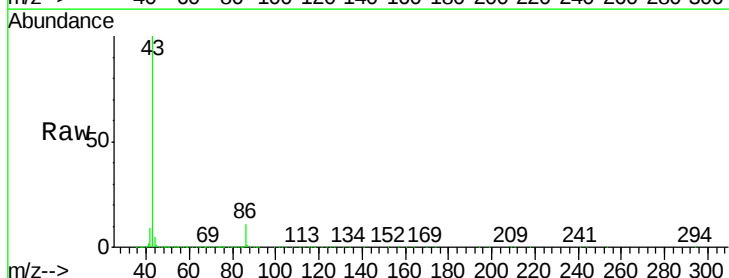
Acq: 08 Feb 2019 21:02

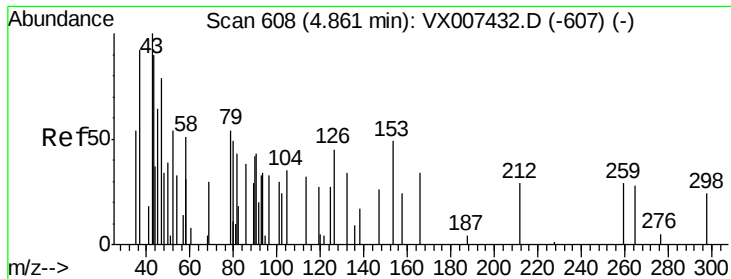
Tgt Ion: 43 Resp: 1080241

Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0





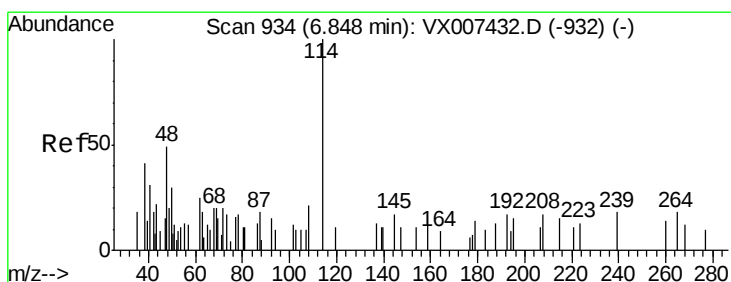
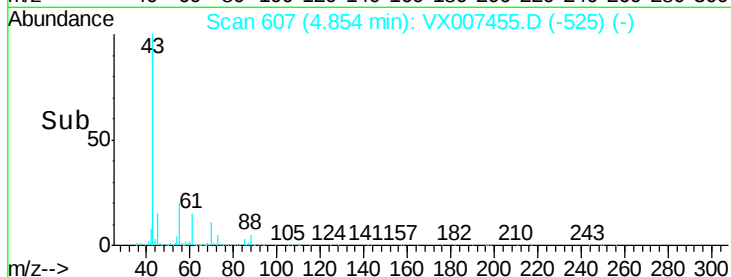
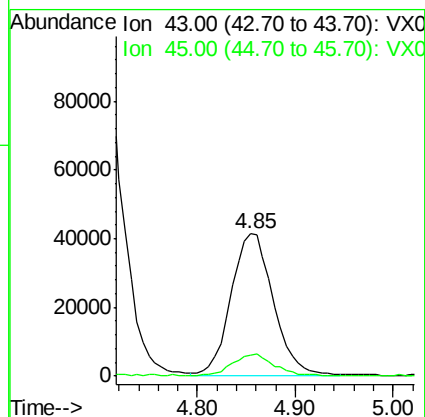
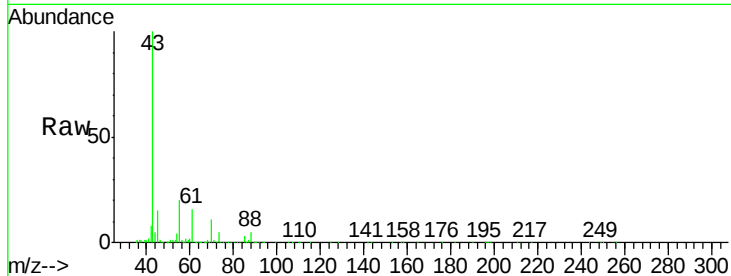
#43
Ethyl Acetate
Concen: 19.554 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 122704
Ion Ratio Lower Upper
43 100
45 15.2 11.7 17.5

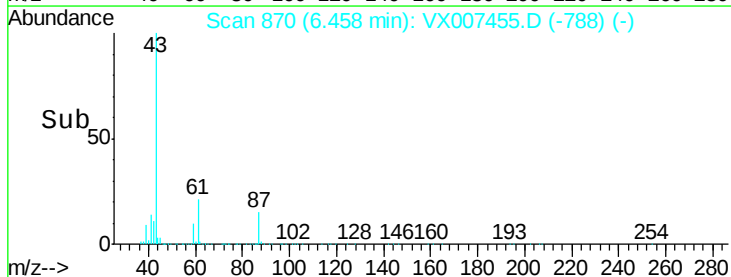
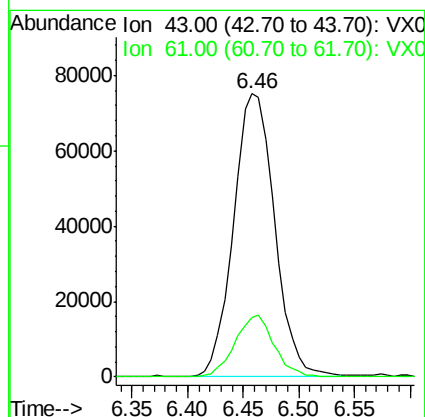
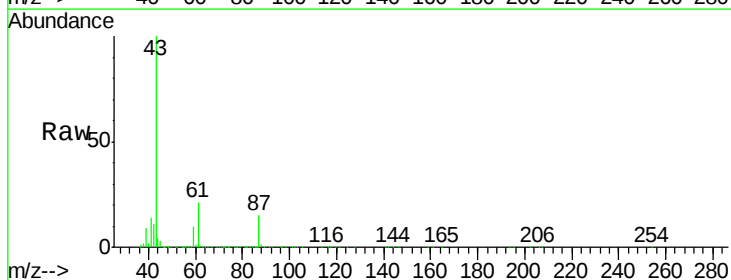
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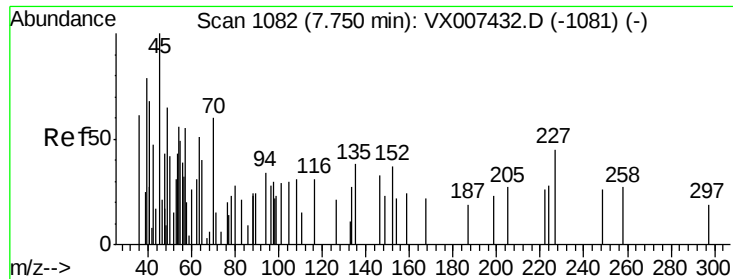
MMDadoda
2/11/2019 9:44:24 AM



#44
Isopropyl Acetate
Concen: 19.625 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 43 Resp: 192337
Ion Ratio Lower Upper
43 100
61 20.8 16.8 25.2





#45

1,4-Dioxane

Concen: 380.185 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

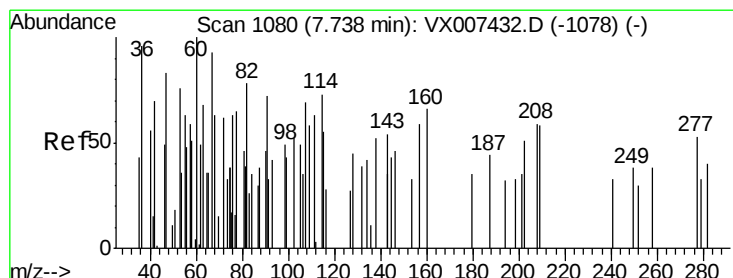
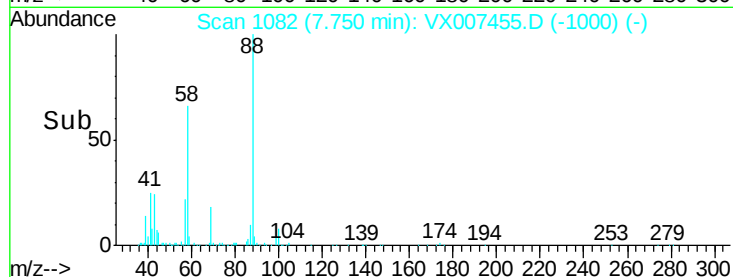
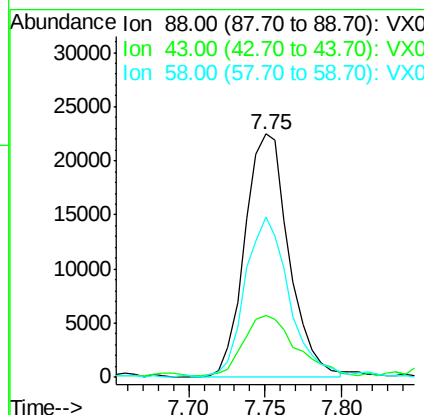
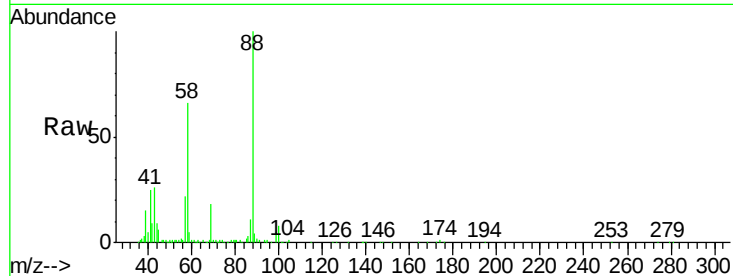
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	45152
Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.5	35.3
58	65.9	51.6	77.4

Manual Integrations
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#46

Methyl methacrylate

Concen: 19.649 ug/l

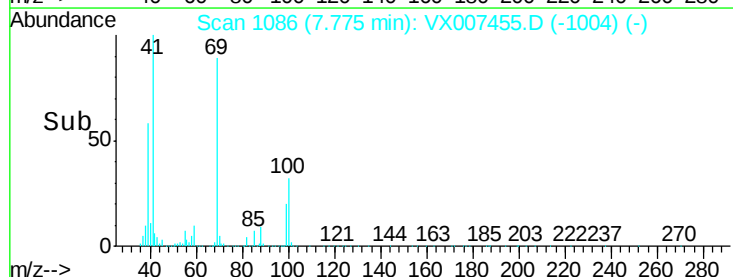
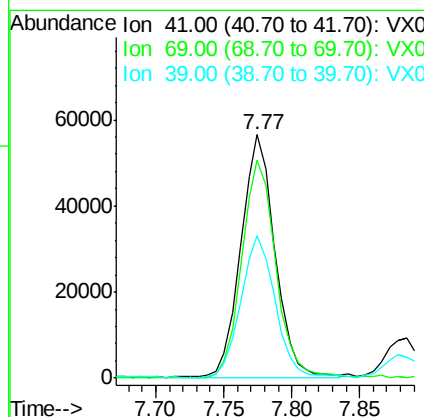
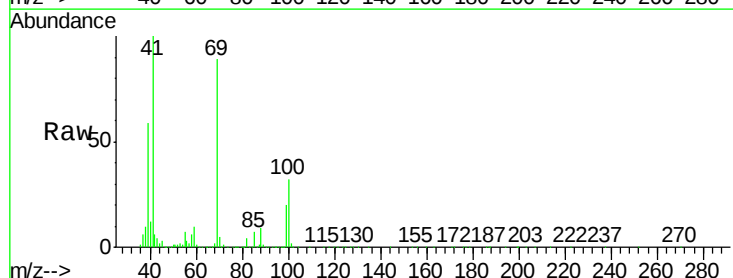
RT: 7.77 min Scan# 1086

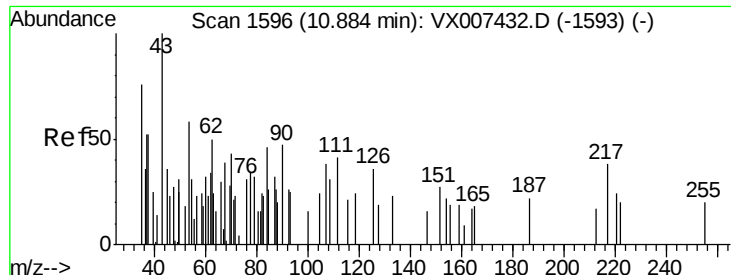
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion:	41	Resp:	98463
Ion	Ratio	Lower	Upper
41	100		
69	89.6	43.0	129.2
39	58.5	29.4	88.2





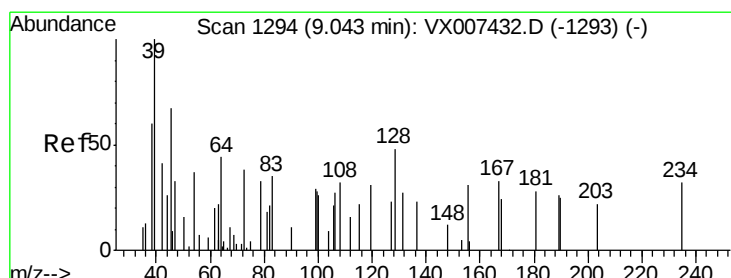
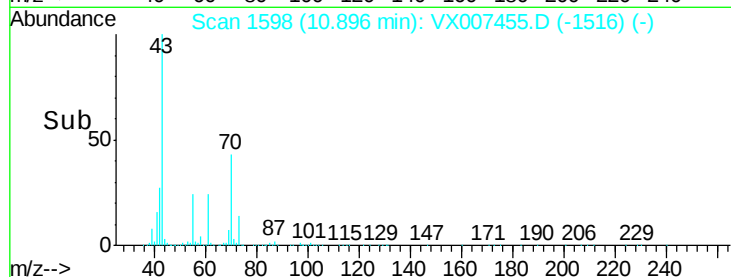
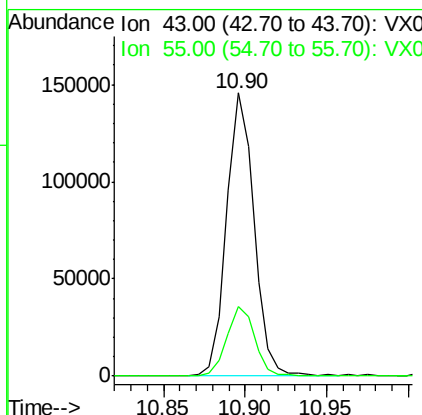
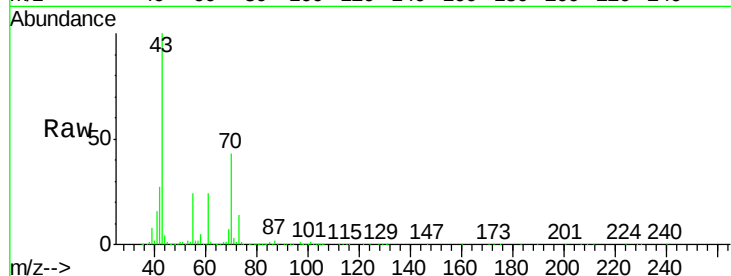
#47
n-amvl Acetate
Concen: 19.754 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 170233
Ion Ratio Lower Upper
43 100
55 25.2 19.9 29.9

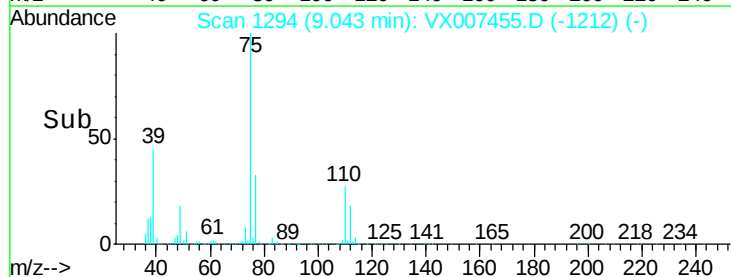
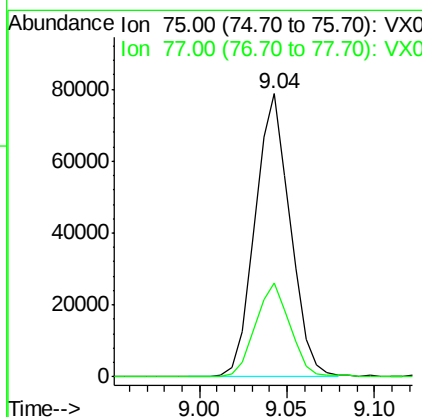
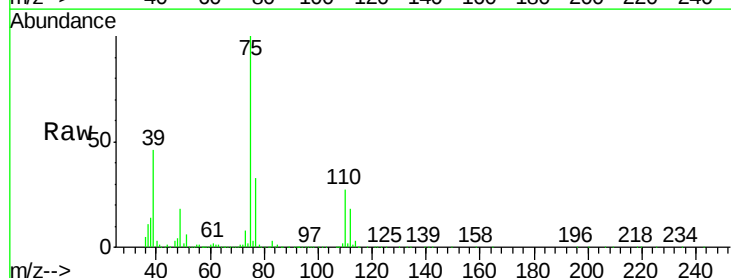
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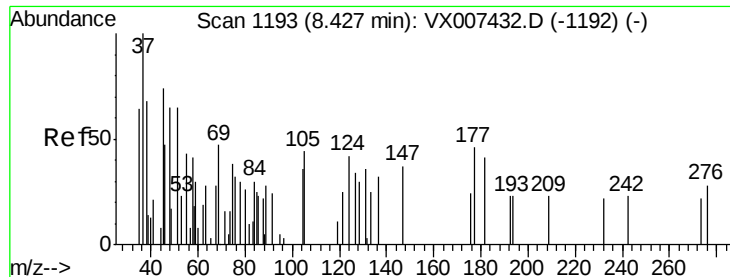
MMDadoda
2/11/2019 9:44:24 AM



#48
t-1,3-Dichloropropene
Concen: 18.300 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 75 Resp: 109853
Ion Ratio Lower Upper
75 100
77 32.8 26.7 40.1





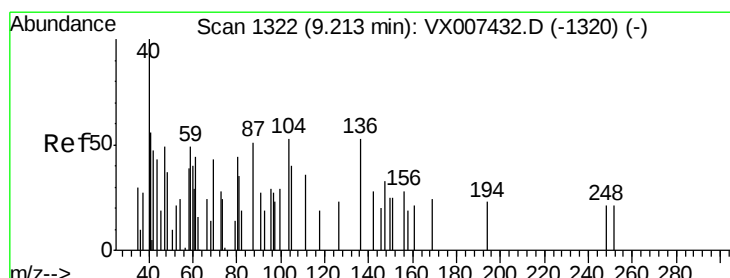
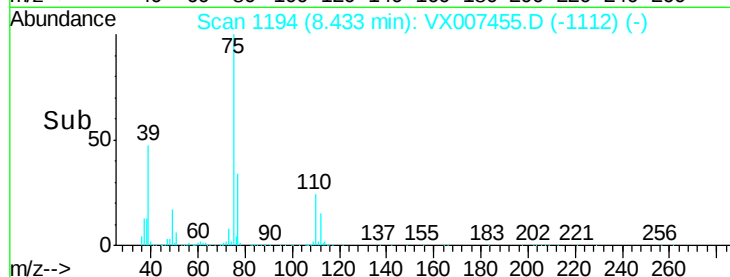
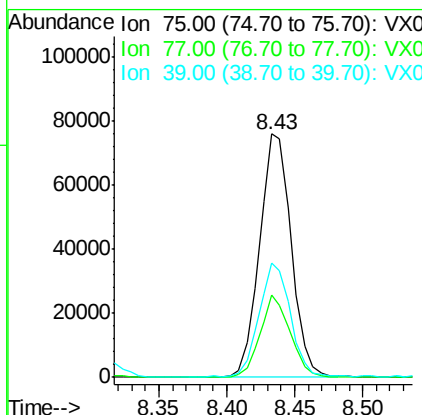
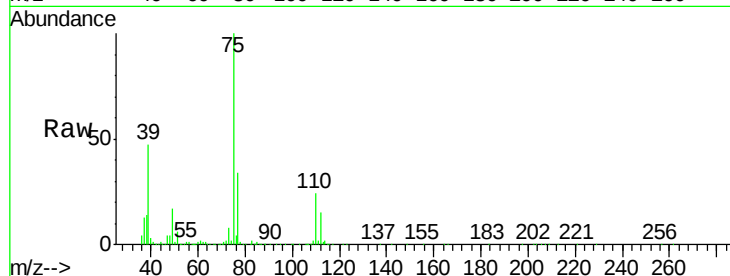
#49
 cis-1,3-Dichloropropene
 Concen: 18.687 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.2	39.4
39	46.6	37.2	55.8

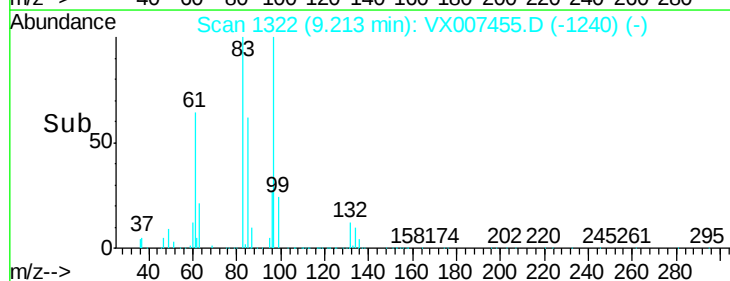
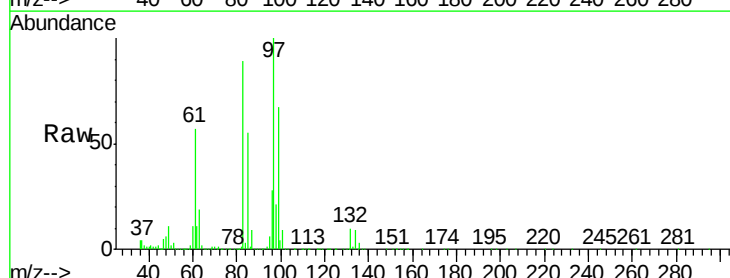
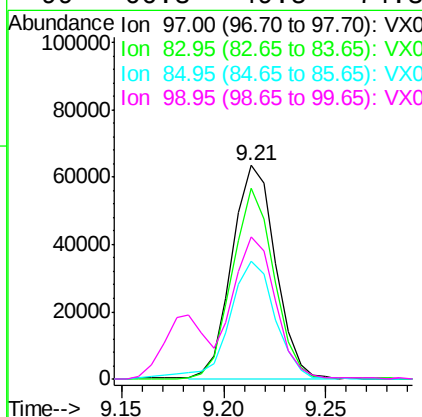
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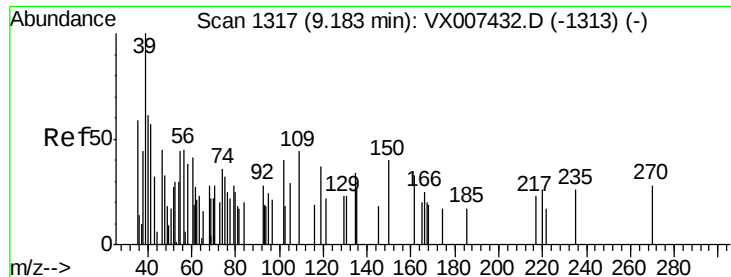
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#50
 1,1,2-Trichloroethane
 Concen: 20.056 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	62.5	93.7
85	55.2	41.8	62.6
99	66.3	49.5	74.3





#51

Ethyl methacrylate

Concen: 20.036 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

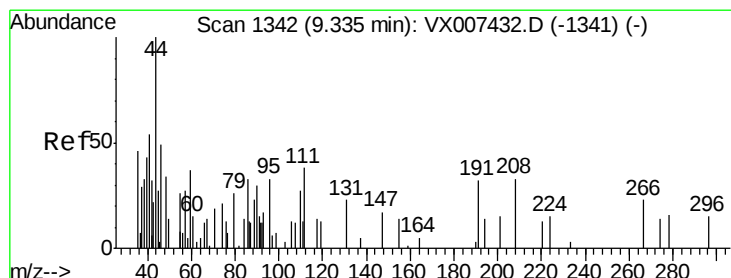
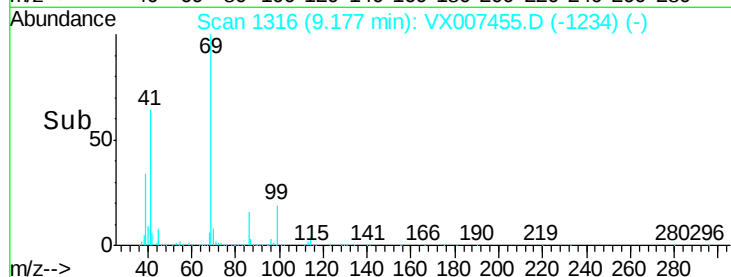
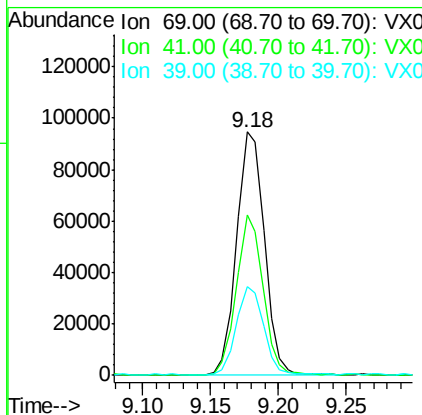
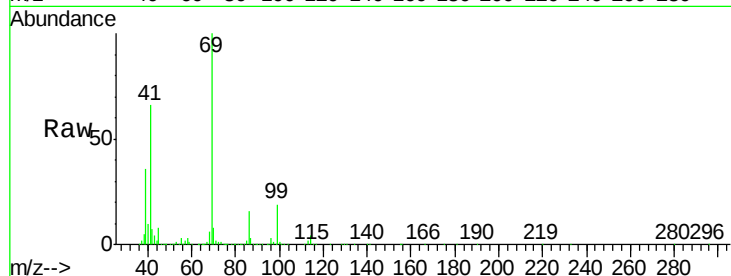
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	134758
Ion	Ratio	Lower	Upper
69	100		
41	66.0	34.2	102.6
39	36.0	20.3	60.8

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.362 ug/l

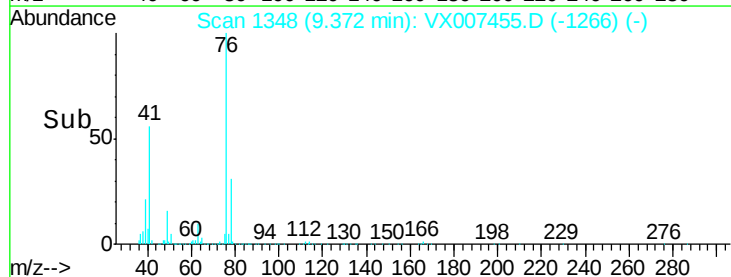
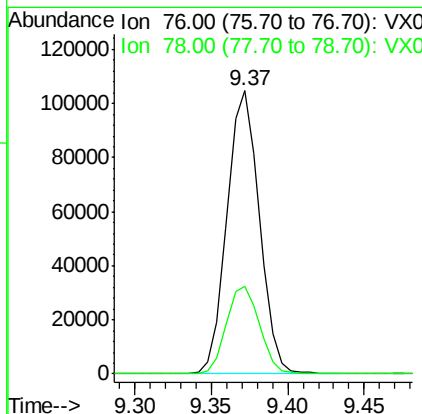
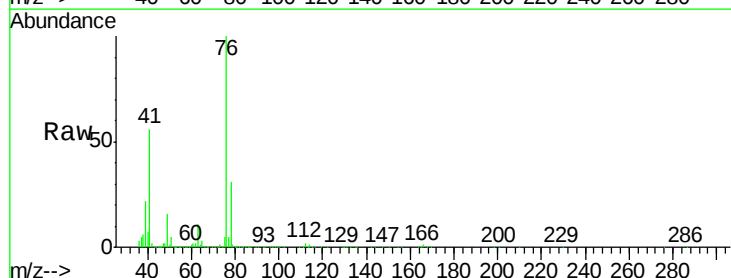
RT: 9.37 min Scan# 1348

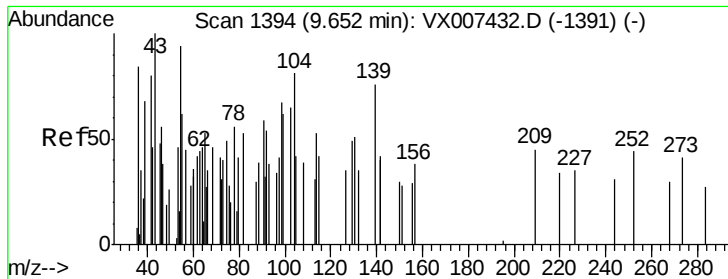
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion:	76	Resp:	153467
Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	66.2





#53

Dibromochloromethane

Concen: 19.460 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 92579

Ion Ratio Lower Upper

129 100

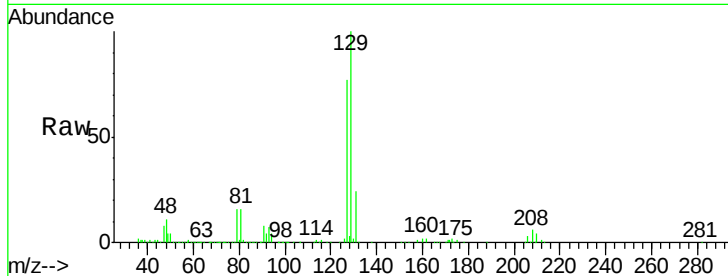
127 77.1 37.7 113.1

Manual Integrations

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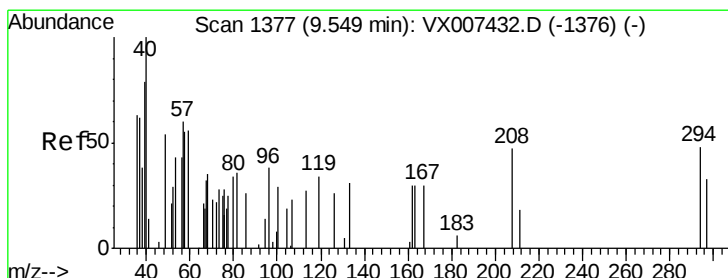
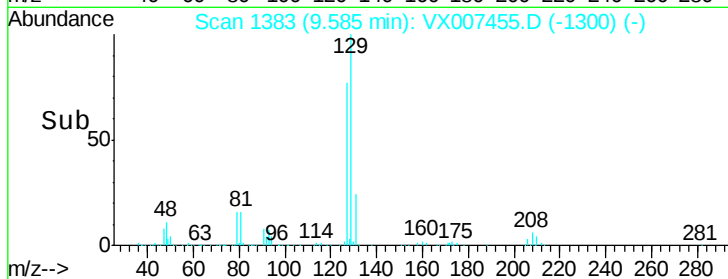
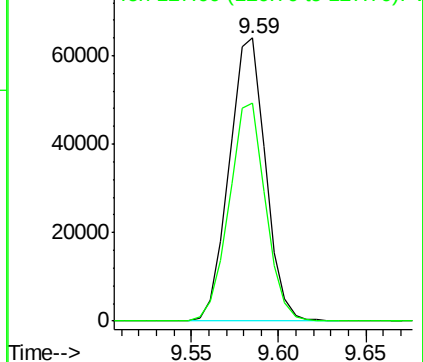
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.230 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007455.D

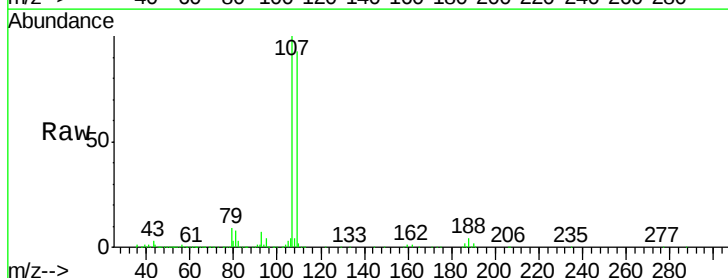
Acq: 08 Feb 2019 21:02

Tgt Ion:107 Resp: 102508

Ion Ratio Lower Upper

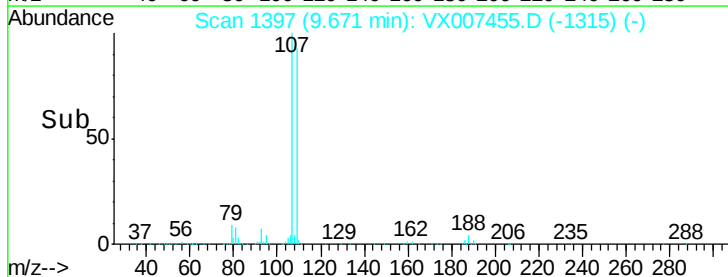
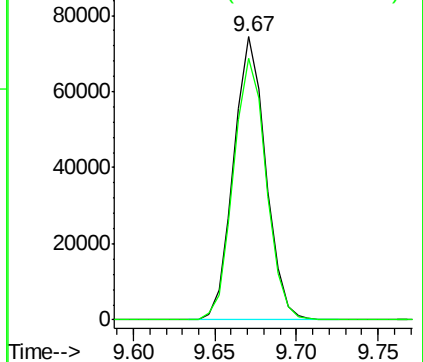
107 100

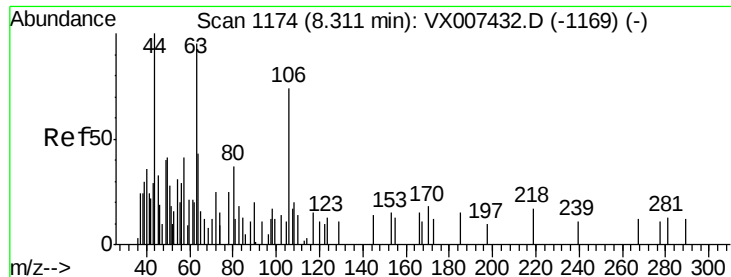
109 93.6 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 96.145 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

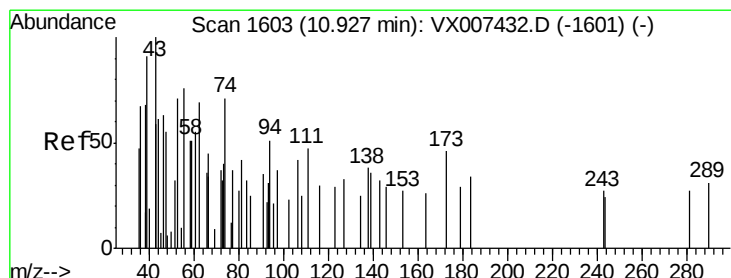
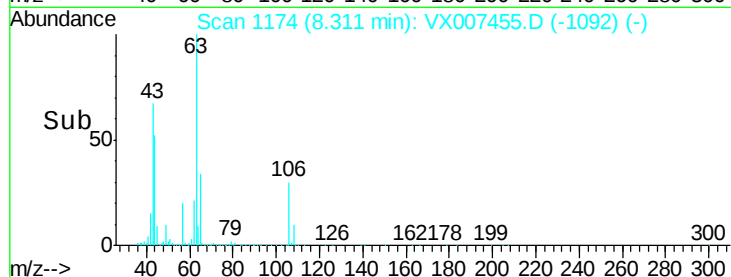
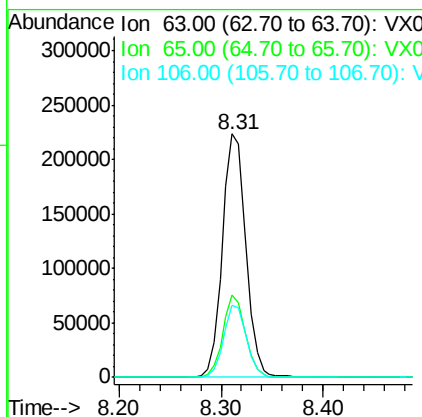
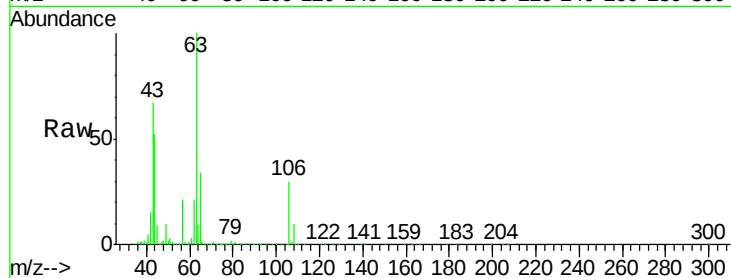
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	355726
Ion Ratio	Lower	Upper	
63	100		
65	32.3	25.9	38.9
106	29.1	23.8	35.8

Manual Integrations
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#56

Bromoform

Concen: 18.911 ug/l

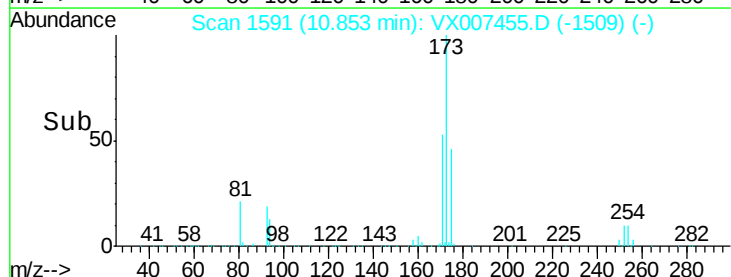
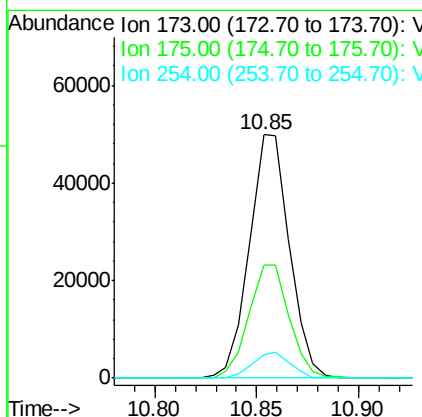
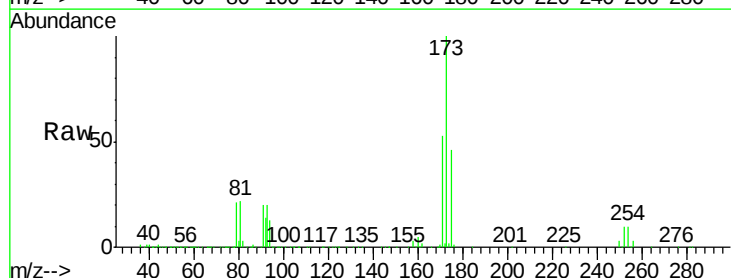
RT: 10.85 min Scan# 1591

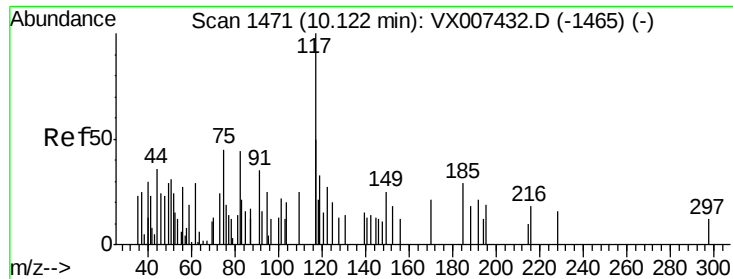
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion:	173	Resp:	68312
Ion Ratio	Lower	Upper	
173	100		
175	47.3	38.9	58.3
254	9.8	8.5	12.7





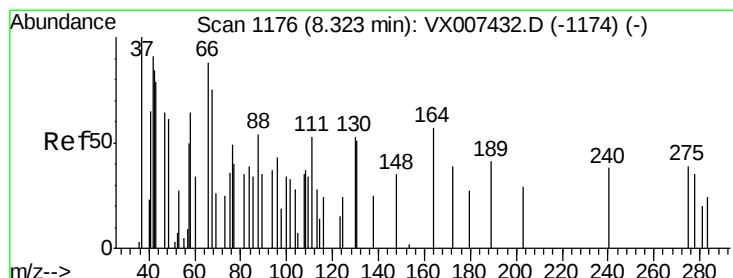
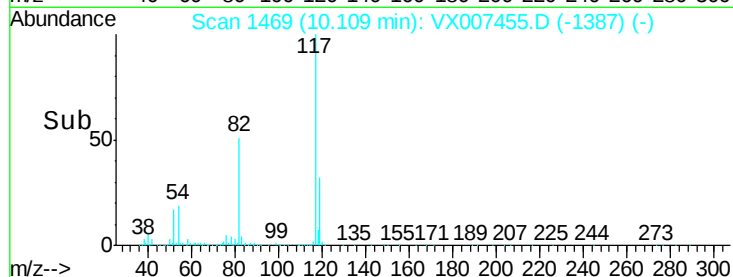
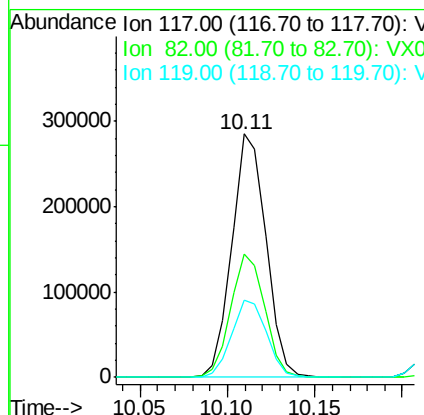
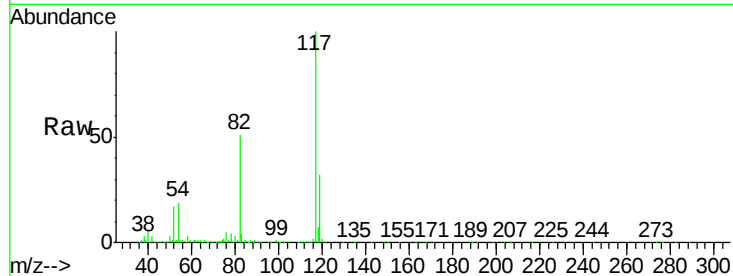
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.4	62.0
119	32.5	25.7	38.5

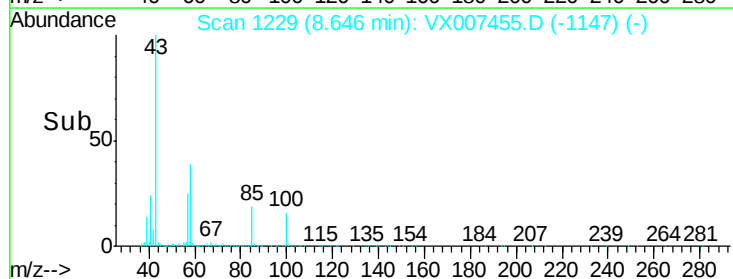
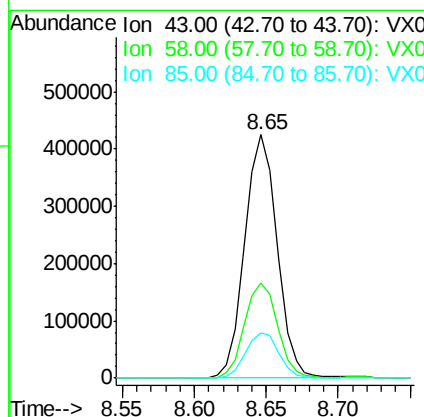
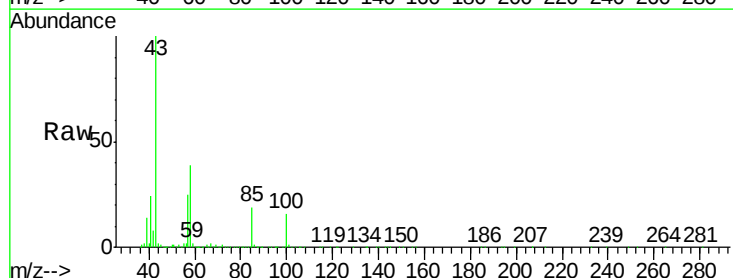
Manual Integrations
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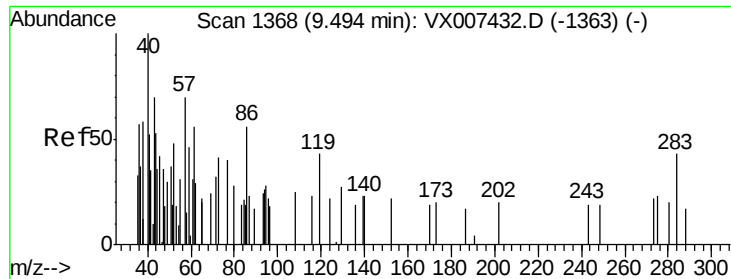
MMDadoda
2/11/2019 9:44:24 AM



#58
4-Methyl-2-Pentanone
Concen: 102.018 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.6	47.4
85	19.2	14.9	22.3





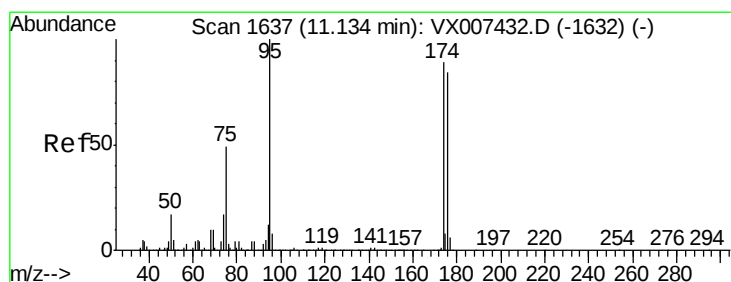
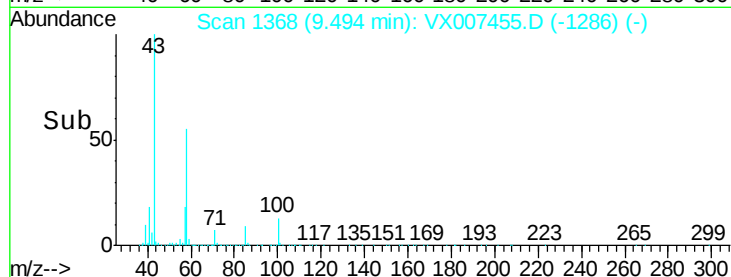
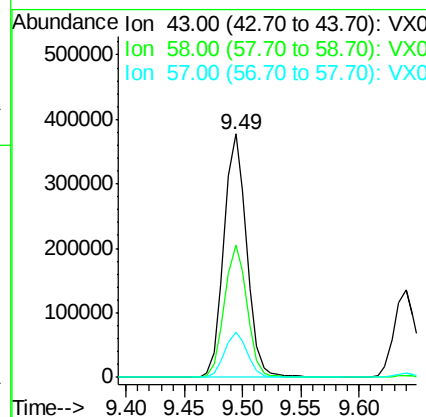
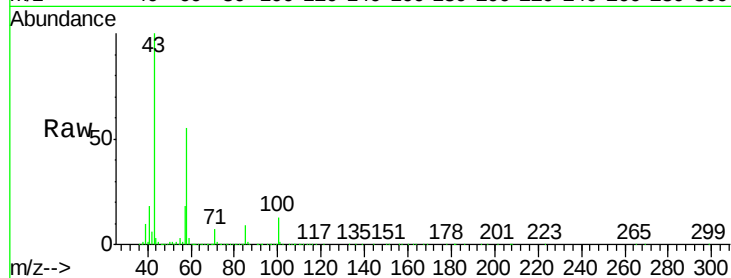
#59
2-Hexanone
Concen: 100.441 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.6	42.8	64.2
57	18.4	14.8	22.2

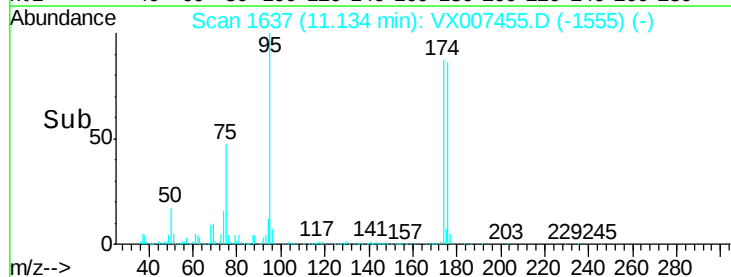
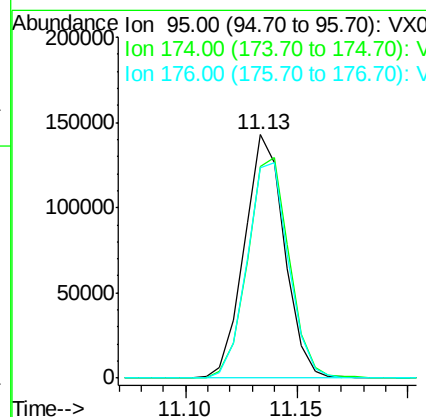
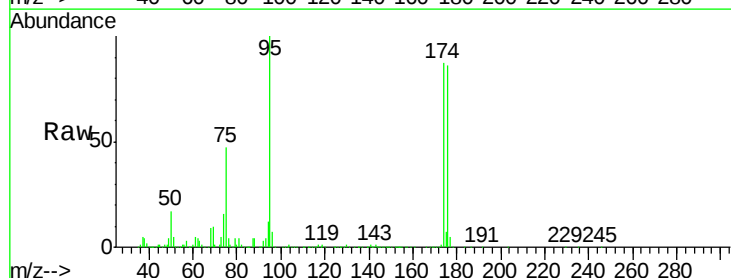
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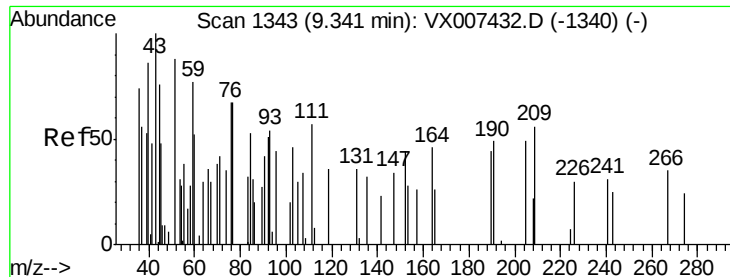
MMDadoda
2/11/2019 9:44:24 AM



#60
4-Bromofluorobenzene
Concen: 29.918 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.1	74.8	112.2
176	91.7	72.5	108.7





#61

Tetrachloroethene

Concen: 19.817 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 107259

Ion Ratio Lower Upper

164 100

166 123.7 101.6 152.4

129 85.8 70.6 106.0

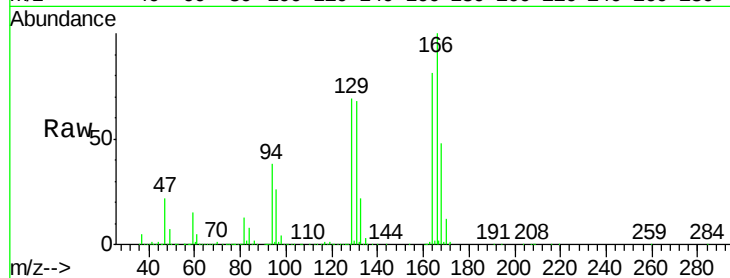
131 83.5 71.1 106.7

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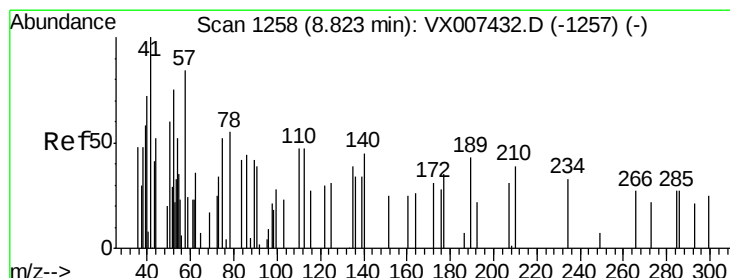
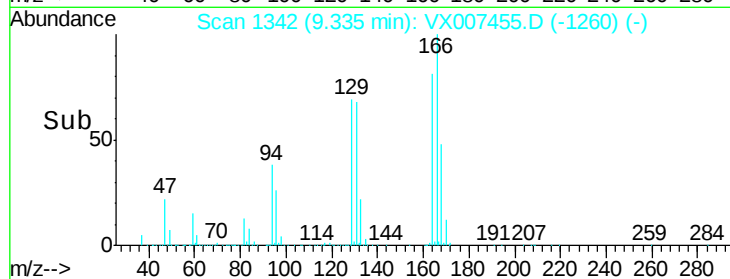
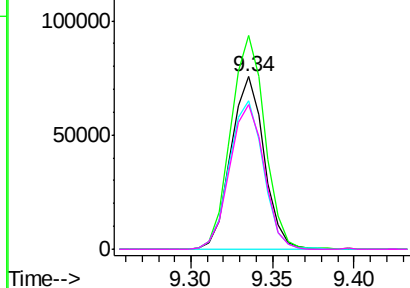


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.936 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007455.D

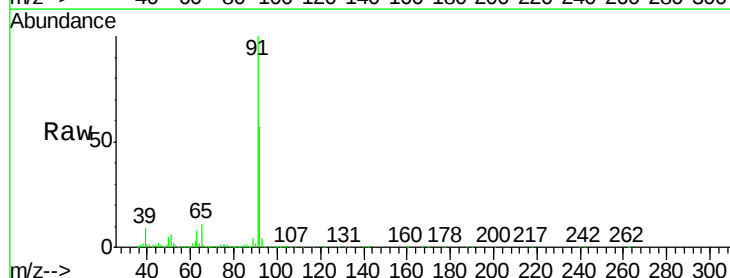
Acq: 08 Feb 2019 21:02

Tgt Ion: 91 Resp: 389656

Ion Ratio Lower Upper

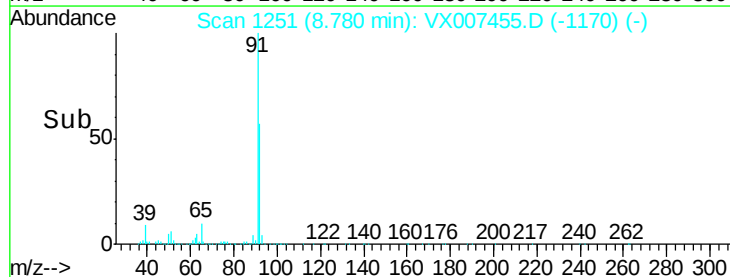
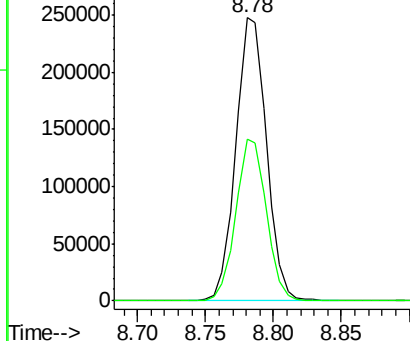
91 100

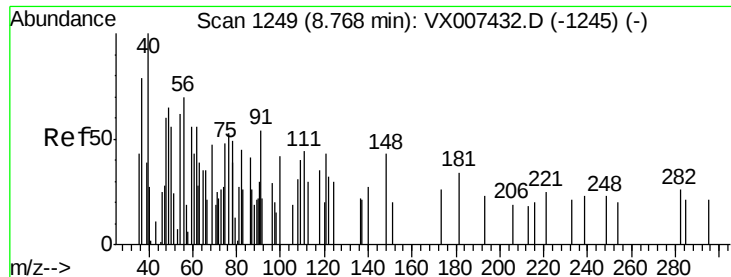
92 56.5 46.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





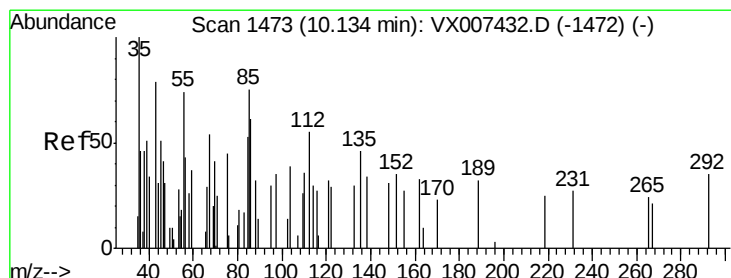
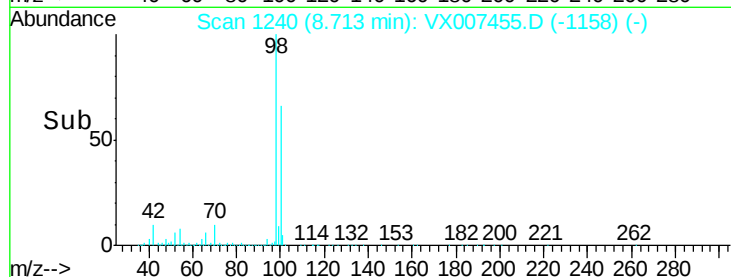
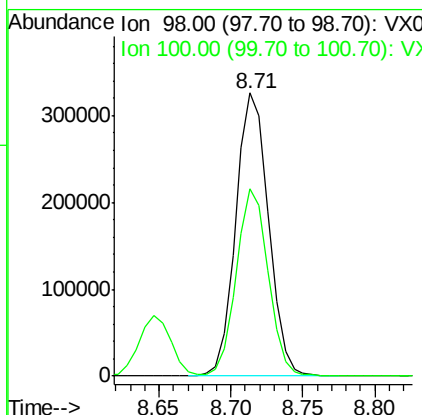
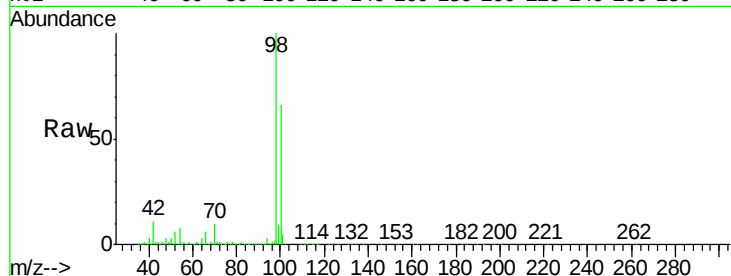
#63
Toluene-d8
Concen: 29.452 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 515483
Ion Ratio Lower Upper
98 100
100 64.8 49.9 74.9

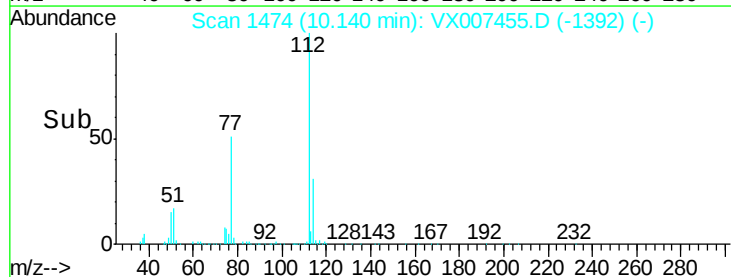
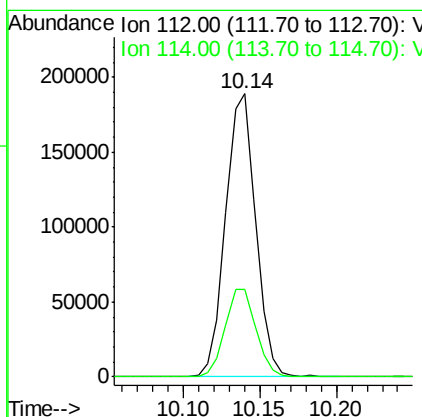
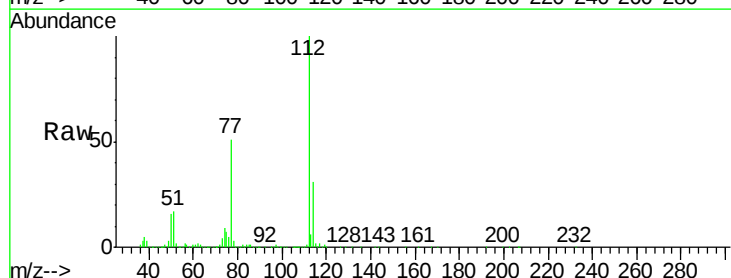
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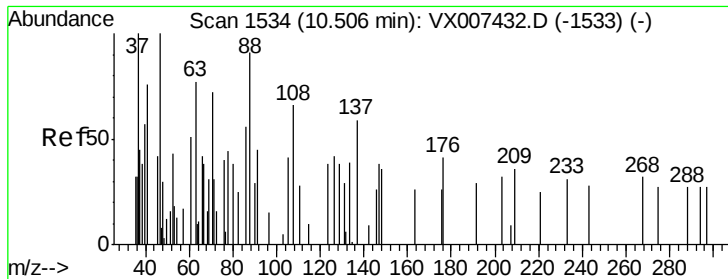
MMDadoda
2/11/2019 9:44:24 AM



#64
Chlorobenzene
Concen: 20.079 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion: 112 Resp: 258892
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0





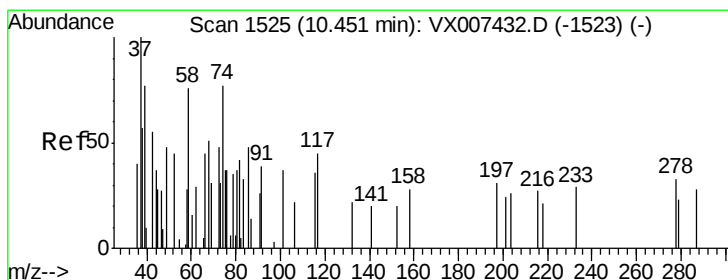
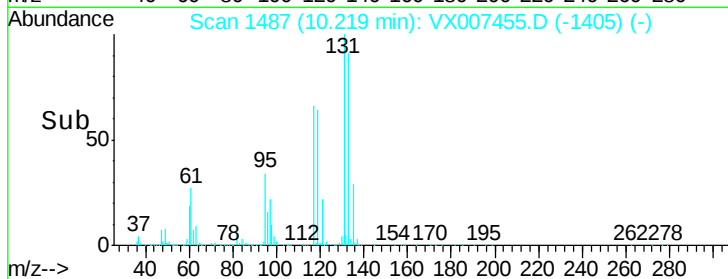
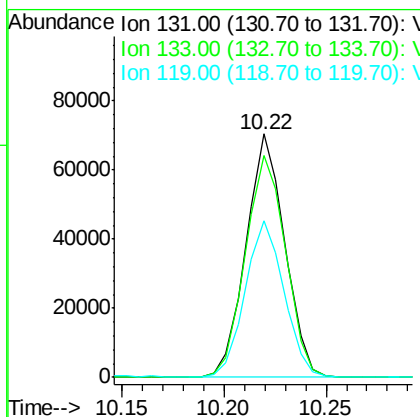
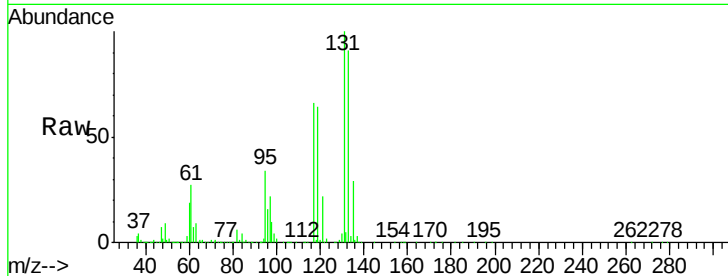
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.358 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.1	0.0	196.4
119	64.6	0.0	134.4

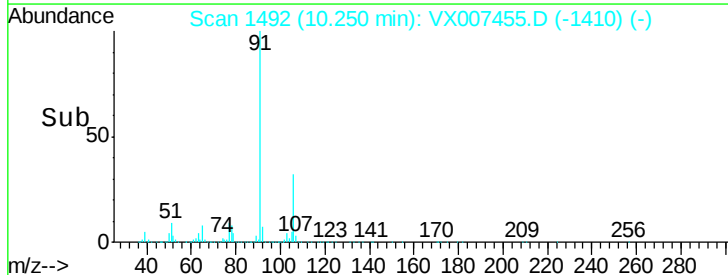
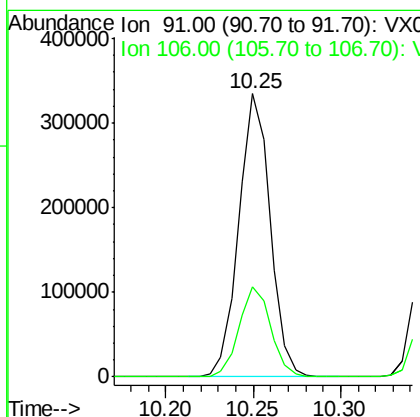
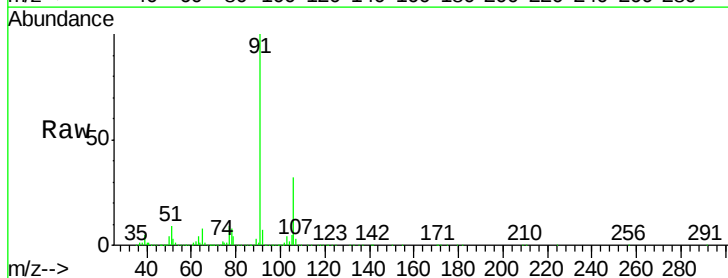
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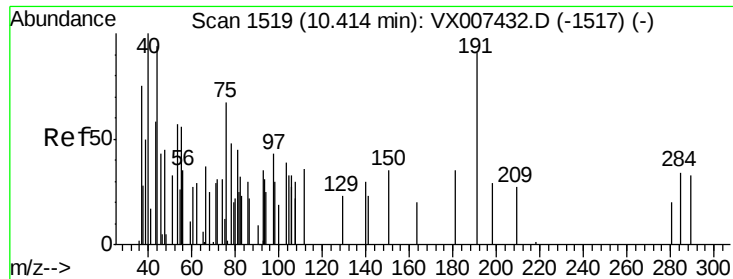
MMDadoda
 2/11/2019 9:44:24 AM



#66
 Ethyl Benzene
 Concen: 19.732 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.1	37.7





#67

m/p-Xvlenes

Concen: 39.357 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 329134

Ion Ratio Lower Upper

106 100

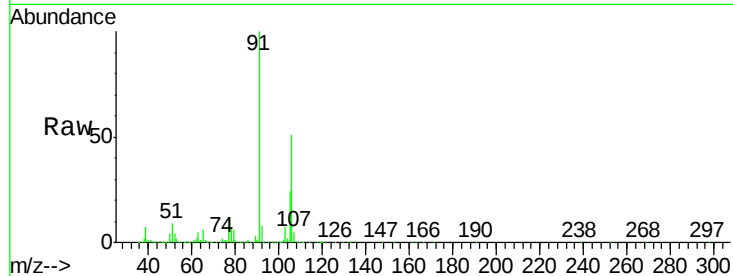
91 194.6 157.6 236.4

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

200000

100000

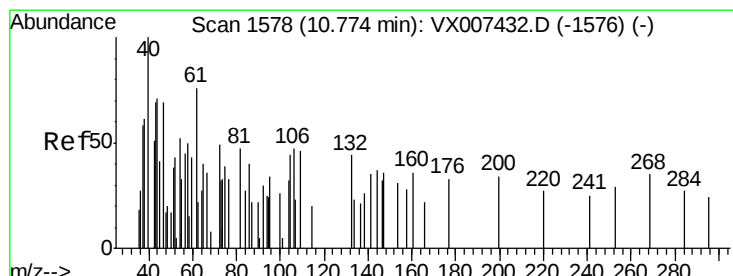
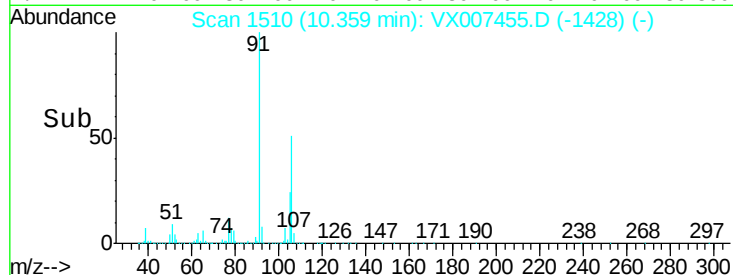
0

10.30

10.36

10.40

Time-->



#68

o-Xylene

Concen: 19.646 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX007455.D

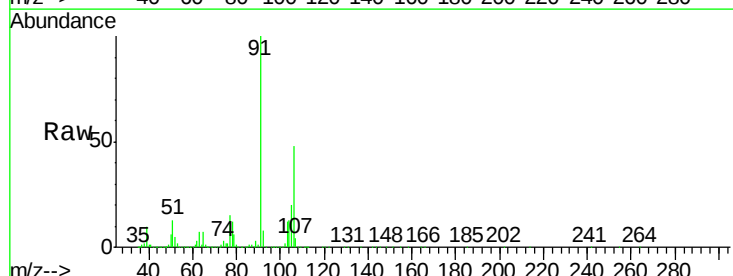
Acq: 08 Feb 2019 21:02

Tgt Ion:106 Resp: 160941

Ion Ratio Lower Upper

106 100

91 205.1 103.6 310.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

100000

50000

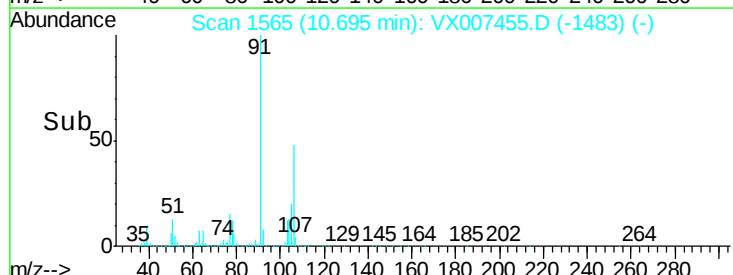
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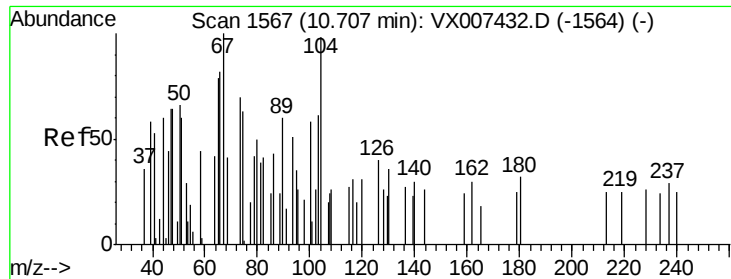
10.65

10.69

10.75

Time-->





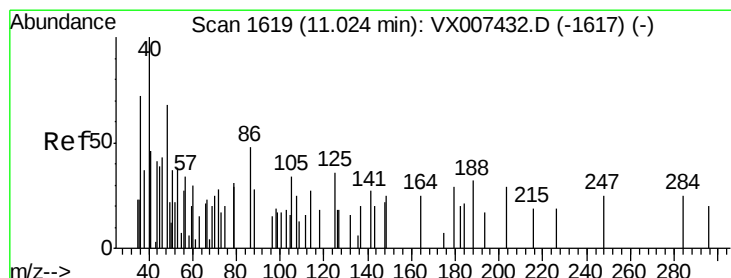
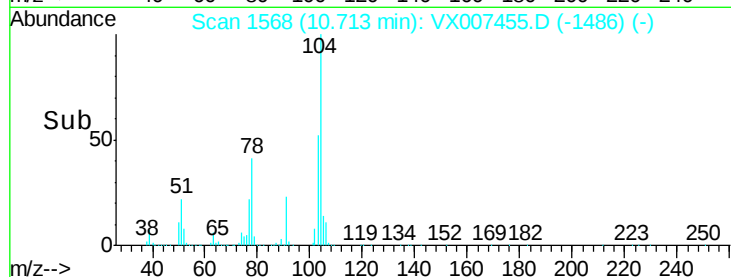
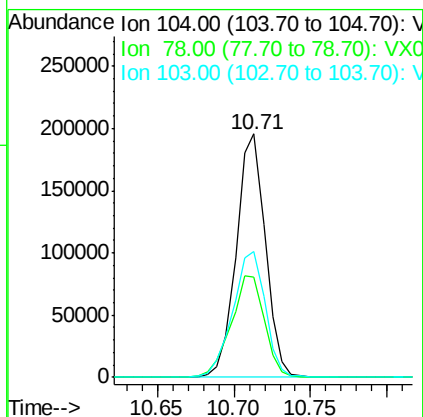
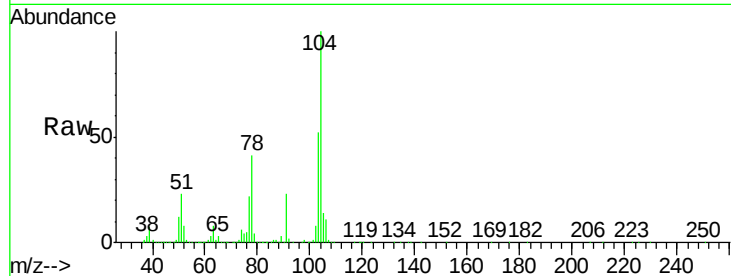
#69
Stvrene
Concen: 19.579 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		258766		
78	47.7	37.8	56.8		
103	57.6	45.3	67.9		

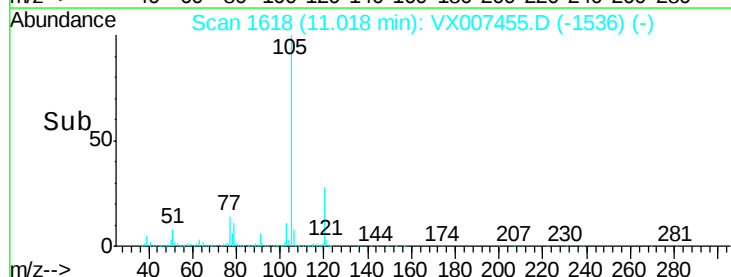
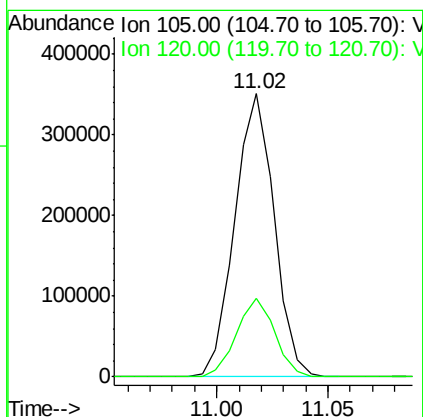
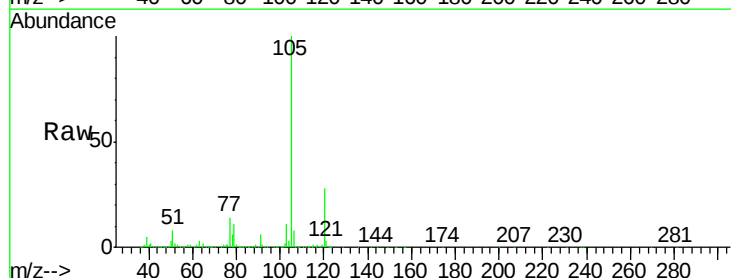
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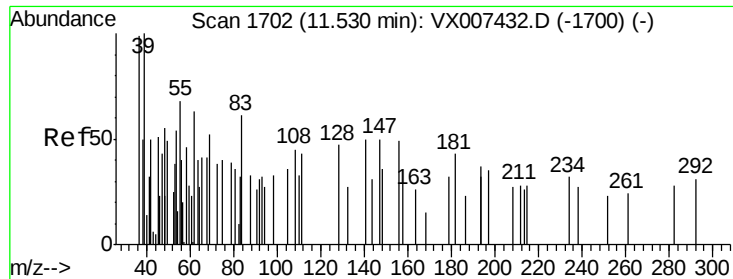
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#70
Isopropylbenzene
Concen: 19.972 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		433158		
120	27.1	19.9	36.9		





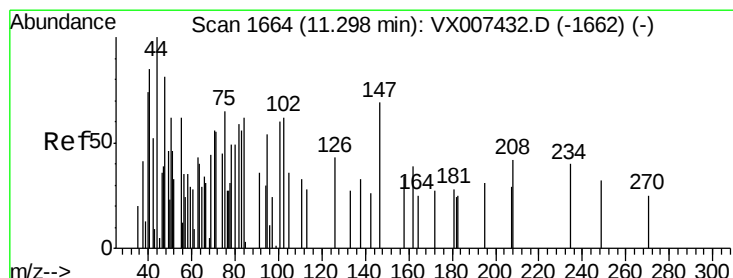
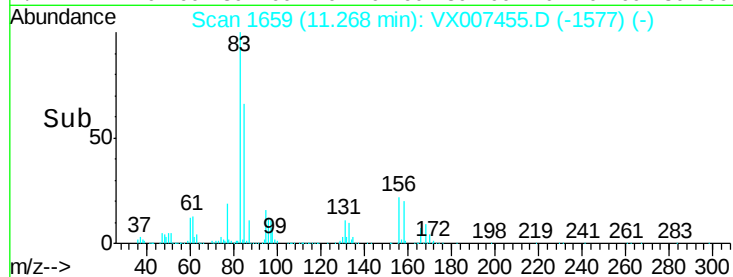
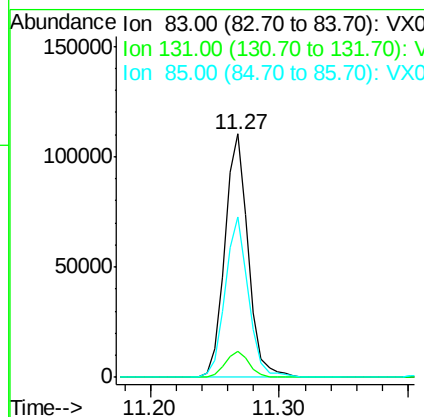
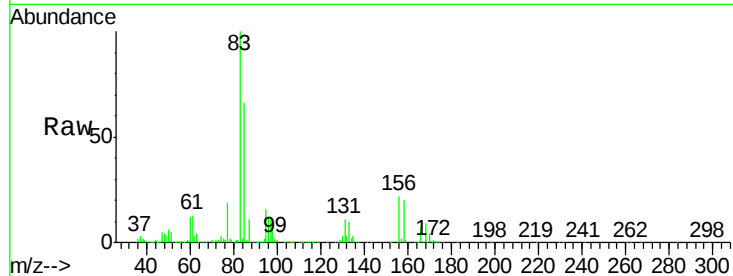
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.315 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.0	5.3	15.9	
85	65.6	31.8	95.3	

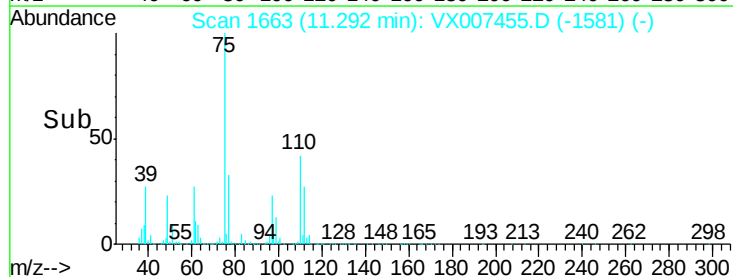
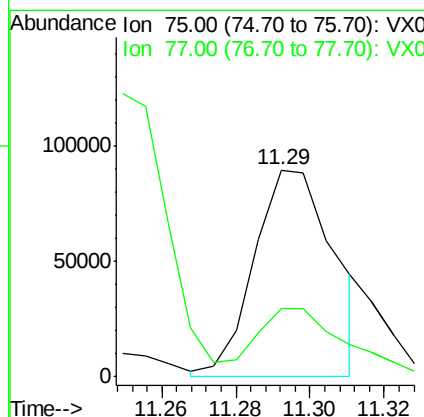
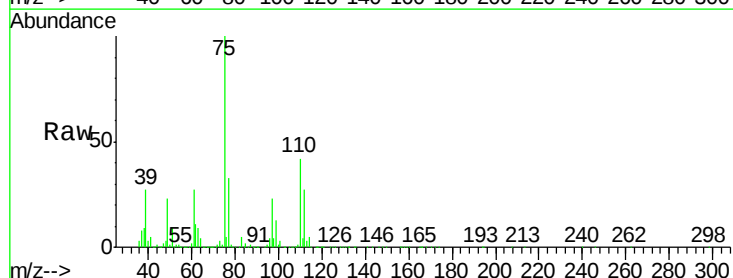
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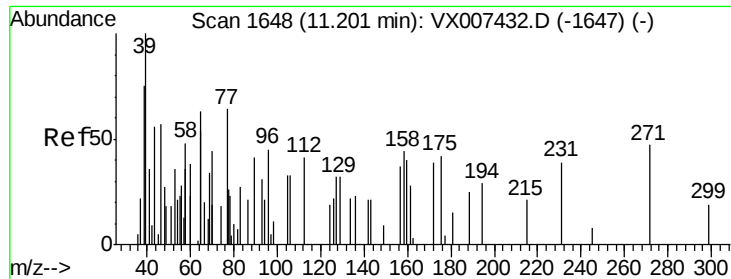
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 20.495 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	37.7	0.0	73.2	





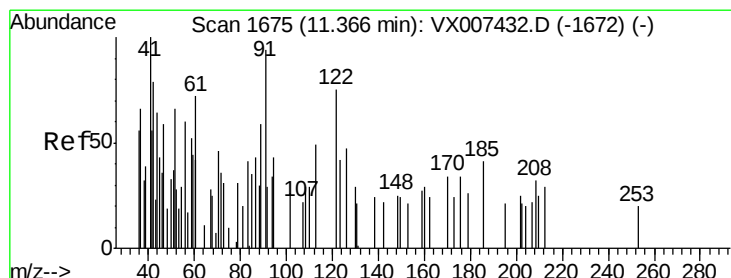
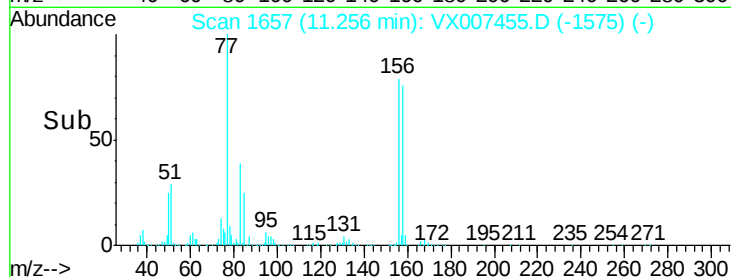
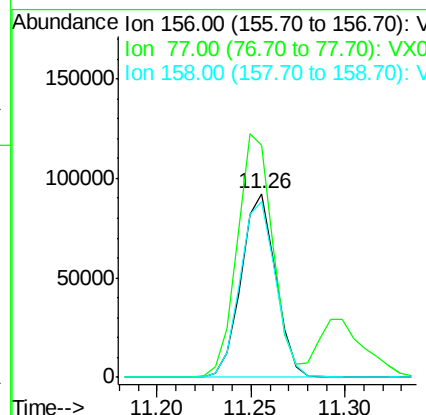
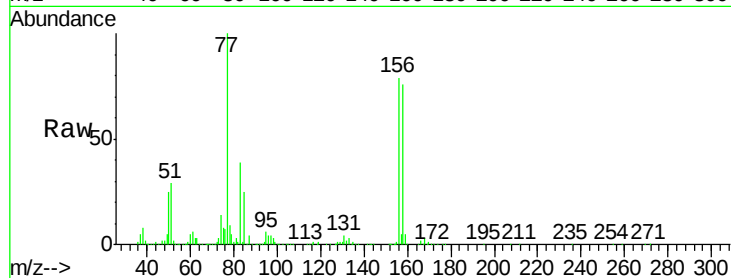
#73
Bromobenzene
Concen: 19.597 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.6	0.0	267.0
158	98.4	0.0	194.6

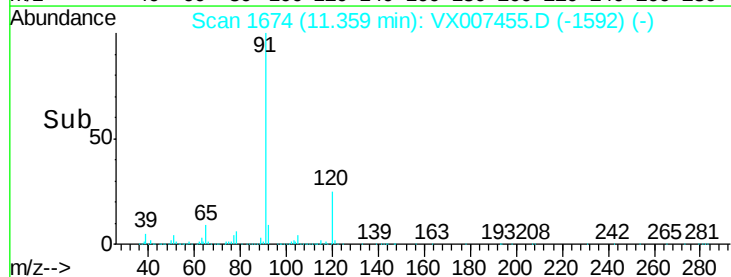
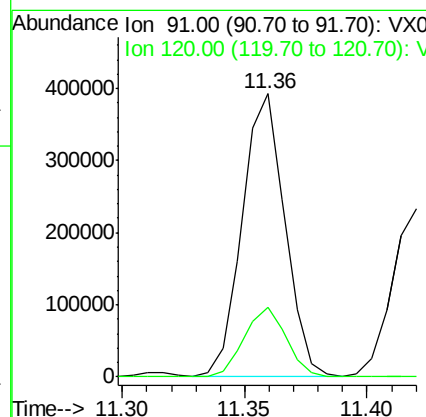
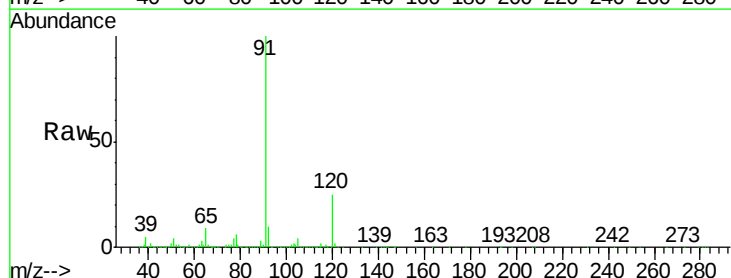
Manual Integrations
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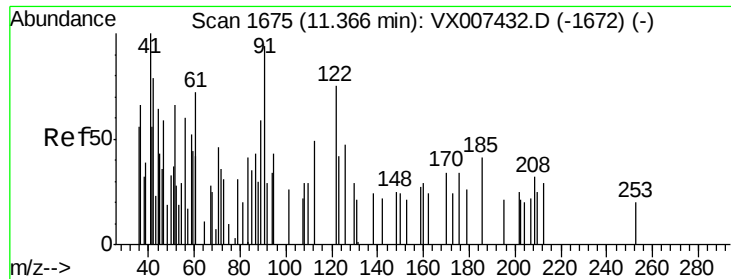
MMDadoda
2/11/2019 9:44:24 AM



#74
n-propylbenzene
Concen: 19.524 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	0.0	48.0





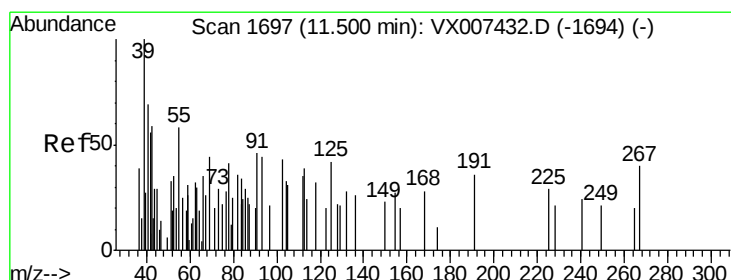
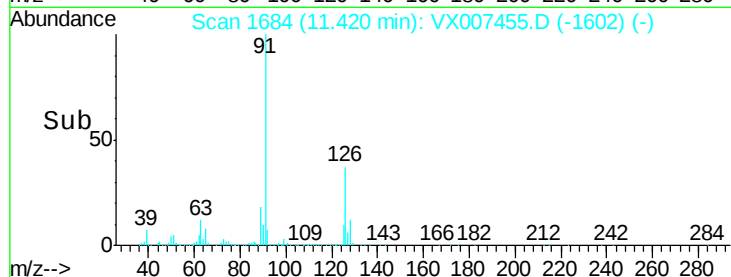
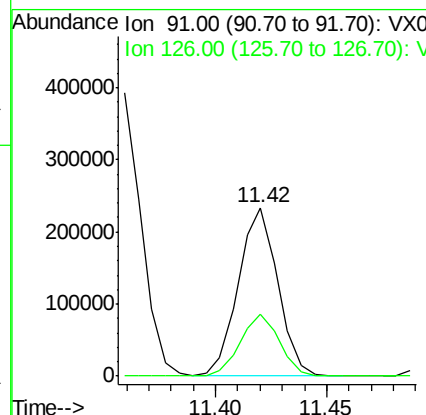
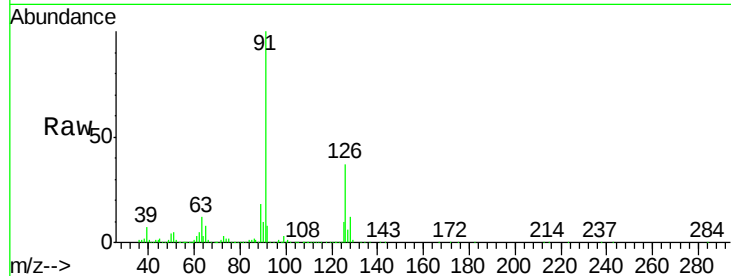
#75
 2-Chlorotoluene
 Concen: 20.003 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020EC

Tot Ion: 91 Resp: 289537
 Ion Ratio Lower Upper
 91 100
 126 36.1 0.0 72.8

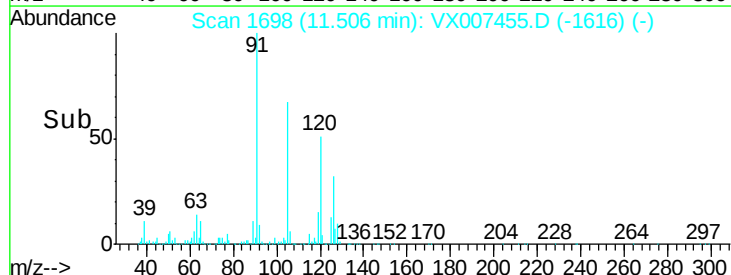
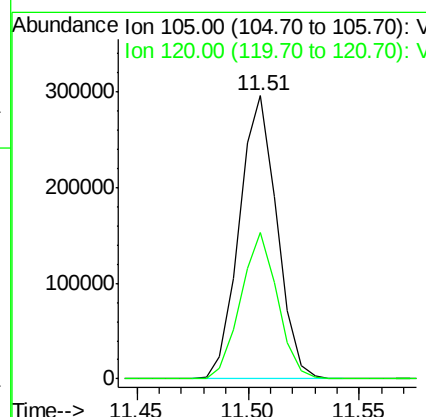
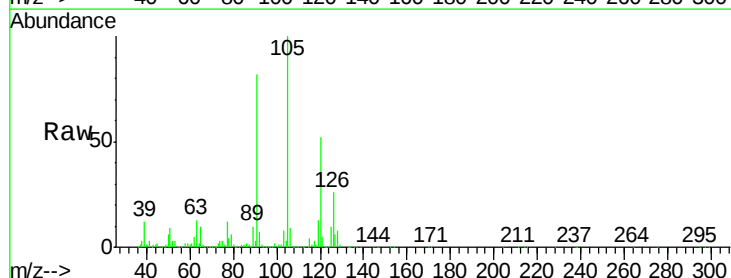
Manual Integrations
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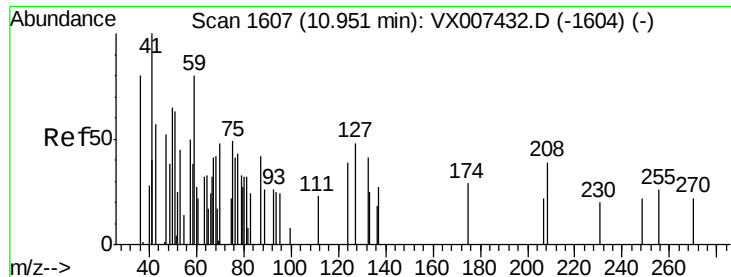
MMDadoda
 2/11/2019 9:44:24 AM



#76
 1,3,5-Trimethylbenzene
 Concen: 19.210 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion: 105 Resp: 347717
 Ion Ratio Lower Upper
 105 100
 120 50.6 0.0 99.8





#77

t-1,4-Dichloro-2-butene

Concen: 17.708 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 75 Resp: 33588

Ion Ratio Lower Upper

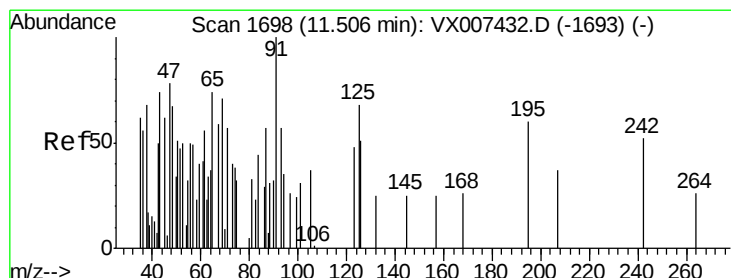
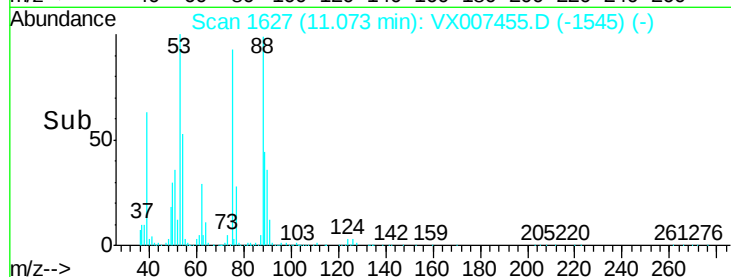
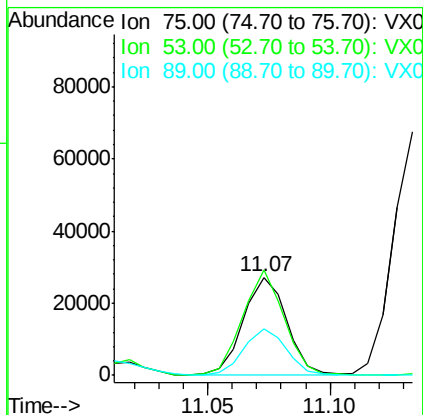
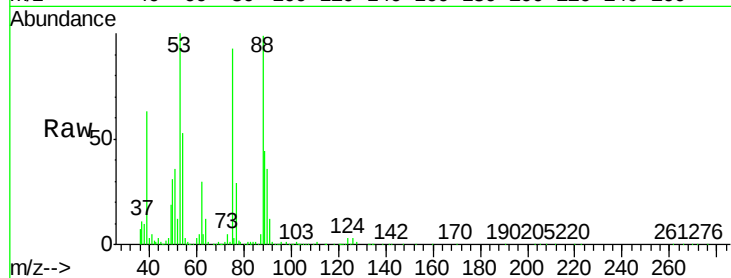
75 100

53 107.7 55.9 167.6

89 47.3 24.1 72.4

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#78

4-Chlorotoluene

Concen: 19.190 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007455.D

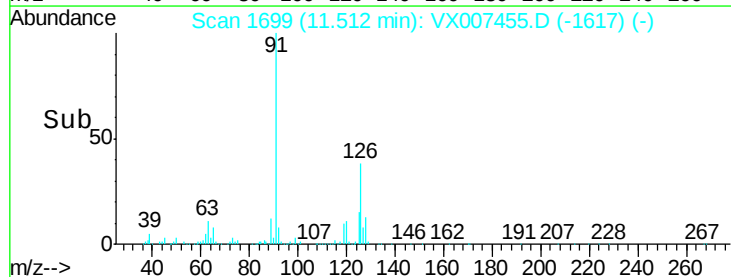
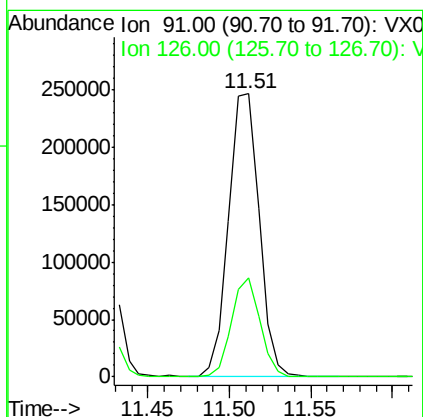
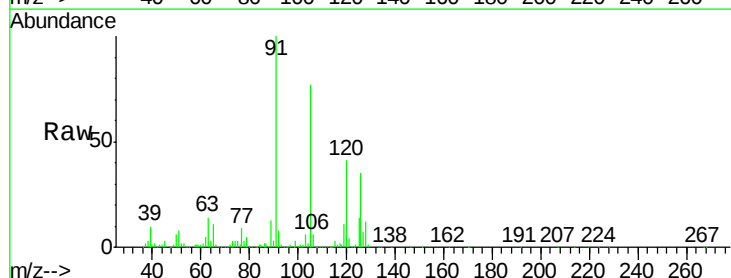
Acq: 08 Feb 2019 21:02

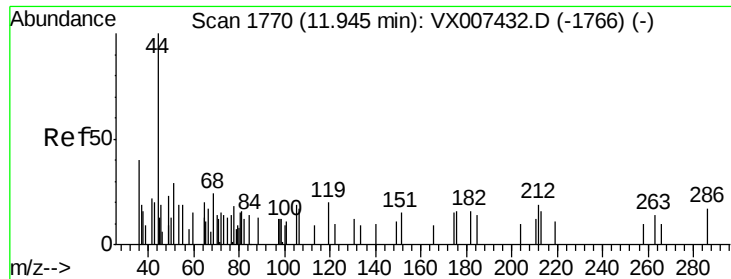
Tgt Ion: 91 Resp: 323410

Ion Ratio Lower Upper

91 100

126 32.3 0.0 63.8





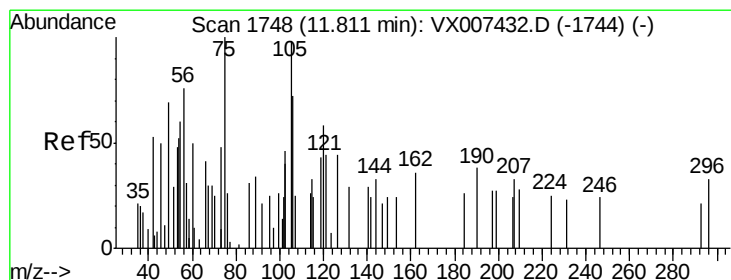
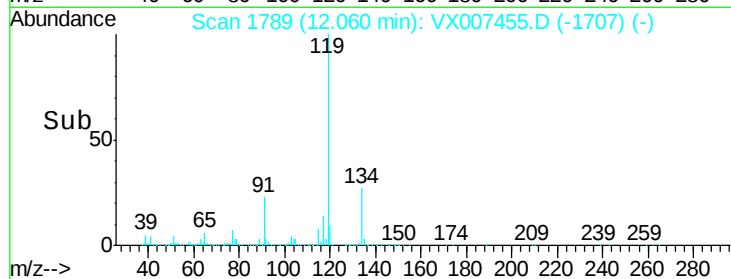
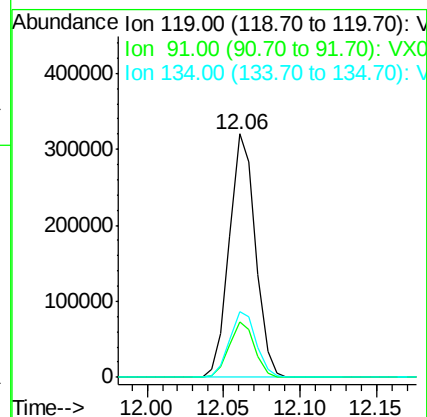
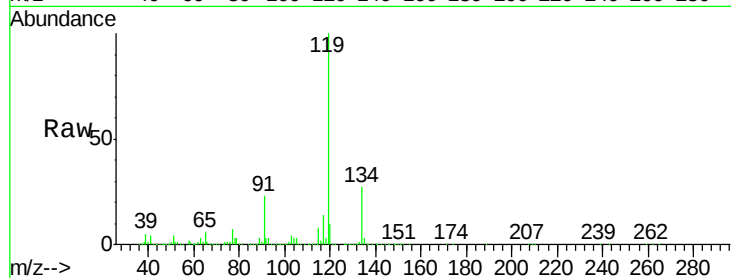
#79
tert-butylbenzene
Concen: 19.360 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	379154		
91	22.4	0.0	45.0	
134	27.5	0.0	55.8	

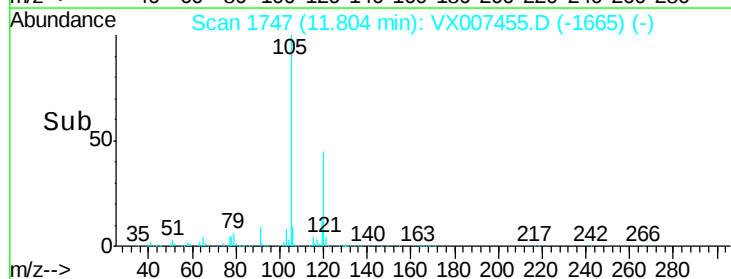
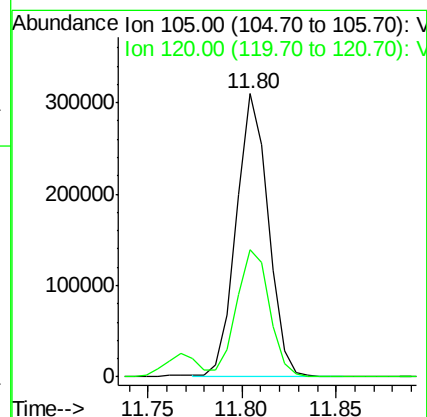
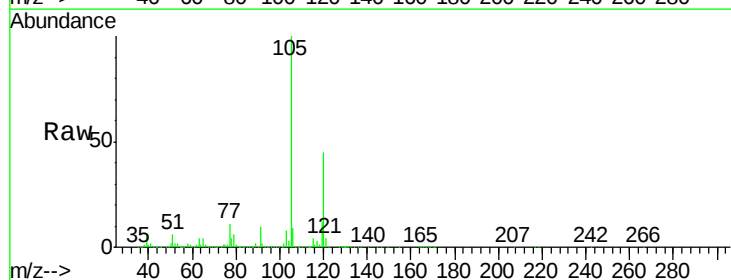
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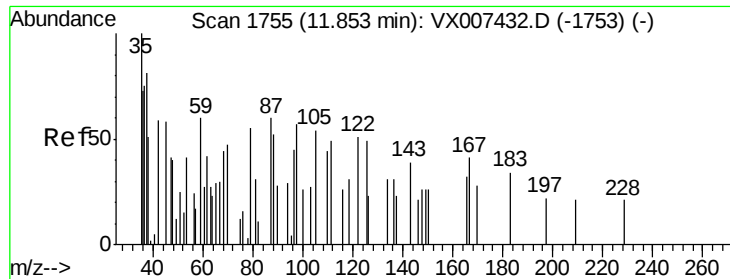
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#80
1,2,4-Trimethylbenzene
Concen: 19.920 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365103		
120	46.6	0.0	94.4	





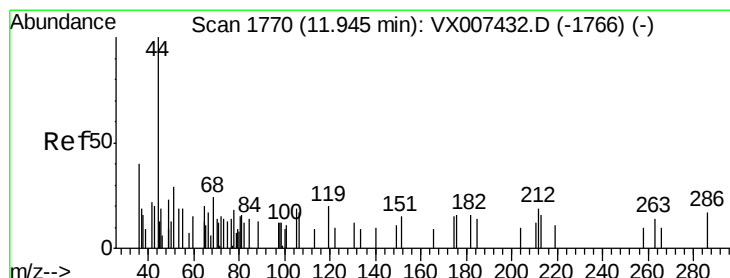
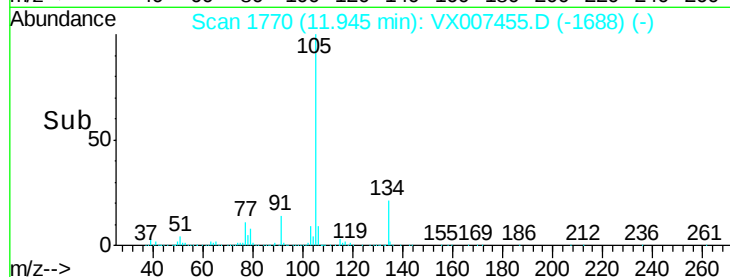
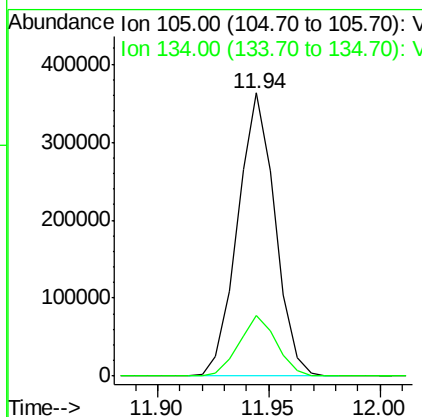
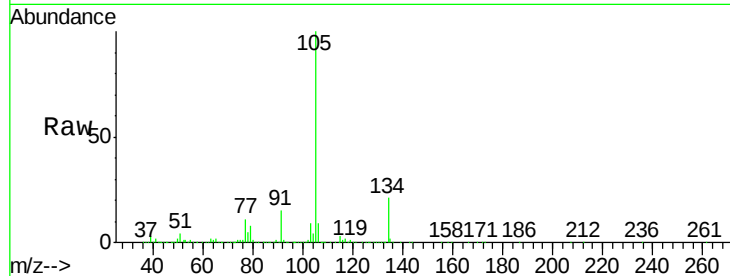
#81
 sec-Butylbenzene
 Concen: 19.405 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	423545		
134	21.5	0.0	42.2	

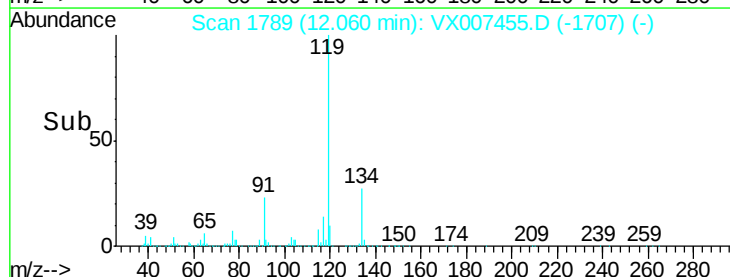
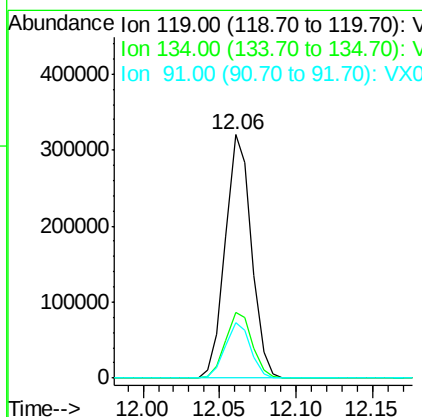
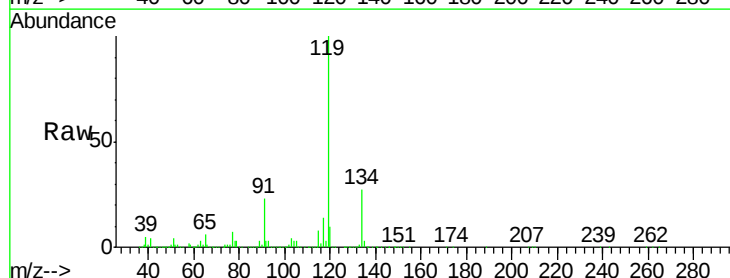
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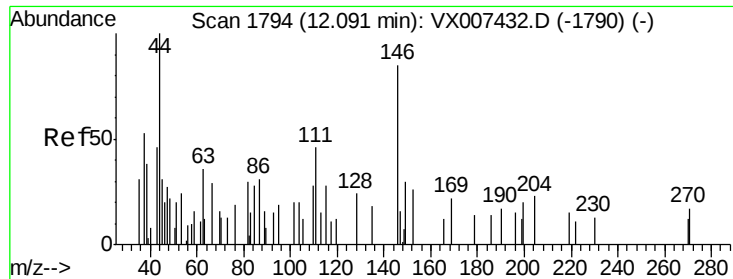
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#82
 p-Isopropyltoluene
 Concen: 19.360 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	379154		
134	27.5	0.0	55.8	
91	22.4	0.0	45.0	





#83

1,3-Dichlorobenzene

Concen: 19.529 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007455.D

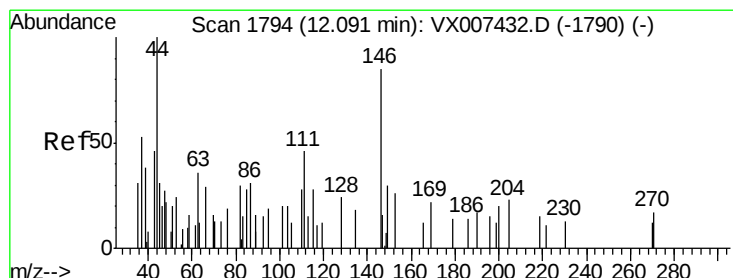
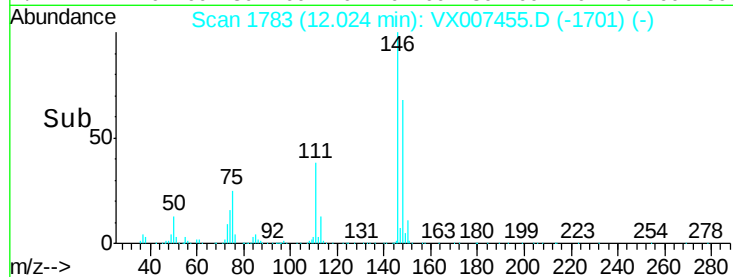
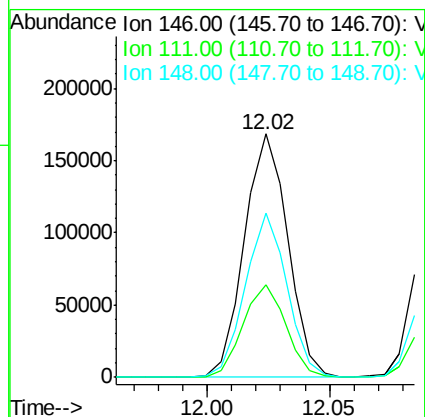
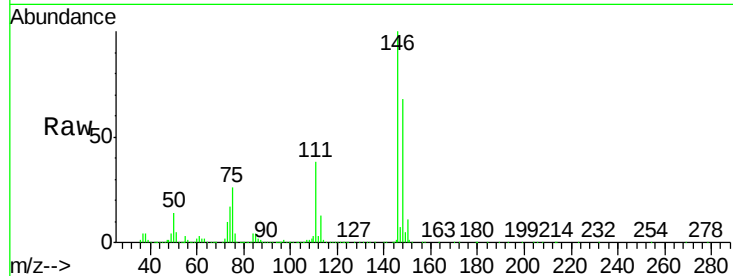
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	65.4	31.6	94.7

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#84

1,4-Dichlorobenzene

Concen: 19.619 ug/l

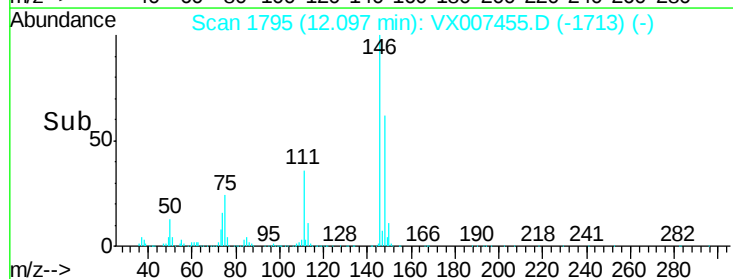
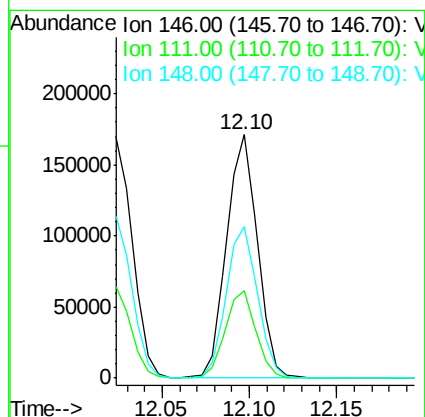
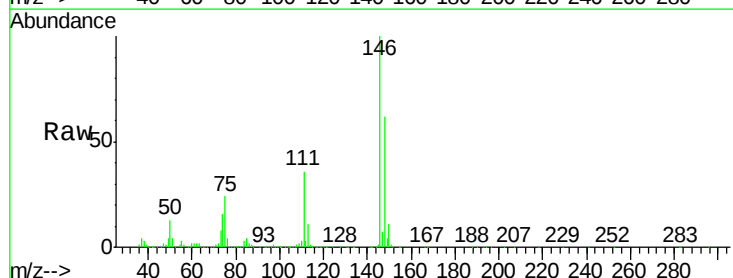
RT: 12.10 min Scan# 1795

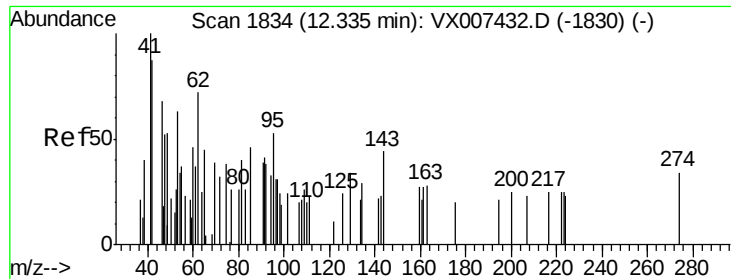
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.4	52.2
148	63.4	31.9	95.5





#85

n-Butylbenzene

Concen: 18.144 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Instrument :

MSVOA_X

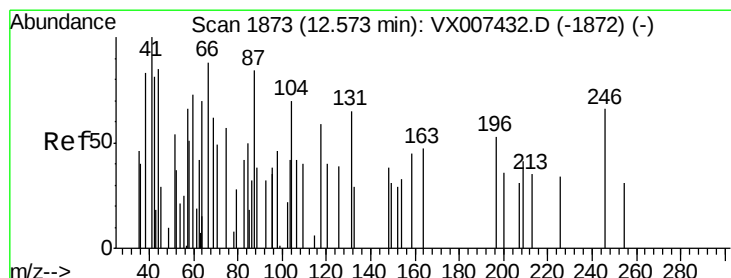
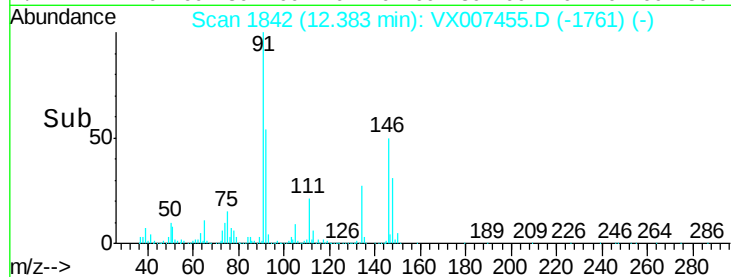
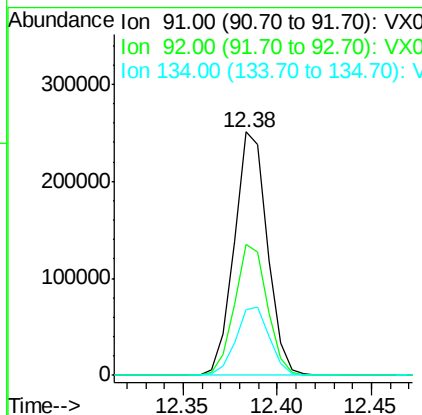
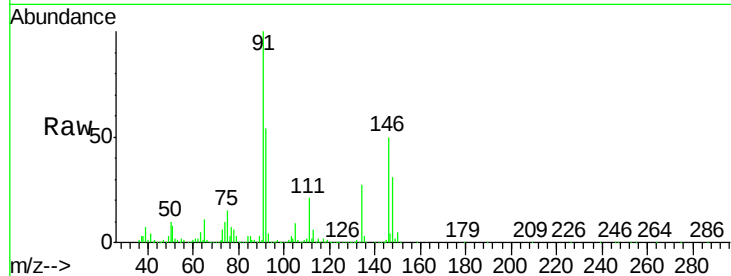
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	304957
Ion Ratio	Lower	Upper	
91	100		
92	53.3	0.0	106.2
134	28.3	0.0	55.4

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#86

Hexachloroethane

Concen: 18.563 ug/l

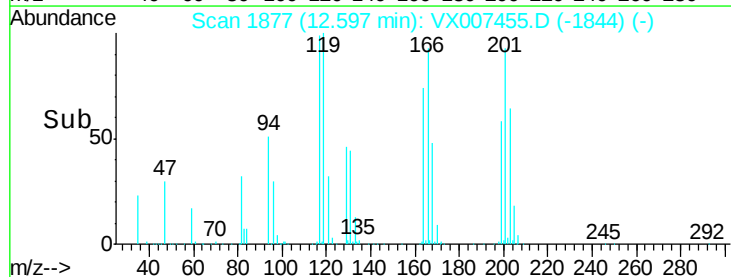
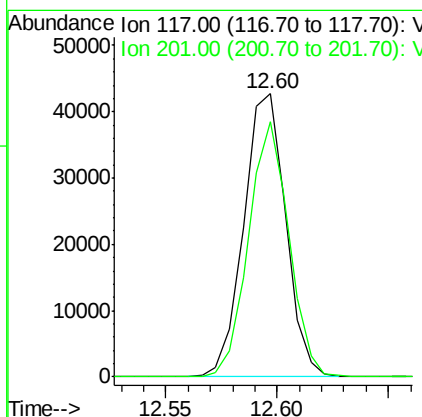
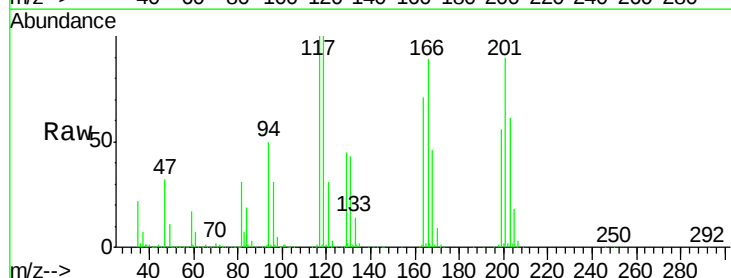
RT: 12.60 min Scan# 1877

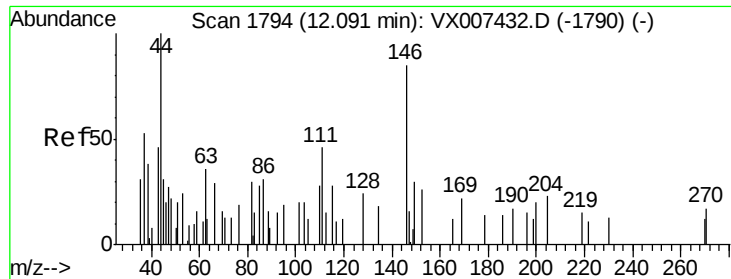
Delta R.T. -0.00 min

Lab File: VX007455.D

Acq: 08 Feb 2019 21:02

Tgt Ion:	117	Resp:	56209
Ion Ratio	Lower	Upper	
117	100		
201	86.4	41.6	124.8





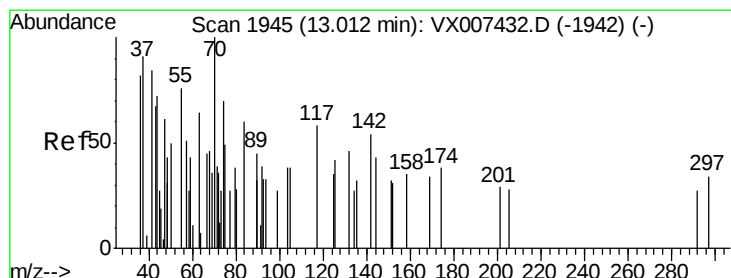
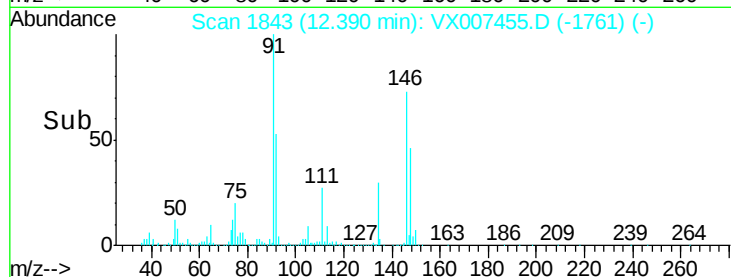
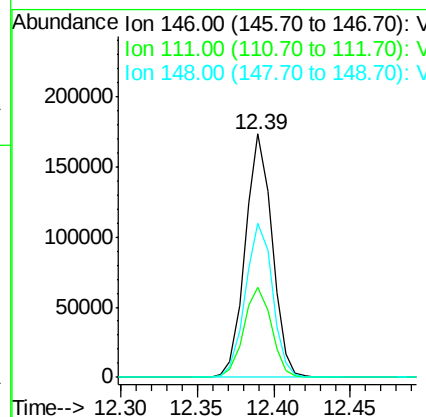
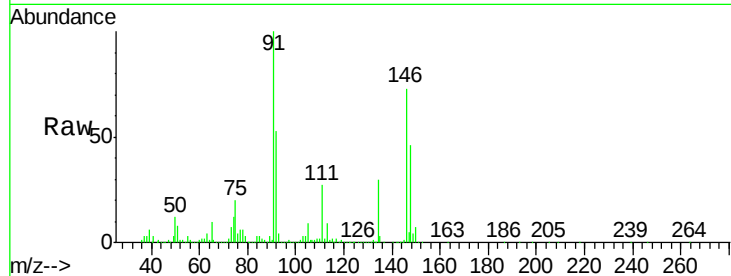
#87
 1,2-Dichlorobenzene
 Concen: 19.930 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.9
148	63.9	32.0	96.0

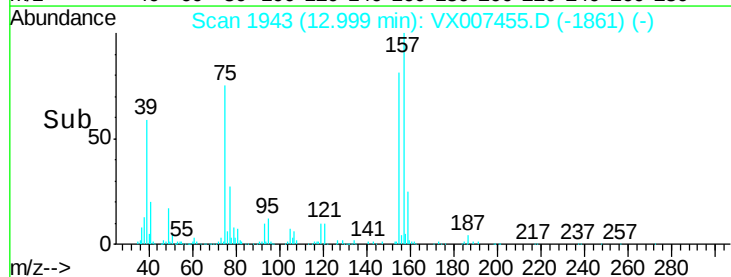
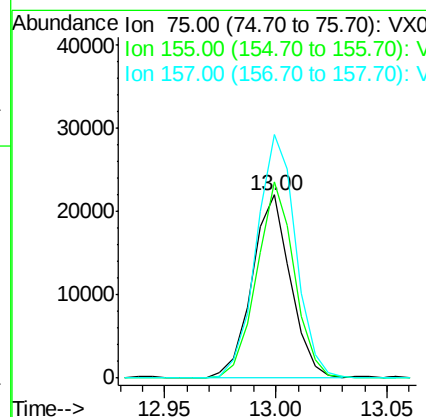
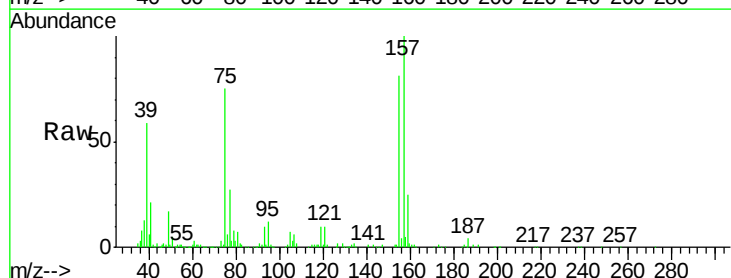
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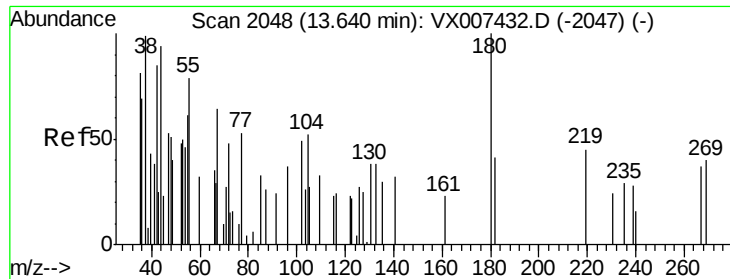
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.717 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.6	82.8	124.2
157	136.3	106.9	160.3





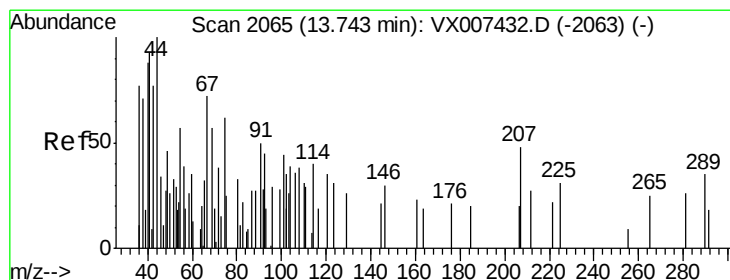
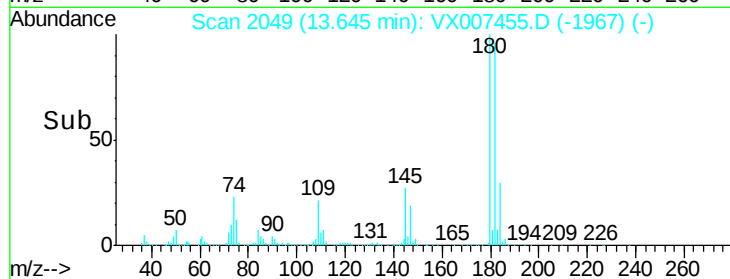
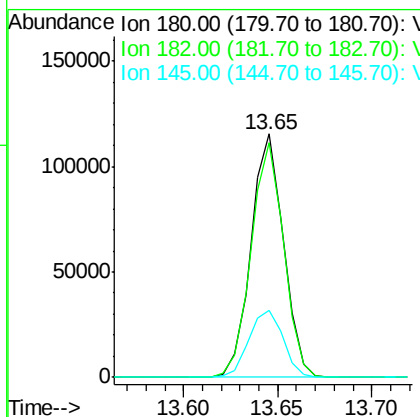
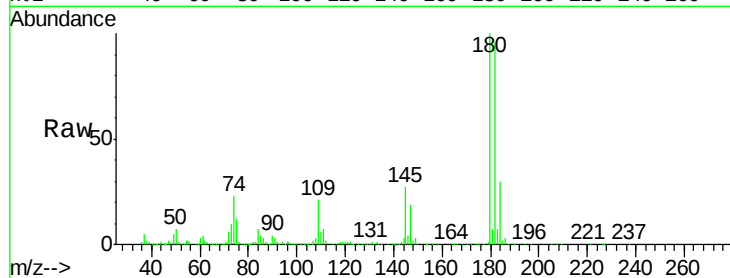
#89
 1,2,4-Trichlorobenzene
 Concen: 18.934 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.7	115.1
145	28.9	23.1	34.7

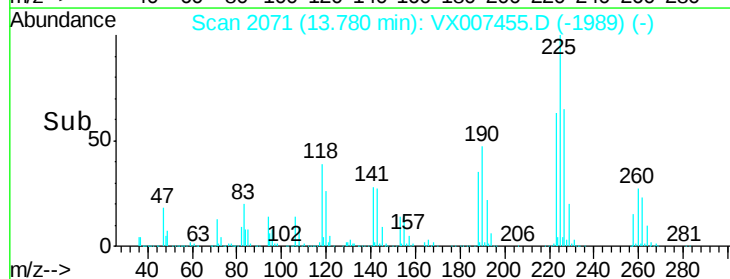
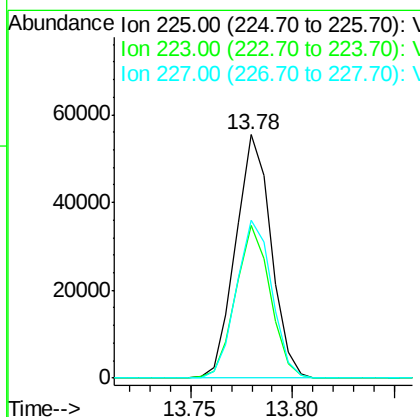
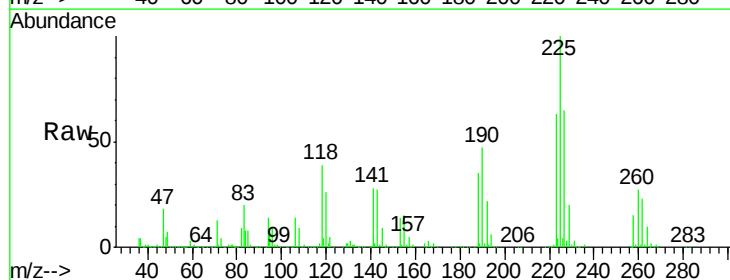
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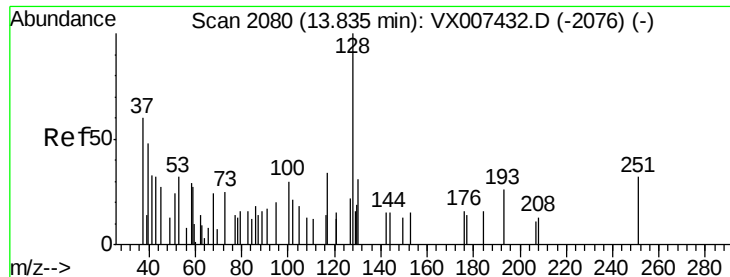
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#90
 Hexachlorobutadiene
 Concen: 19.211 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007455.D
 Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	0.0	124.6
227	65.4	0.0	128.2





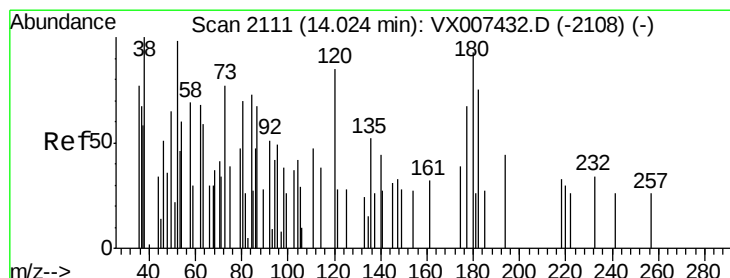
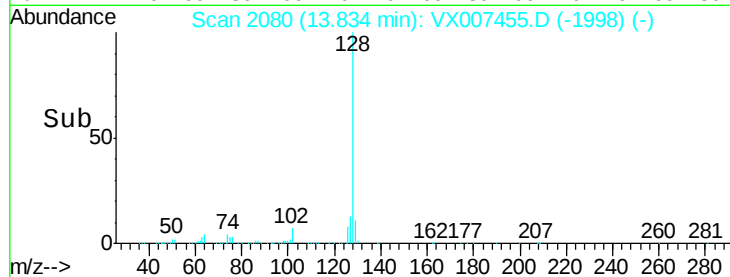
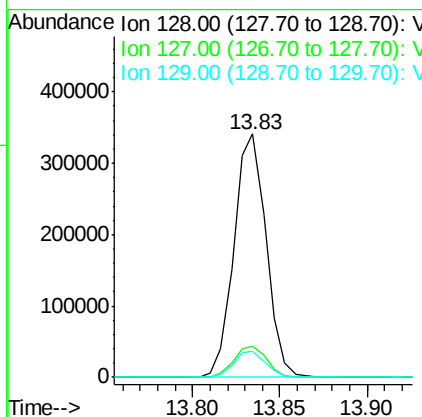
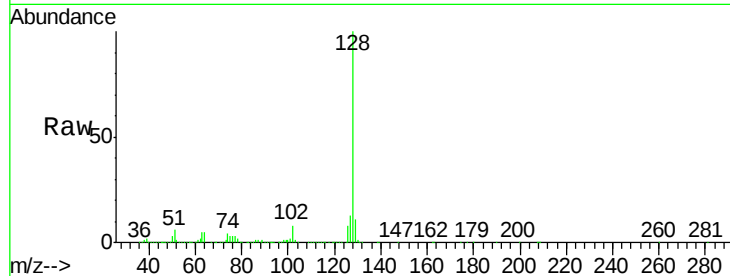
#91
Naphthalene
Concen: 19.742 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	435898		
127	13.0		10.6	16.0
129	10.9		8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 19.617 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007455.D
Acq: 08 Feb 2019 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141885		
182	94.8		0.0	187.6
145	30.8		0.0	62.0

