

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021319\
 Data File : VX007499.D
 Acq On : 12 Feb 2019 22:36
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 11:52:34 AM

Quant Time: Feb 13 07:52:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:08:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	78257	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	394388	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	355250	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	149960	29.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.47%
60) 4-Bromofluorobenzene	11.13	95	158959	29.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.00%
63) Toluene-d8	8.71	98	484873	30.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	19655	5.361 ug/l	92
3) Chloromethane	1.33	50	21594	5.324 ug/l	99
4) Vinyl Chloride	1.41	62	25141	5.505 ug/l	94
5) Bromomethane	1.64	94	22740	5.022 ug/l	100
6) Chloroethane	1.72	64	16534	5.378 ug/l	92
7) Trichlorofluoromethane	1.93	101	37898	4.973 ug/l	100
8) Diethyl Ether	2.19	74	15709	5.412 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	22206	4.976 ug/l	96
10) 1,1-Dichloroethene	2.38	96	20854	5.061 ug/l	89
11) Methyl Iodide	2.51	142	24003	3.702 ug/l	98
12) Methyl Acetate	2.78	43	35808	5.359 ug/l	94
13) Acrolein	2.29	56	25570	42.484 ug/l	100
14) Acrylonitrile	3.15	53	68369	26.193 ug/l	97
15) Acetone	2.45	58	19003	25.937 ug/l	88
16) Carbon Disulfide	2.57	76	49554	4.863 ug/l	95
17) Allyl chloride	2.73	41	35795	5.043 ug/l	95
18) Methylene Chloride	2.86	84	25412	5.405 ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	22863	5.148 ug/l	94
20) Diisopropyl ether	3.87	45	68541	5.162 ug/l	92
21) 1,1-Dichloroethane	3.70	63	39896	5.290 ug/l	93
22) cis-1,2-Dichloroethene	4.60	96	25035	5.102 ug/l	97
23) tert-Butyl Alcohol	3.07	59	28748	26.327 ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	74379	5.180 ug/l	99
25) Chloroform	5.21	83	41982	5.361 ug/l	97
26) Cyclohexane	5.57	56	29993	4.688 ug/l	# 94
29) 1,1-Dichloropropene	5.79	75	27112	5.191 ug/l	98
30) 2-Butanone	4.70	43	82045	26.460 ug/l	97
31) 2,2-Dichloropropane	4.59	77	22090m	4.345 ug/l	
32) 1,1,1-Trichloroethane	5.49	97	32004	5.158 ug/l	95
33) Carbon Tetrachloride	5.79	117	28354	5.193 ug/l	98
34) Benzene	6.14	78	91819	5.679 ug/l	97
35) Methacrylonitrile	5.06	41	17451	5.487 ug/l	84
36) 1,2-Dichloroethane	6.20	62	31938m	5.741 ug/l	
37) Trichloroethene	7.21	130	25875	5.451 ug/l	94
38) Methylcyclohexane	7.46	83	31071	4.743 ug/l	96
39) 1,2-Dichloropropane	7.51	63	22718	5.600 ug/l	96
40) Dibromomethane	7.66	93	15947	5.424 ug/l	94

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 11:52:34 AM

Quant Time: Feb 13 07:52:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:08:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	26206	5.092	ug/l	99
42) Vinyl Acetate	3.82	43	266764	24.928	ug/l	99
43) Ethyl Acetate	4.86	43	30952	5.281	ug/l #	91
44) Isopropyl Acetate	6.46	43	46507	5.104	ug/l	99
45) 1,4-Dioxane	7.76	88	10865	99.183	ug/l	90
46) Methyl methacrylate	7.77	41	23630	5.102	ug/l	90
47) n-amyl Acetate	10.90	43	36462	4.568	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	24013	4.331	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	28256	4.581	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	23129	5.289	ug/l	97
51) Ethyl methacrylate	9.18	69	31750	5.065	ug/l	93
52) 1,3-Dichloropropane	9.37	76	37947	5.409	ug/l	97
53) Dibromochloromethane	9.59	129	20815	4.699	ug/l	99
54) 1,2-Dibromoethane	9.67	107	25512	5.430	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	79495	23.596	ug/l	98
56) Bromoform	10.86	173	14113	4.190	ug/l	97
58) 4-Methyl-2-Pentanone	8.65	43	153451	25.383	ug/l	100
59) 2-Hexanone	9.49	43	113227	24.433	ug/l	98
61) Tetrachloroethene	9.34	164	26795	5.435	ug/l	97
62) Toluene	8.79	91	100156	5.497	ug/l	98
64) Chlorobenzene	10.14	112	65495	5.456	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.22	131	21786	5.094	ug/l	98
66) Ethyl Benzene	10.25	91	100659	5.131	ug/l	100
67) m/p-Xylenes	10.36	106	77841	10.077	ug/l	97
68) o-Xylene	10.69	106	38777	5.123	ug/l	99
69) Styrene	10.71	104	58863	4.818	ug/l	99
70) Isopropylbenzene	11.02	105	99908	4.995	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	35201	5.436	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	31312m	5.186	ug/l	
73) Bromobenzene	11.26	156	28044	5.067	ug/l	97
74) n-propylbenzene	11.36	91	107934	4.810	ug/l	98
75) 2-Chlorotoluene	11.42	91	69044	5.181	ug/l	97
76) 1,3,5-Trimethylbenzene	11.51	105	80186	4.824	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	6777	3.834	ug/l	89
78) 4-Chlorotoluene	11.51	91	75100	4.868	ug/l	100
79) tert-butylbenzene	12.06	119	82150	4.576	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	81685	4.853	ug/l	99
81) sec-Butylbenzene	11.94	105	94985	4.752	ug/l	98
82) p-Isopropyltoluene	12.06	119	82150	4.576	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	48200	4.914	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	47714	4.869	ug/l	98
85) n-Butylbenzene	12.39	91	63051	4.113	ug/l	98
86) Hexachloroethane	12.60	117	11844	4.179	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	49336	5.036	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	6220	4.700	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	28097	4.220	ug/l	97
90) Hexachlorobutadiene	13.78	225	14320	4.516	ug/l	96
91) Naphthalene	13.83	128	89877	4.415	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	30201	4.569	ug/l	97

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

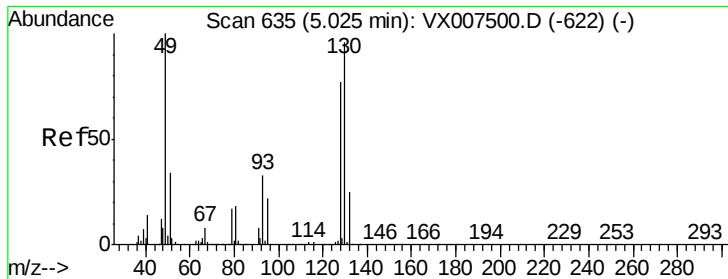
Manual Integrations
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QLast Update : Wed Feb 13 07:08:48 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

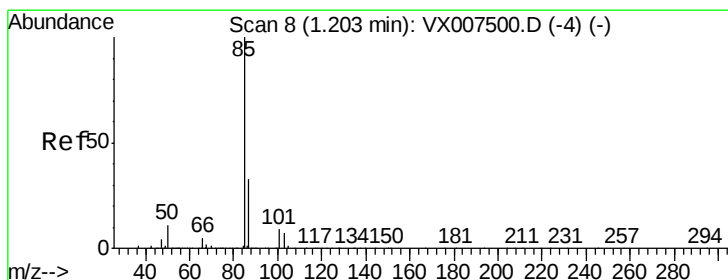
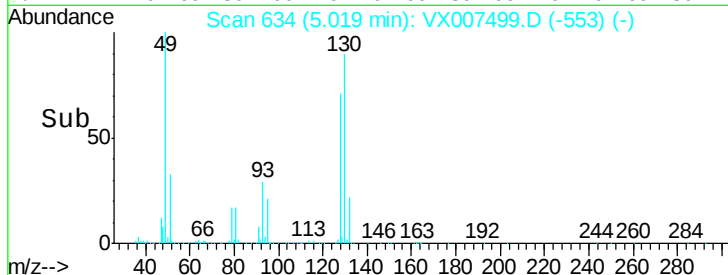
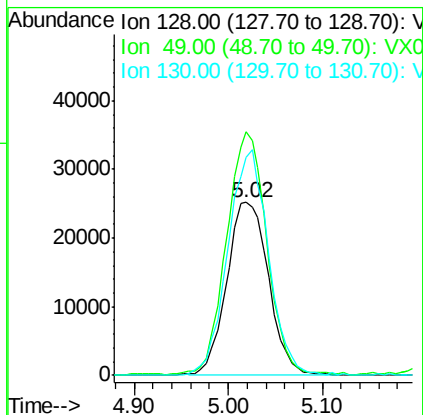
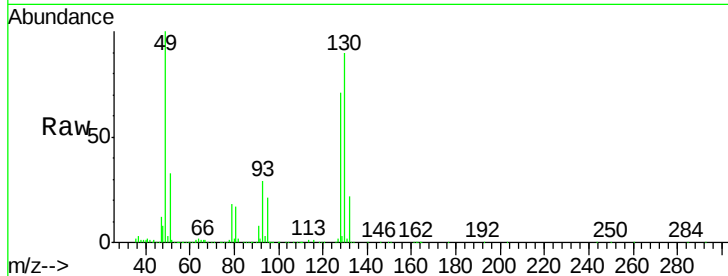
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	78257
Ion	Ratio	Lower	Upper
128	100		
49	134.0	0.0	350.8
130	125.6	0.0	325.8

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 5.361 ug/l

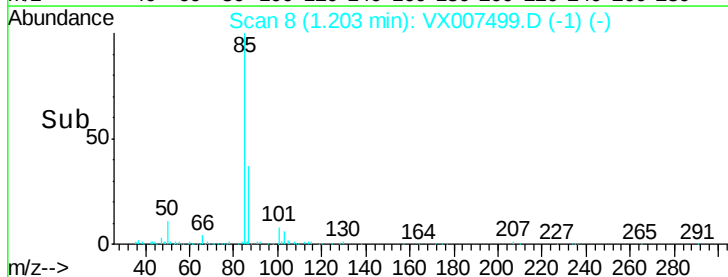
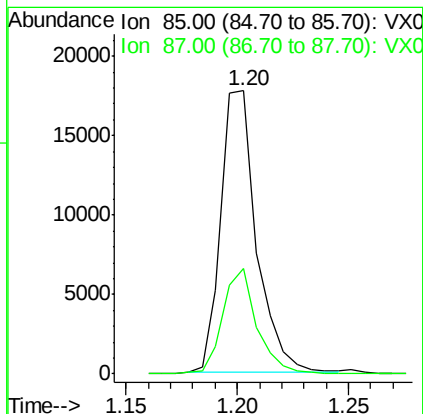
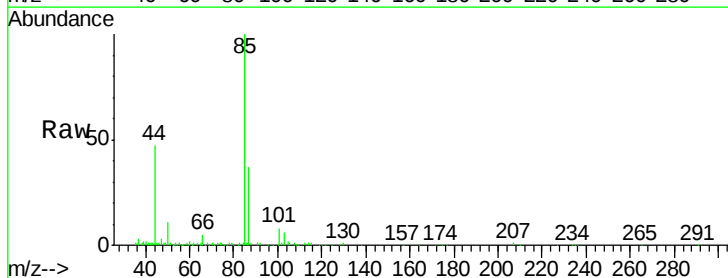
RT: 1.20 min Scan# 8

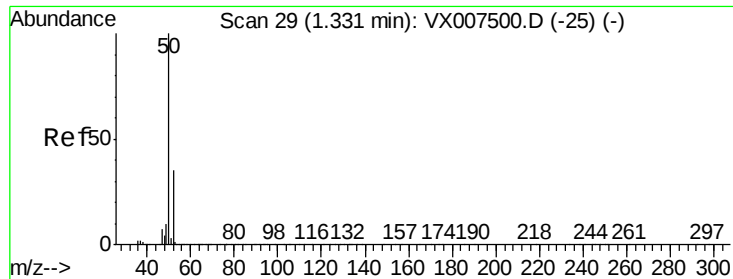
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	85	Resp:	19655
Ion	Ratio	Lower	Upper
85	100		
87	37.6	16.6	49.8





#3

Chloromethane

Concen: 5.324 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 21594

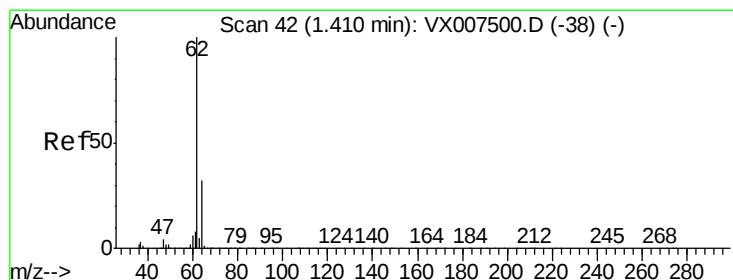
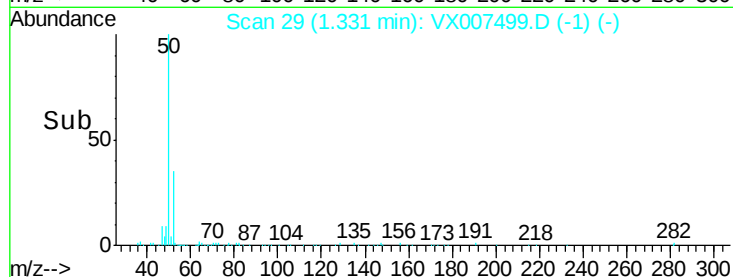
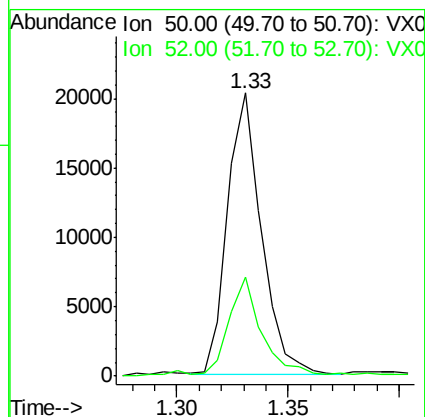
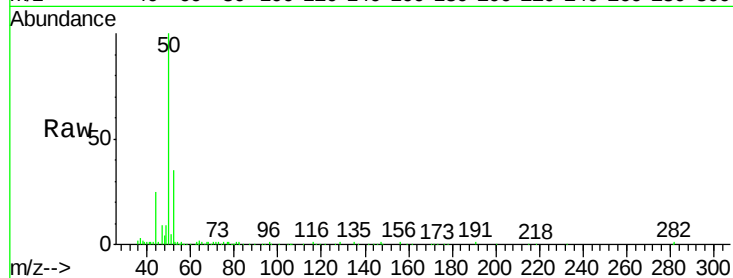
Ion Ratio Lower Upper

50 100

52 34.8 27.5 41.3

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#4

Vinyl Chloride

Concen: 5.505 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007499.D

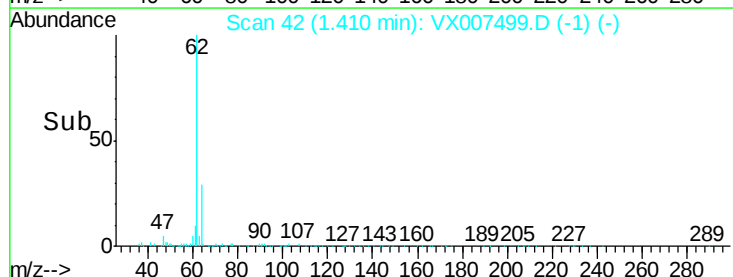
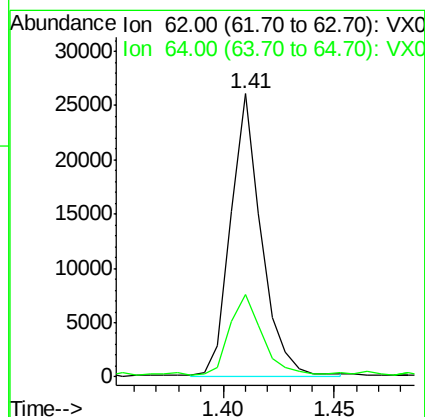
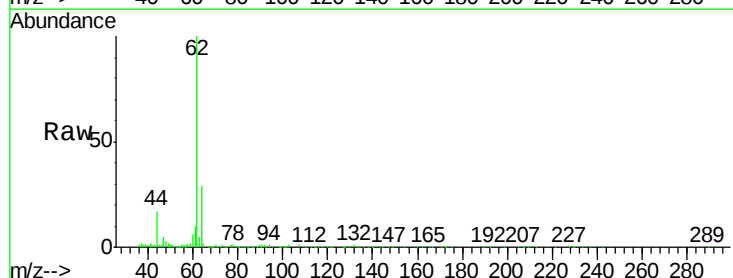
Acq: 12 Feb 2019 22:36

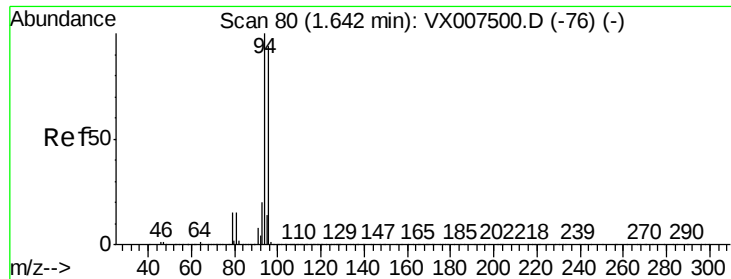
Tgt Ion: 62 Resp: 25141

Ion Ratio Lower Upper

62 100

64 28.8 25.9 38.9





#5

Bromomethane

Concen: 5.022 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 22740

Ion Ratio Lower Upper

94 100

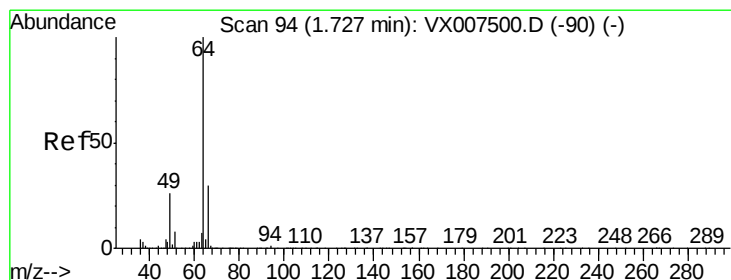
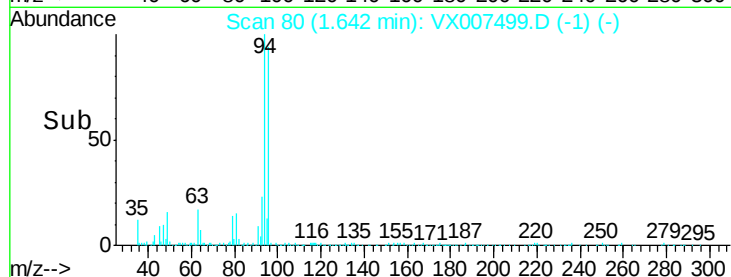
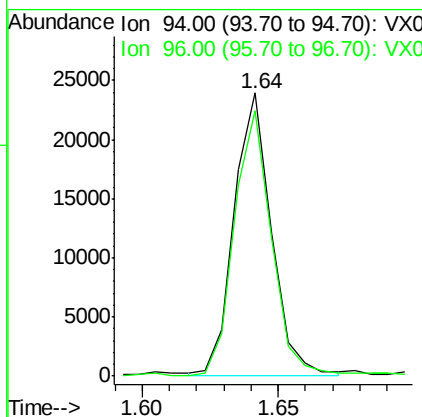
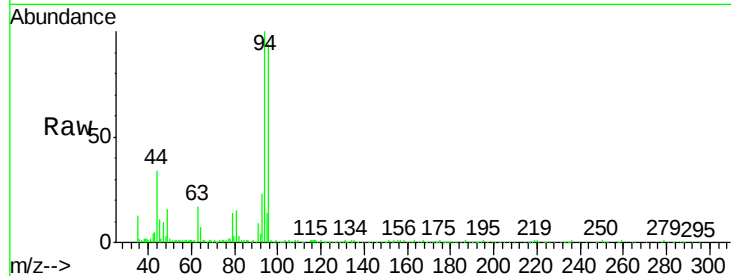
96 94.9 75.6 113.4

Manual Integrations

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2/13/2019 11:52:34 AM



#6

Chloroethane

Concen: 5.378 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.01 min

Lab File: VX007499.D

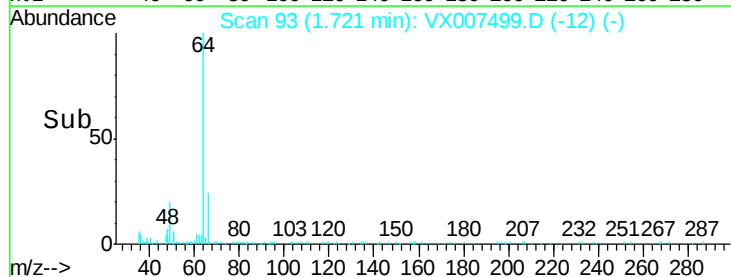
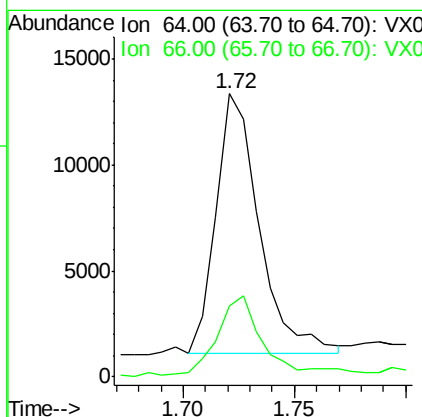
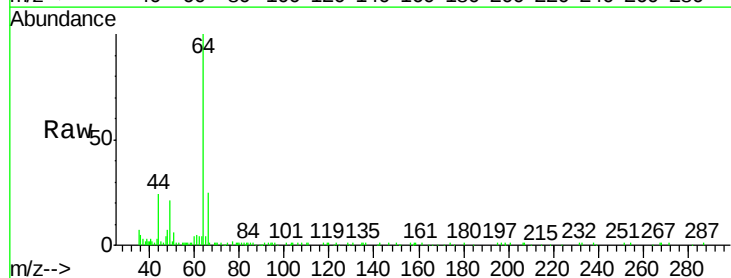
Acq: 12 Feb 2019 22:36

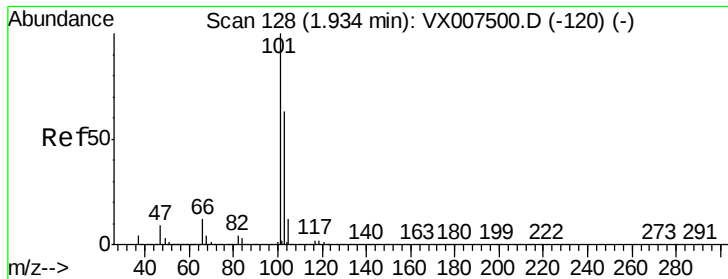
Tgt Ion: 64 Resp: 16534

Ion Ratio Lower Upper

64 100

66 25.4 23.9 35.9





#7

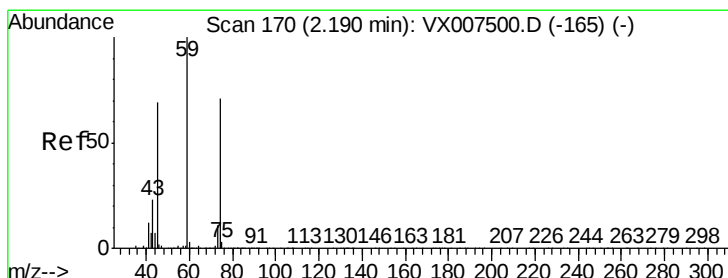
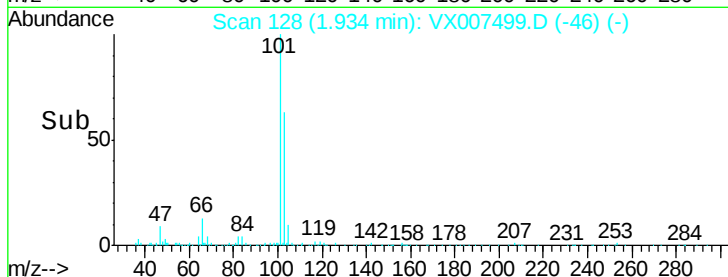
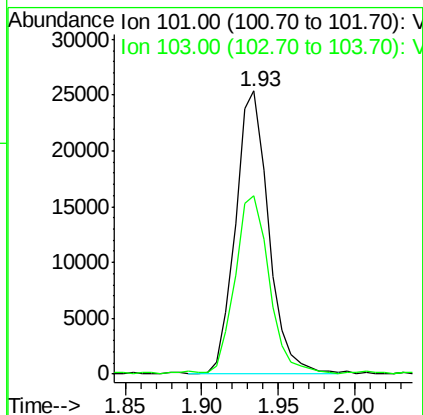
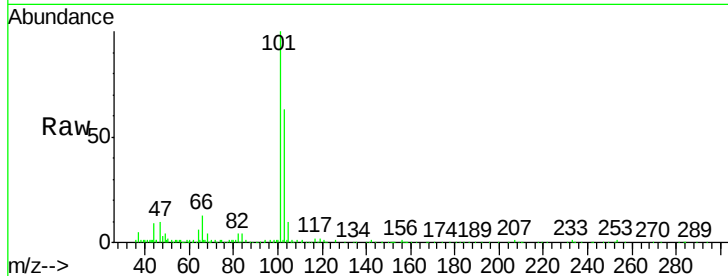
Trichlorofluoromethane
Concen: 4.973 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

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ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	50.4	75.6

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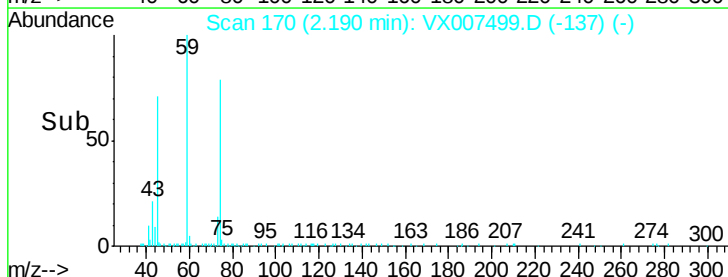
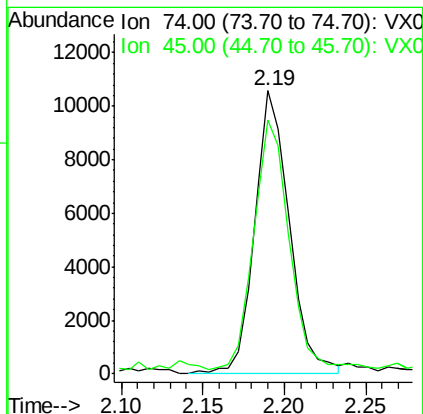
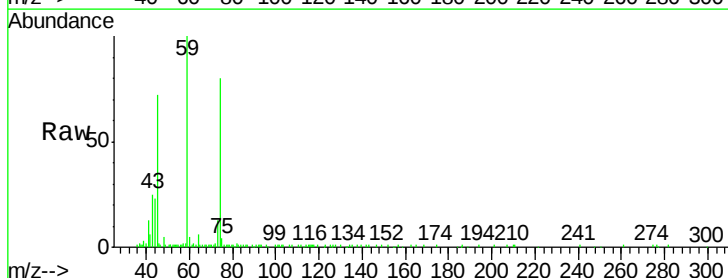
MMDadoda
2/13/2019 11:52:34 AM

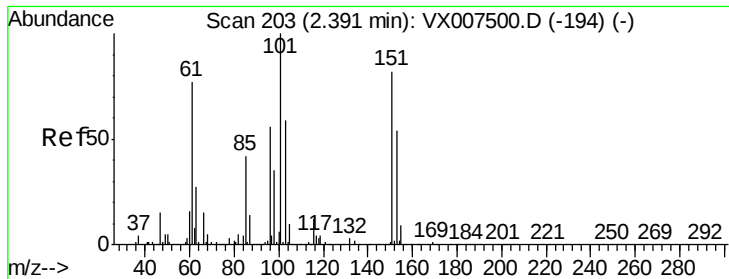


#8

Diethyl Ether
Concen: 5.412 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.1	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.976 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

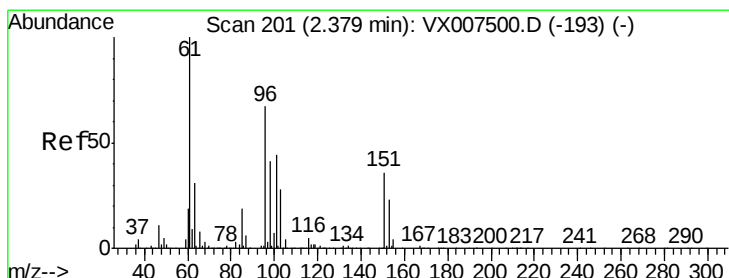
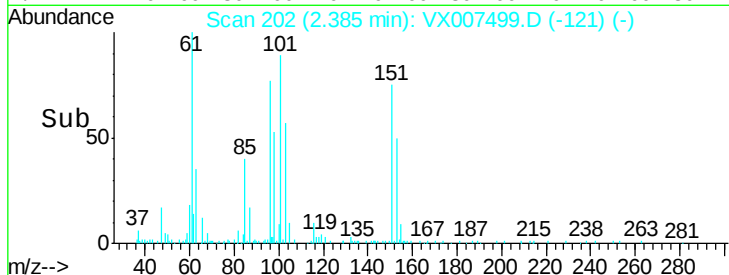
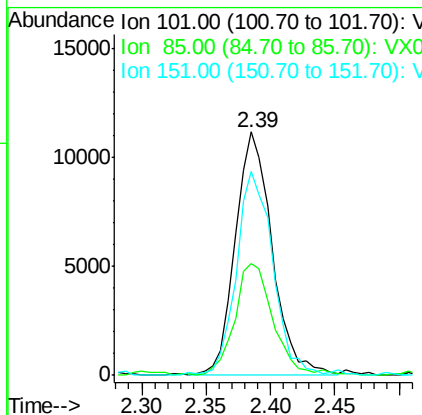
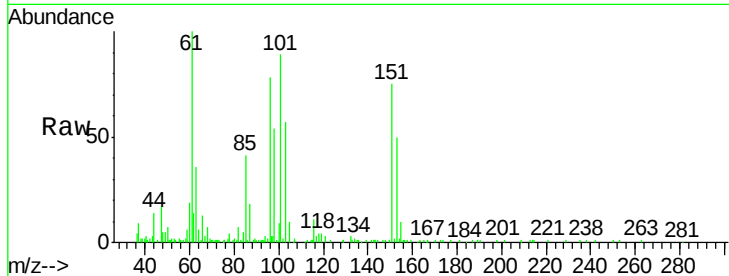
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	22206
Ion Ratio	Lower	Upper	
101	100		
85	46.9	0.0	86.8
151	82.3	0.0	169.2

Manual Integrations
APPROVED

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2/13/2019 11:52:34 AM



#10

1,1-Dichloroethene

Concen: 5.061 ug/l

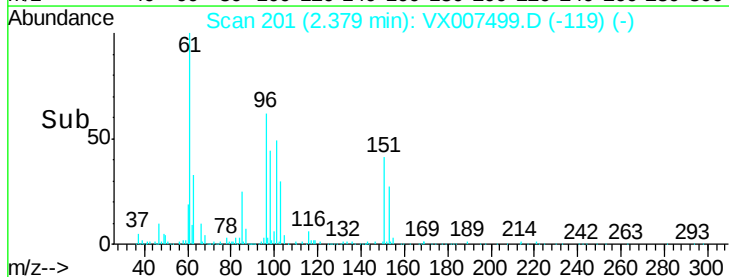
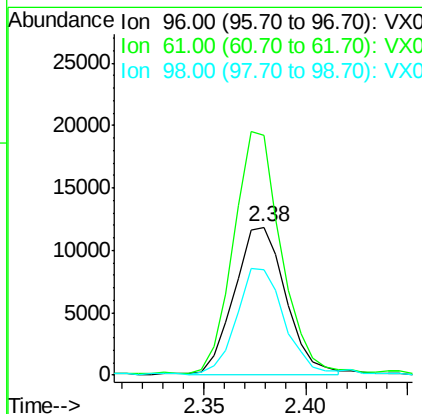
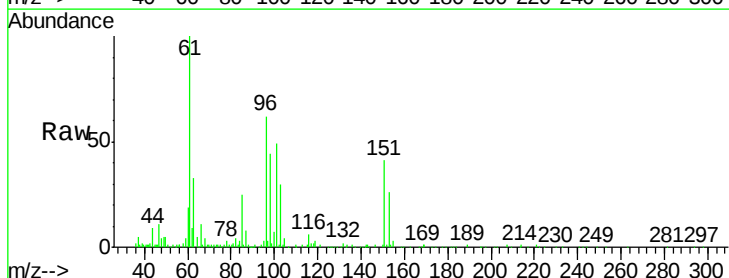
RT: 2.38 min Scan# 201

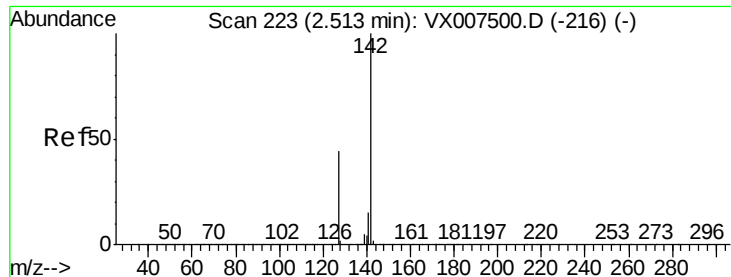
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	96	Resp:	20854
Ion Ratio	Lower	Upper	
96	100		
61	162.6	120.2	180.2
98	71.3	49.0	73.4





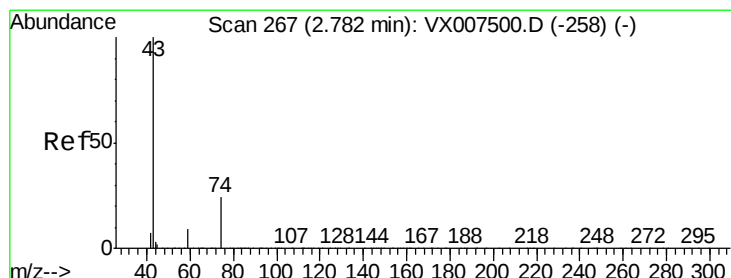
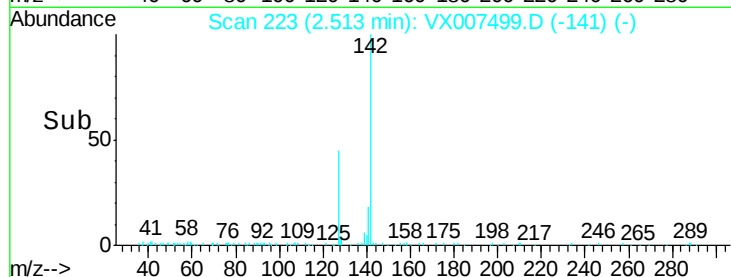
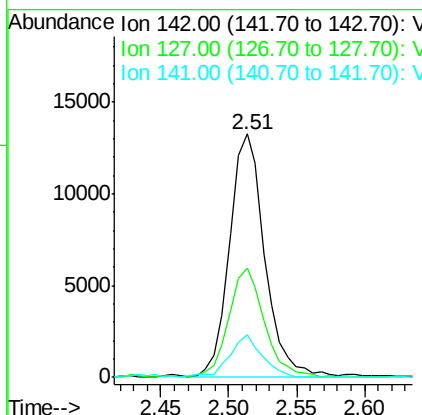
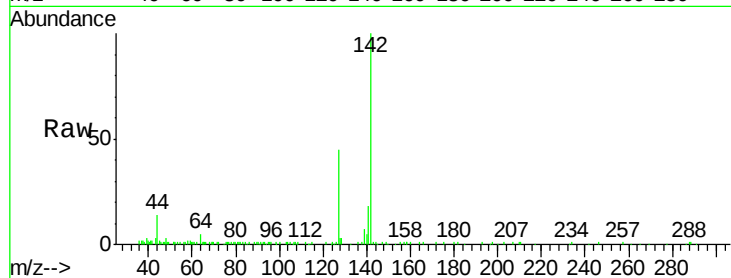
#11
Methvl Iodide
Concen: 3.702 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.4	22.1	66.5
141	17.3	7.4	22.3

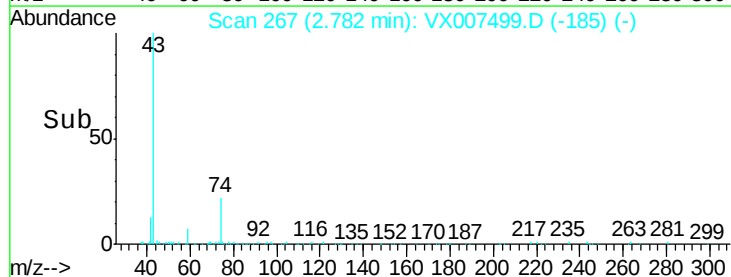
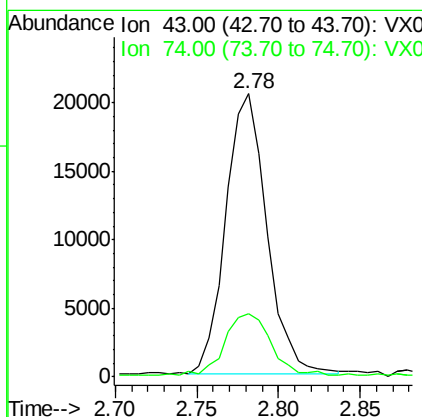
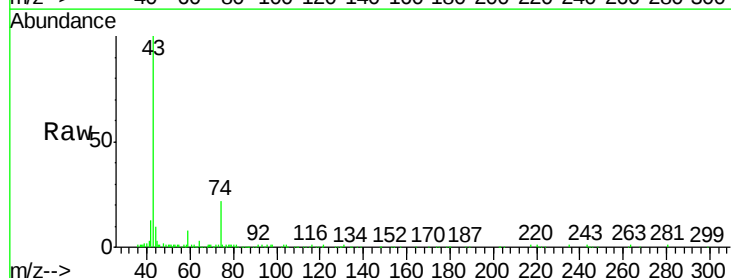
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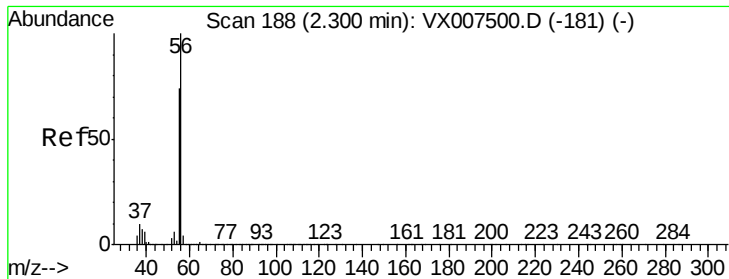
MMDadoda
2/13/2019 11:52:34 AM



#12
Methyl Acetate
Concen: 5.359 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	19.4	29.0





#13

Acrolein

Concen: 42.484 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 25570

Ion Ratio Lower Upper

56 100

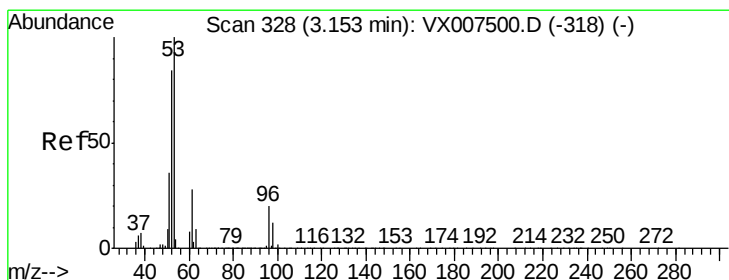
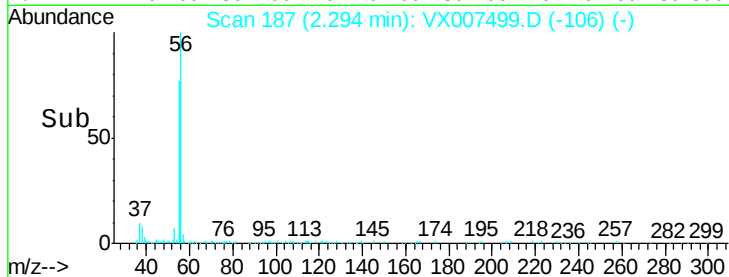
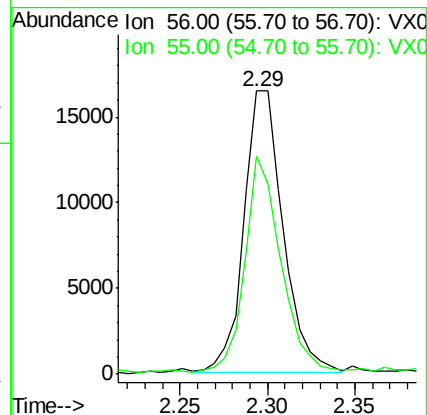
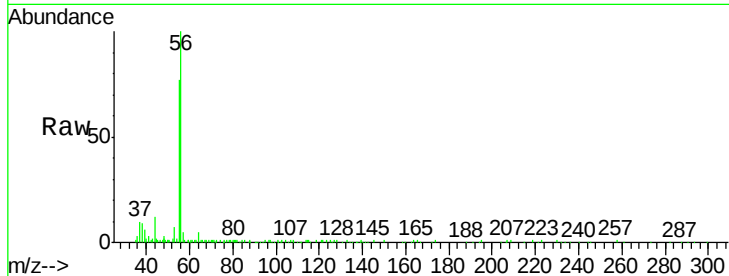
55 72.9 58.6 87.8

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#14

Acrylonitrile

Concen: 26.193 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

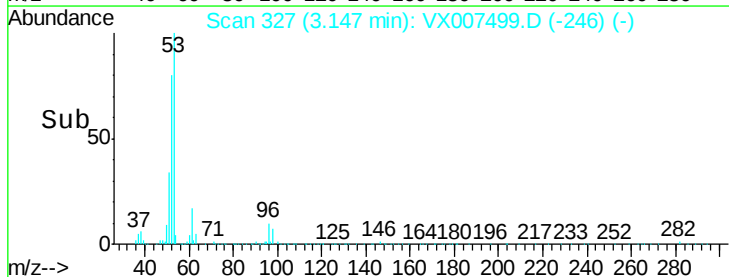
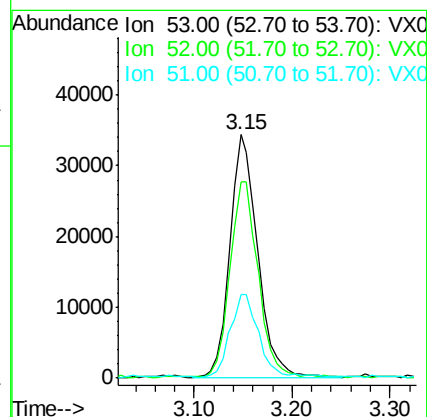
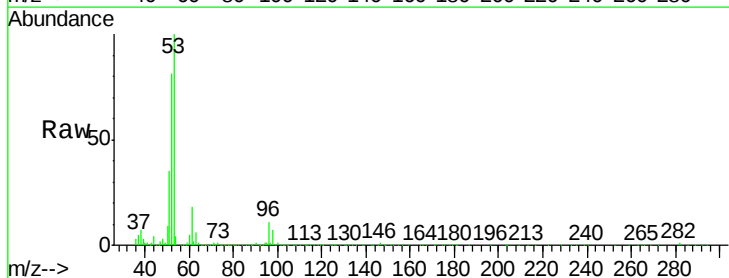
Tgt Ion: 53 Resp: 68369

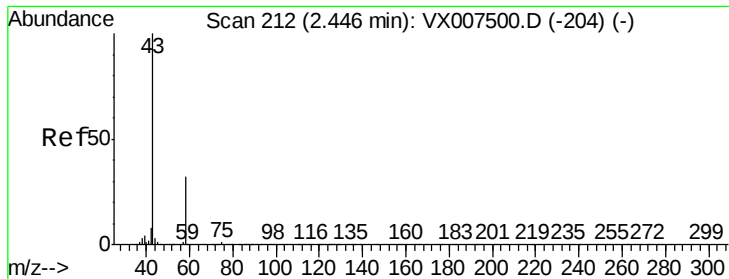
Ion Ratio Lower Upper

53 100

52 79.3 41.3 124.1

51 34.0 17.5 52.6





#15

Acetone

Concen: 25.937 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 19003

Ion Ratio Lower Upper

58 100

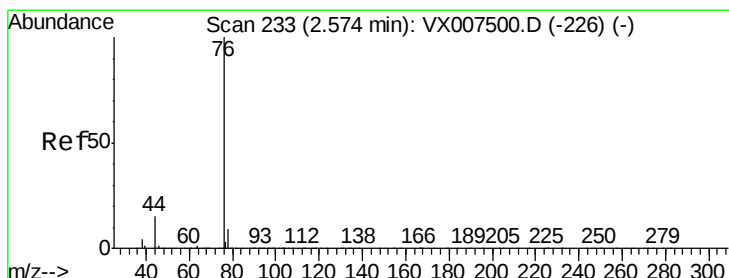
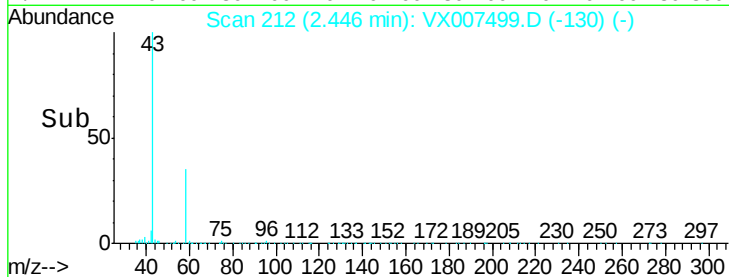
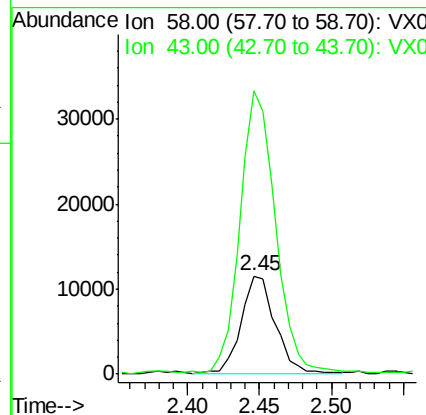
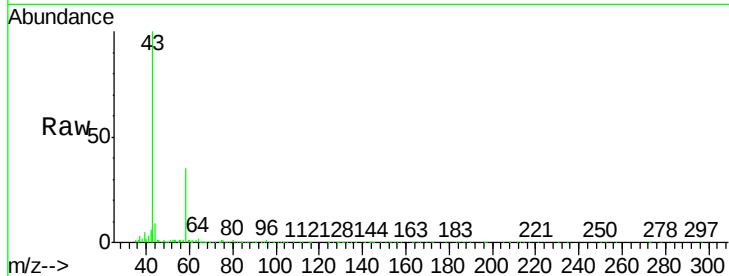
43 287.9 249.8 374.6

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#16

Carbon Disulfide

Concen: 4.863 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007499.D

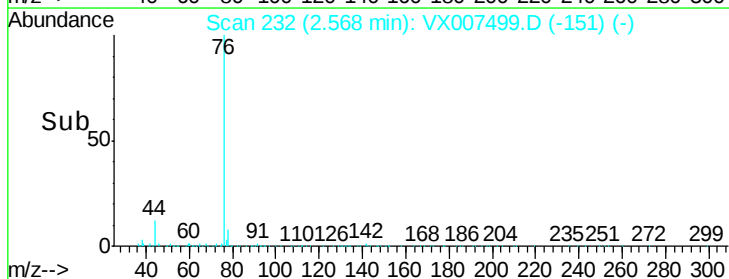
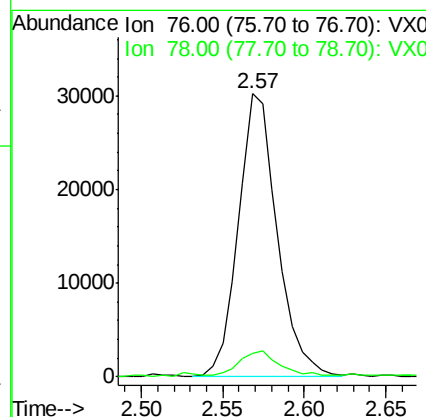
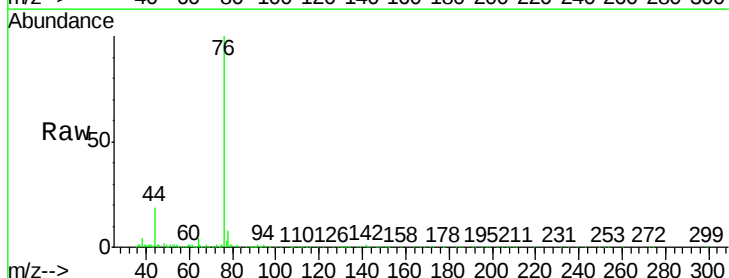
Acq: 12 Feb 2019 22:36

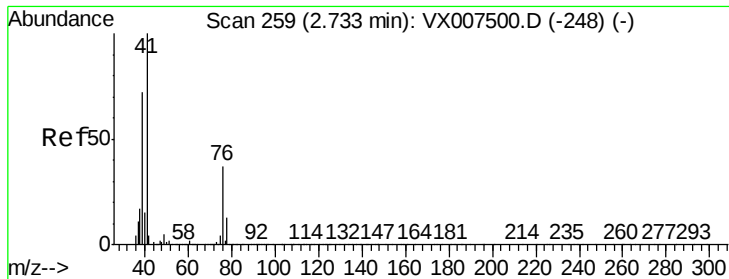
Tgt Ion: 76 Resp: 49554

Ion Ratio Lower Upper

76 100

78 7.6 7.5 11.3





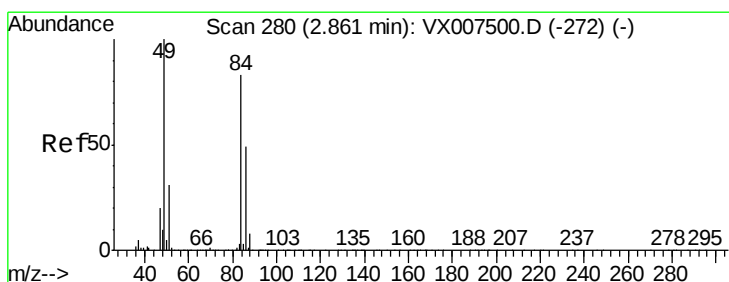
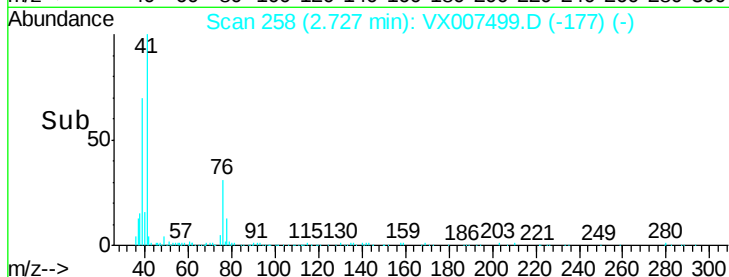
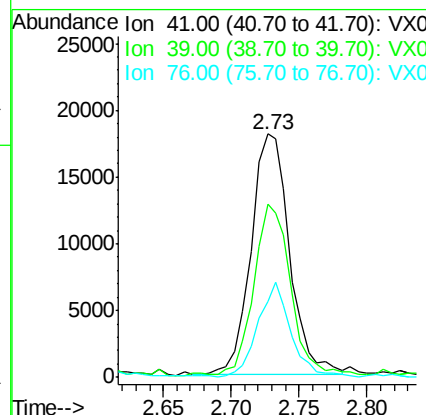
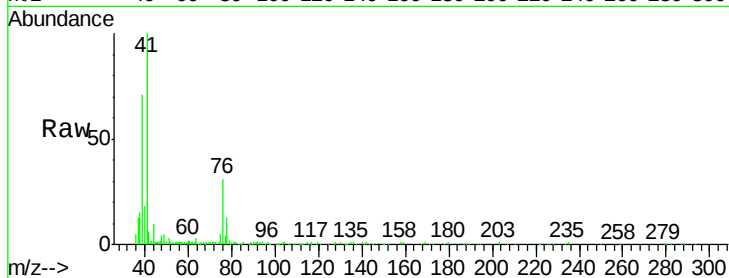
#17
Allvl chloride
Concen: 5.043 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	35795
Ion Ratio	Lower	Upper	
41	100		
39	69.8	35.8	107.4
76	30.0	18.3	54.9

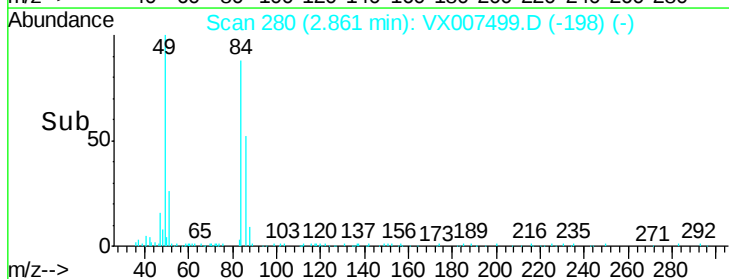
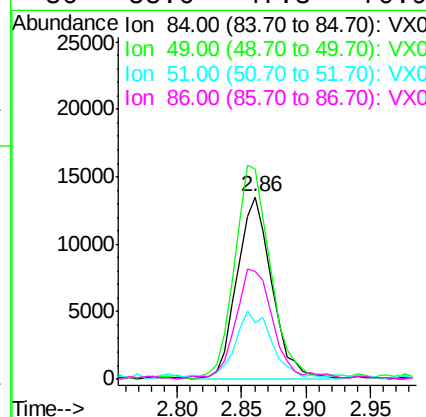
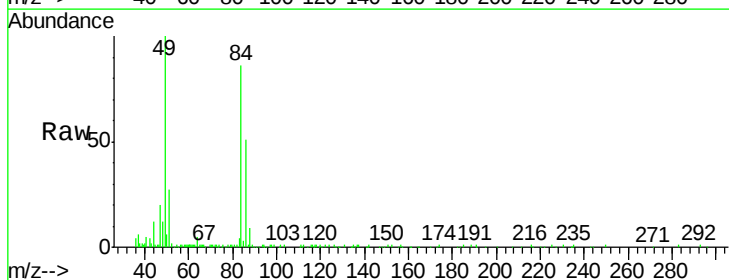
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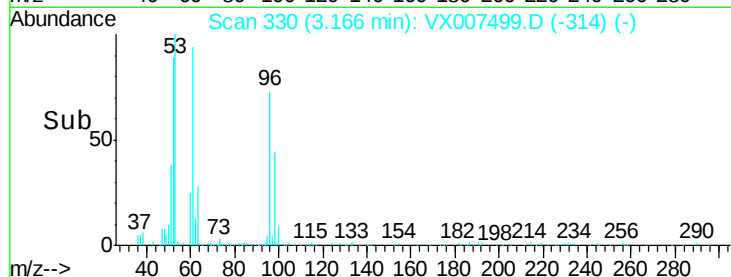
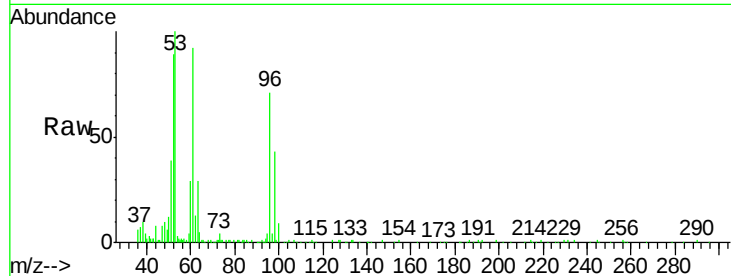
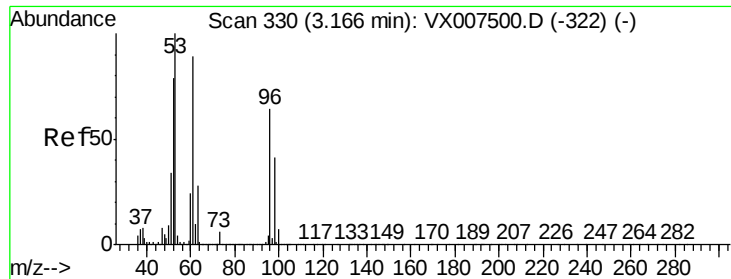
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#18
Methylene Chloride
Concen: 5.405 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion:	84	Resp:	25412
Ion Ratio	Lower	Upper	
84	100		
49	115.6	96.1	144.1
51	29.3	29.1	43.7
86	58.6	47.3	70.9





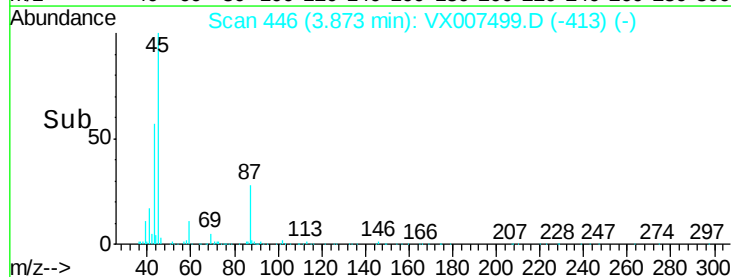
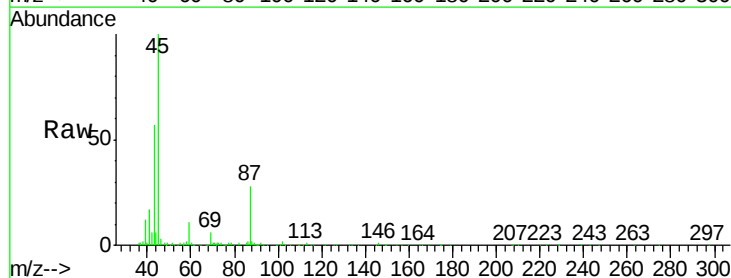
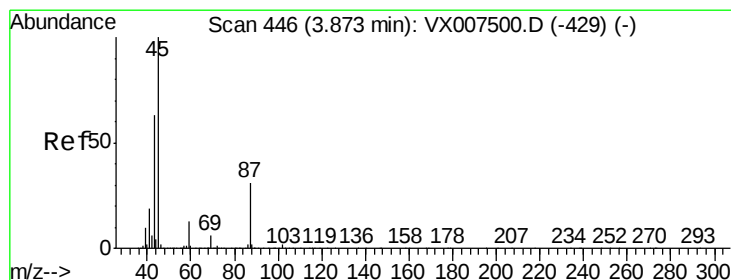
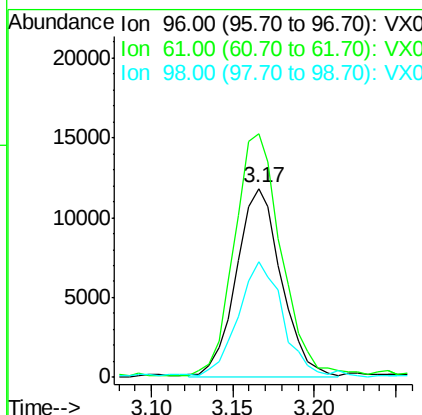
#19
trans-1,2-Dichloroethene
Concen: 5.148 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	109.9	164.9
98	60.1	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

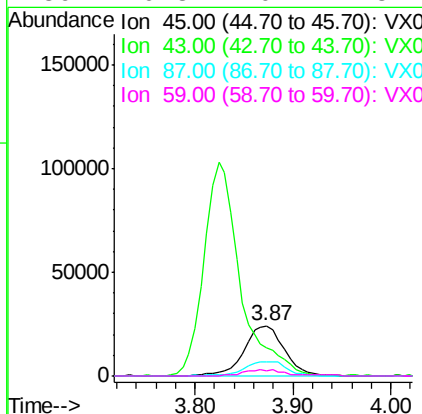
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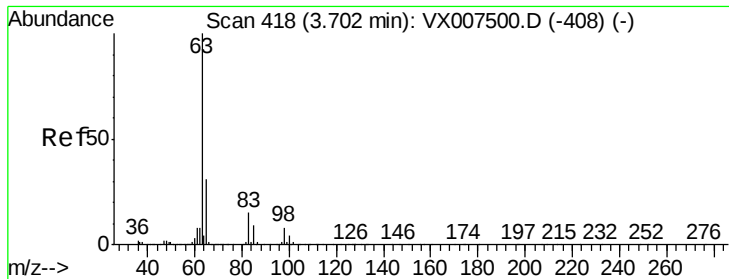
MMDadoda
2/13/2019 11:52:34 AM



#20
Diisopropyl ether
Concen: 5.162 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.1	50.6	76.0
87	27.9	24.5	36.7
59	10.8	10.2	15.2





#21

1,1-Dichloroethane

Concen: 5.290 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

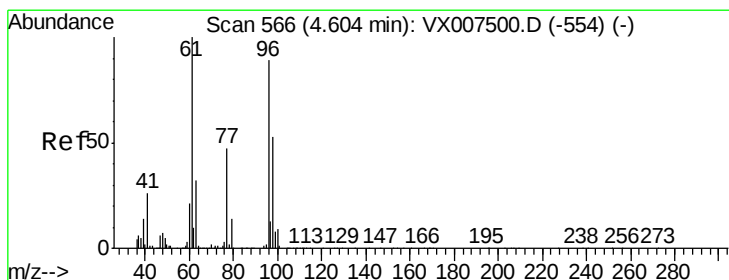
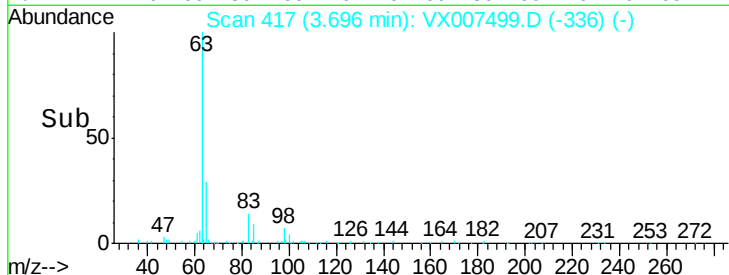
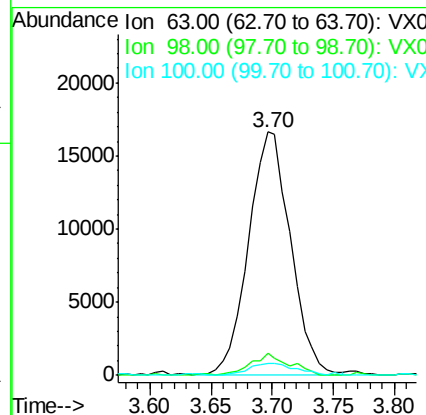
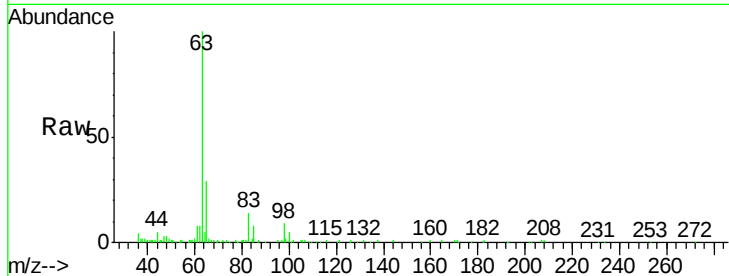
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	39896
Ion Ratio		Lower	Upper
63	100		
98	11.1	3.8	11.4
100	5.0	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 5.102 ug/l

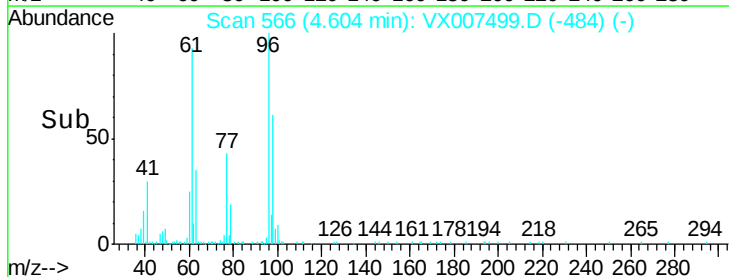
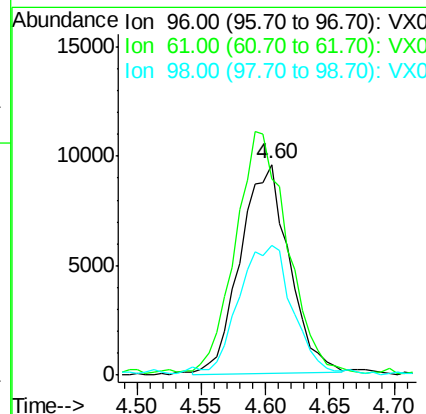
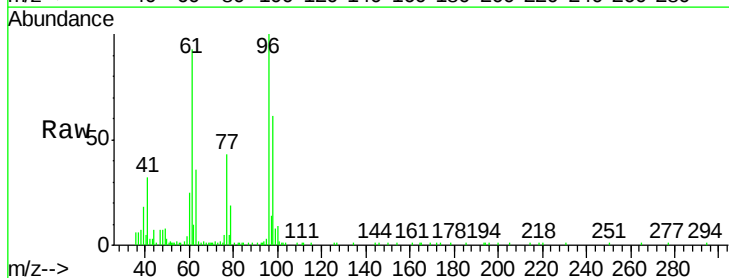
RT: 4.60 min Scan# 566

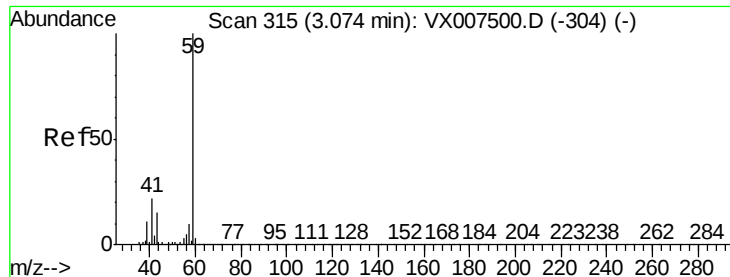
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	96	Resp:	25035
Ion Ratio		Lower	Upper
96	100		
61	125.8	103.5	155.3
98	68.2	52.1	78.1





#23

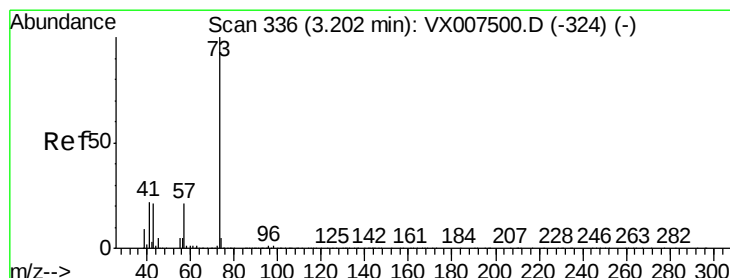
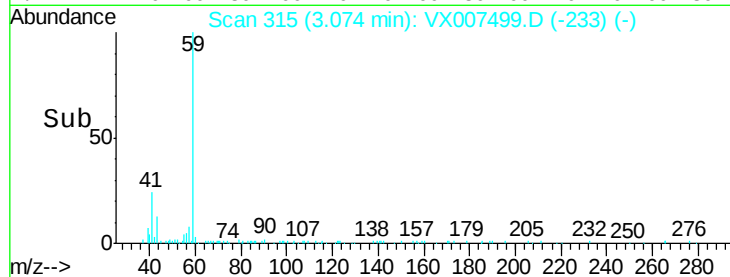
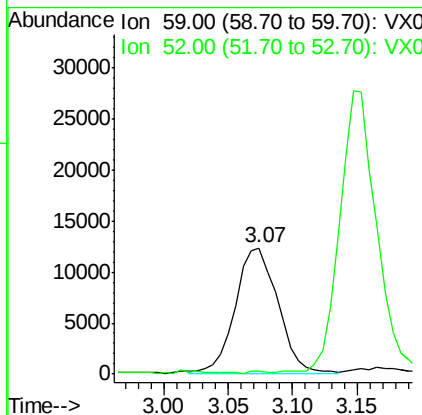
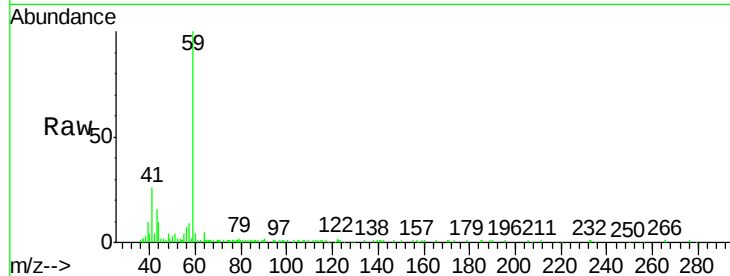
tert-Butyl Alcohol
Concen: 26.327 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.6	0.2	0.2#

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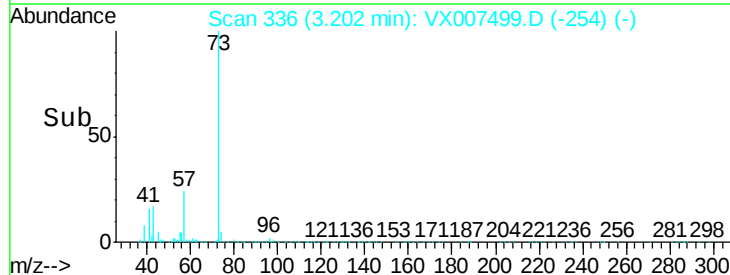
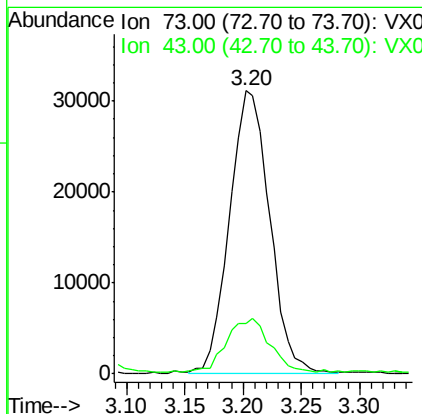
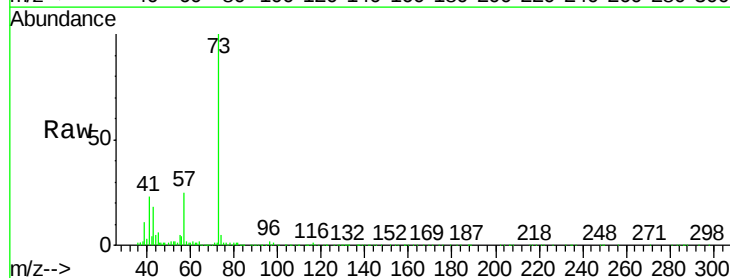
MMDadoda
2/13/2019 11:52:34 AM

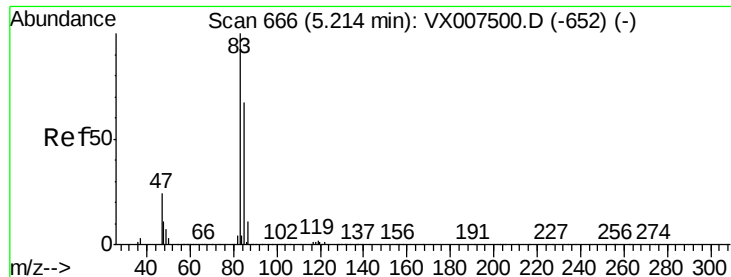


#24

Methyl tert-Butyl Ether
Concen: 5.180 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.6	17.1	25.7





#25

Chloroform

Concen: 5.361 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 41982

Ion Ratio Lower Upper

83 100

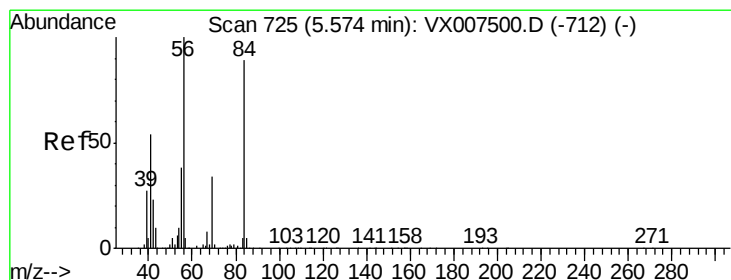
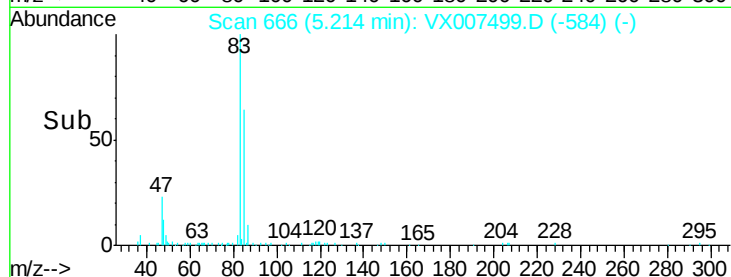
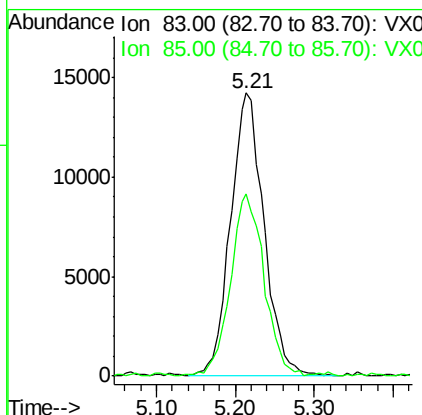
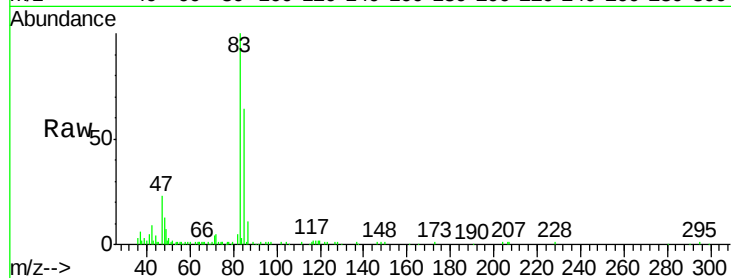
85 64.5 53.8 80.6

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#26

Cyclohexane

Concen: 4.688 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

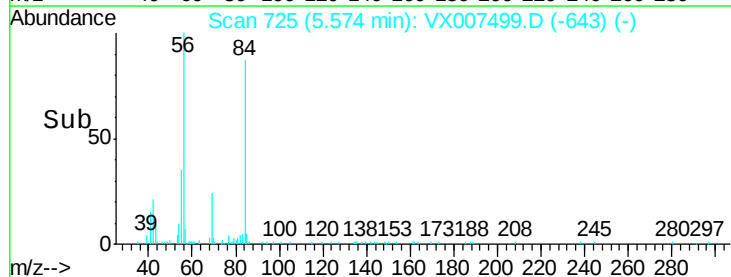
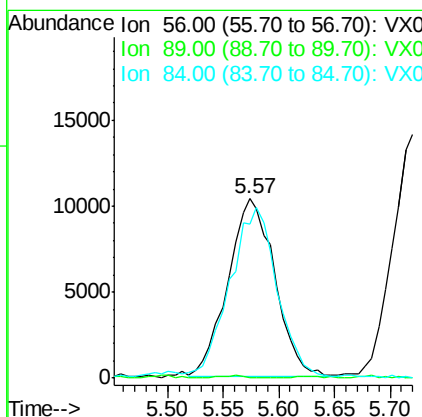
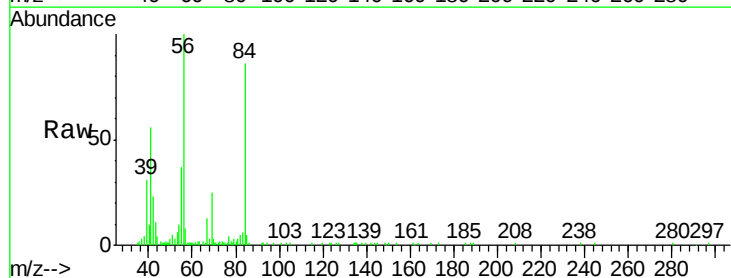
Tgt Ion: 56 Resp: 29993

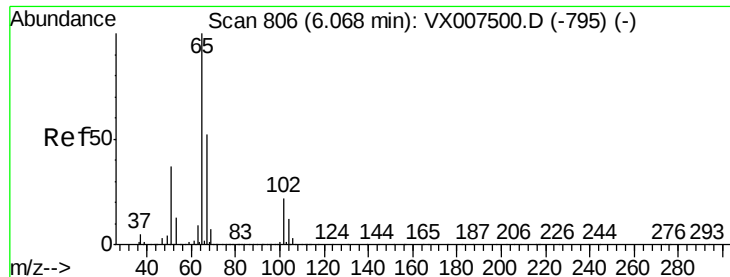
Ion Ratio Lower Upper

56 100

89 0.7 0.0 0.0#

84 98.3 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.240 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 149960

Ion Ratio Lower Upper

65 100

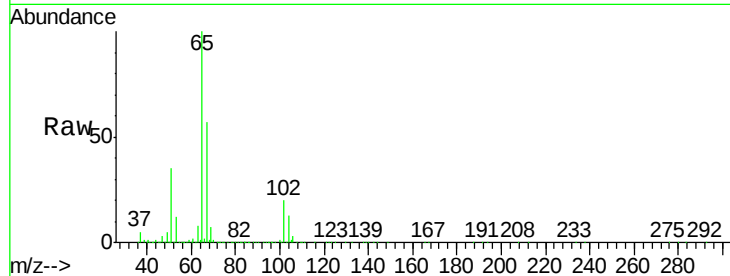
67 54.2 42.9 64.3

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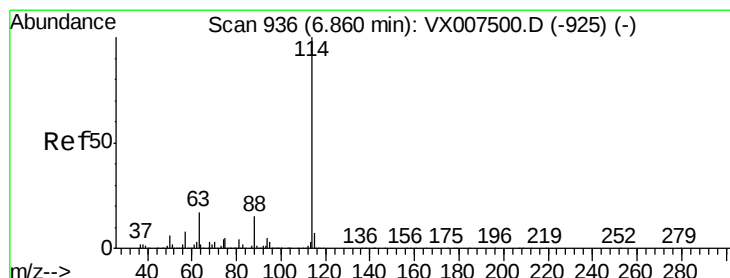
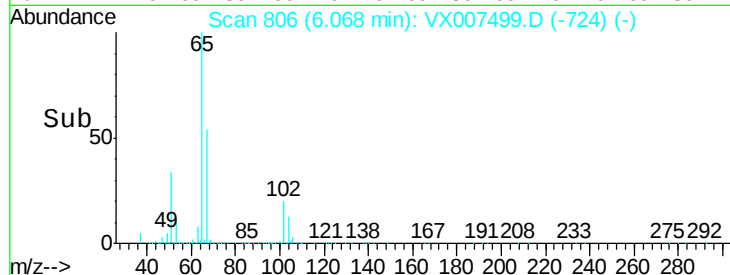
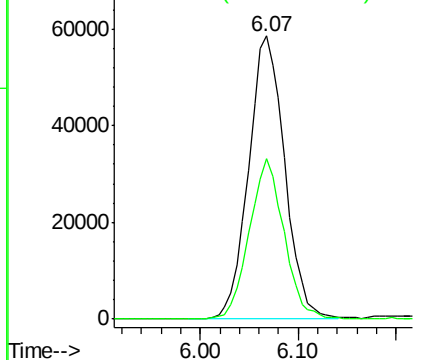
MMDadoda

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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: VX007499.D

Acq: 12 Feb 2019 22:36

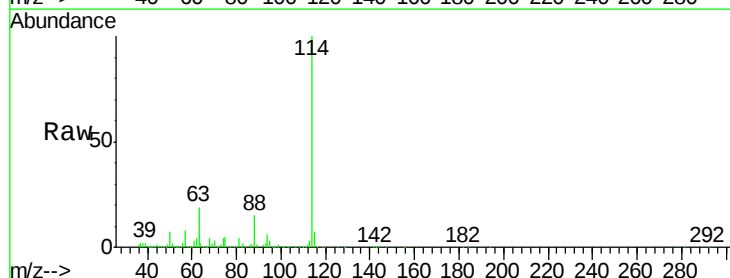
Tgt Ion: 114 Resp: 394388

Ion Ratio Lower Upper

114 100

63 18.1 14.2 21.4

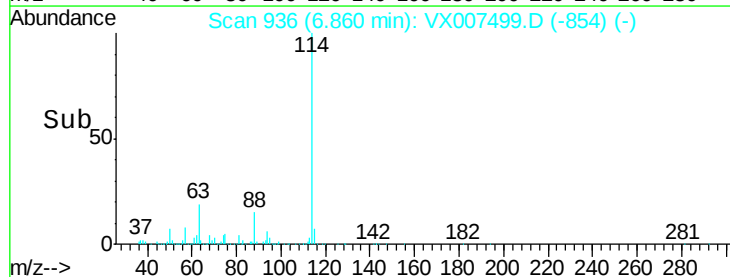
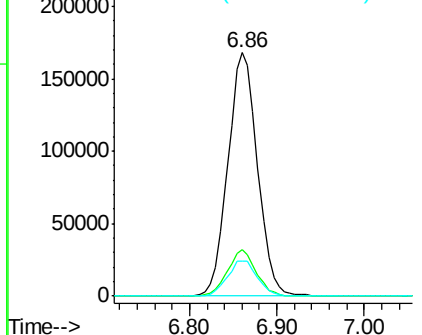
88 14.8 11.9 17.9

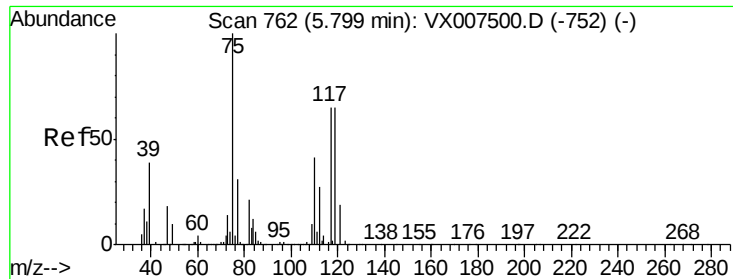


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





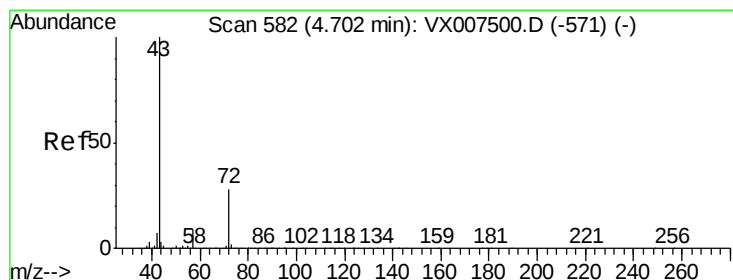
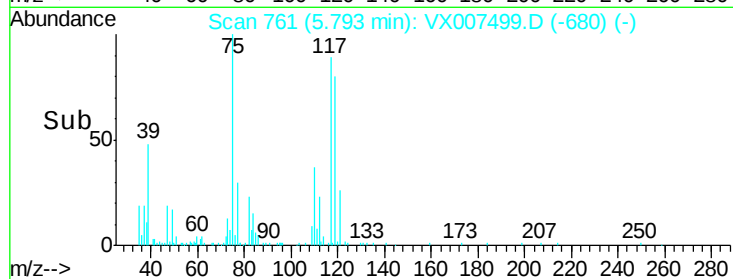
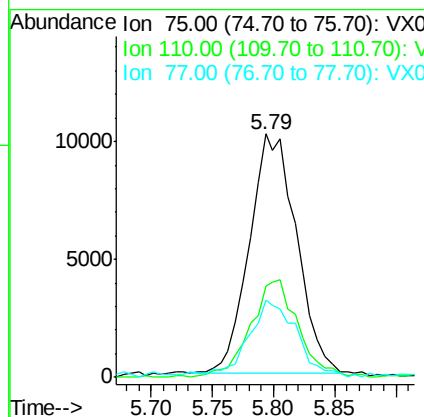
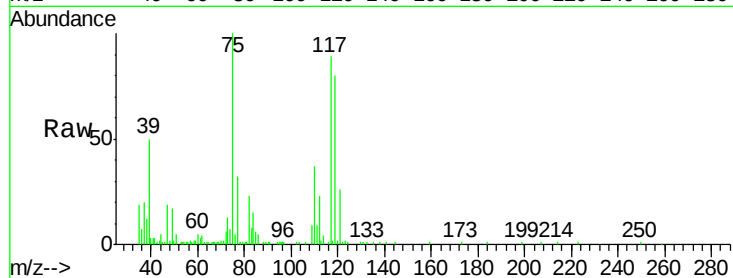
#29
 1,1-Dichloropropene
 Concen: 5.191 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	41.2	0.0	80.8
77	32.9	0.0	62.4

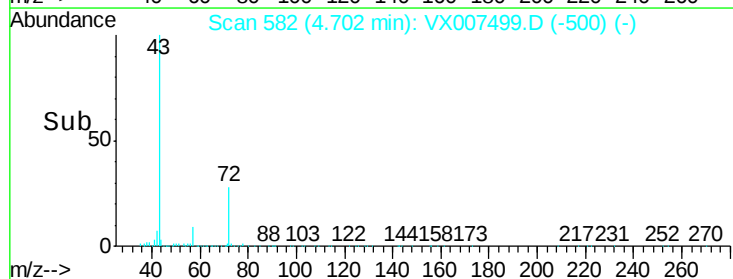
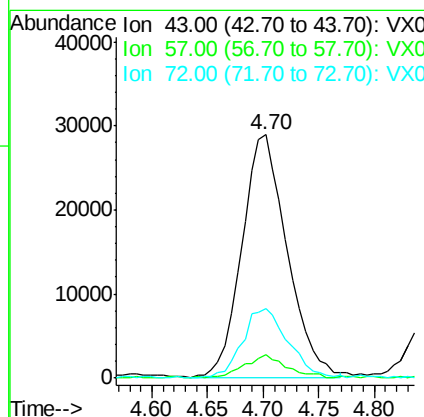
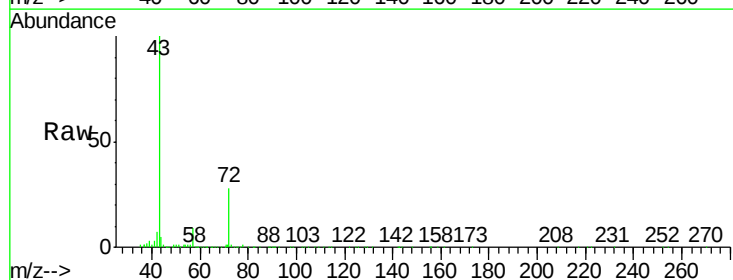
Manual Integrations
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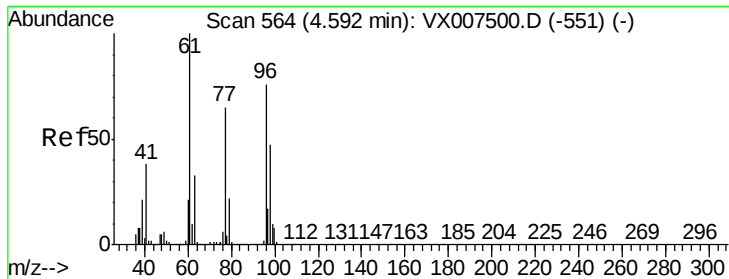
MMDadoda
 2/13/2019 11:52:34 AM



#30
 2-Butanone
 Concen: 26.460 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.6	7.0	10.6
72	28.6	21.5	32.3





#31

2,2-Dichloropropane

Concen: 4.345 ug/l m

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 77 Resp: 22090

Ion Ratio Lower Upper

77 100

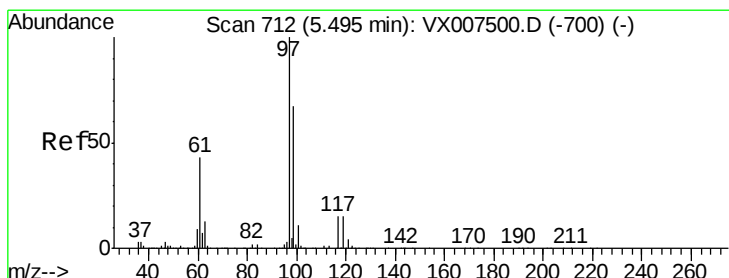
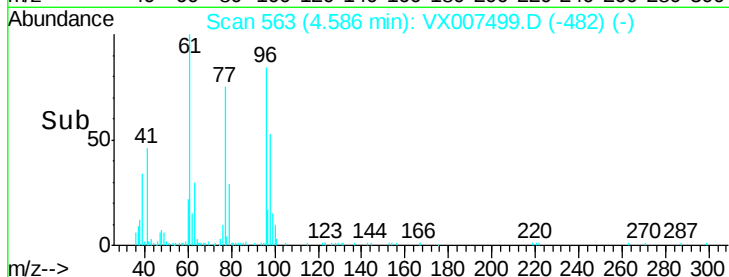
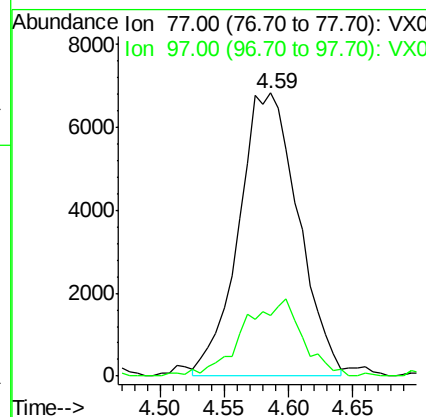
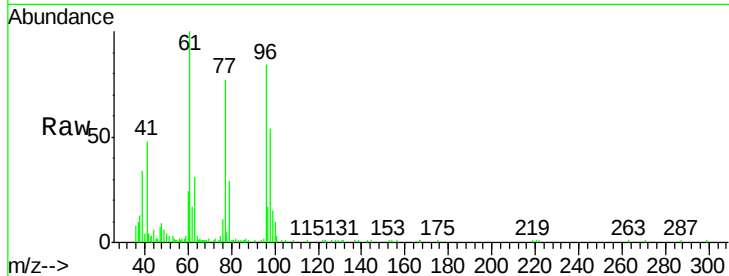
97 9.3 20.6 31.0#

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 5.158 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

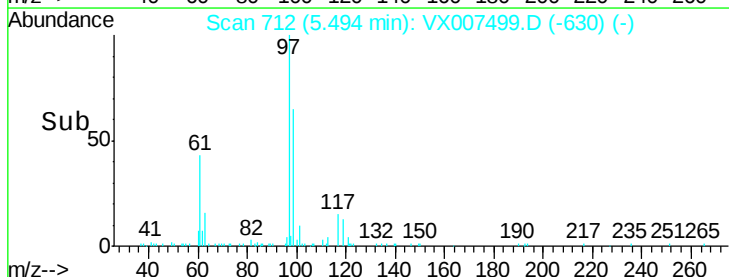
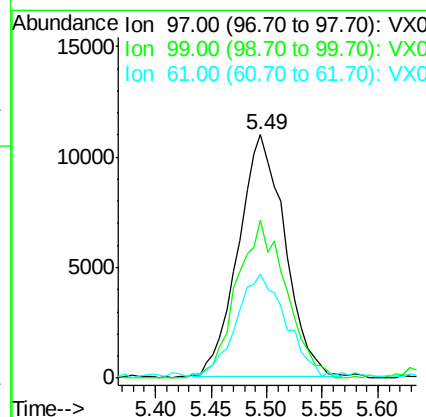
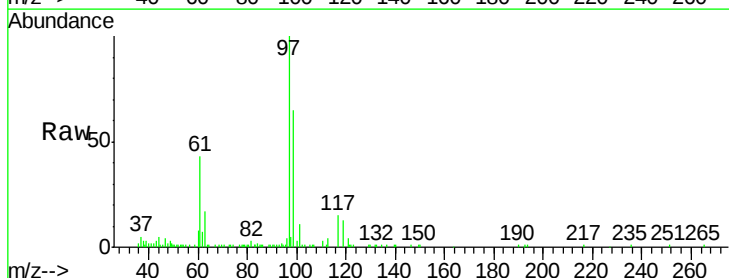
Tgt Ion: 97 Resp: 32004

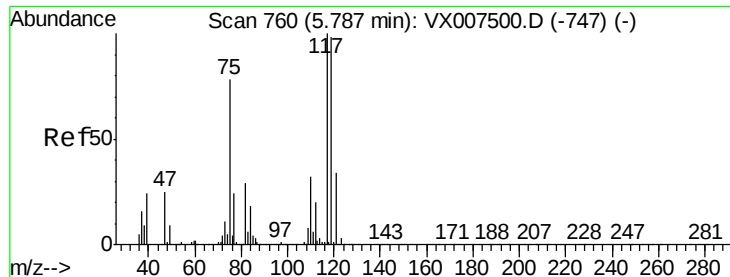
Ion Ratio Lower Upper

97 100

99 68.8 51.7 77.5

61 43.9 32.8 49.2





#33

Carbon Tetrachloride

Concen: 5.193 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

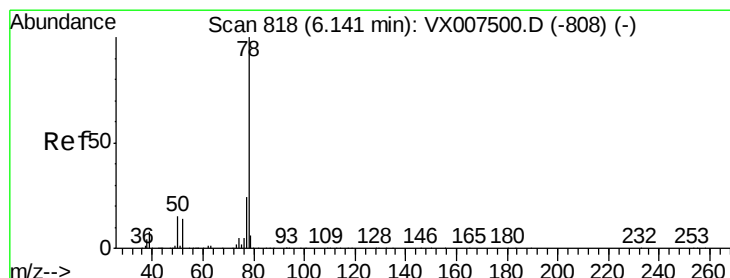
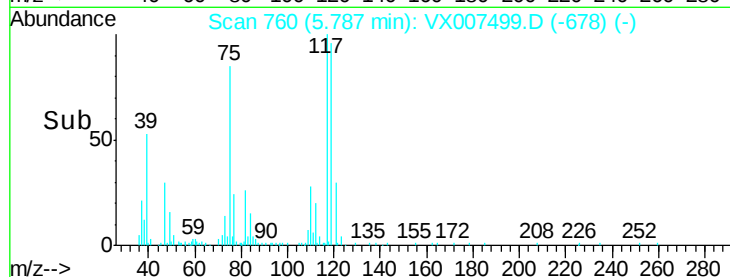
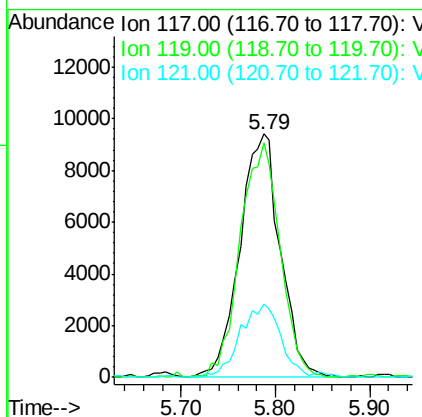
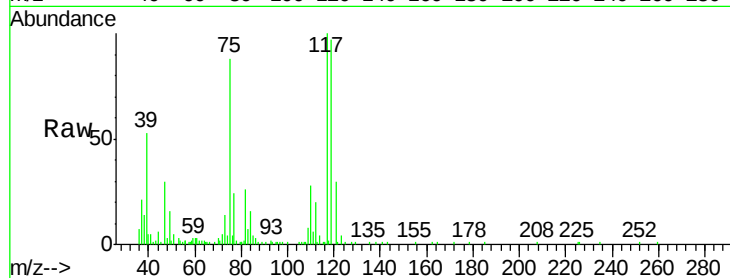
ClientSampleId :

VSTDIC005

Tot Ion:	117	Resp:	28354
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.1	117.1
121	30.6	27.0	40.6

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#34

Benzene

Concen: 5.679 ug/l

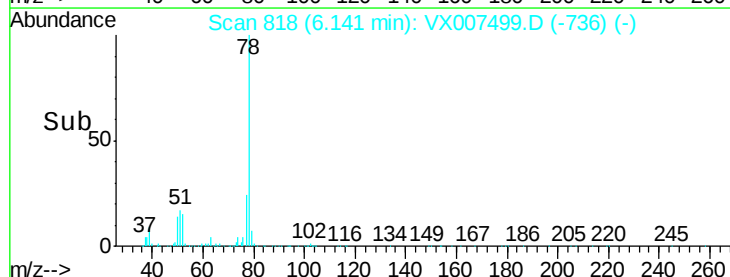
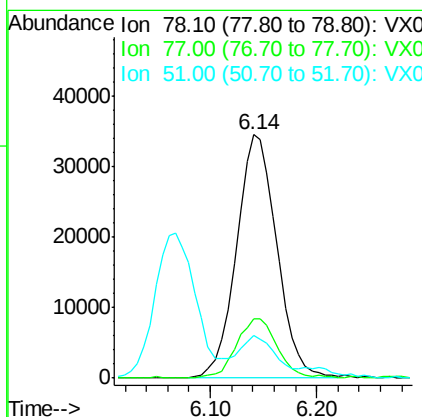
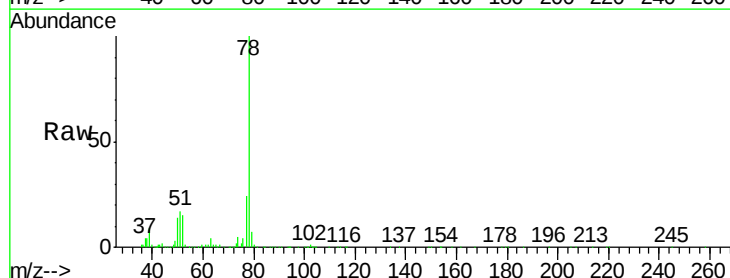
RT: 6.14 min Scan# 818

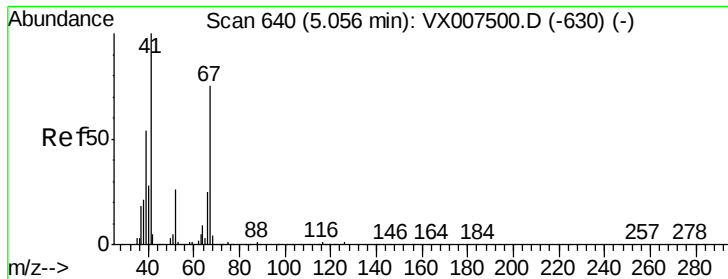
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	78	Resp:	91819
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7
51	15.8	10.8	16.2





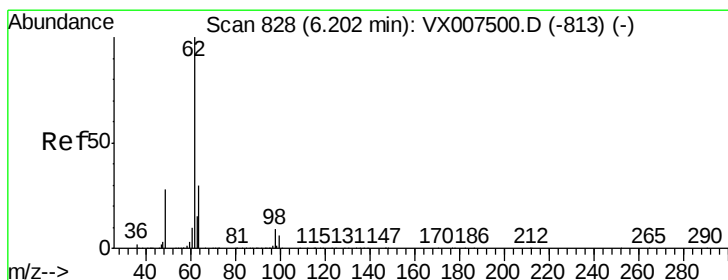
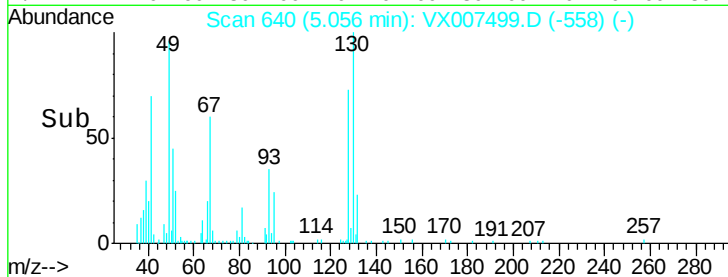
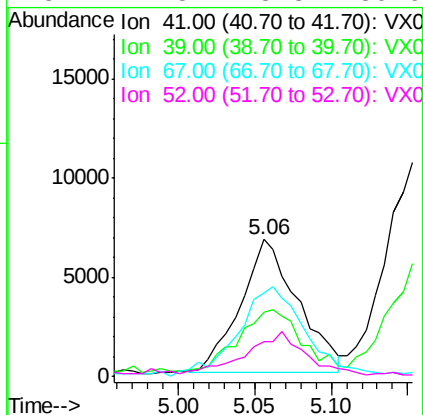
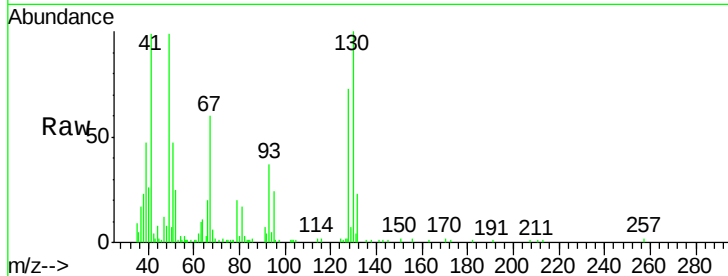
#35
Methacrylonitrile
Concen: 5.487 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	41	Resp	17451
Ion	Ratio	Lower	Upper
41	100		
39	44.7	27.4	82.0
67	58.0	37.9	113.6
52	21.8	13.3	39.9

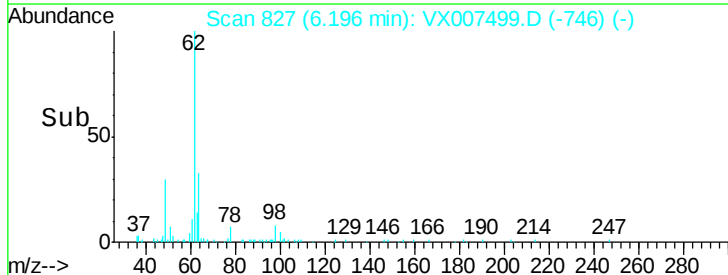
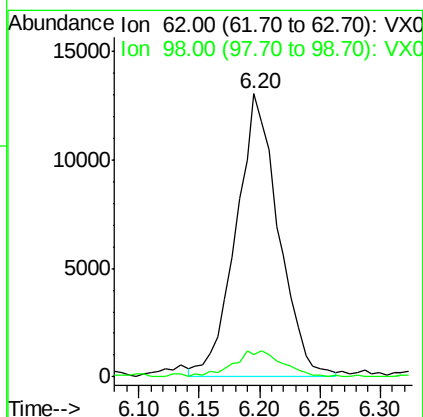
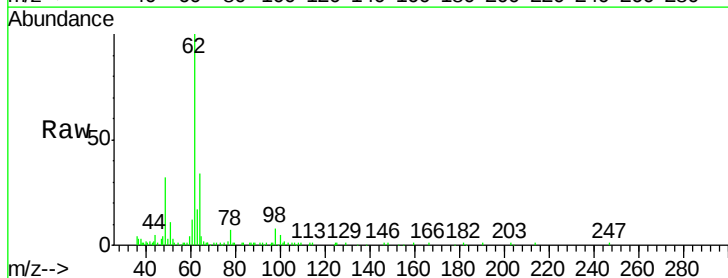
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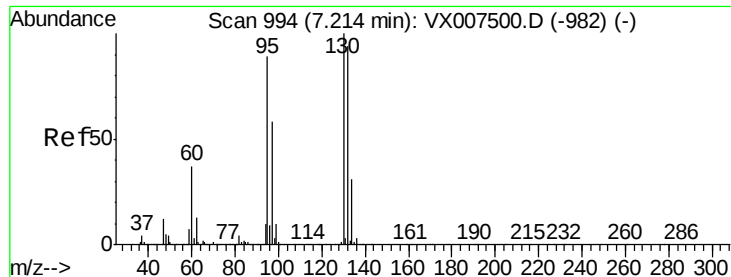
MMDadoda
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#36
1,2-Dichloroethane
Concen: 5.741 ug/l m
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	62	Resp	31938
Ion	Ratio	Lower	Upper
62	100		
98	0.3	7.8	11.8#





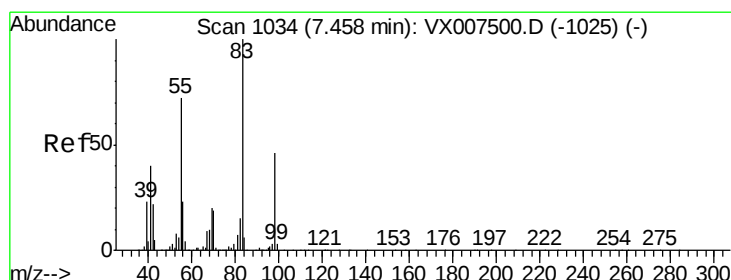
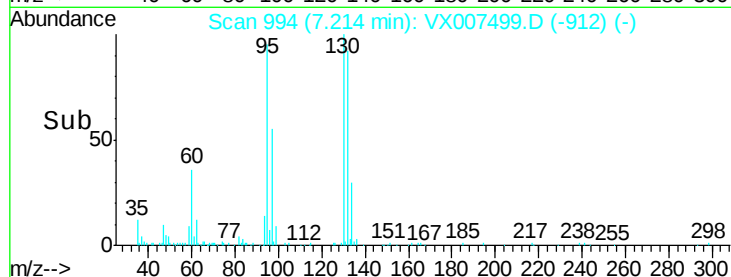
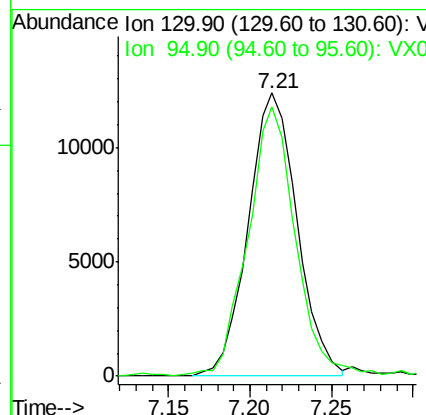
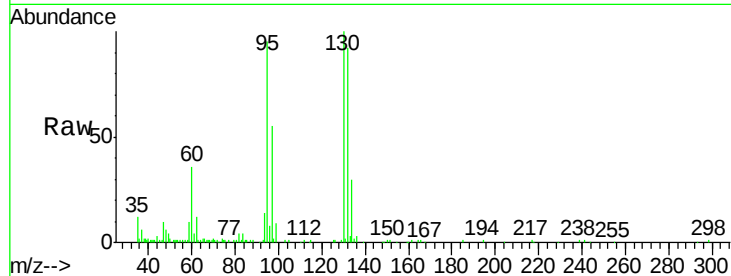
#37
Trichloroethene
Concen: 5.451 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
130	100		
95	94.3	71.3	106.9

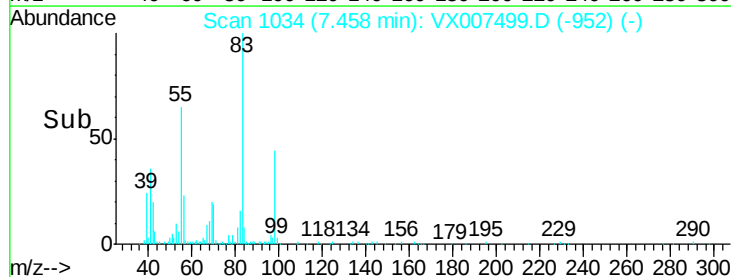
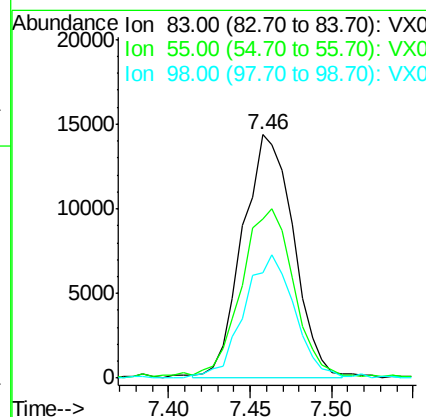
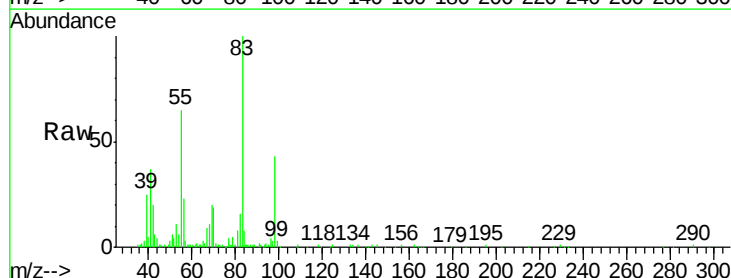
Manual Integrations
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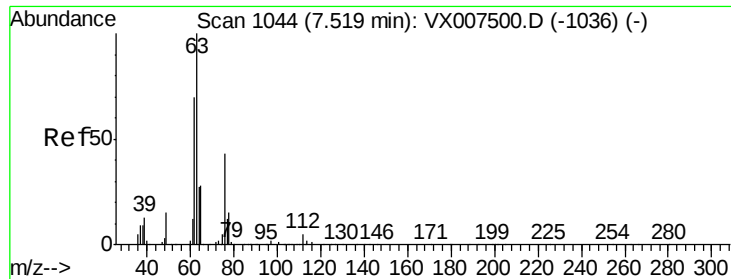
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#38
Methylcyclohexane
Concen: 4.743 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.3	36.0	108.0
98	50.5	23.8	71.4





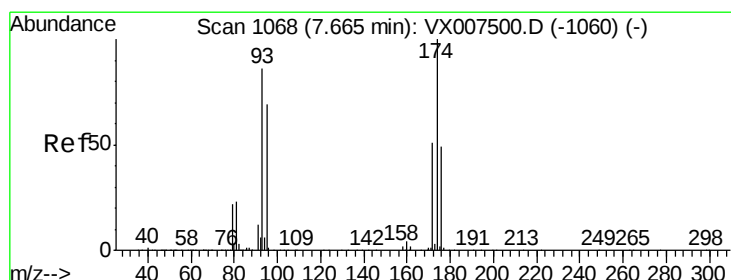
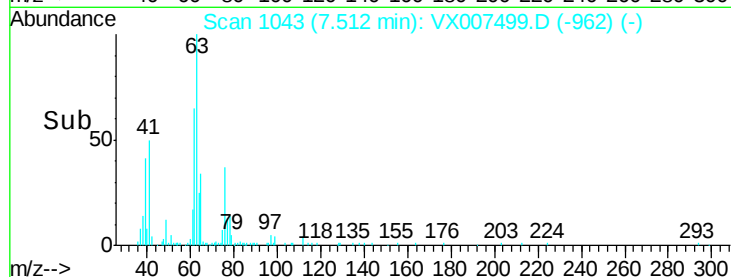
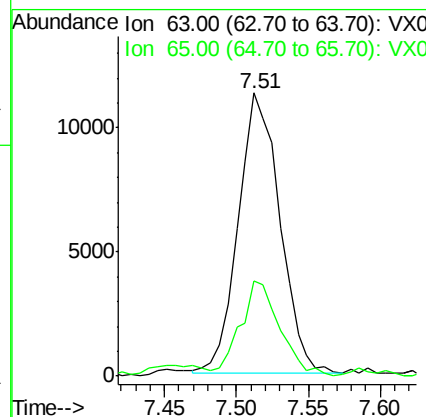
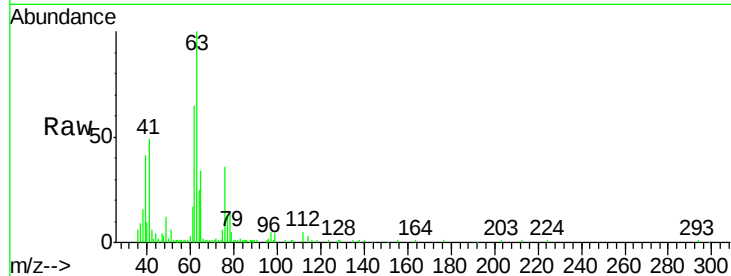
#39
 1,2-Dichloropropane
 Concen: 5.600 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.0	24.6	37.0

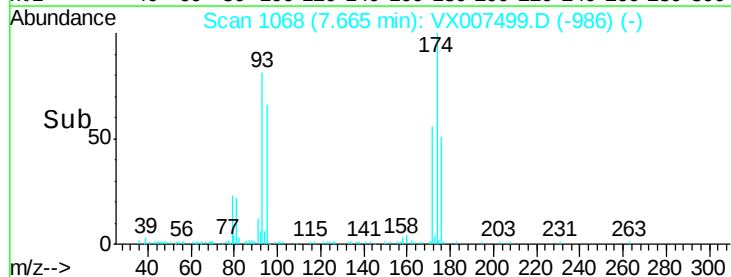
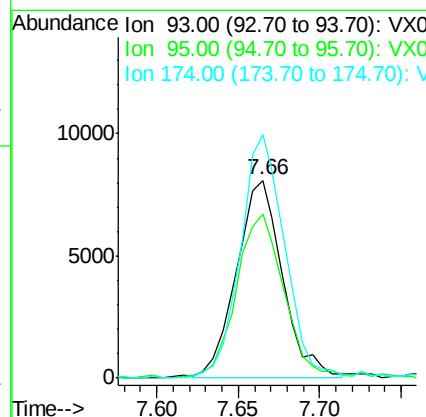
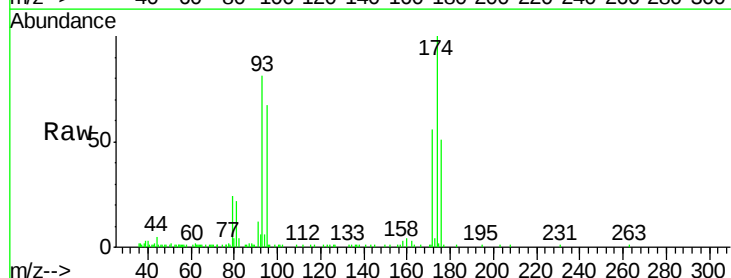
Manual Integrations
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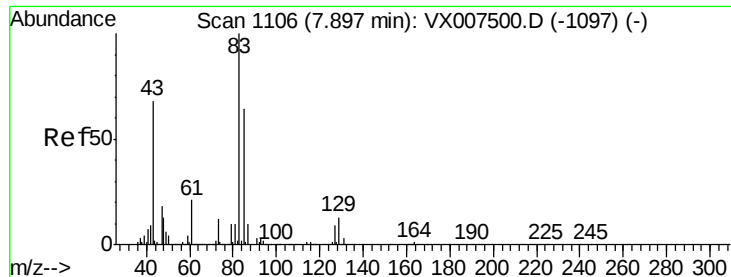
MMDadoda
 2/13/2019 11:52:34 AM



#40
 Dibromomethane
 Concen: 5.424 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.3	0.0	158.8
174	117.7	0.0	224.2





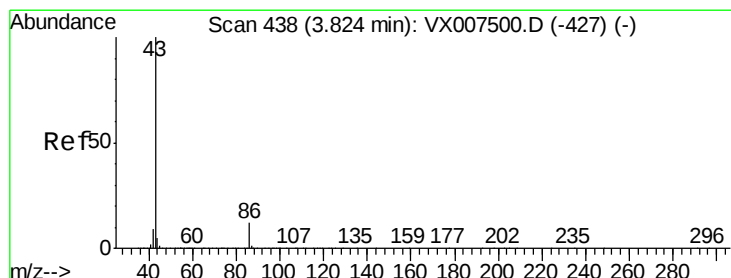
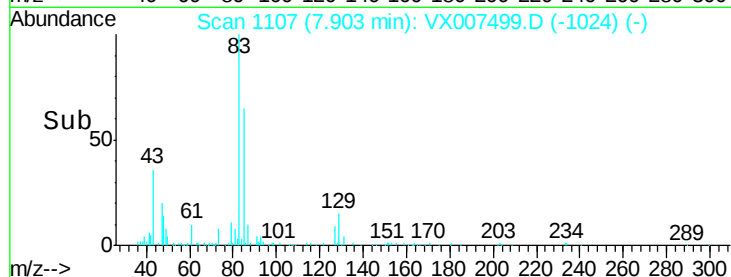
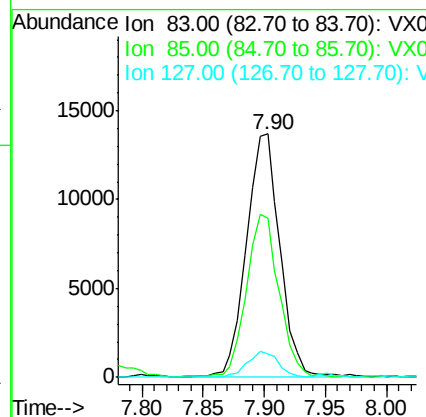
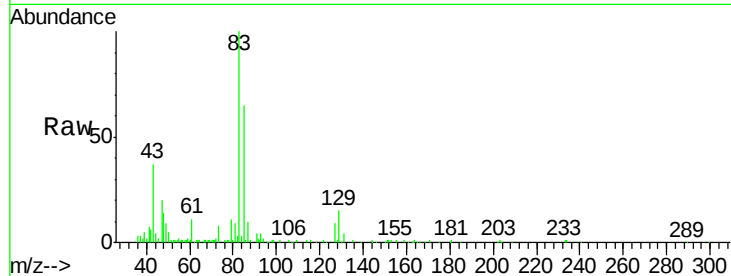
#41
Bromodichloromethane
Concen: 5.092 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.1	76.7
127	9.5	7.2	10.8

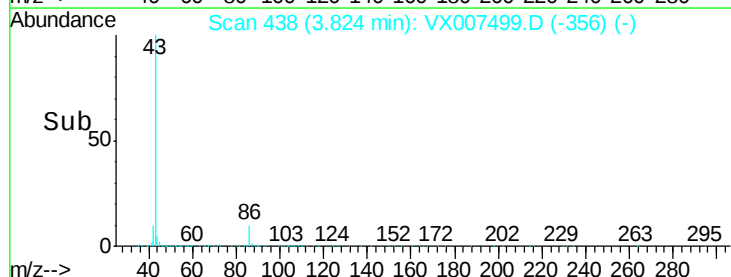
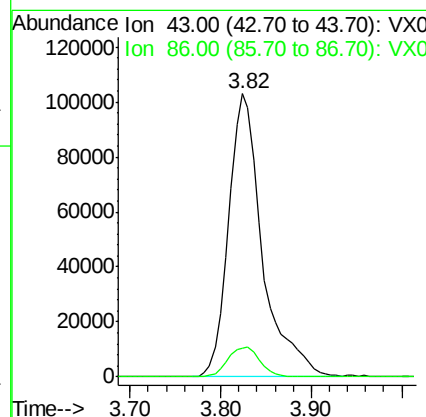
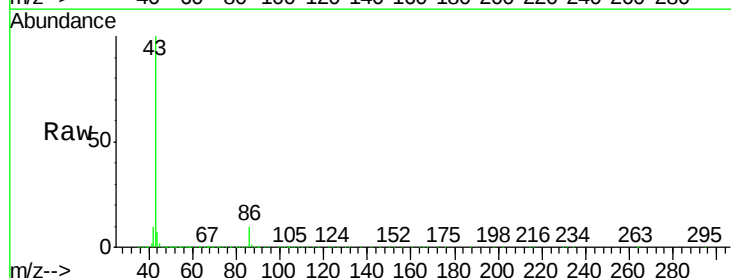
Manual Integrations
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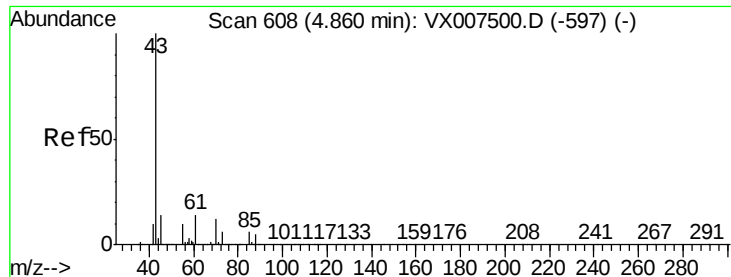
MMDadoda
2/13/2019 11:52:34 AM



#42
Vinyl Acetate
Concen: 24.928 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.2	12.2





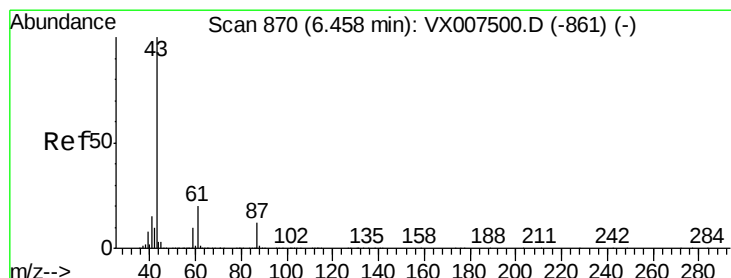
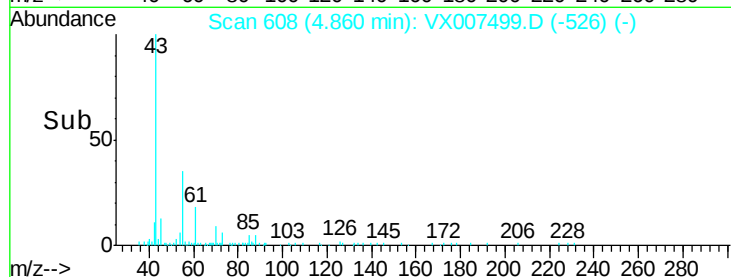
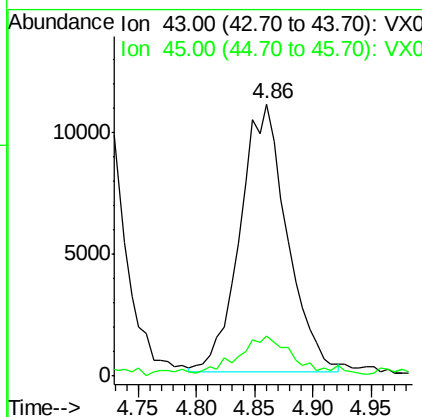
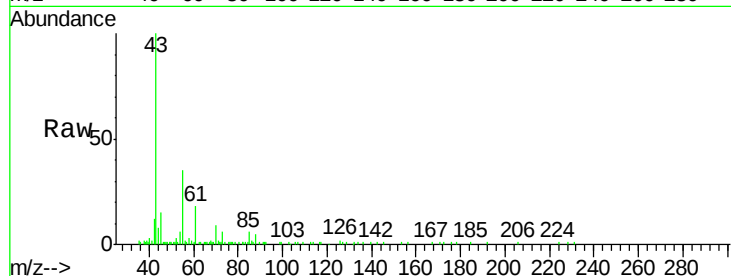
#43
Ethyl Acetate
Concen: 5.281 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
45	11.7	6.9	10.3#

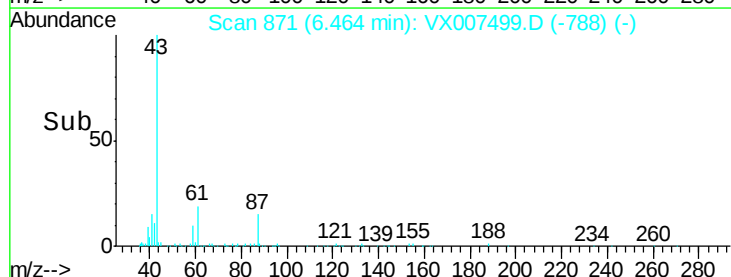
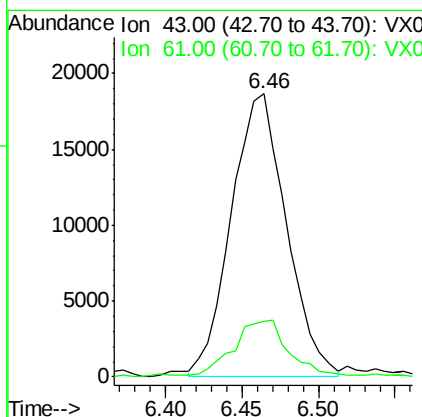
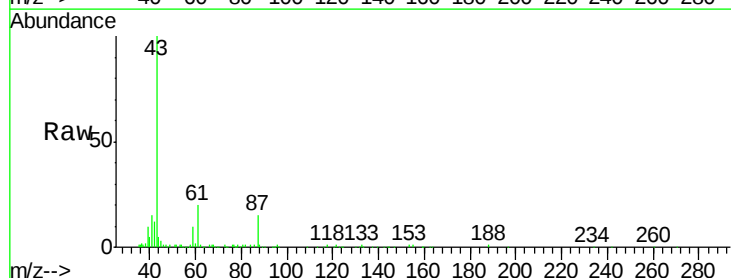
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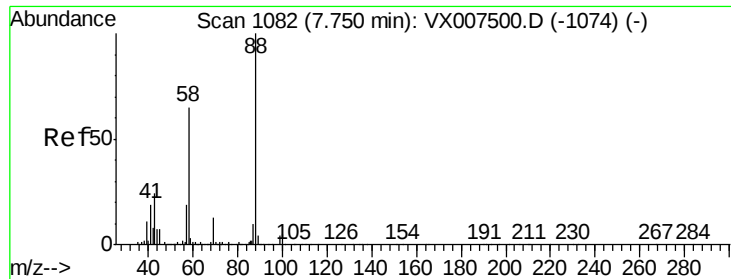
MMDadoda
2/13/2019 11:52:34 AM



#44
Isopropyl Acetate
Concen: 5.104 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.1	24.1





#45

1,4-Dioxane

Concen: 99.183 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

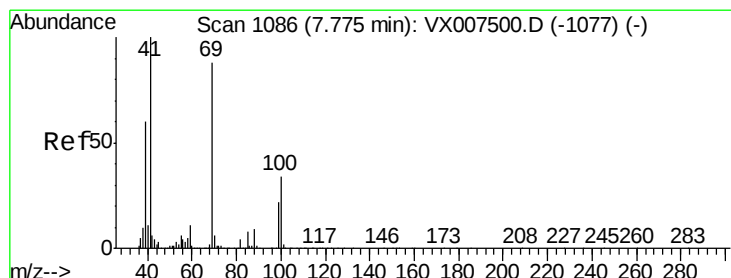
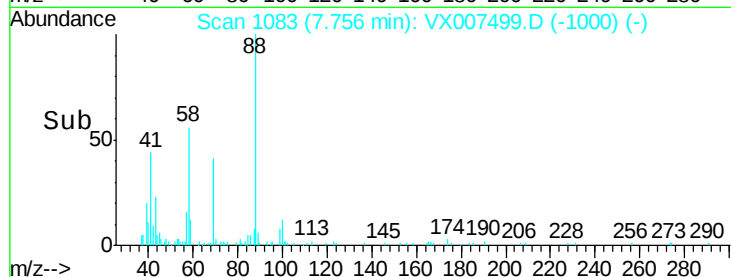
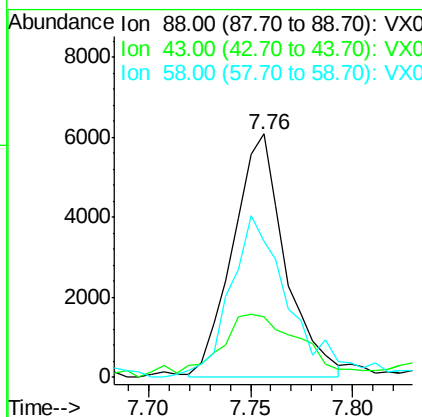
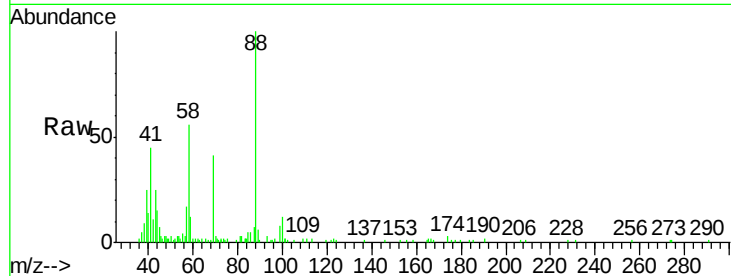
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	10865
Ion	Ratio	Lower	Upper
88	100		
43	33.1	23.6	35.4
58	73.7	51.6	77.4

Manual Integrations
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#46

Methyl methacrylate

Concen: 5.102 ug/l

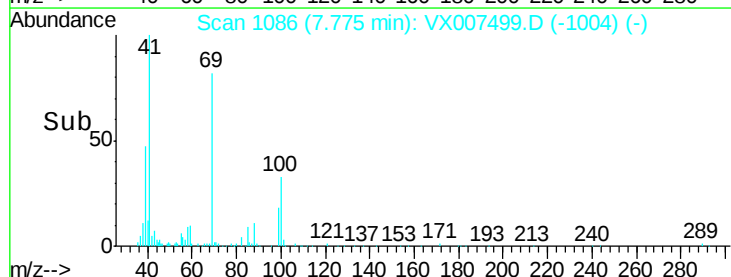
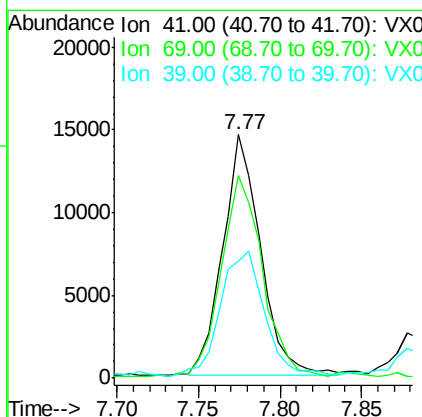
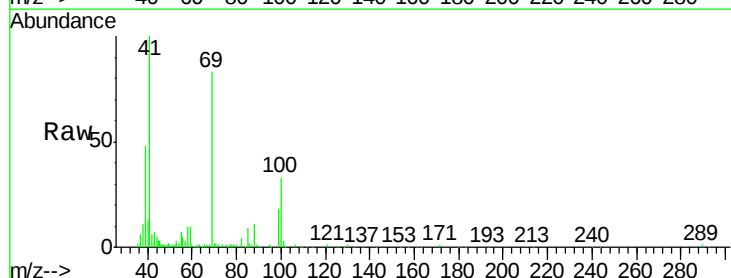
RT: 7.77 min Scan# 1086

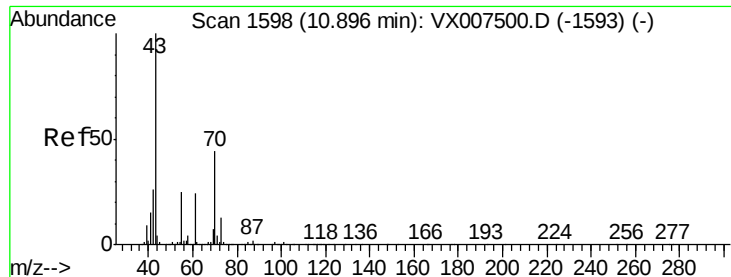
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	41	Resp:	23630
Ion	Ratio	Lower	Upper
41	100		
69	83.0	44.2	132.6
39	47.5	29.9	89.8





#47

n-amvl Acetate

Concen: 4.568 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 36462

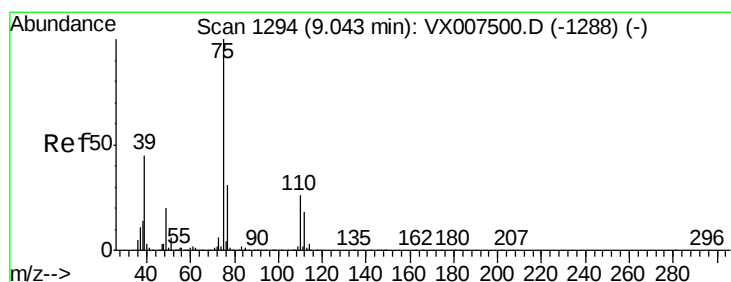
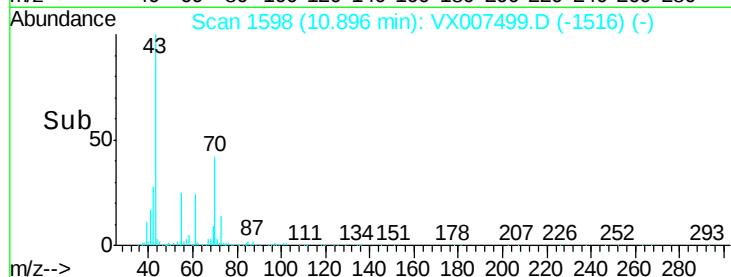
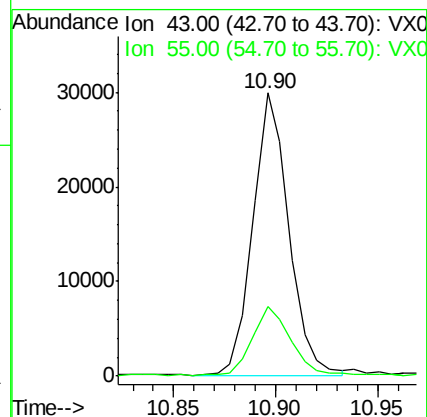
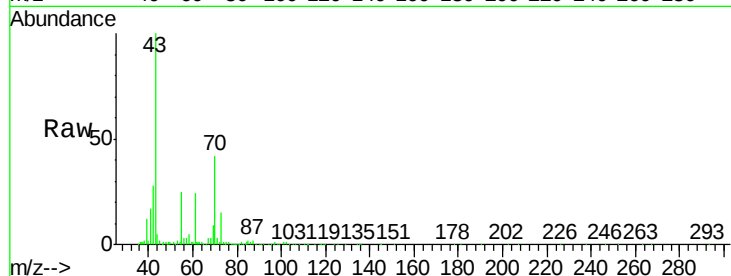
Ion Ratio Lower Upper

43 100

55 25.8 20.8 31.2

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 4.331 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007499.D

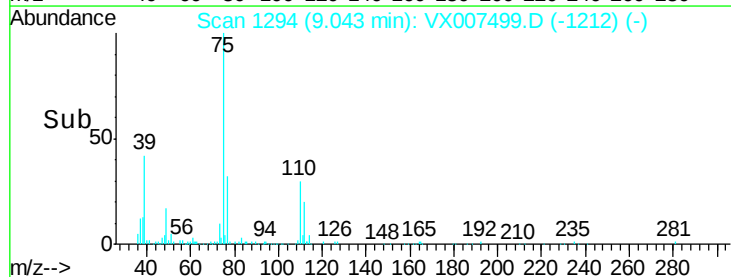
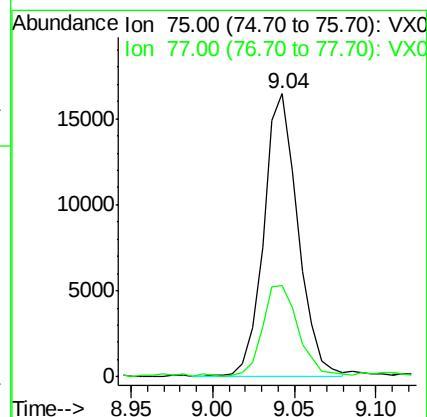
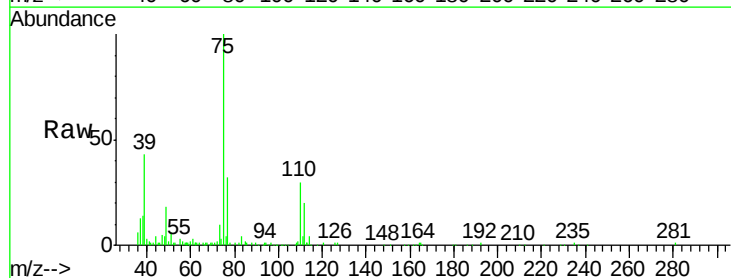
Acq: 12 Feb 2019 22:36

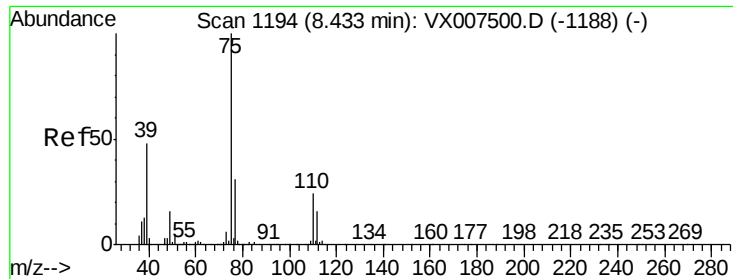
Tgt Ion: 75 Resp: 24013

Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7





#49

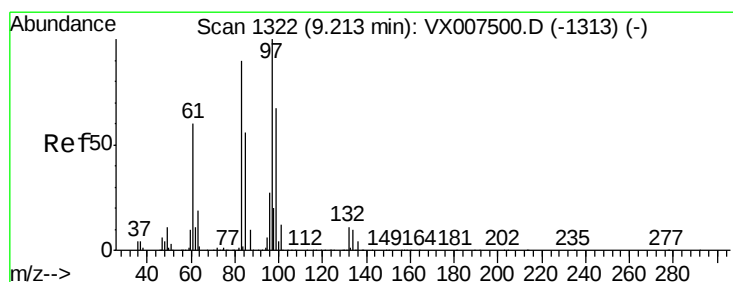
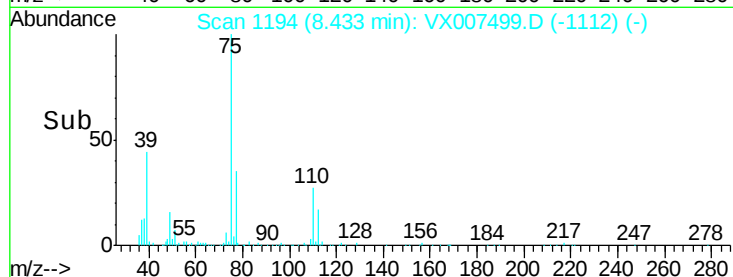
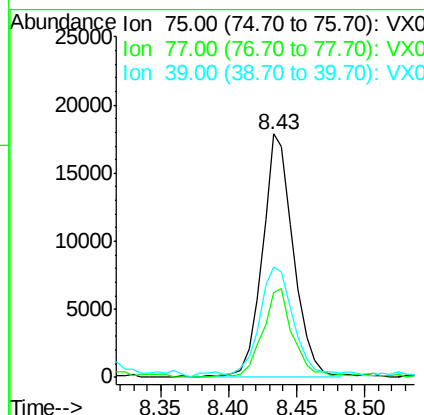
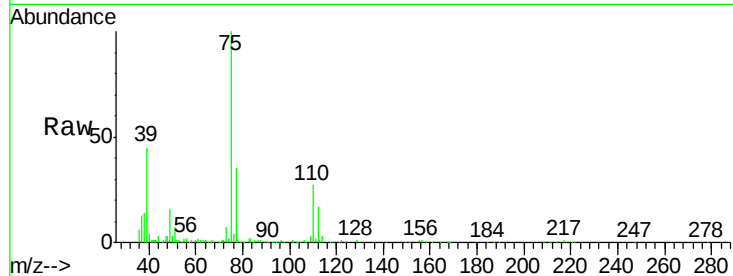
cis-1,3-Dichloropropene
Concen: 4.581 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	75	Resp:	28256
Ion Ratio	Lower	Upper	
75	100		
77	35.1	25.0	37.4
39	45.5	38.5	57.7

Manual Integrations
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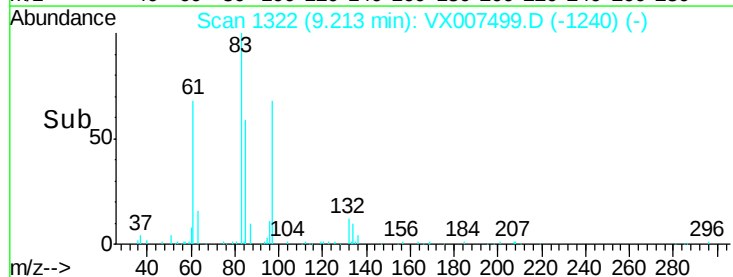
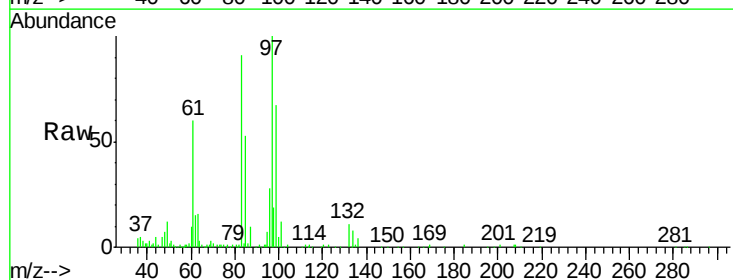
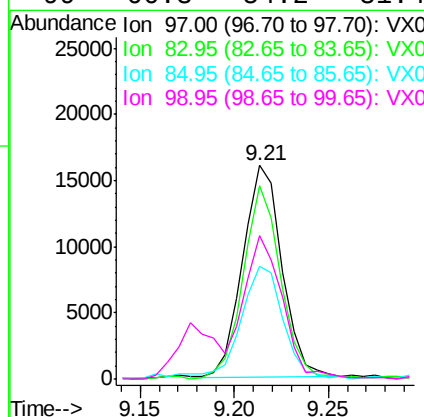
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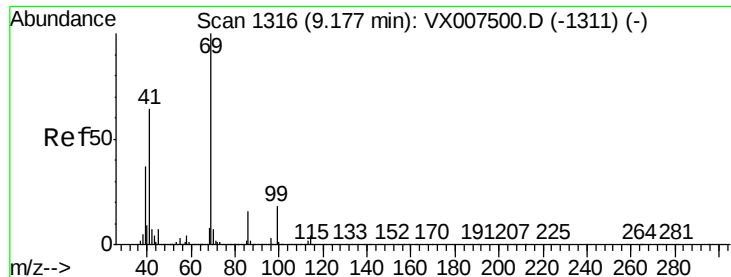


#50

1,1,2-Trichloroethane
Concen: 5.289 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion:	97	Resp:	23129
Ion Ratio	Lower	Upper	
97	100		
83	91.9	72.0	108.0
85	52.6	45.0	67.6
99	66.3	54.2	81.4





#51

Ethyl methacrylate

Concen: 5.065 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

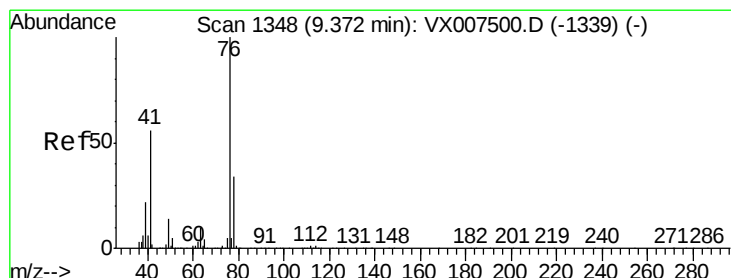
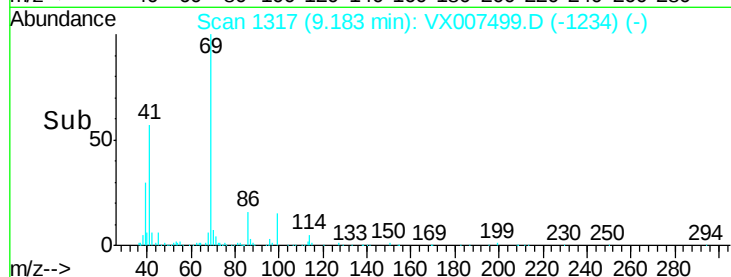
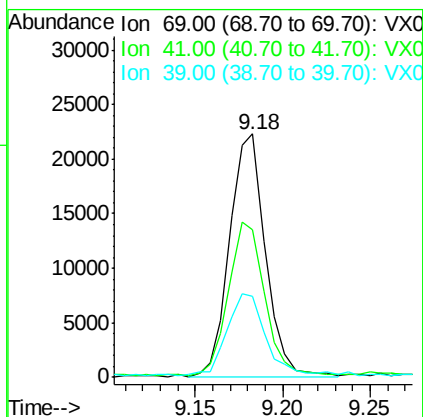
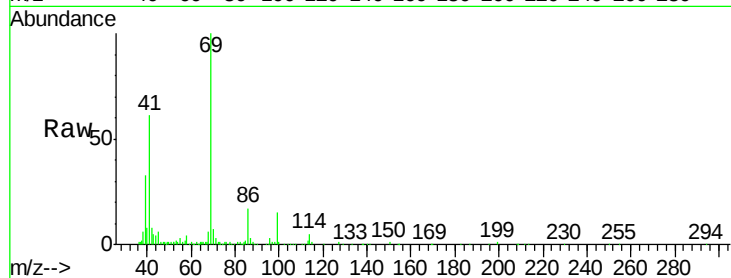
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	31750
Ion	Ratio	Lower	Upper
69	100		
41	60.4	32.1	96.5
39	32.0	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 5.409 ug/l

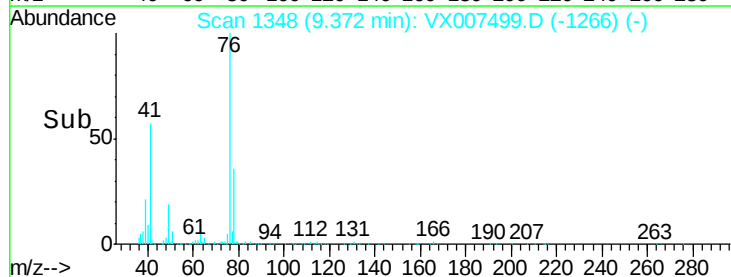
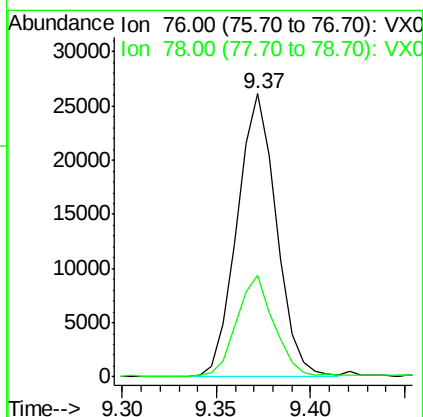
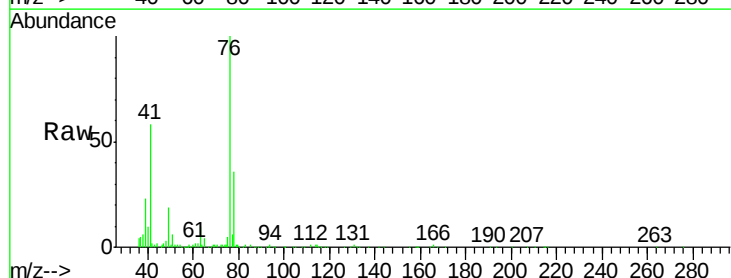
RT: 9.37 min Scan# 1348

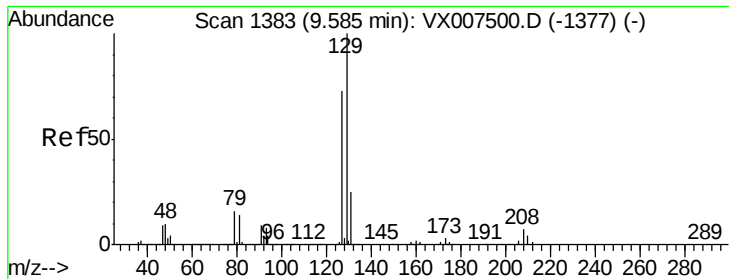
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	76	Resp:	37947
Ion	Ratio	Lower	Upper
76	100		
78	34.5	0.0	65.2





#53

Dibromochloromethane

Concen: 4.699 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:129 Resp: 20815

Ion Ratio Lower Upper

129 100

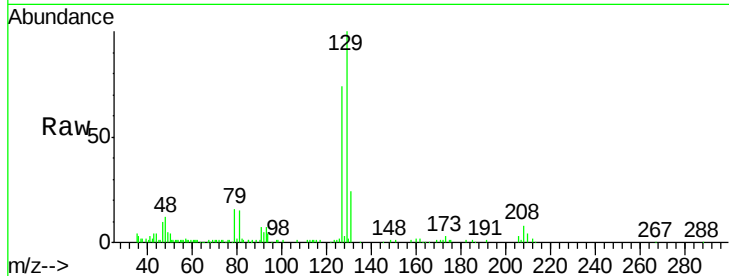
127 75.8 38.4 115.2

Manual Integrations

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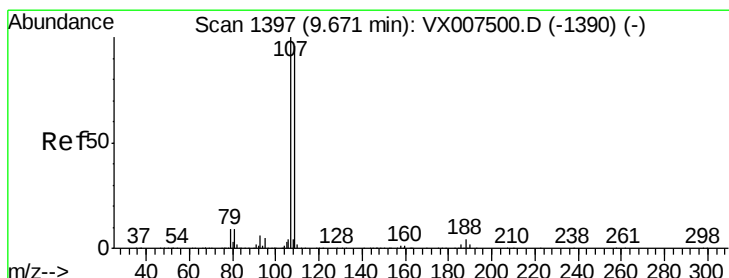
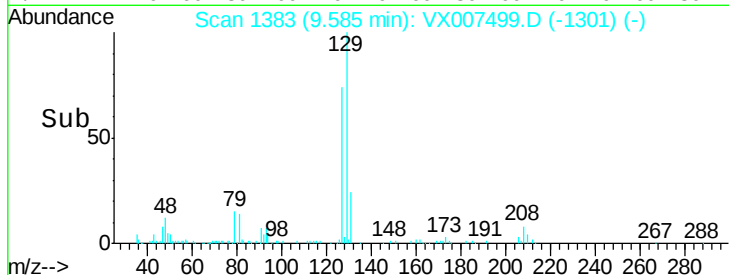
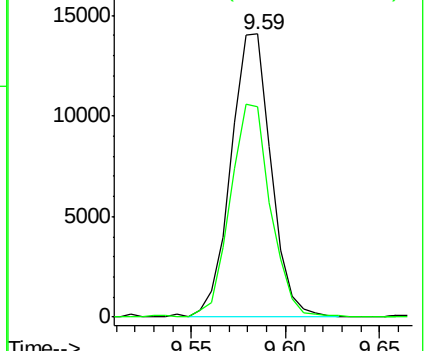
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 5.430 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007499.D

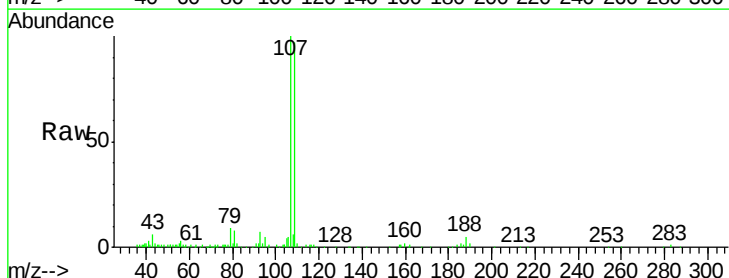
Acq: 12 Feb 2019 22:36

Tgt Ion:107 Resp: 25512

Ion Ratio Lower Upper

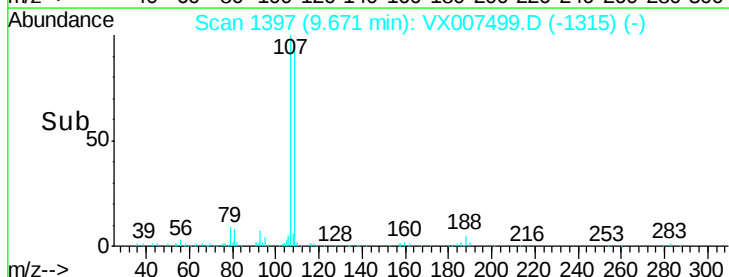
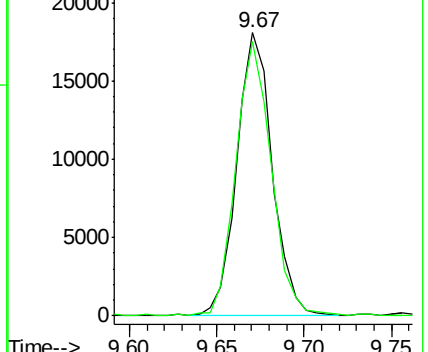
107 100

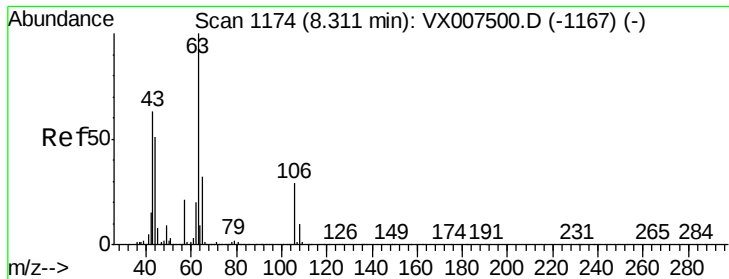
109 96.3 76.6 115.0



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: 23.596 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

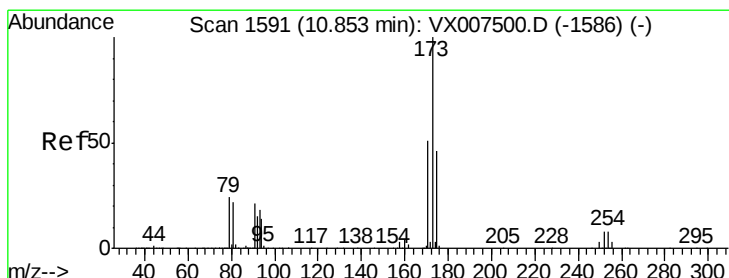
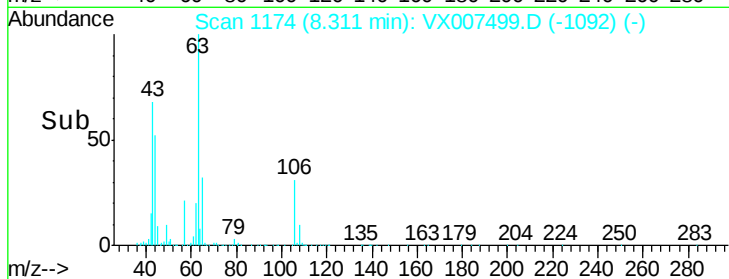
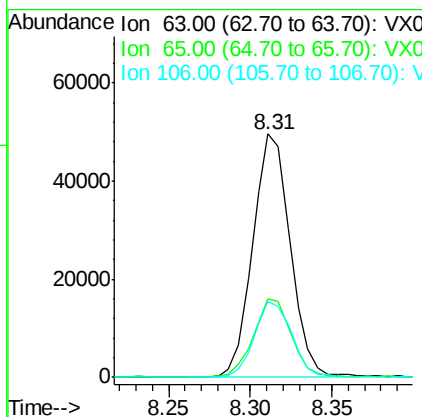
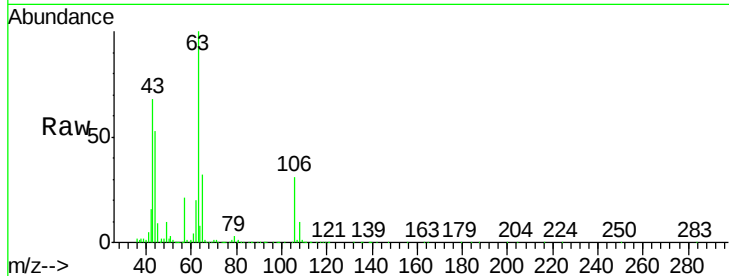
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	79495
Ion Ratio	Lower	Upper	
63	100		
65	32.8	25.7	38.5
106	31.1	23.7	35.5

Manual Integrations
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#56

Bromoform

Concen: 4.190 ug/l

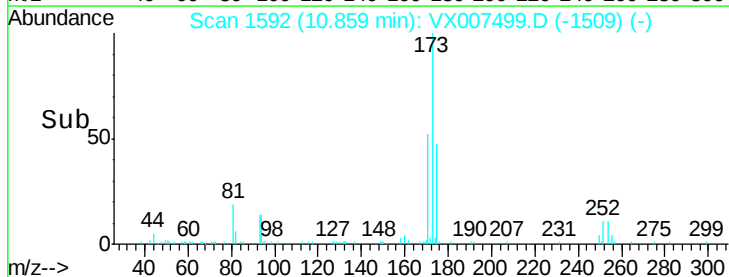
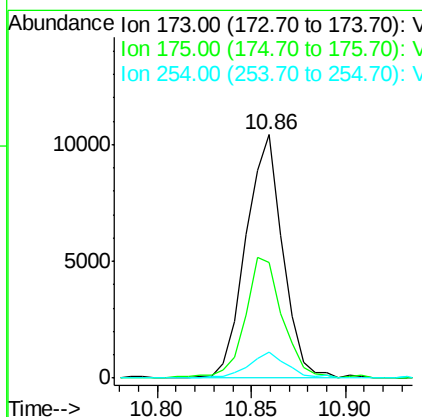
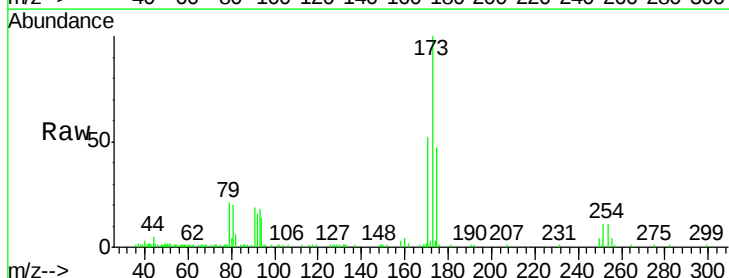
RT: 10.86 min Scan# 1592

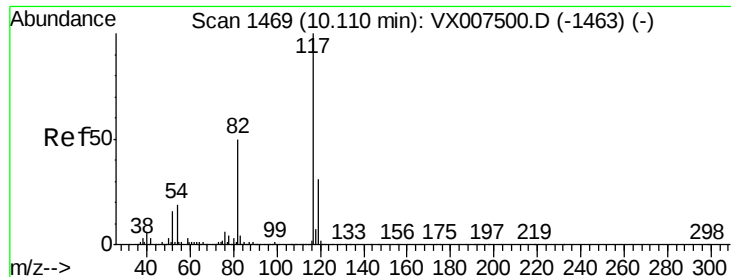
Delta R.T. 0.01 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	173	Resp:	14113
Ion Ratio	Lower	Upper	
173	100		
175	50.4	38.5	57.7
254	10.7	7.4	11.2





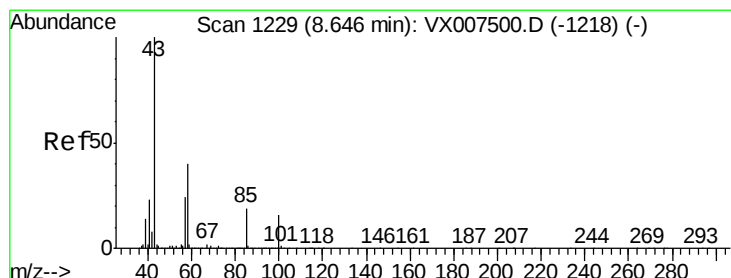
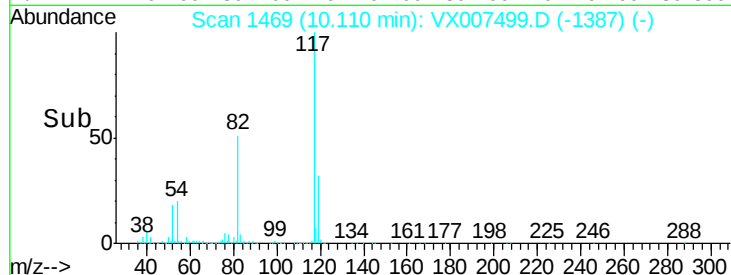
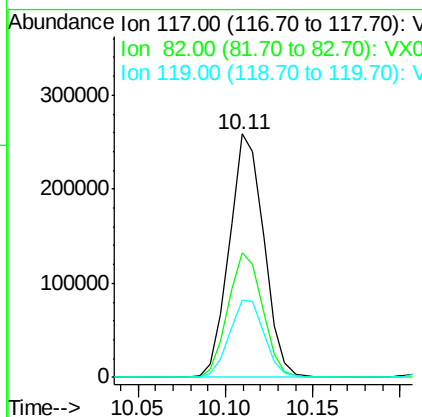
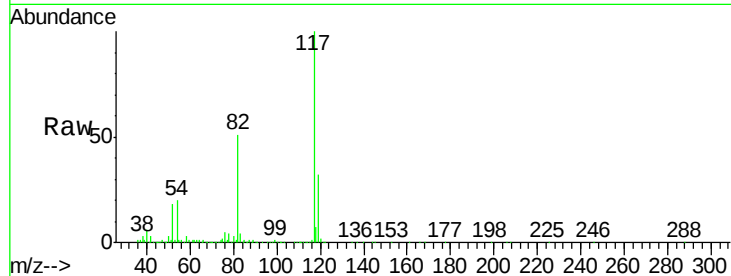
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	51.3	40.4	60.6
119	32.3	25.8	38.6

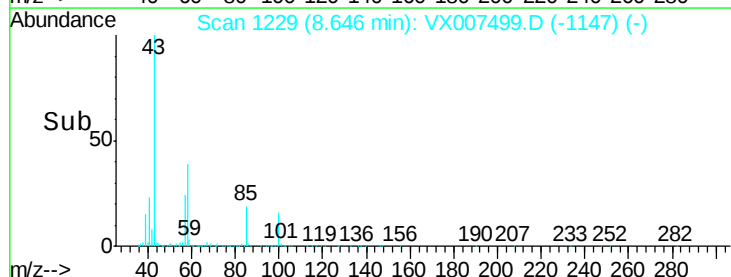
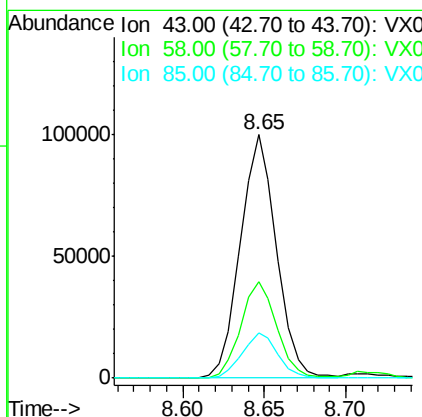
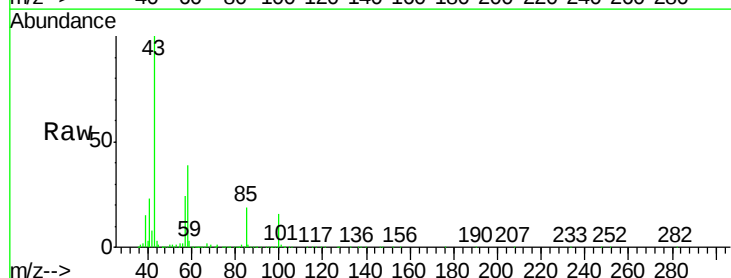
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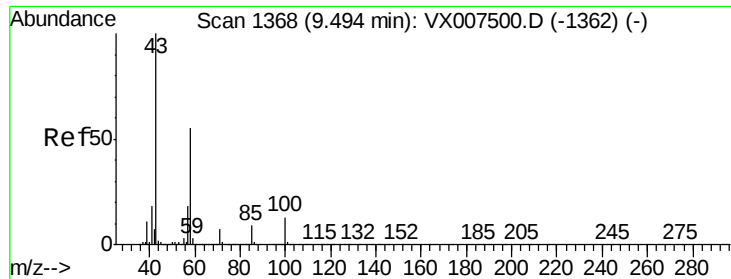
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#58
4-Methyl-2-Pentanone
Concen: 25.383 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	39.3	31.4	47.0
85	18.6	15.0	22.6





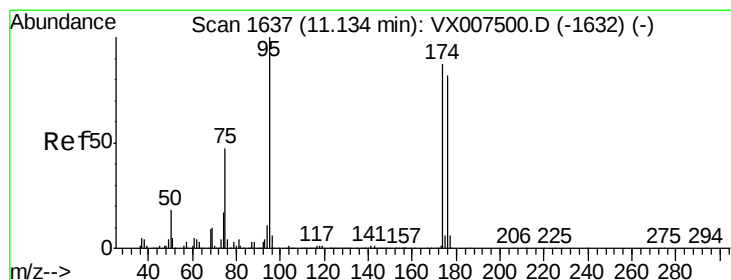
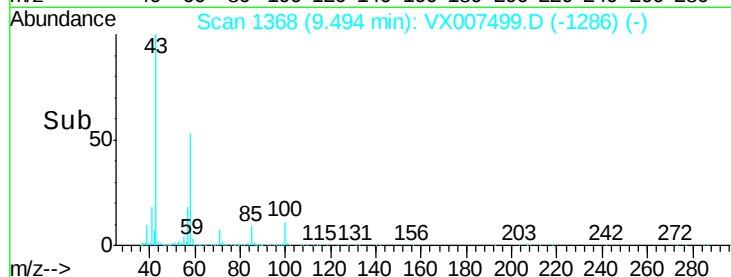
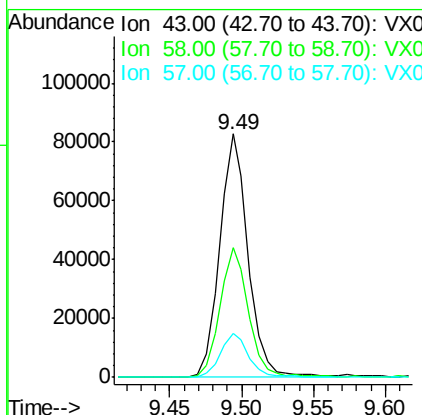
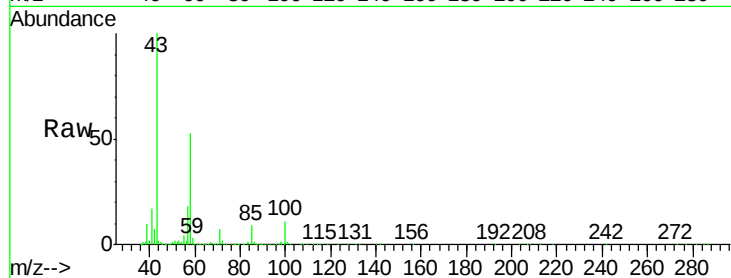
#59
2-Hexanone
Concen: 24.433 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.6	43.9	65.9
57	18.0	14.9	22.3

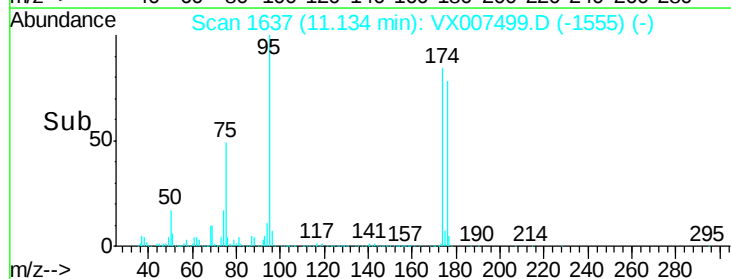
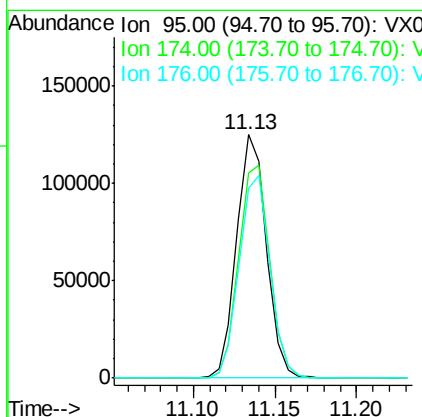
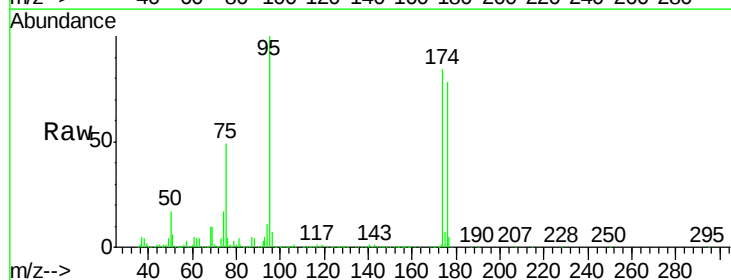
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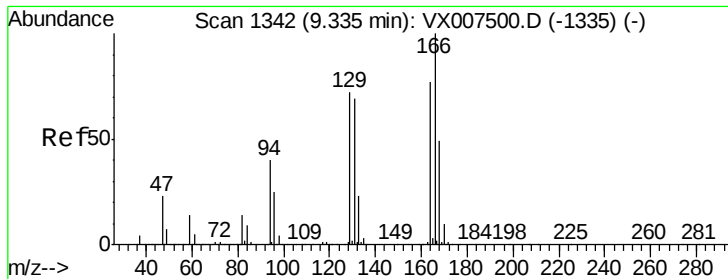
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.100 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.6	74.9	112.3
176	86.3	70.7	106.1





#61

Tetrachloroethene

Concen: 5.435 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 26795

Ion Ratio Lower Upper

164 100

166 136.6 103.9 155.9

129 94.3 74.7 112.1

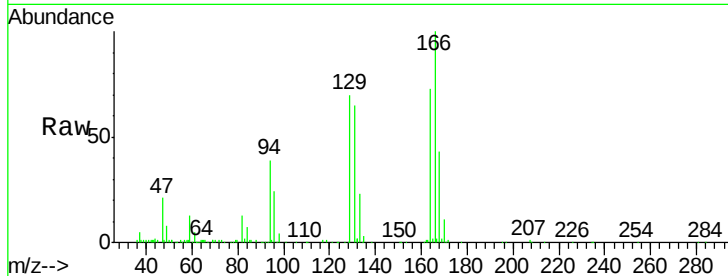
131 88.7 71.7 107.5

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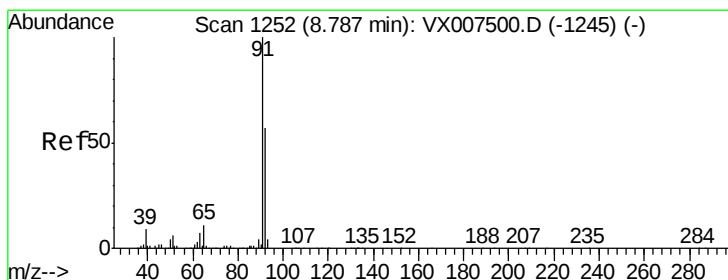
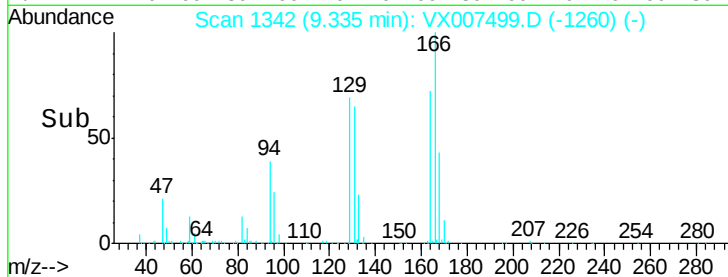
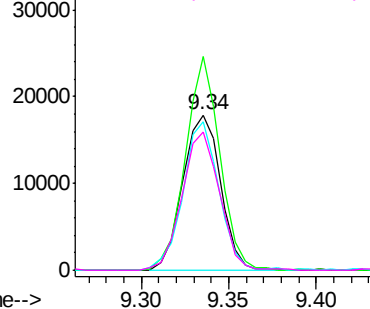


Abundance Ion 163.85 (163.55 to 164.55): V

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: 5.497 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007499.D

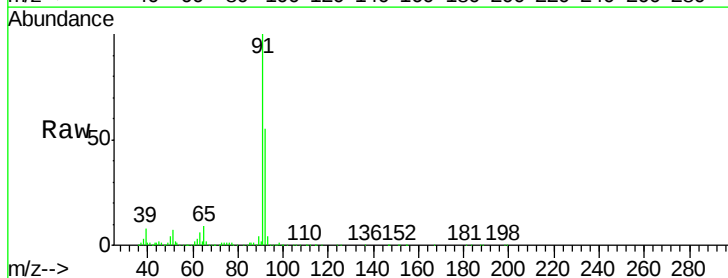
Acq: 12 Feb 2019 22:36

Tgt Ion: 91 Resp: 100156

Ion Ratio Lower Upper

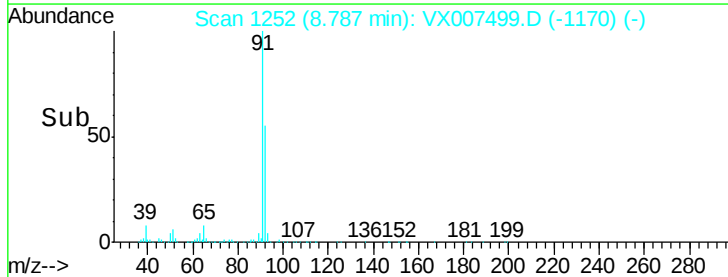
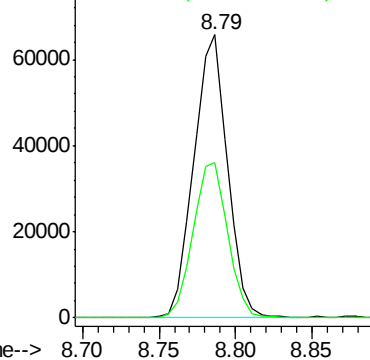
91 100

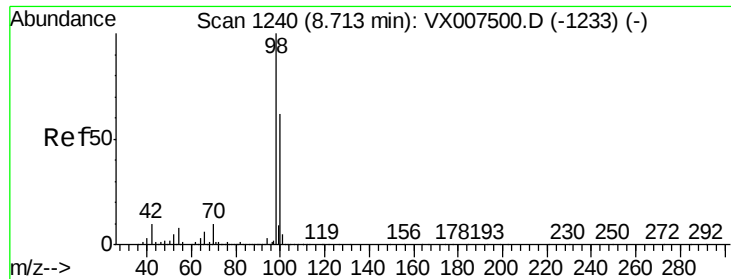
92 56.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.276 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 98 Resp: 484873

Ion Ratio Lower Upper

98 100

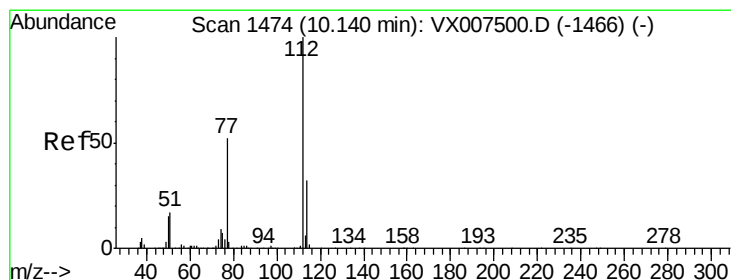
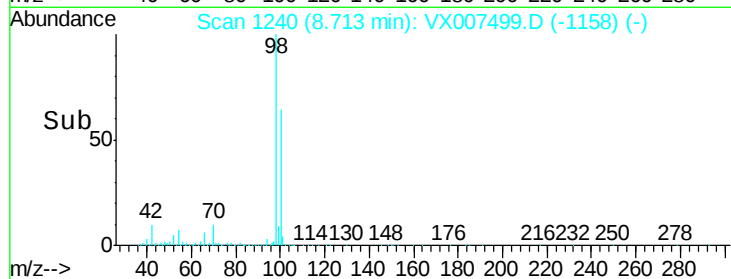
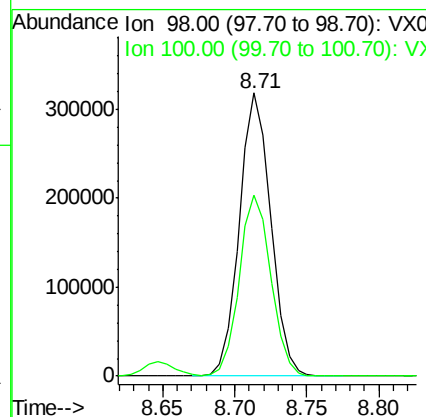
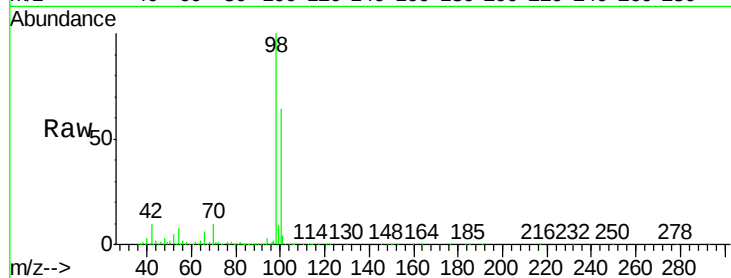
100 64.5 50.9 76.3

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#64

Chlorobenzene

Concen: 5.456 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007499.D

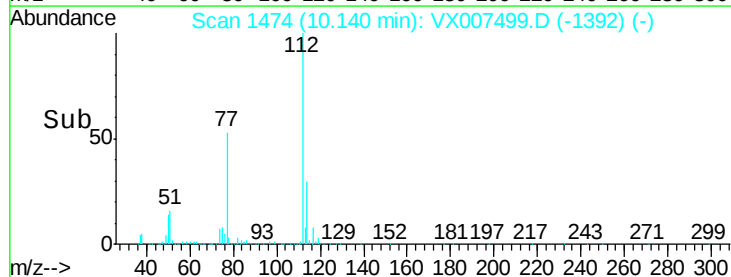
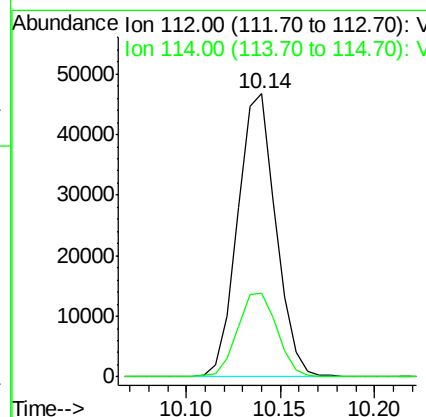
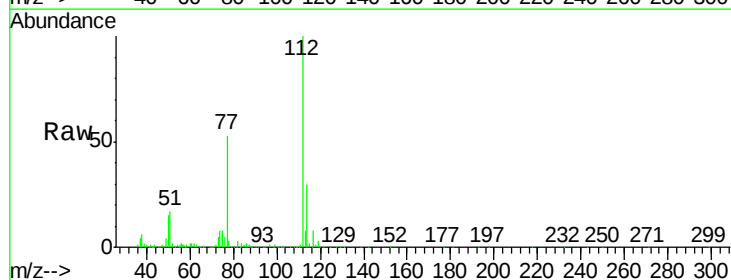
Acq: 12 Feb 2019 22:36

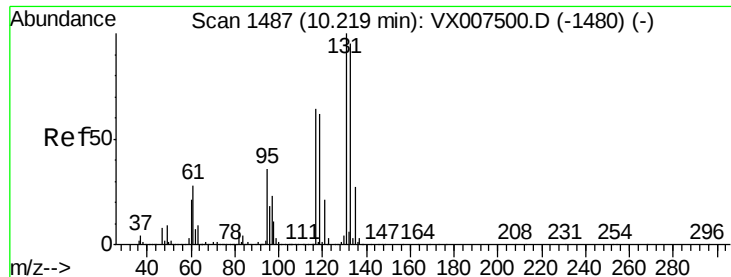
Tgt Ion: 112 Resp: 65495

Ion Ratio Lower Upper

112 100

114 29.7 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 5.094 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

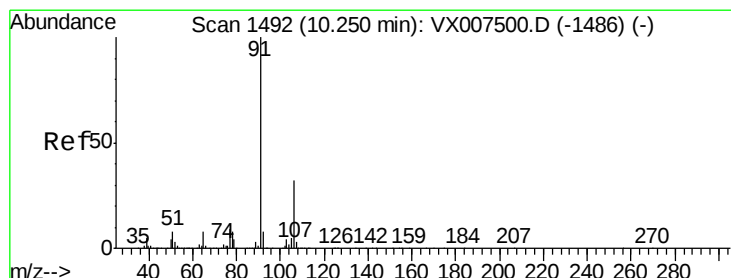
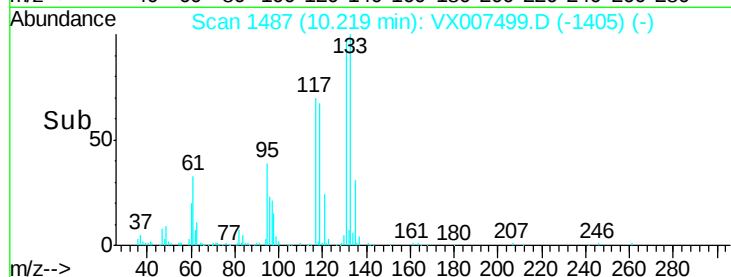
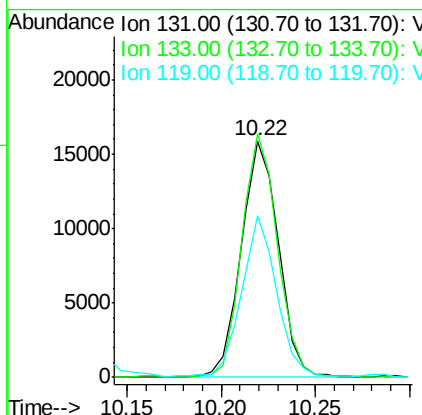
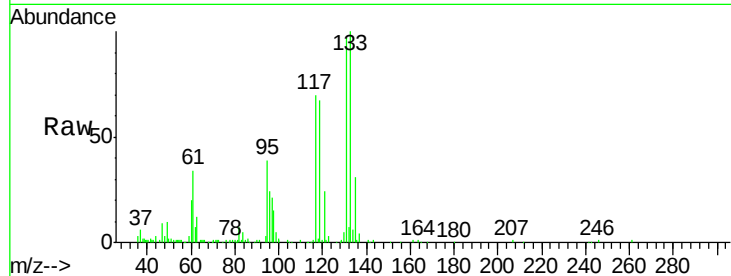
ClientSampleId :

VSTDIC005

Tot Ion:	131	Resp:	21786
Ion	Ratio	Lower	Upper
131	100		
133	98.3	0.0	191.6
119	64.3	0.0	127.4

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#66

Ethyl Benzene

Concen: 5.131 ug/l

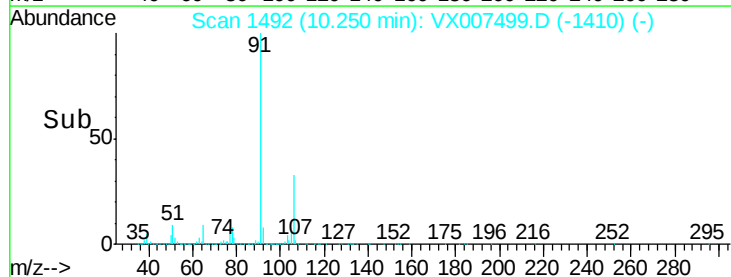
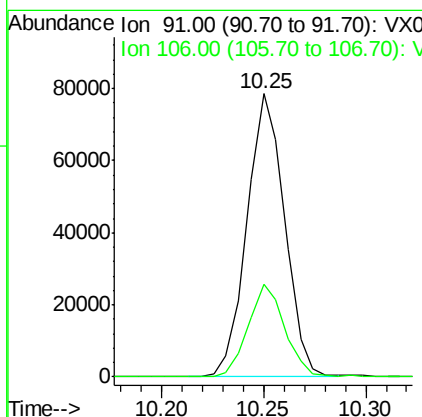
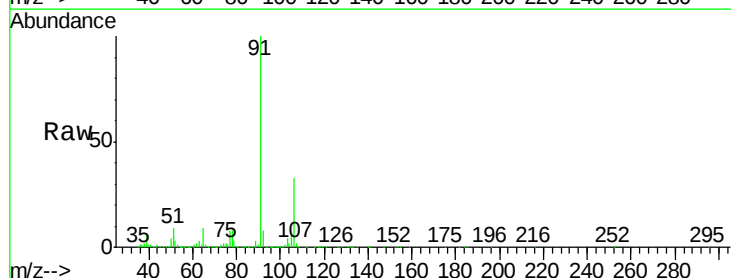
RT: 10.25 min Scan# 1492

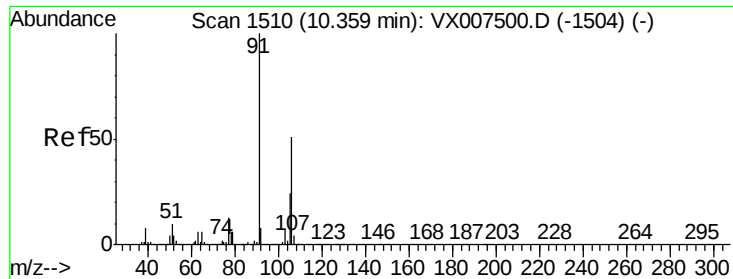
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	91	Resp:	100659
Ion	Ratio	Lower	Upper
91	100		
106	32.6	26.0	39.0





#67

m/p-Xylenes

Concen: 10.077 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 77841

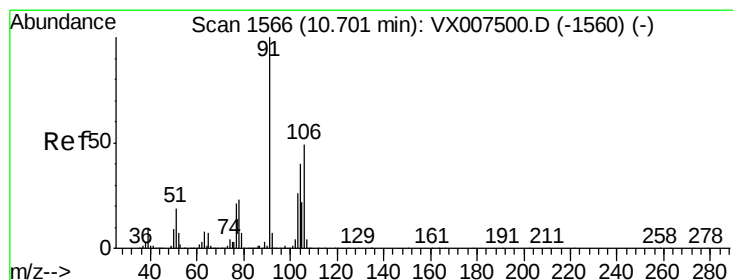
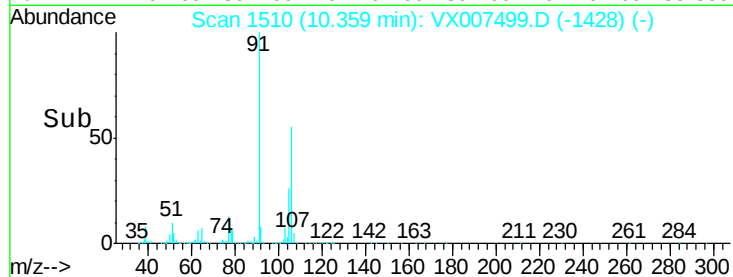
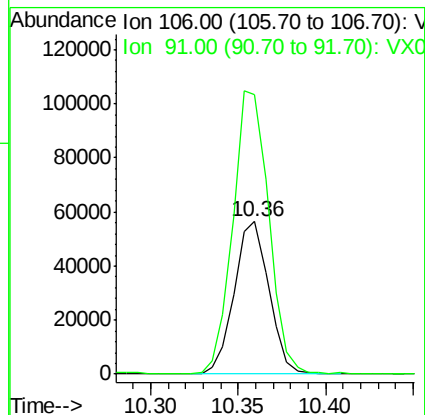
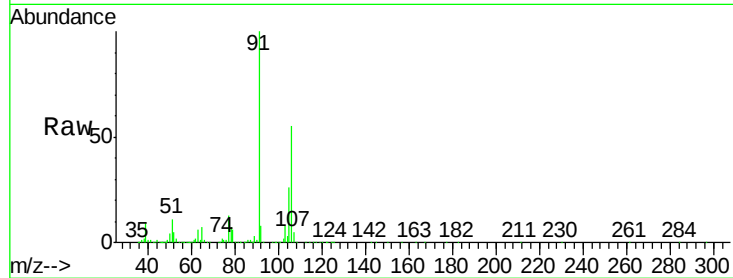
Ion Ratio Lower Upper

106 100

91 192.0 157.0 235.4

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#68

o-Xylene

Concen: 5.123 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007499.D

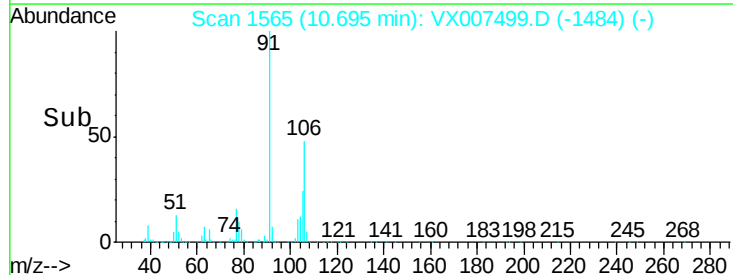
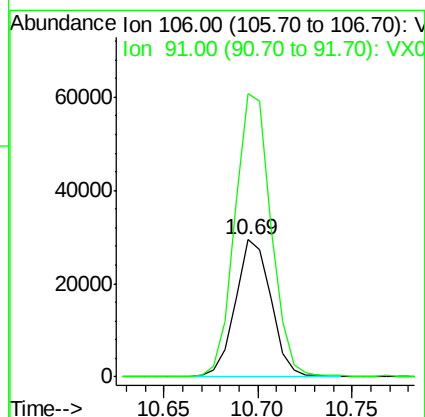
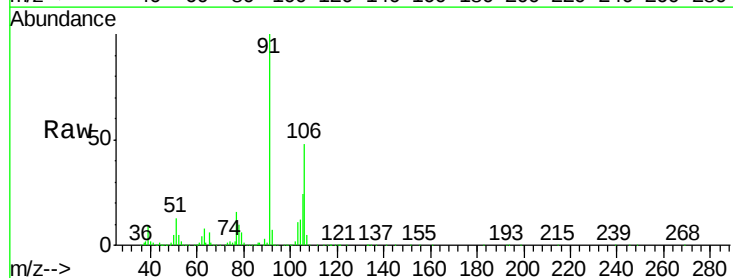
Acq: 12 Feb 2019 22:36

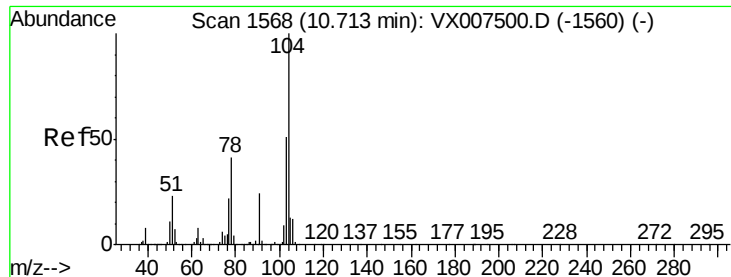
Tgt Ion:106 Resp: 38777

Ion Ratio Lower Upper

106 100

91 207.1 104.4 313.2





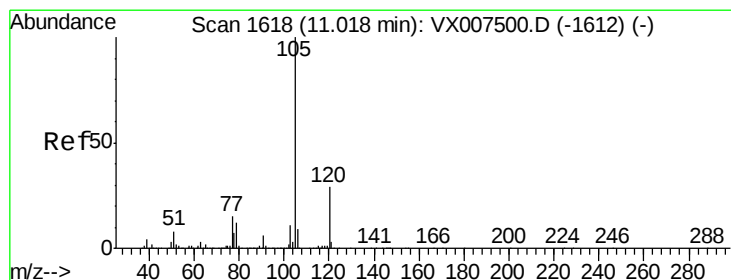
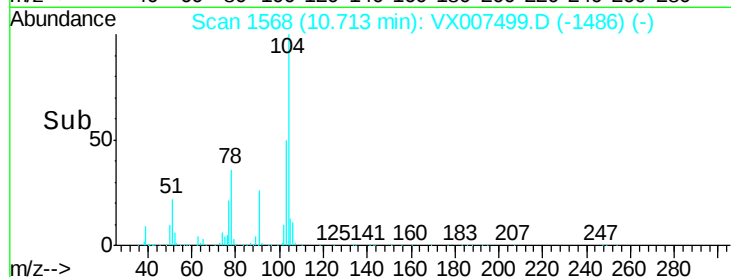
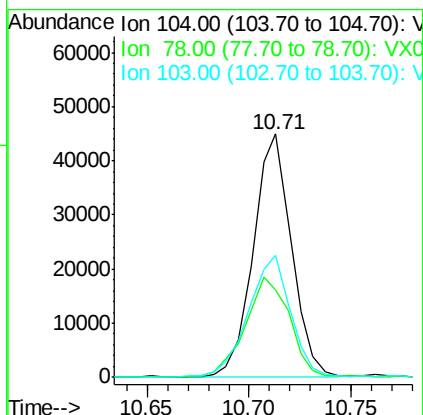
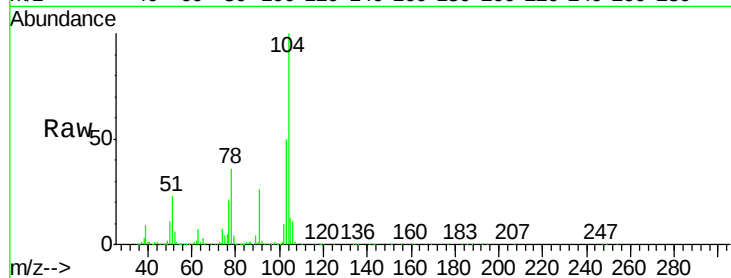
#69
Stvrene
Concen: 4.818 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.2	57.2
103	55.5	45.0	67.4

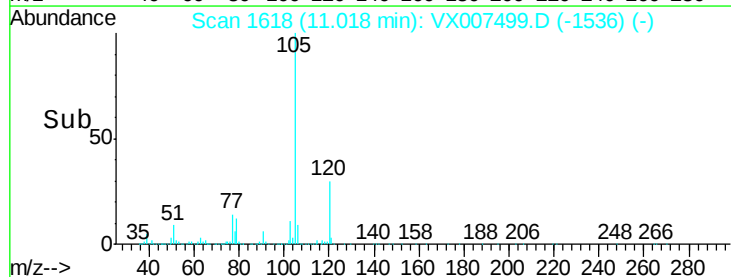
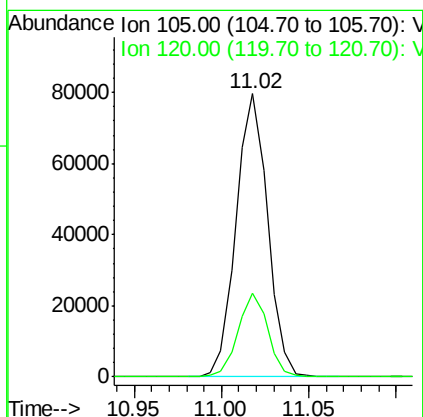
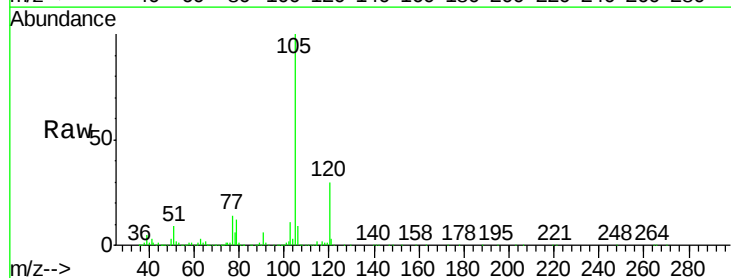
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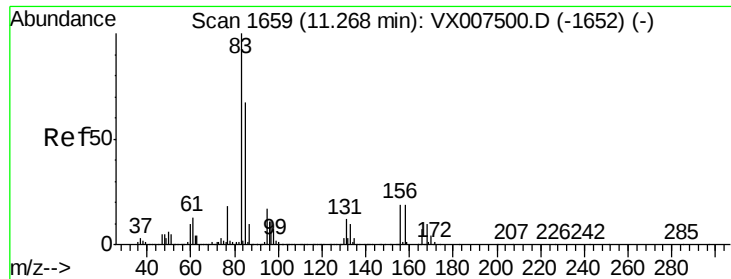
MMDadoda
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#70
Isopropylbenzene
Concen: 4.995 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.2	19.8	36.8





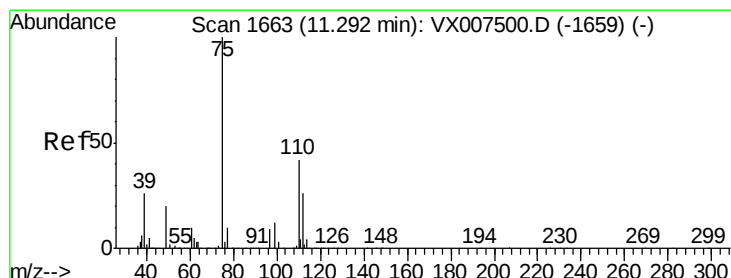
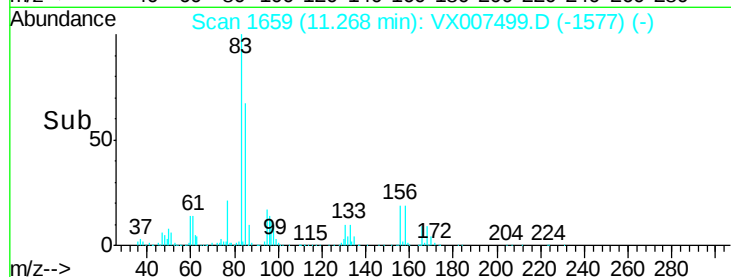
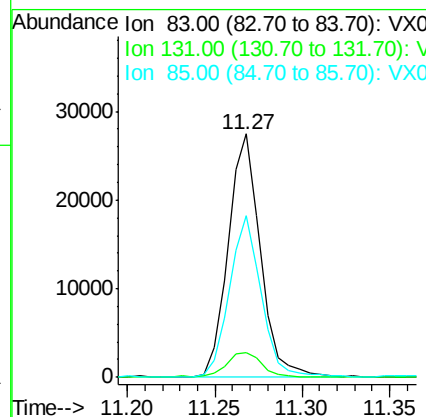
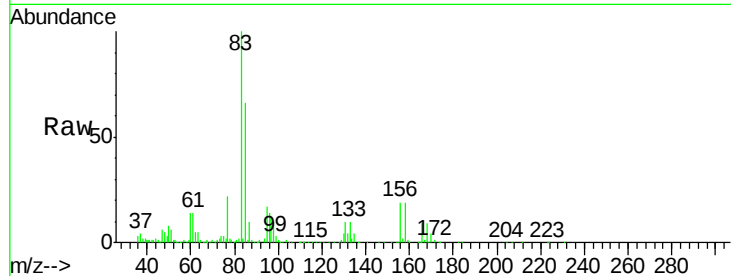
#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.436 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.4	16.2
85	65.3	32.8	98.4

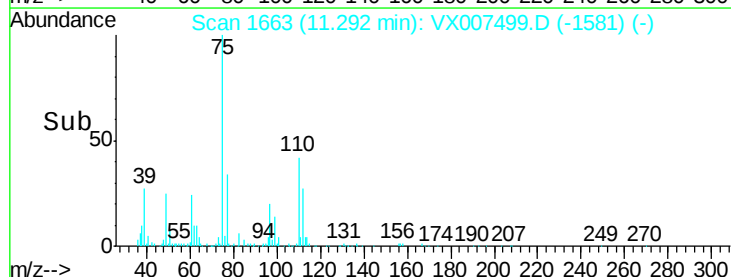
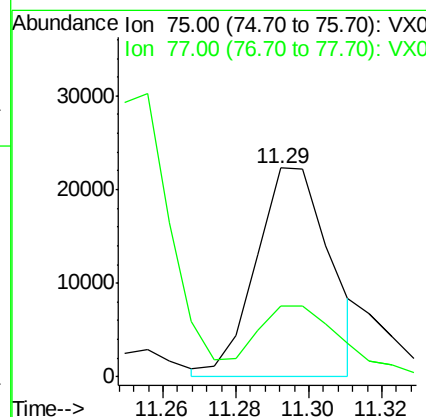
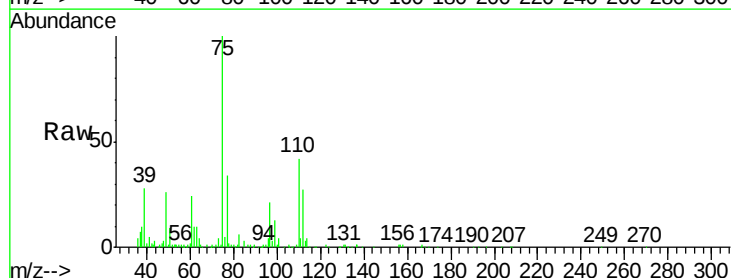
Manual Integrations
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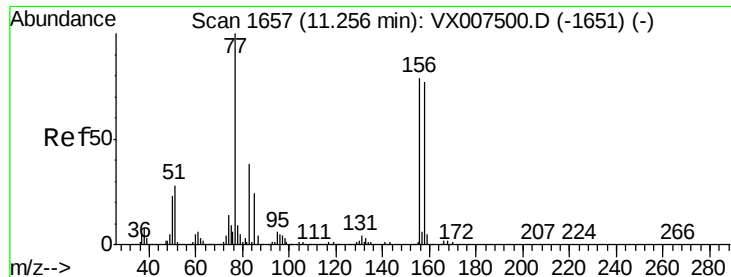
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#72
 1,2,3-Trichloropropane
 Concen: 5.186 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.5	0.0	76.4





#73

Bromobenzene

Concen: 5.067 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

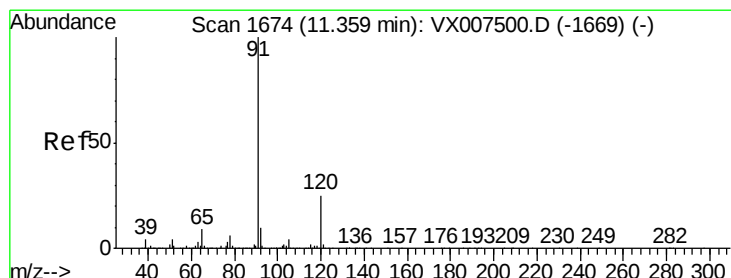
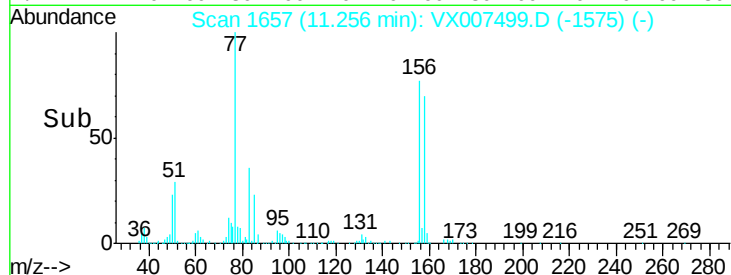
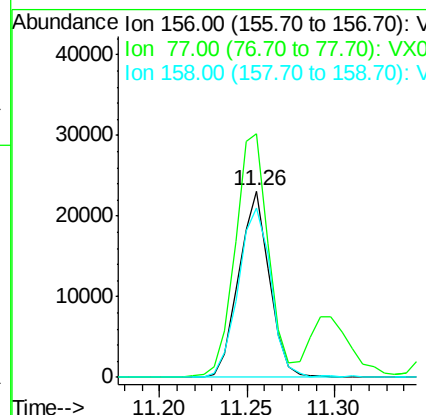
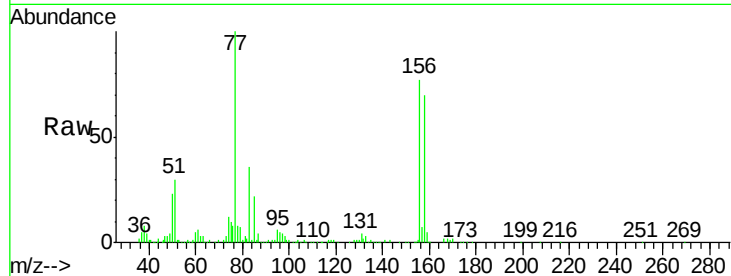
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.3	0.0	271.4
158	97.4	0.0	194.0

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#74

n-propylbenzene

Concen: 4.810 ug/l

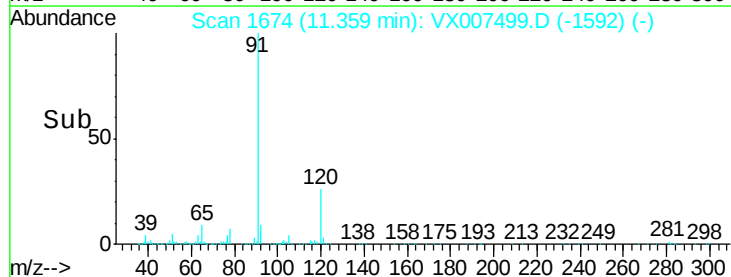
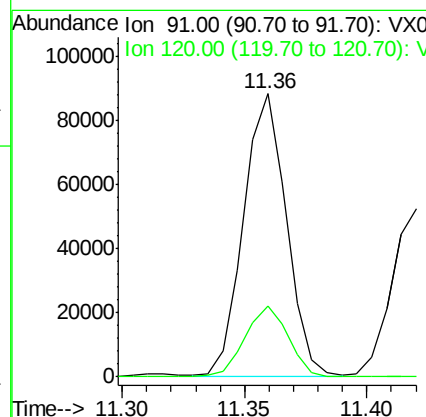
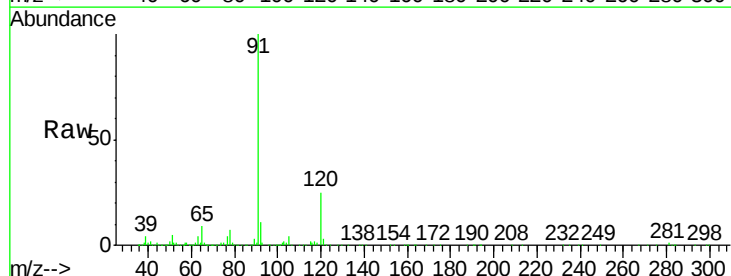
RT: 11.36 min Scan# 1674

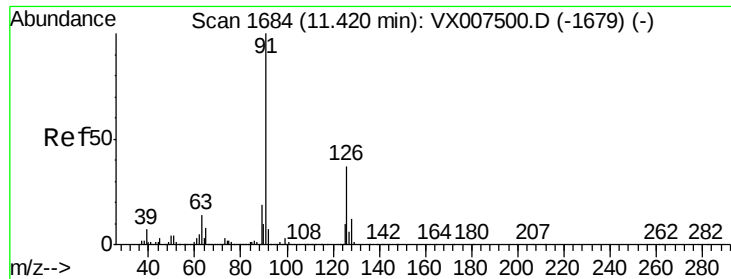
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.3	0.0	48.6





#75

2-Chlorotoluene

Concen: 5.181 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 69044

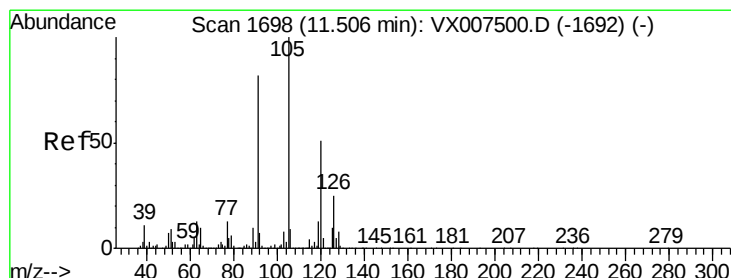
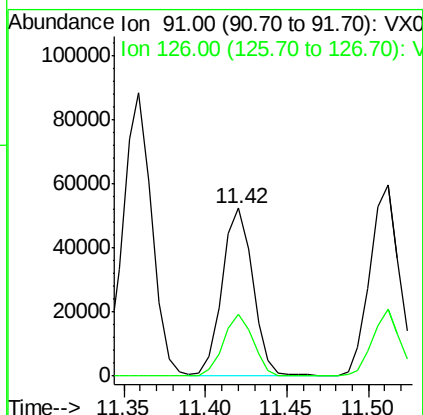
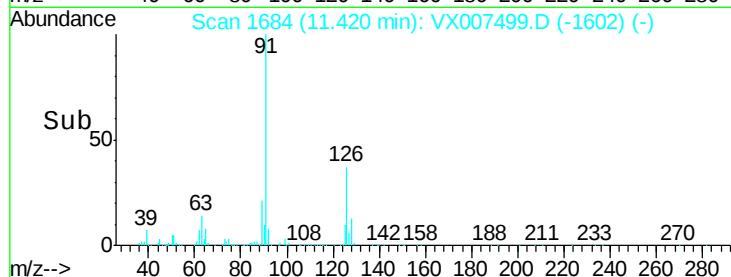
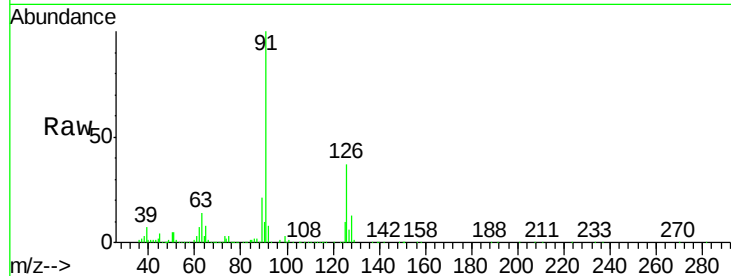
Ion Ratio Lower Upper

91 100

126 35.9 0.0 75.2

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#76

1,3,5-Trimethylbenzene

Concen: 4.824 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007499.D

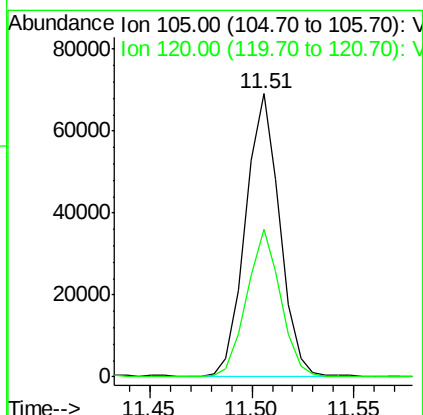
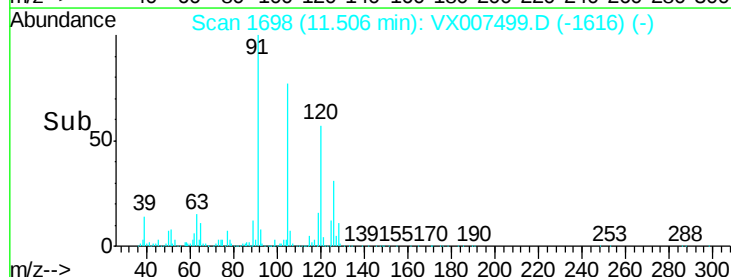
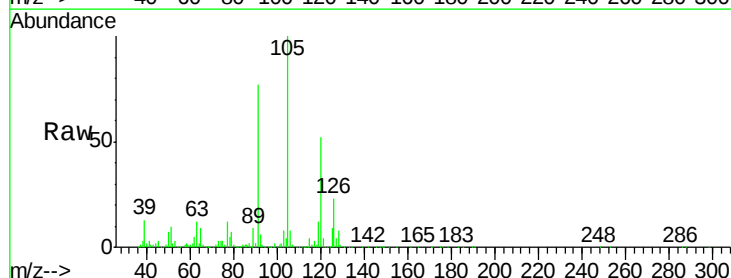
Acq: 12 Feb 2019 22:36

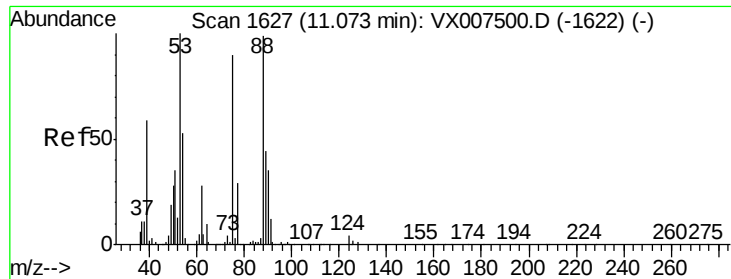
Tgt Ion: 105 Resp: 80186

Ion Ratio Lower Upper

105 100

120 51.8 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 3.834 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

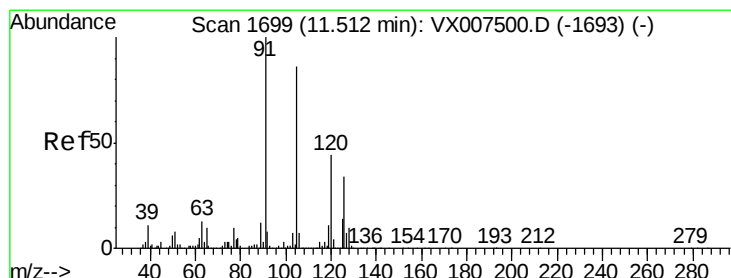
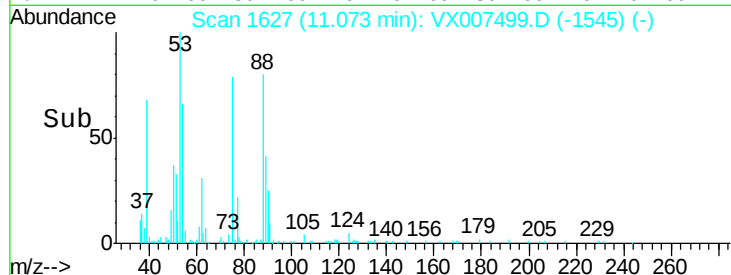
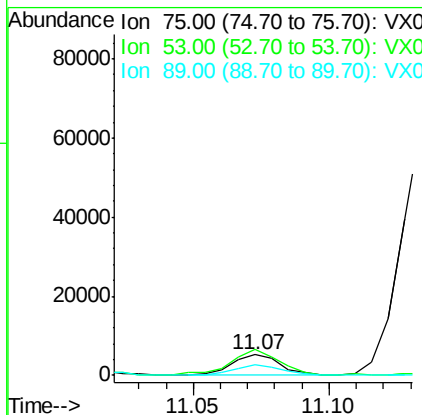
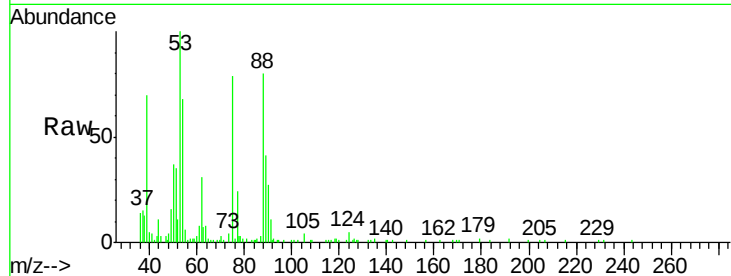
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	6777
Ion	Ratio	Lower	Upper
75	100		
53	124.6	55.5	166.7
89	52.9	24.4	73.2

Manual Integrations
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MMDadoda
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#78

4-Chlorotoluene

Concen: 4.868 ug/l

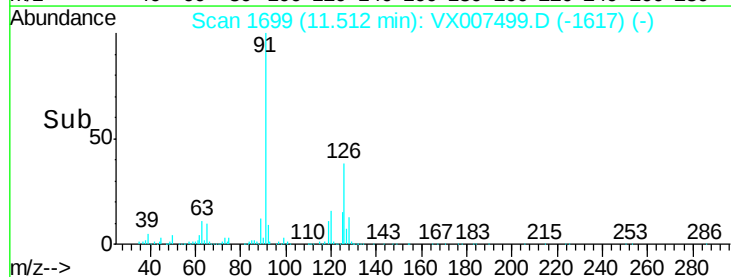
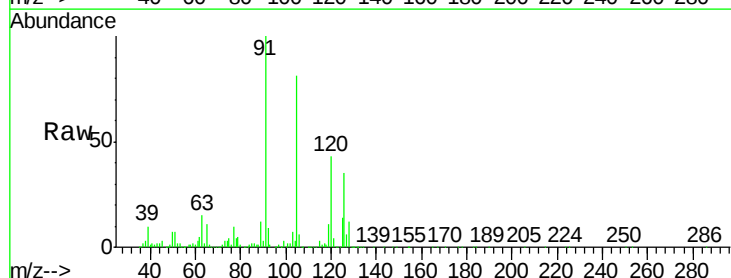
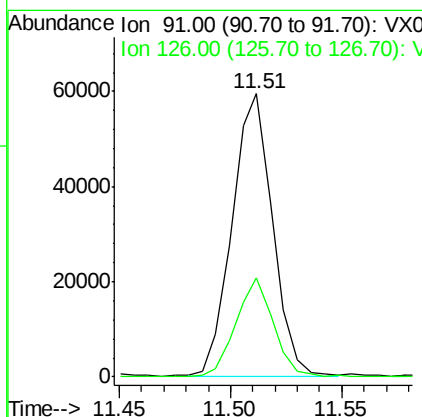
RT: 11.51 min Scan# 1699

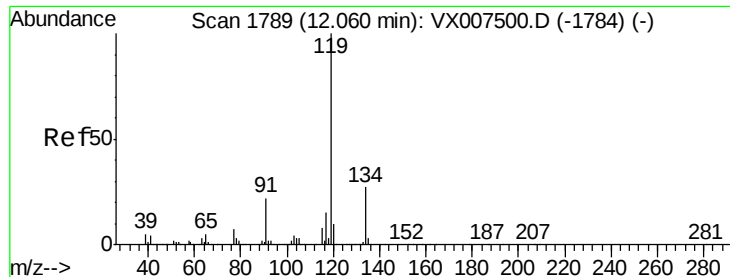
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	91	Resp:	75100
Ion	Ratio	Lower	Upper
91	100		
126	32.8	0.0	66.2





#79

tert-butylbenzene

Concen: 4.576 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

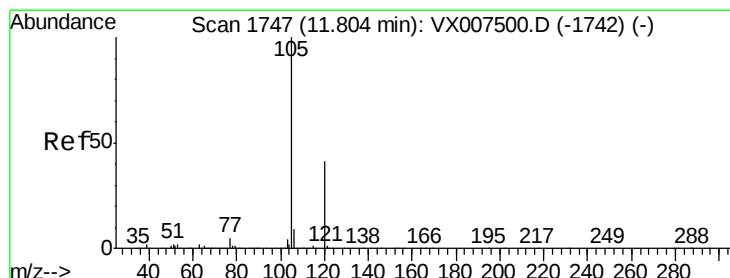
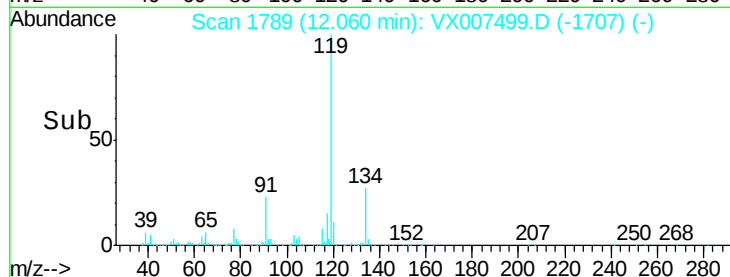
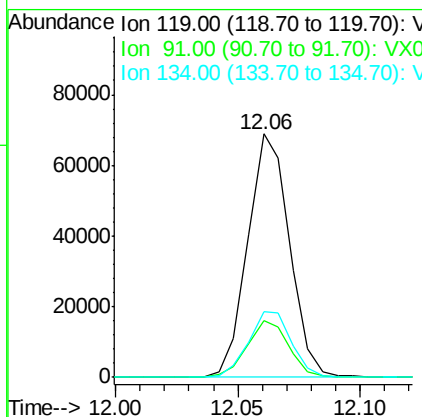
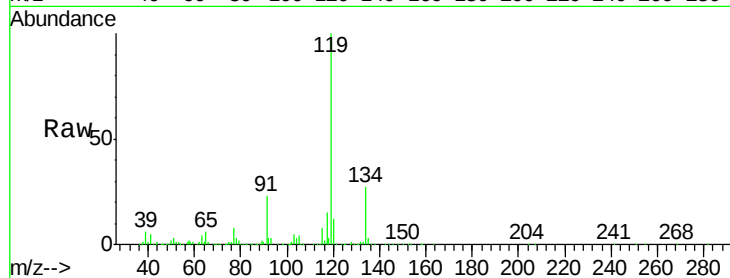
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	82150
Ion Ratio		Lower	Upper
119	100		
91	23.6	0.0	45.0
134	27.9	0.0	55.4

Manual Integrations
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#80

1,2,4-Trimethylbenzene

Concen: 4.853 ug/l

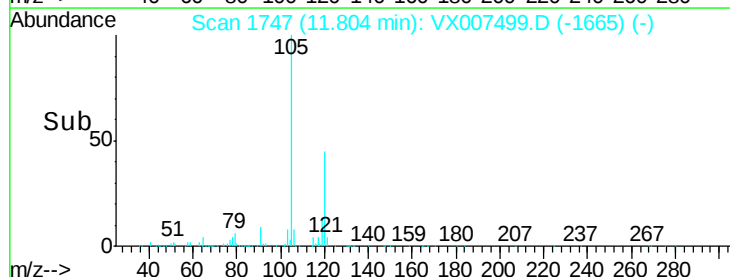
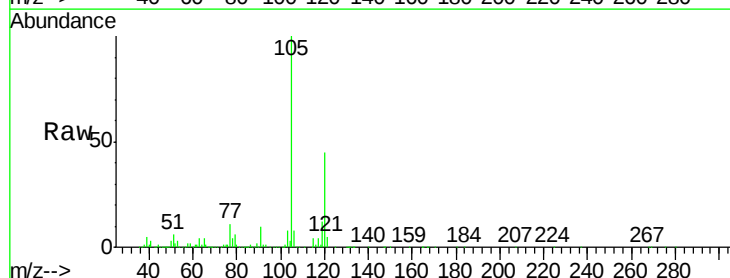
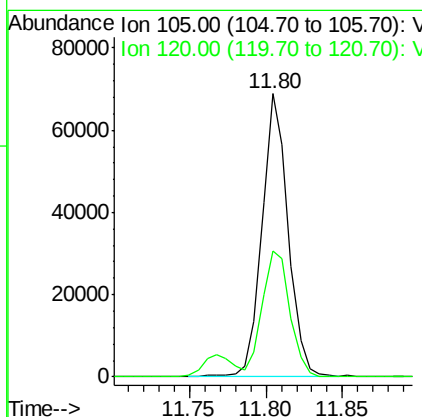
RT: 11.80 min Scan# 1747

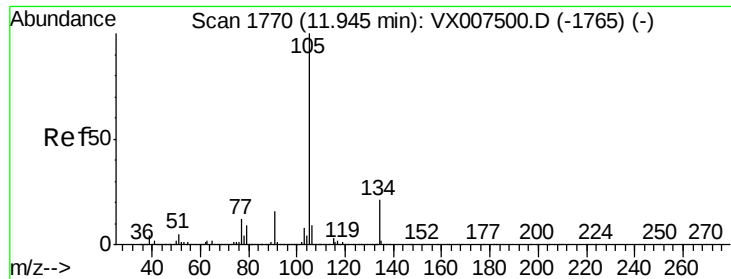
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	105	Resp:	81685
Ion Ratio		Lower	Upper
105	100		
120	47.5	0.0	94.0





#81

sec-Butylbenzene

Concen: 4.752 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 94985

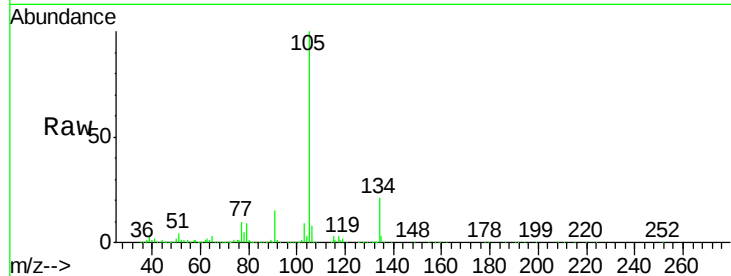
Ion Ratio Lower Upper

105 100

134 21.7 0.0 41.8

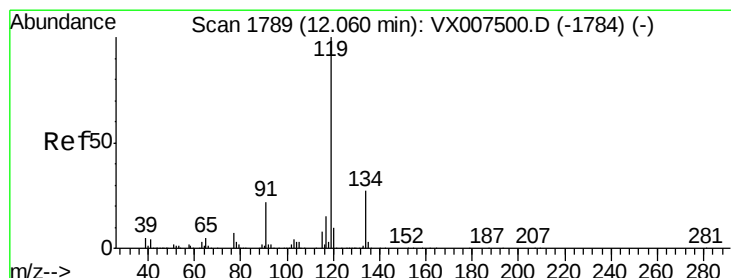
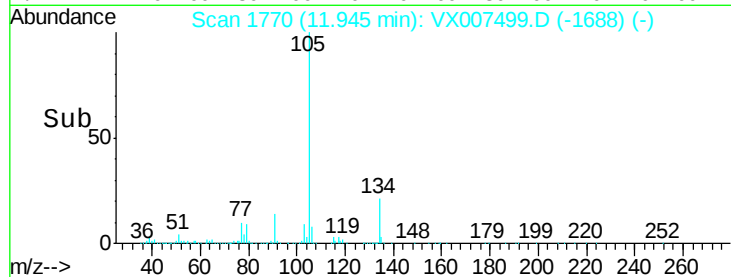
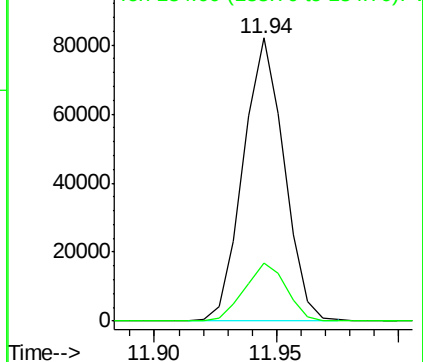
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 4.576 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

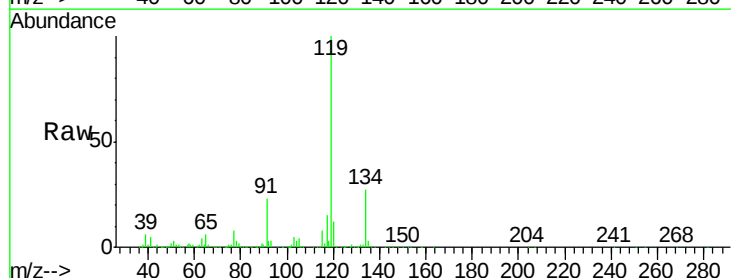
Tgt Ion:119 Resp: 82150

Ion Ratio Lower Upper

119 100

134 27.9 0.0 55.4

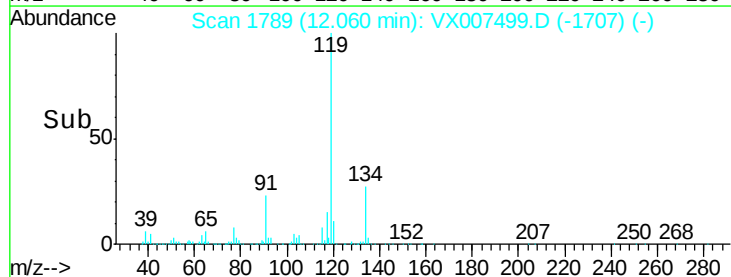
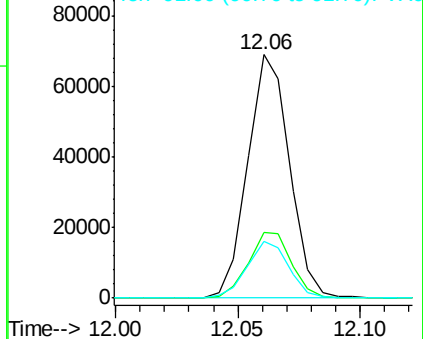
91 23.6 0.0 45.0

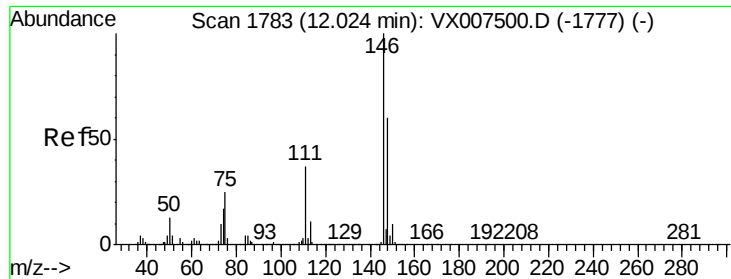


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





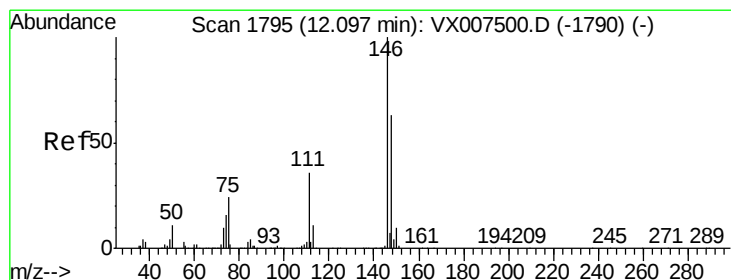
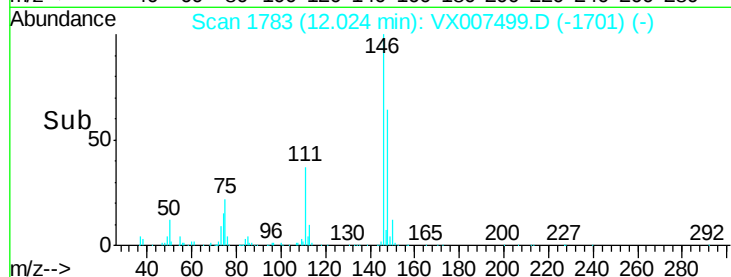
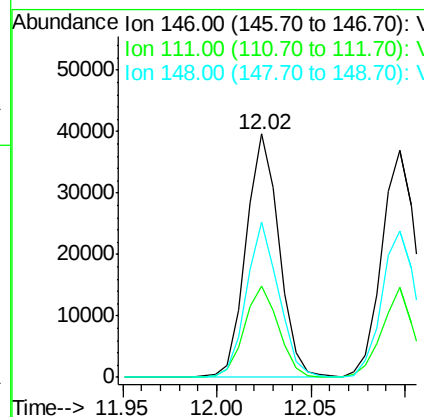
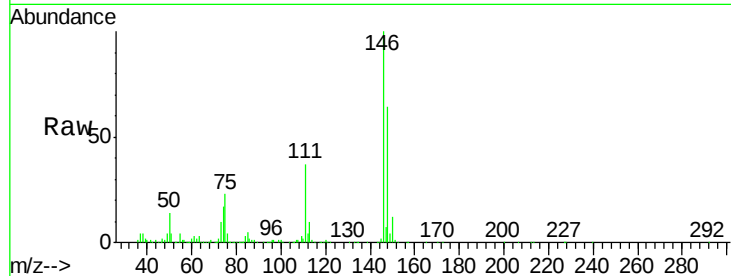
#83
 1,3-Dichlorobenzene
 Concen: 4.914 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.8	56.3
148	62.2	30.6	91.8

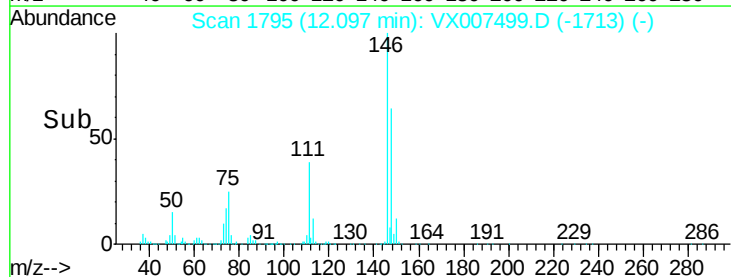
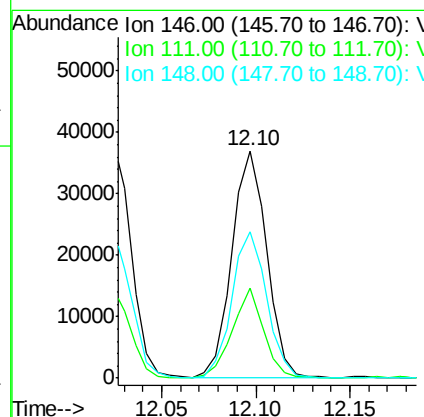
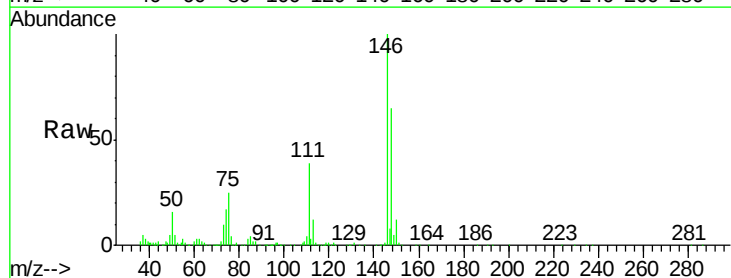
Manual Integrations
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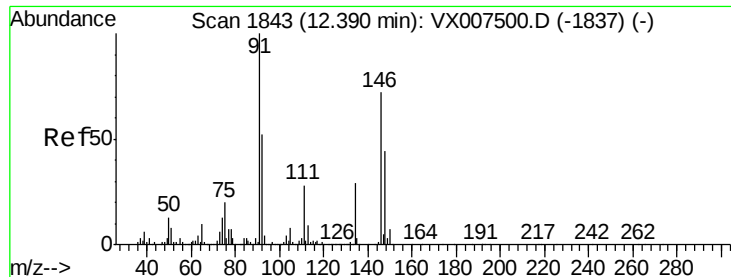
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#84
 1,4-Dichlorobenzene
 Concen: 4.869 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007499.D
 Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.6	52.8
148	64.4	31.4	94.2





#85

n-Butylbenzene

Concen: 4.113 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

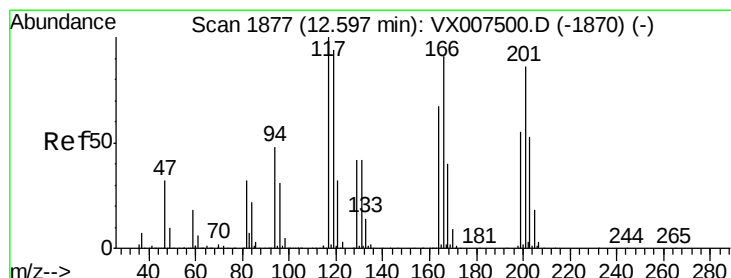
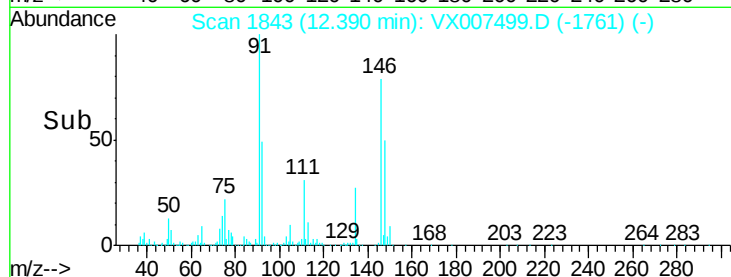
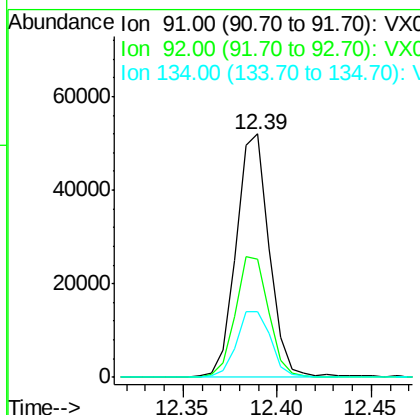
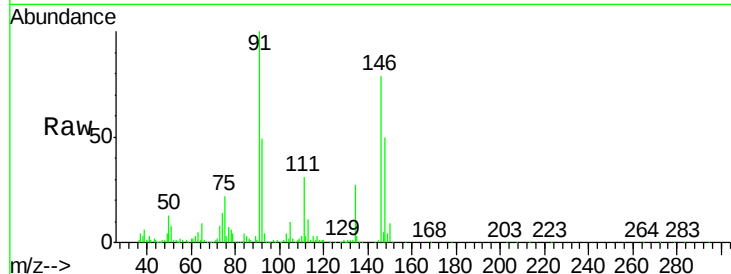
ClientSampleId :

VSTDIC005

Tot Ion:	91	Resp:	63051
Ion	Ratio	Lower	Upper
91	100		
92	50.5	0.0	105.2
134	28.4	0.0	56.4

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#86

Hexachloroethane

Concen: 4.179 ug/l

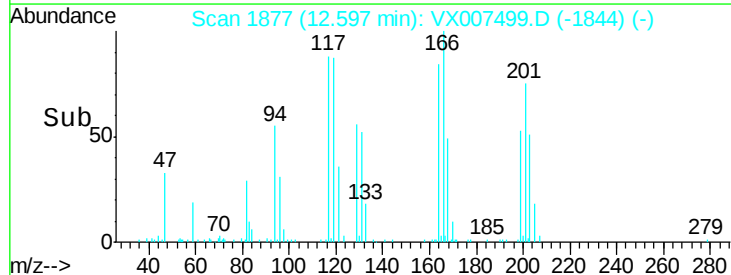
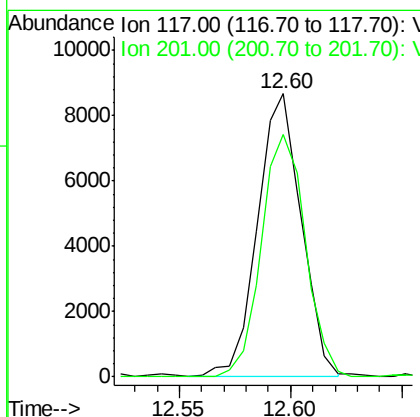
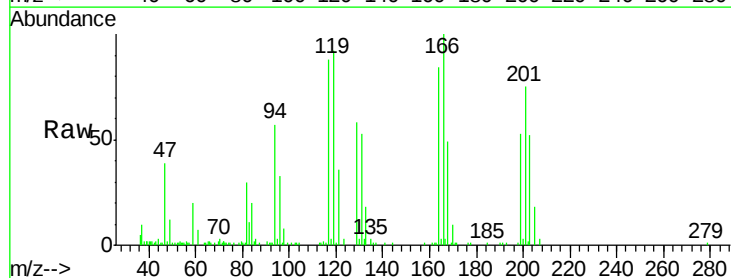
RT: 12.60 min Scan# 1877

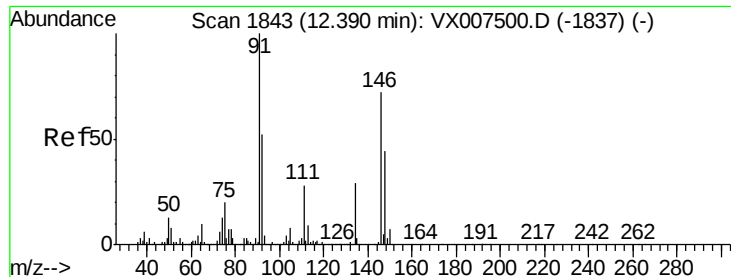
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	117	Resp:	11844
Ion	Ratio	Lower	Upper
117	100		
201	85.8	41.1	123.3





#87

1,2-Dichlorobenzene

Concen: 5.036 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Instrument :

MSVOA_X

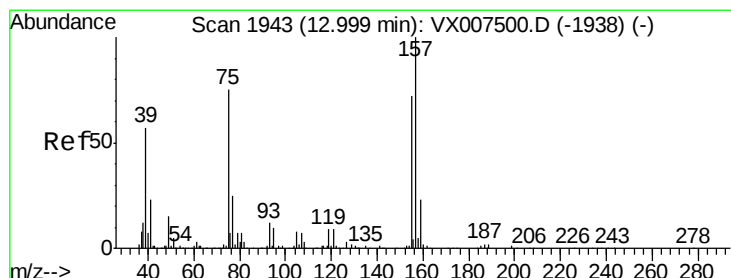
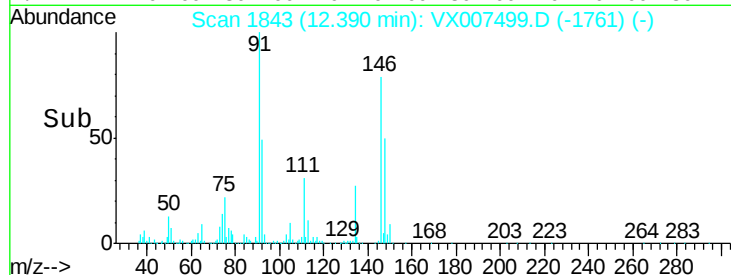
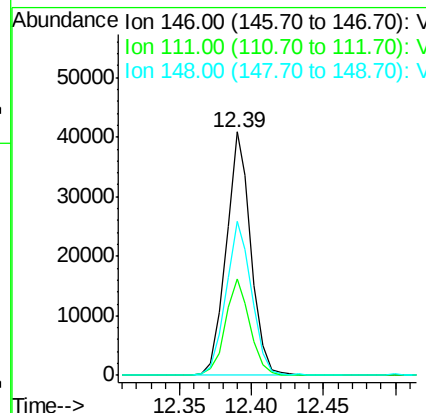
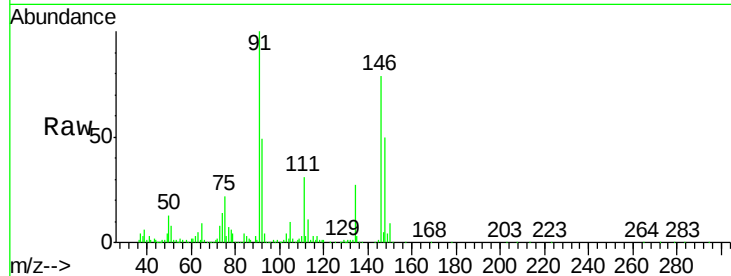
ClientSampled :

VSTDIC005

Tot Ion:	146	Resp:	49336
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.3	57.8
148	65.9	32.1	96.3

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 4.700 ug/l

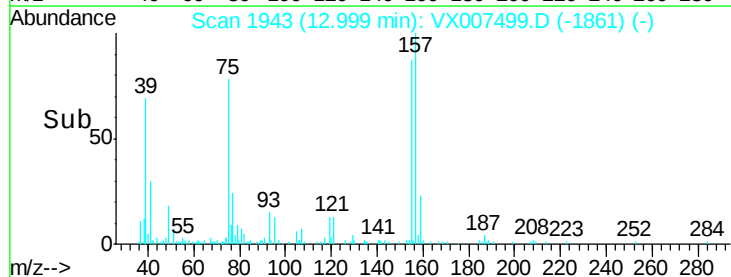
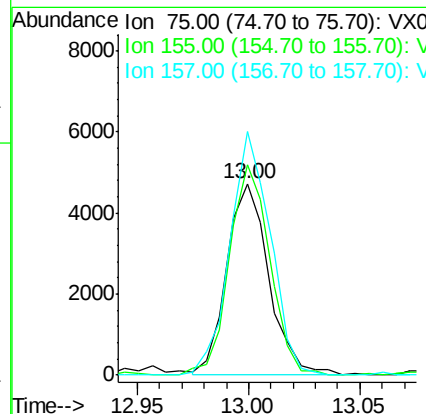
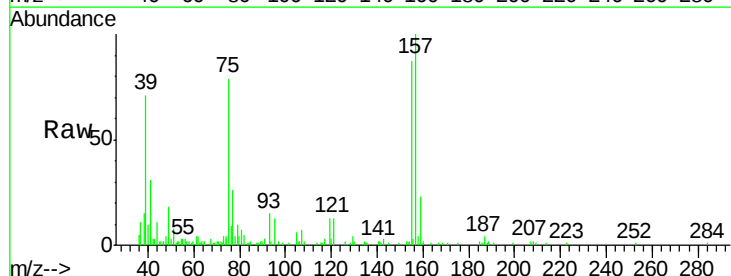
RT: 13.00 min Scan# 1943

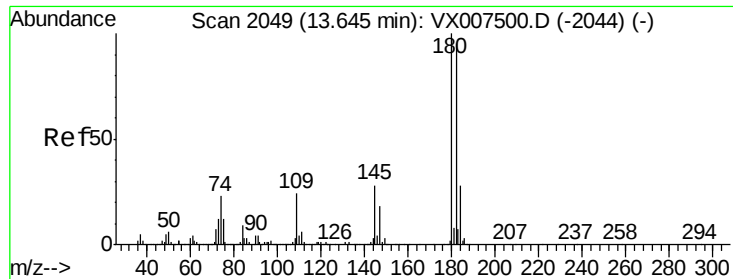
Delta R.T. -0.00 min

Lab File: VX007499.D

Acq: 12 Feb 2019 22:36

Tgt Ion:	75	Resp:	6220
Ion Ratio	Lower	Upper	
75	100		
155	105.4	81.0	121.6
157	122.6	103.2	154.8





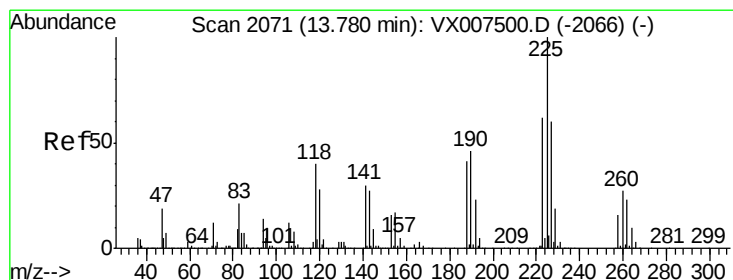
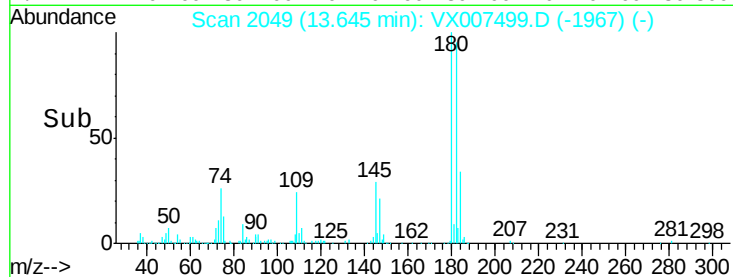
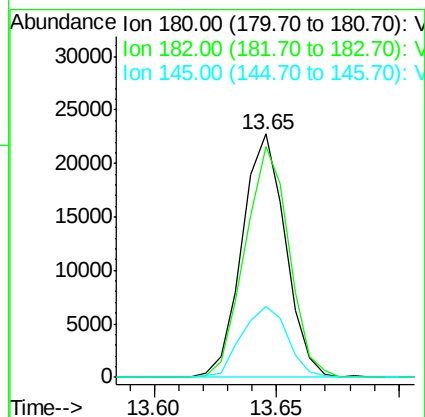
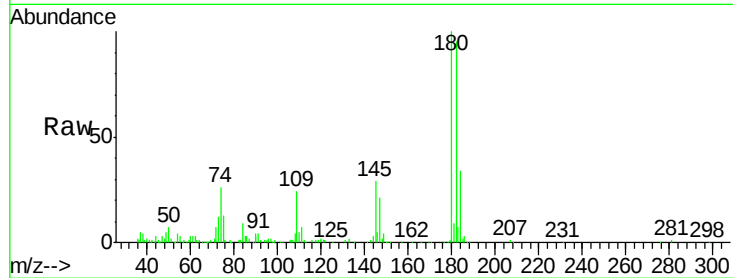
#89
1,2,4-Trichlorobenzene
Concen: 4.220 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.6	113.4
145	30.9	23.0	34.6

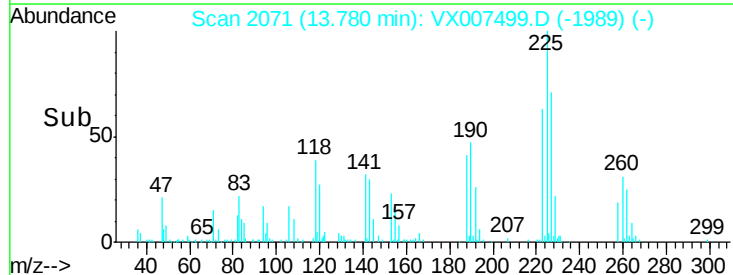
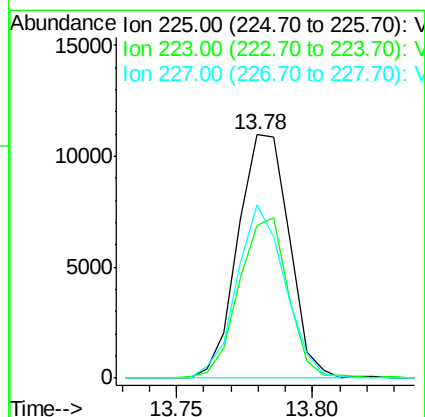
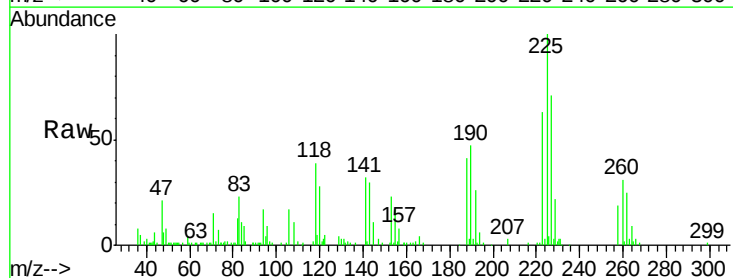
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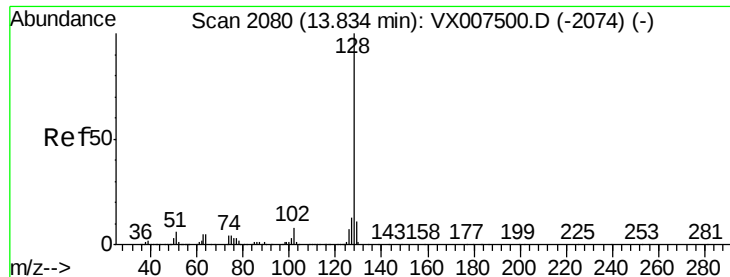
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#90
Hexachlorobutadiene
Concen: 4.516 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	0.0	123.8
227	66.9	0.0	124.4





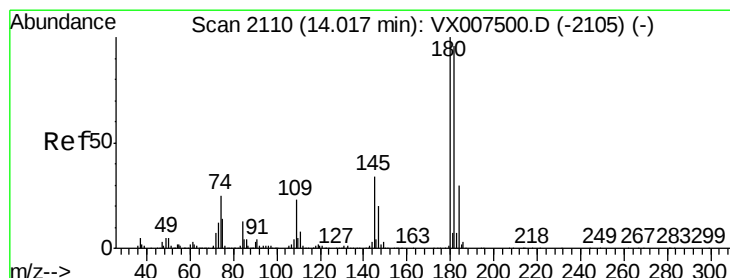
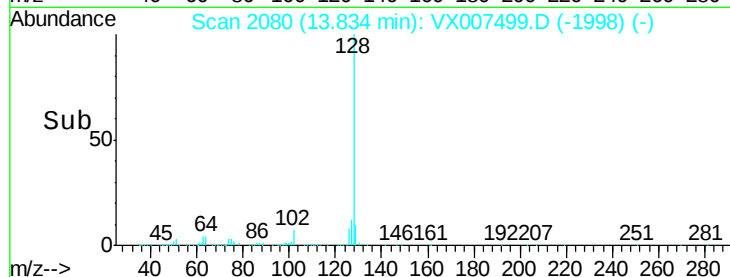
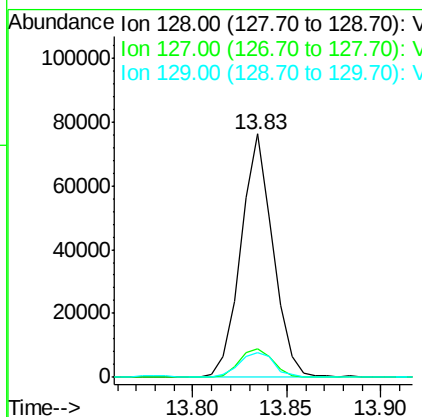
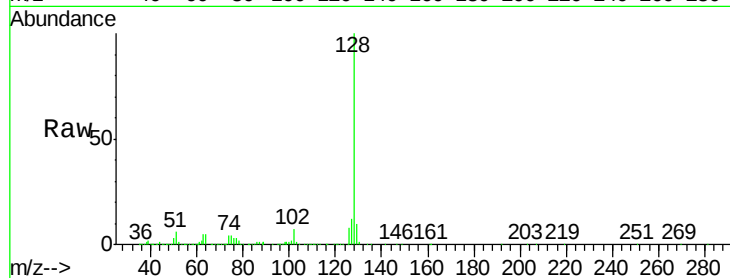
#91
Naphthalene
Concen: 4.415 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	128	Resp:	89877
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	11.1	8.9	13.3

Manual Integrations
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2/13/2019 11:52:34 AM



#92
1,2,3-Trichlorobenzene
Concen: 4.569 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX007499.D
Acq: 12 Feb 2019 22:36

Tgt Ion:	180	Resp:	30201
Ion Ratio	Lower	Upper	
180	100		
182	94.3	0.0	193.0
145	33.8	0.0	63.0

