

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021319\
 Data File : VX007503.D
 Acq On : 13 Feb 2019 00:22
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 11:52:54 AM

Quant Time: Feb 13 07:58:28 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	74203	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	411491	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	359024	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	146494	30.12	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.40%
60) 4-Bromofluorobenzene	11.14	95	171241	31.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.40%
63) Toluene-d8	8.71	98	486303	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	565307	162.617	ug/l 99
3) Chloromethane	1.32	50	623596	162.158	ug/l 97
4) Vinyl Chloride	1.41	62	696741	160.895	ug/l 98
5) Bromomethane	1.64	94	644262	150.066	ug/l 99
6) Chloroethane	1.71	64	565620	194.047	ug/l 95
7) Trichlorofluoromethane	1.92	101	1135538	157.159	ug/l 98
8) Diethyl Ether	2.19	74	446636	162.287	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	629795	148.824	ug/l 98
10) 1,1-Dichloroethene	2.37	96	638845	163.516	ug/l 93
11) Methyl Iodide	2.51	142	997067	162.200	ug/l 100
12) Methyl Acetate	2.78	43	821482	129.664	ug/l 97
13) Acrolein	2.30	56	792885	1389.339	ug/l 97
14) Acrylonitrile	3.16	53	1971666	796.653	ug/l 99
15) Acetone	2.45	58	527888	759.865	ug/l 90
16) Carbon Disulfide	2.56	76	1790303	185.307	ug/l 99
17) Allyl chloride	2.73	41	1112853	165.351	ug/l 98
18) Methylene Chloride	2.85	84	689937	154.770	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	681152	161.749	ug/l 99
20) Diisopropyl ether	3.87	45	2026768	160.981	ug/l 97
21) 1,1-Dichloroethane	3.70	63	1122667	156.989	ug/l 100
22) cis-1,2-Dichloroethene	4.60	96	742438	159.556	ug/l 99
23) tert-Butyl Alcohol	3.10	59	850401m	821.335	ug/l
24) Methyl tert-Butyl Ether	3.21	73	2210734	162.372	ug/l 99
25) Chloroform	5.22	83	1181418	159.101	ug/l 98
26) Cyclohexane	5.57	56	978062	161.215	ug/l # 100
29) 1,1-Dichloropropene	5.80	75	868125	159.308	ug/l 99
30) 2-Butanone	4.71	43	2496265	771.600	ug/l 99
31) 2,2-Dichloropropane	4.58	77	712130	134.239	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	1050943	162.347	ug/l 99
33) Carbon Tetrachloride	5.78	117	948452	166.485	ug/l 96
34) Benzene	6.14	78	2647225	156.933	ug/l # 97
35) Methacrylonitrile	5.06	41	530731	159.940	ug/l 98
36) 1,2-Dichloroethane	6.20	62	892320	153.720	ug/l 100
37) Trichloroethene	7.21	130	774882	156.459	ug/l 98
38) Methylcyclohexane	7.46	83	1020647	149.316	ug/l 99
39) 1,2-Dichloropropane	7.52	63	663807	156.826	ug/l 99
40) Dibromomethane	7.66	93	482241	157.202	ug/l 95

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

41) Bromodichloromethane	7.90	83	904359	168.420	ug/l	98
42) Vinyl Acetate	3.83	43	9129724	817.669	ug/l	99
43) Ethyl Acetate	4.86	43	964904	157.794	ug/l #	82
44) Isopropyl Acetate	6.46	43	1552291	163.280	ug/l	99
45) 1,4-Dioxane	7.76	88	363881	3183.696	ug/l	99
46) Methyl methacrylate	7.77	41	779021	161.202	ug/l	99
47) n-amyl Acetate	10.90	43	1462106	175.561	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	987332	170.692	ug/l	97
49) cis-1,3-Dichloropropene	8.44	75	1057843	164.358	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	688562	150.908	ug/l	96
51) Ethyl methacrylate	9.18	69	1044989	159.763	ug/l	99
52) 1,3-Dichloropropane	9.37	76	1113585	152.144	ug/l	100
53) Dibromochloromethane	9.59	129	792891	171.571	ug/l	100
54) 1,2-Dibromoethane	9.67	107	762832	155.627	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	2715522	772.538	ug/l	100
56) Bromoform	10.86	173	637525	181.398	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	4955502	811.107	ug/l	99
59) 2-Hexanone	9.50	43	3869524	826.219	ug/l	99
61) Tetrachloroethene	9.34	164	748858	150.310	ug/l	97
62) Toluene	8.79	91	2948524	160.137	ug/l	99
64) Chlorobenzene	10.14	112	1900041	156.604	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	718708	166.267	ug/l	99
66) Ethyl Benzene	10.25	91	3183928	160.606	ug/l	99
67) m/p-Xylenes	10.36	106	2538692	325.180	ug/l	99
68) o-Xylene	10.70	106	1222646	159.817	ug/l	100
69) Styrene	10.71	104	2038141	165.074	ug/l	99
70) Isopropylbenzene	11.02	105	3251764	160.859	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	1067396	163.092	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	961489m	157.564	ug/l	
73) Bromobenzene	11.26	156	882714	157.817	ug/l	99
74) n-propylbenzene	11.36	91	3668299	161.748	ug/l	100
75) 2-Chlorotoluene	11.42	91	2135172	158.525	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	2714099	161.553	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	332361	186.073	ug/l	82
78) 4-Chlorotoluene	11.51	91	2558828	164.130	ug/l	98
79) tert-butylbenzene	12.07	119	2906098	160.185	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	2730737	160.536	ug/l	100
81) sec-Butylbenzene	11.94	105	3246119	160.679	ug/l	99
82) p-Isopropyltoluene	12.07	119	2906098	160.185	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	1582584	159.656	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	1594083	160.951	ug/l	98
85) n-Butylbenzene	12.39	91	2578941	166.445	ug/l	100
86) Hexachloroethane	12.60	117	522025	182.272	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	1593512	160.939	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	243336	181.940	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	1131467	168.134	ug/l	100
90) Hexachlorobutadiene	13.78	225	504954	157.574	ug/l	97
91) Naphthalene	13.83	128	3526247	171.397	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	1120175	167.682	ug/l	99

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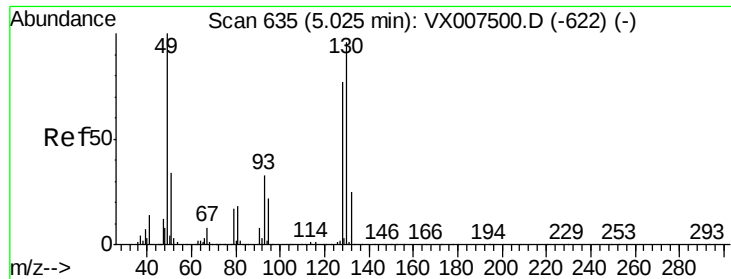
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

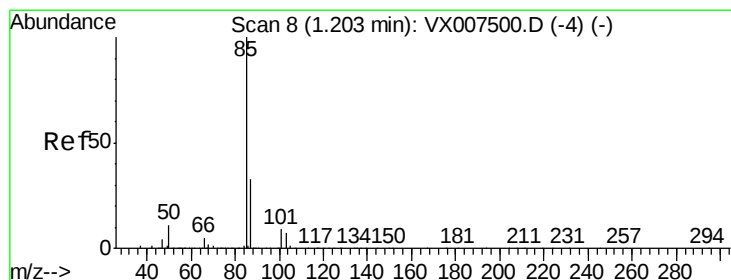
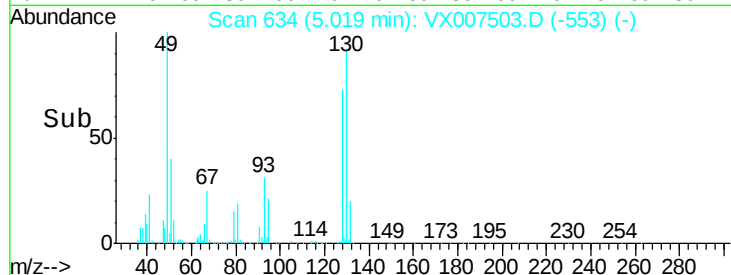
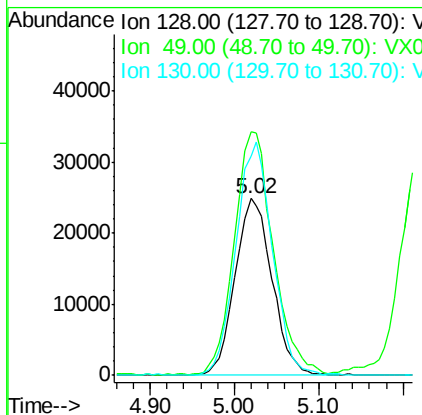
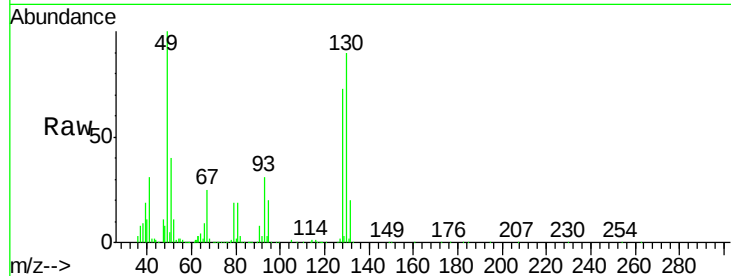
ClientSampleId :

VSTDIC150

Tot Ion:	128	Resp:	74203
Ion	Ratio	Lower	Upper
128	100		
49	144.6	0.0	350.8
130	130.0	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 162.617 ug/l

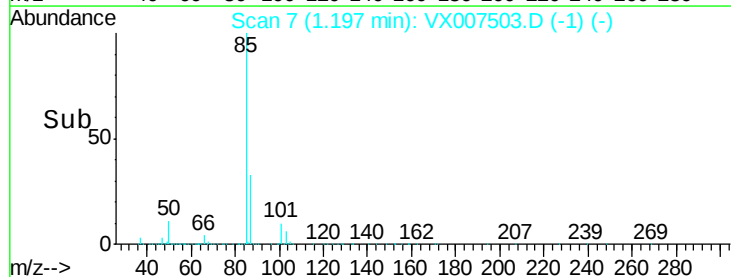
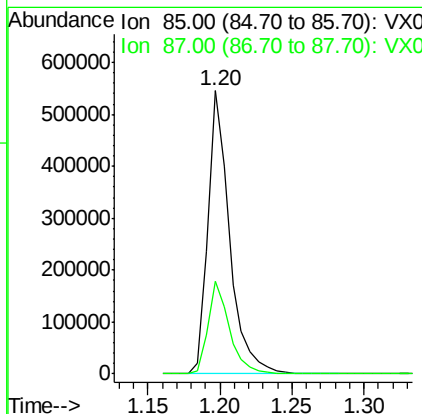
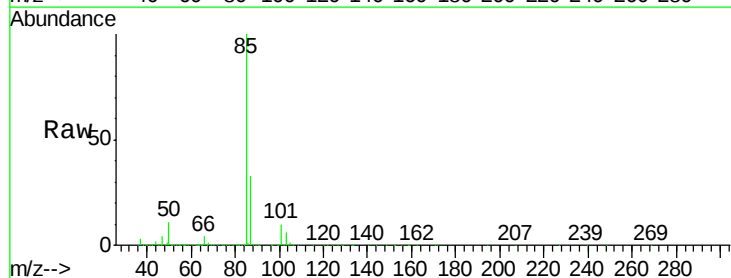
RT: 1.20 min Scan# 7

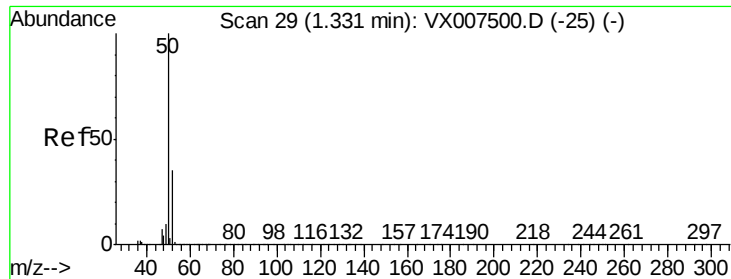
Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion:	85	Resp:	565307
Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.6	49.8





#3

Chloromethane

Concen: 162.158 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 623596

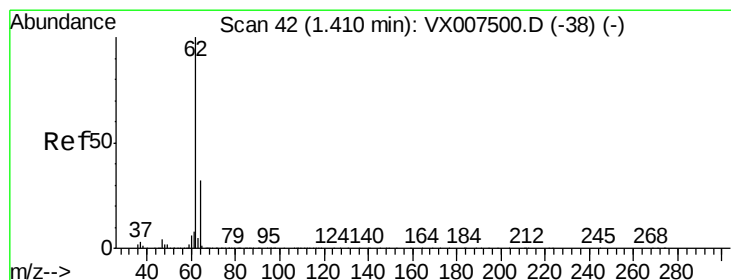
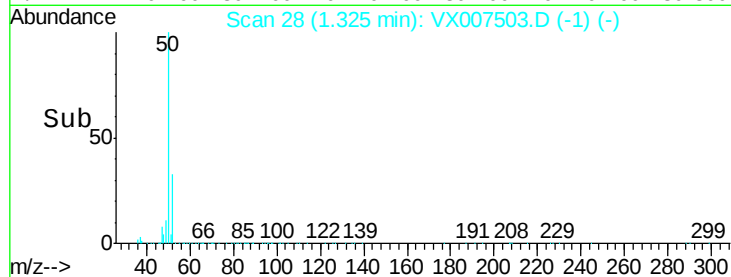
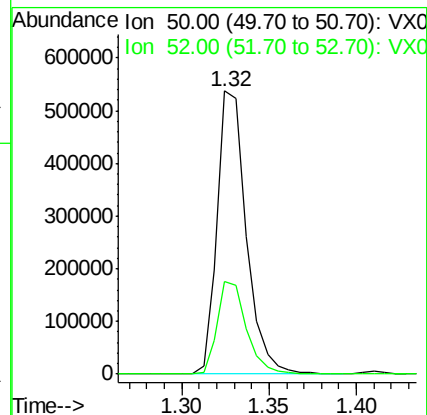
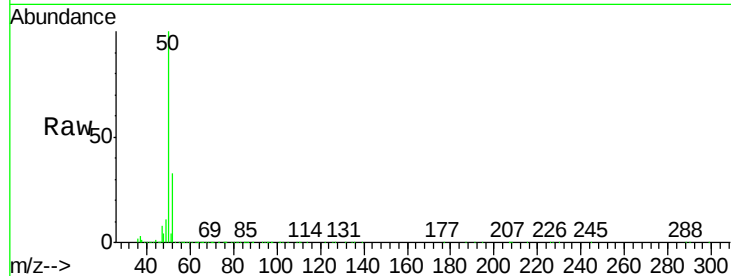
Ion Ratio Lower Upper

50 100

52 32.7 27.5 41.3

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#4

Vinyl Chloride

Concen: 160.895 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007503.D

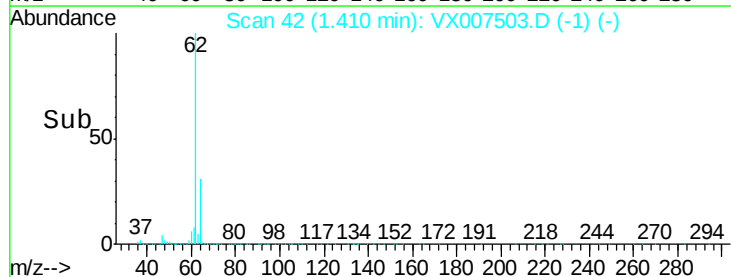
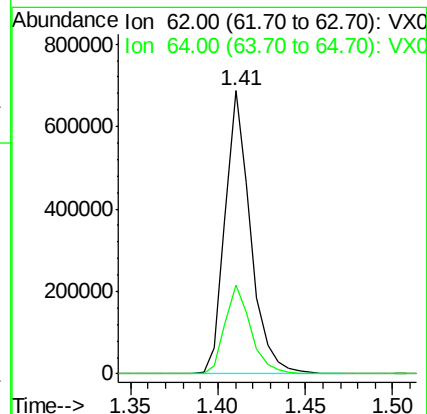
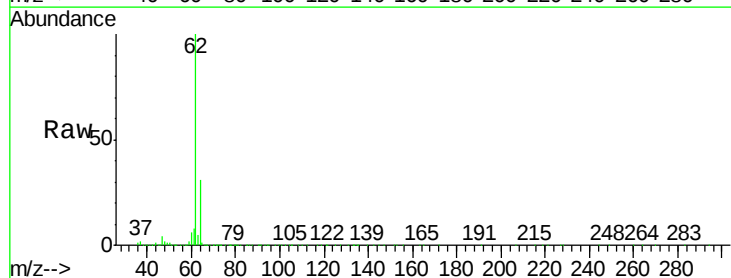
Acq: 13 Feb 2019 00:22

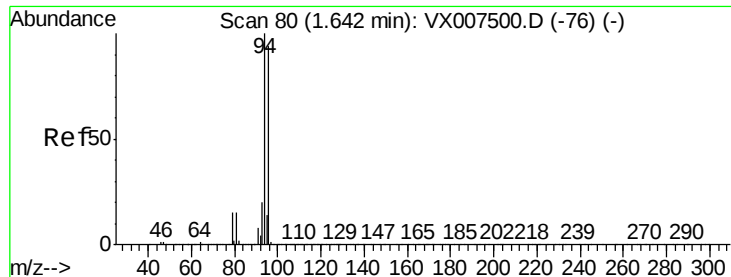
Tgt Ion: 62 Resp: 696741

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 150.066 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 644262

Ion Ratio Lower Upper

94 100

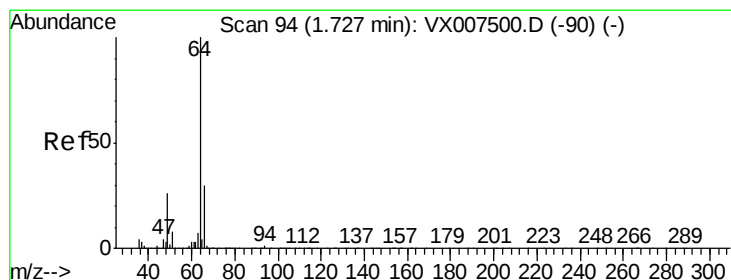
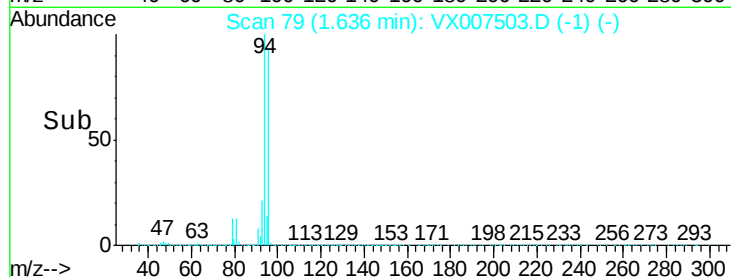
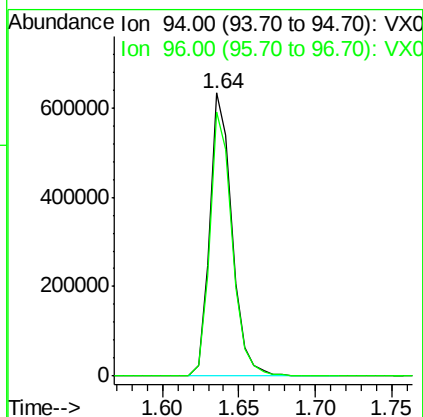
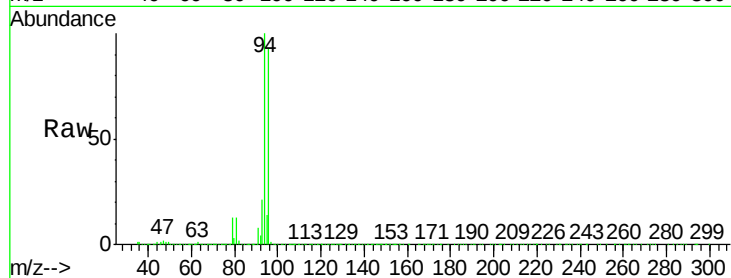
96 93.3 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 194.047 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.02 min

Lab File: VX007503.D

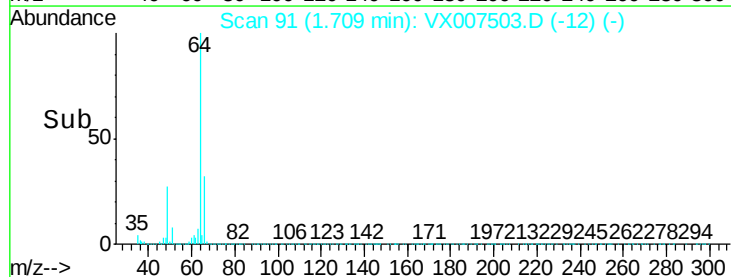
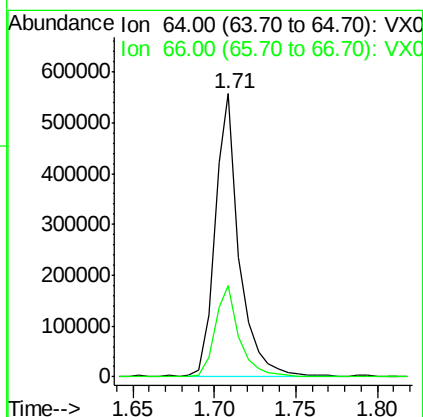
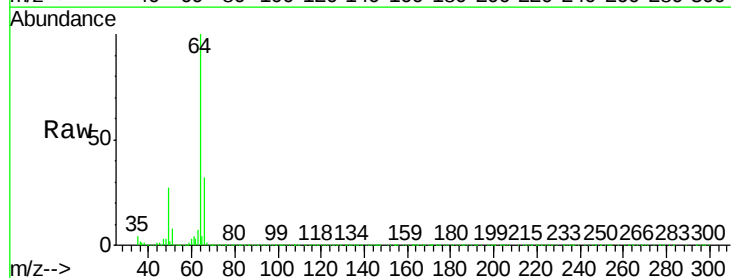
Acq: 13 Feb 2019 00:22

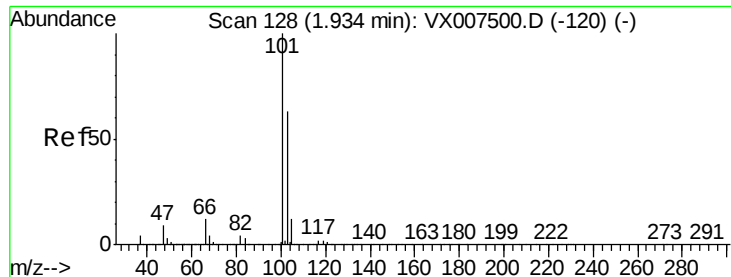
Tgt Ion: 64 Resp: 565620

Ion Ratio Lower Upper

64 100

66 32.5 23.9 35.9





#7

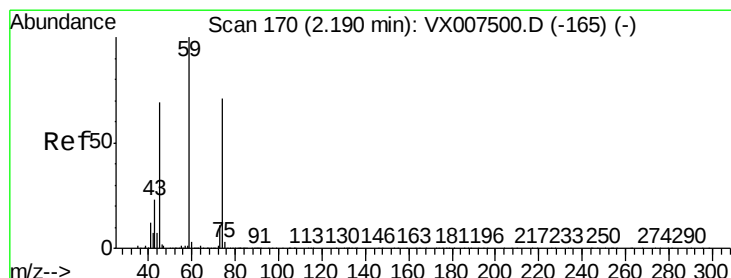
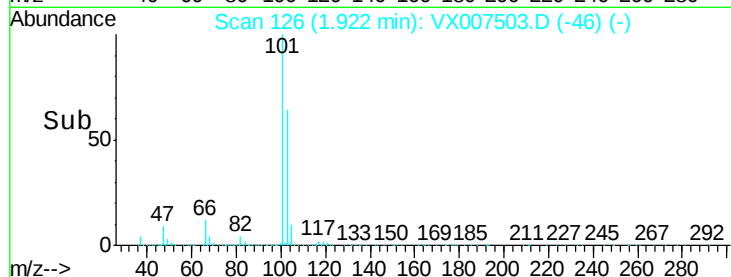
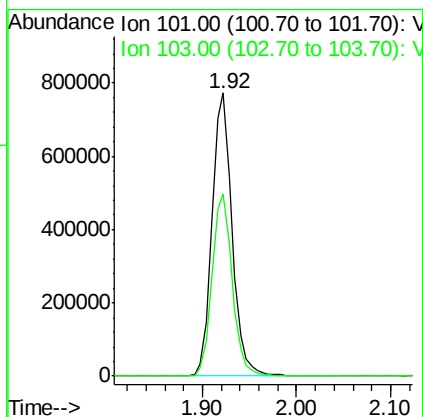
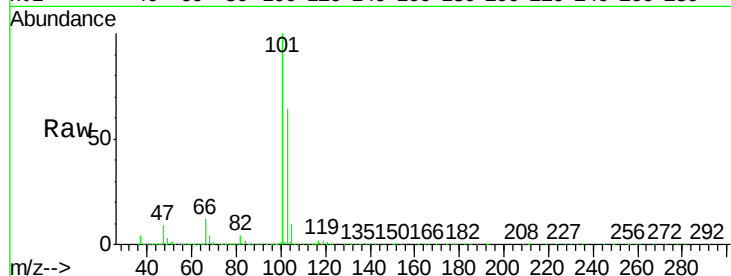
Trichlorofluoromethane
Concen: 157.159 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007503.D
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Tot Ion:101 Resp: 1135538
Ion Ratio Lower Upper
101 100
103 64.3 50.4 75.6

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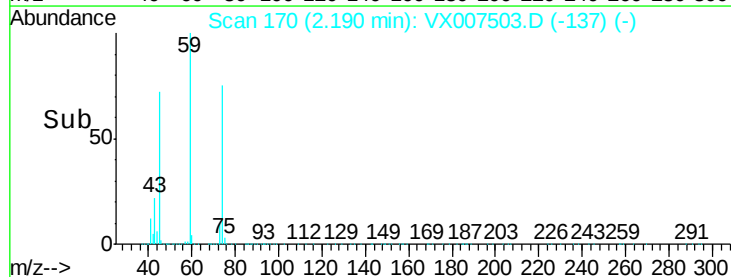
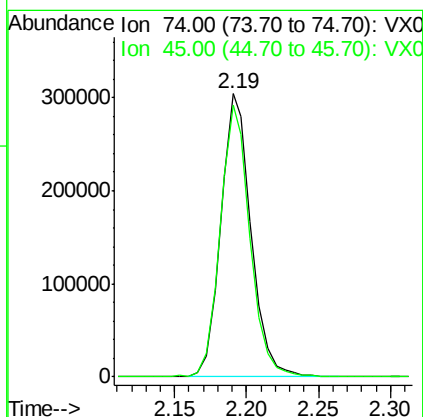
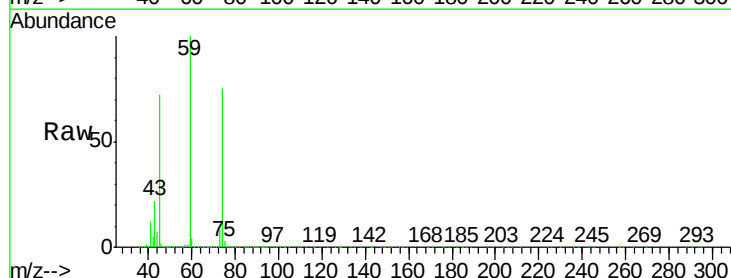
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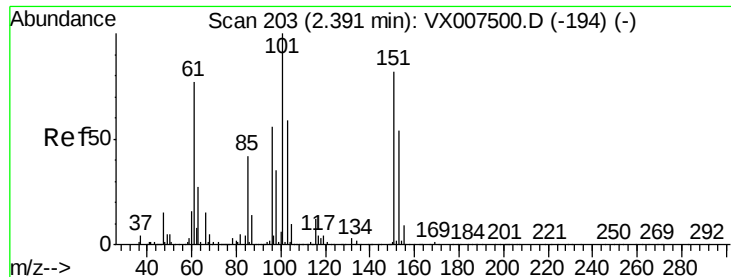


#8

Diethyl Ether
Concen: 162.287 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 74 Resp: 446636
Ion Ratio Lower Upper
74 100
45 94.5 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 148.824 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

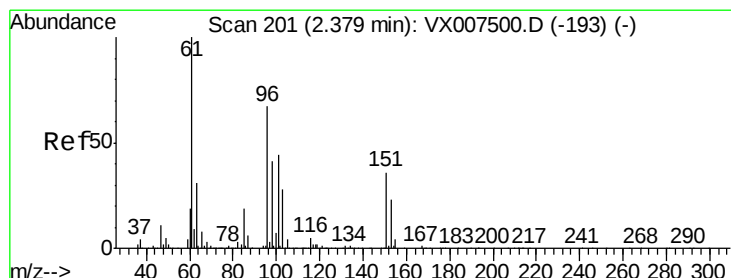
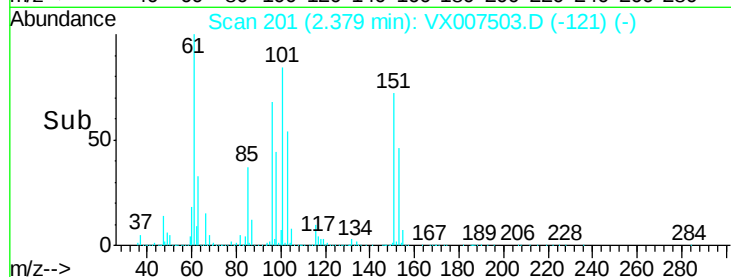
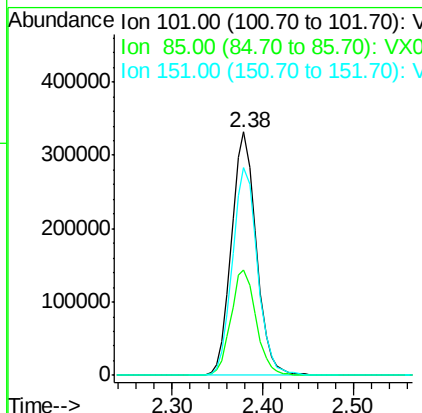
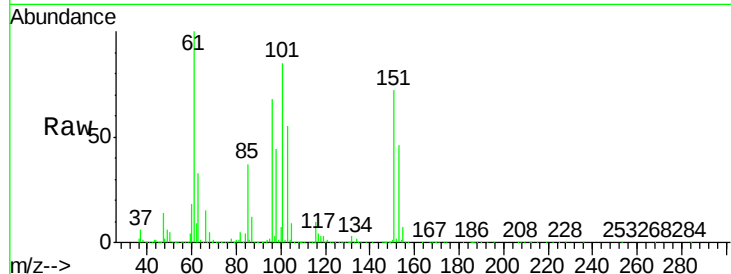
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	629795
Ion Ratio	Lower	Upper	
101	100		
85	44.1	0.0	86.8
151	86.5	0.0	169.2

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#10

1,1-Dichloroethene

Concen: 163.516 ug/l

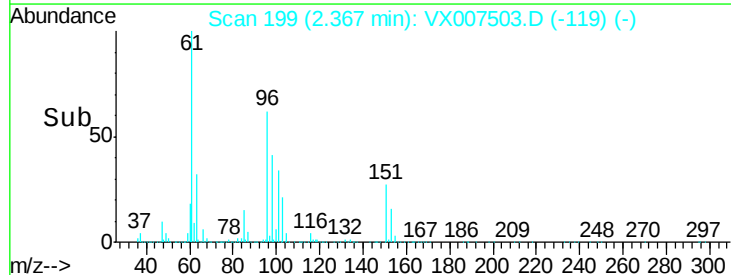
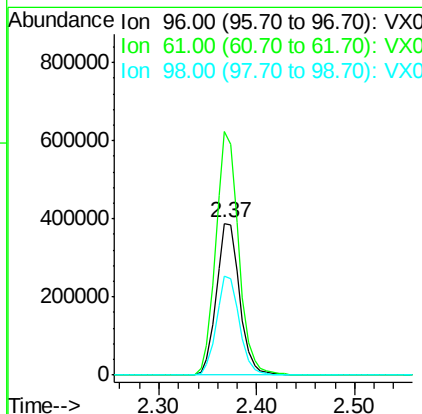
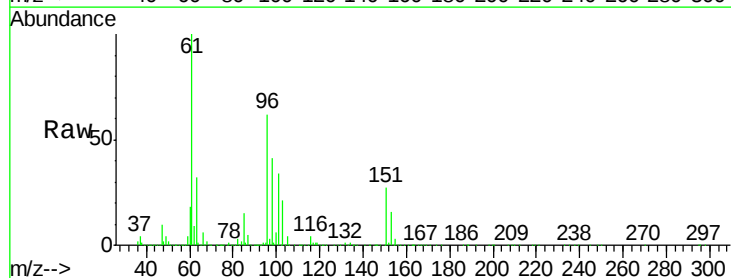
RT: 2.37 min Scan# 199

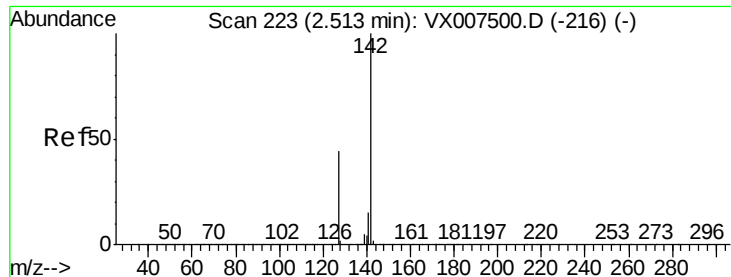
Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion:	96	Resp:	638845
Ion Ratio	Lower	Upper	
96	100		
61	160.6	120.2	180.2
98	65.3	49.0	73.4





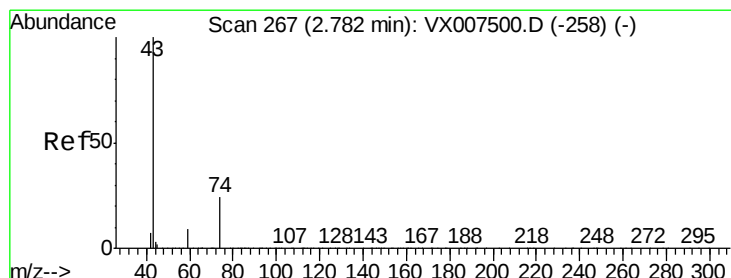
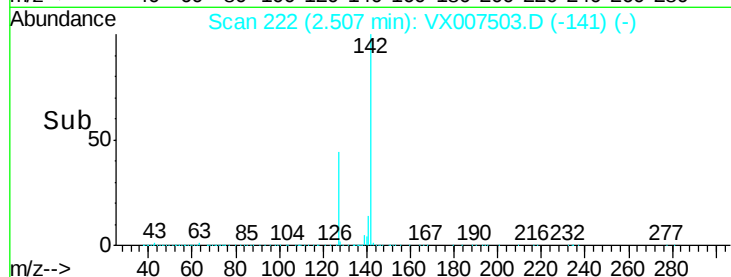
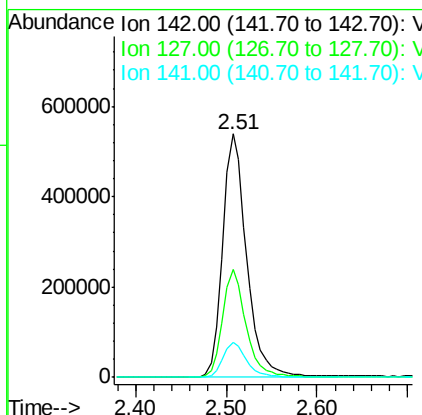
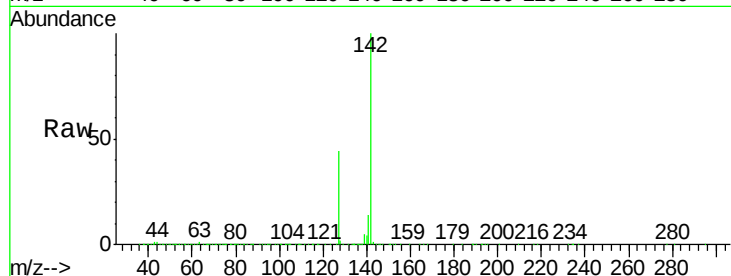
#11
Methvl Iodide
Concen: 162.200 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.3	22.1	66.5
141	14.3	7.4	22.3

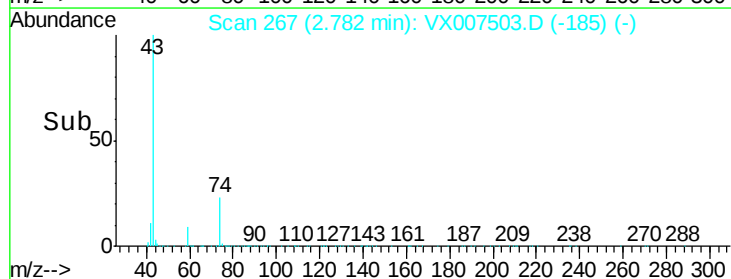
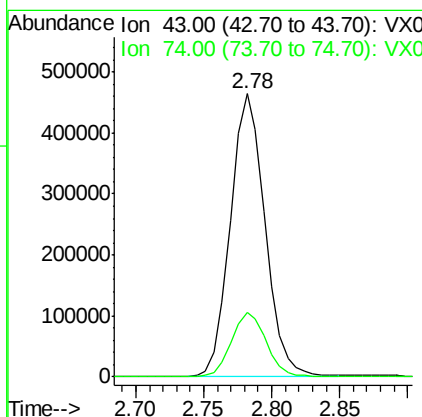
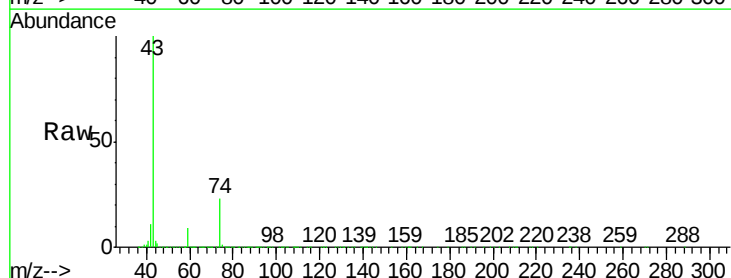
Manual Integrations
APPROVED

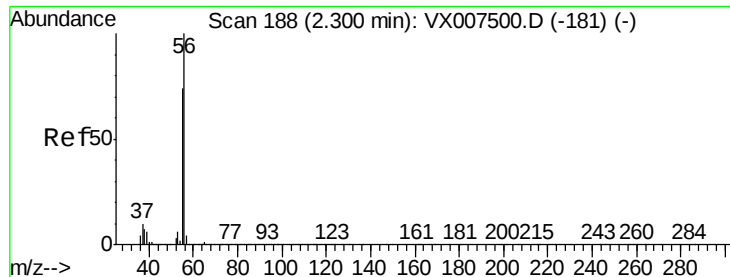
MMDadoda
2/13/2019 11:52:54 AM



#12
Methyl Acetate
Concen: 129.664 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	19.4	29.0





#13

Acrolein

Concen: 1389.339 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 792885

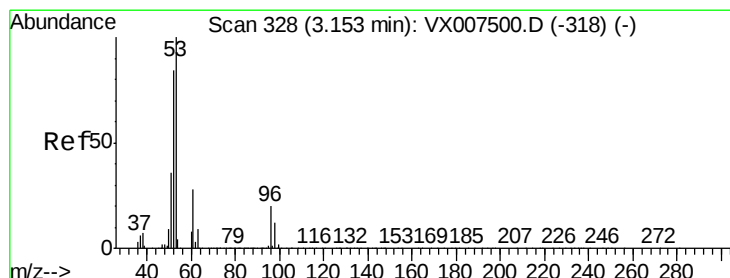
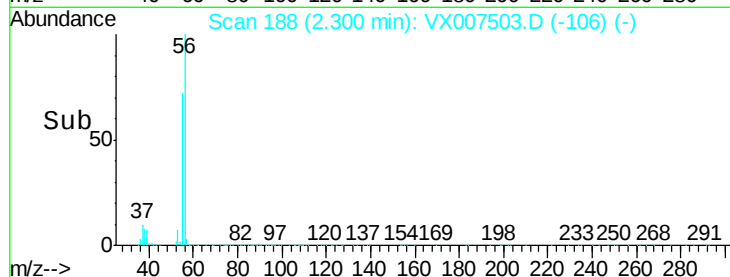
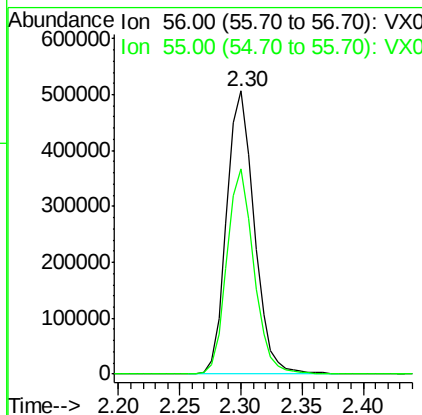
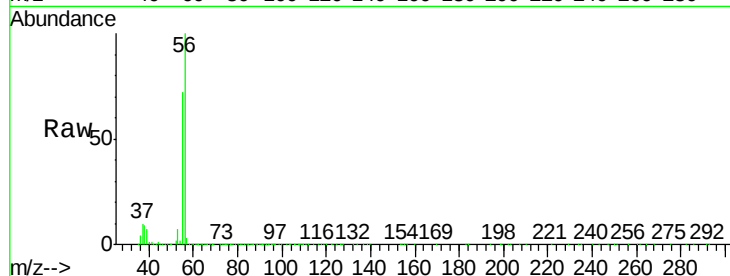
Ion Ratio Lower Upper

56 100

55 70.9 58.6 87.8

Manual Integrations
APPROVED

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#14

Acrylonitrile

Concen: 796.653 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

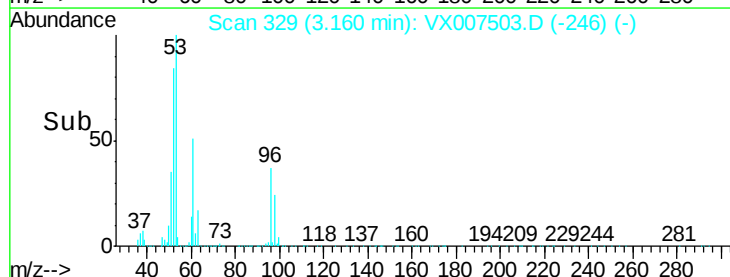
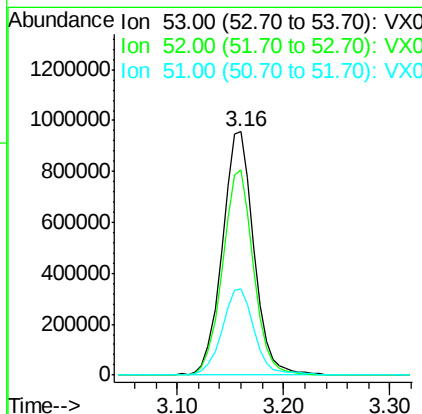
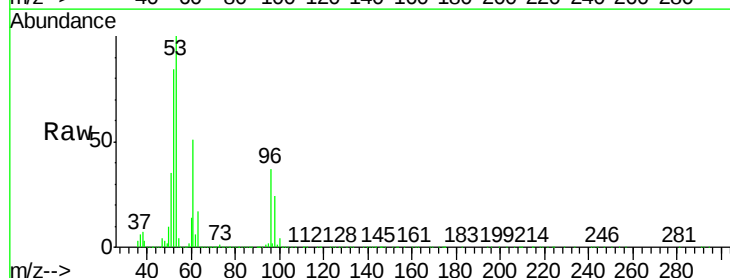
Tgt Ion: 53 Resp: 1971666

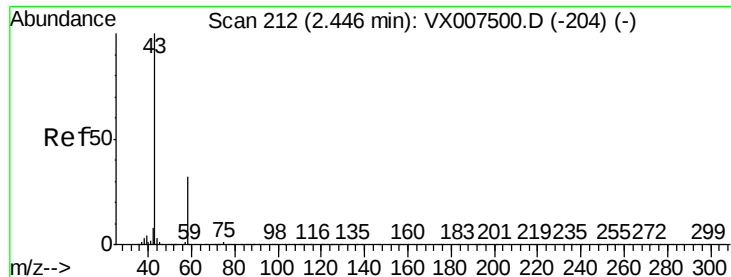
Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

51 36.5 17.5 52.6





#15

Acetone

Concen: 759.865 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 58 Resp: 527888

Ion Ratio Lower Upper

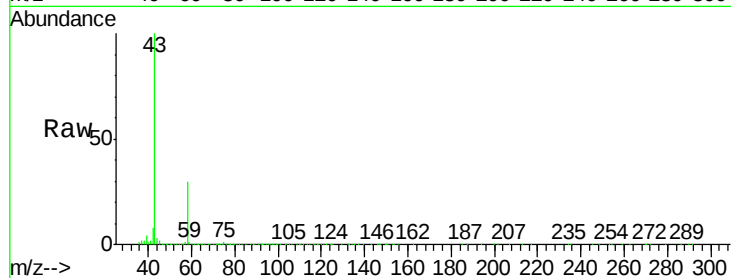
58 100

43 332.5 249.8 374.6

Manual Integrations
APPROVED

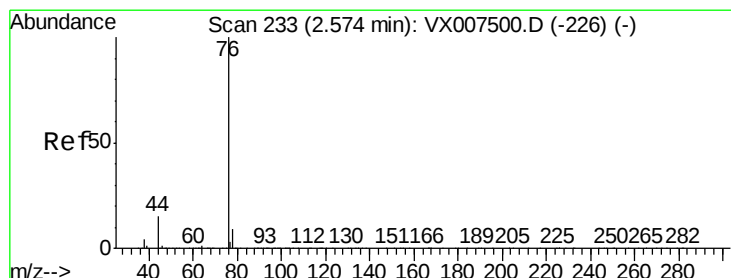
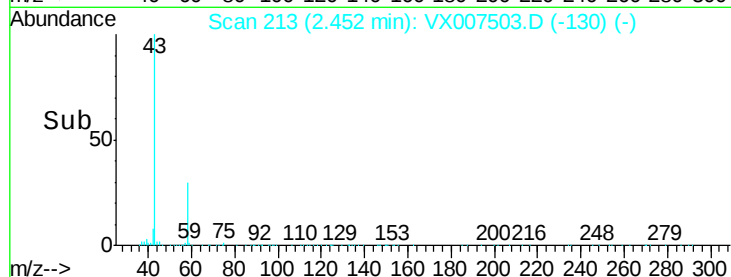
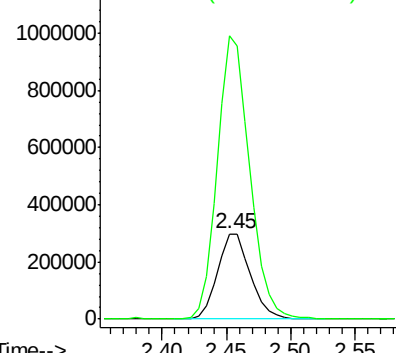
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 185.307 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX007503.D

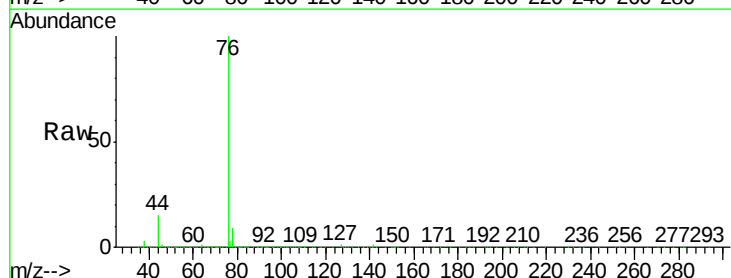
Acq: 13 Feb 2019 00:22

Tgt Ion: 76 Resp: 1790303

Ion Ratio Lower Upper

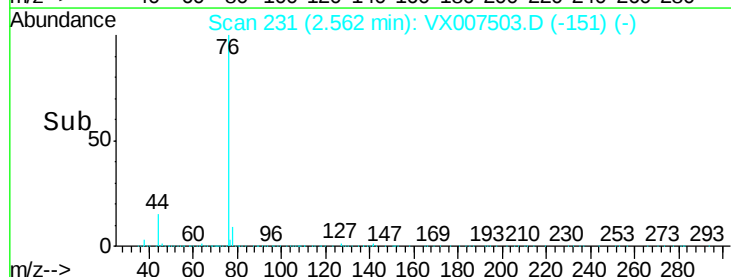
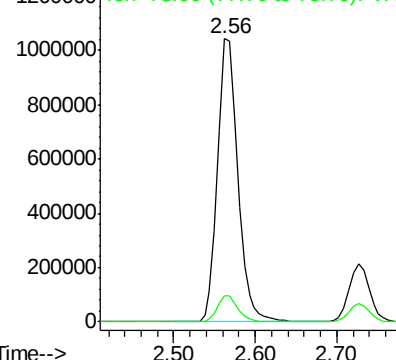
76 100

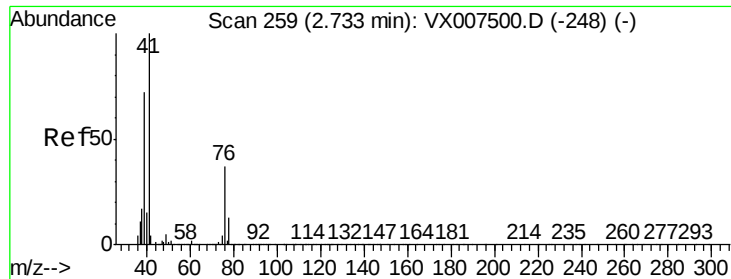
78 9.1 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





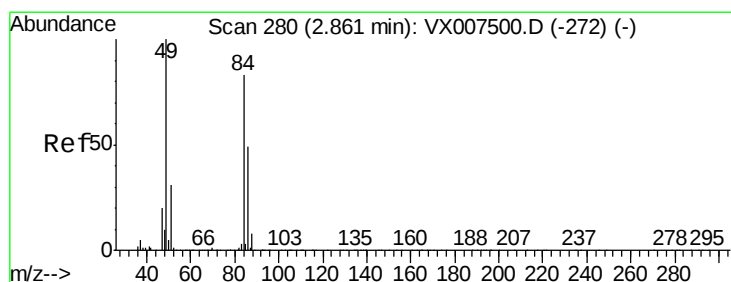
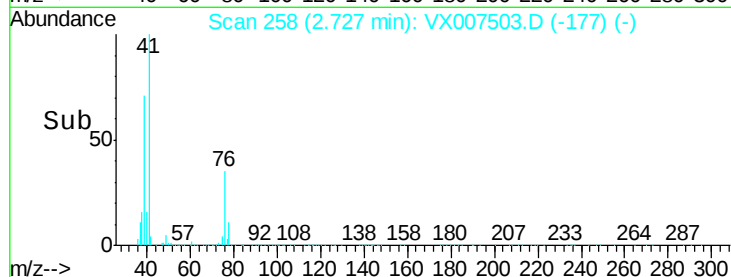
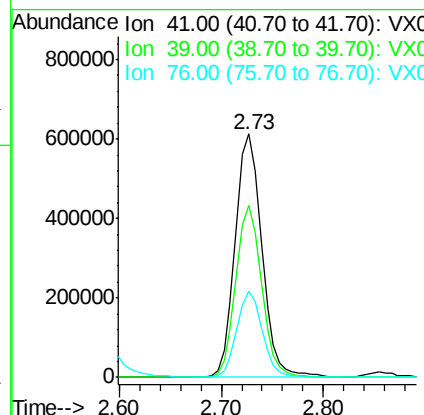
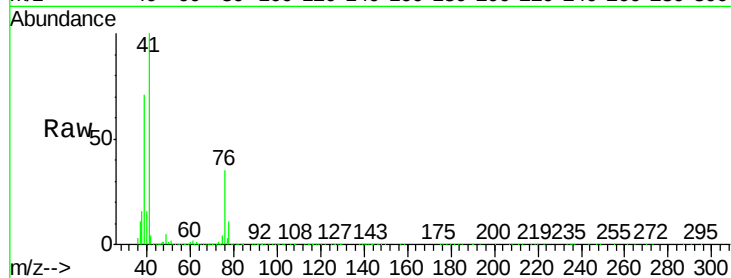
#17
Allvl chloride
Concen: 165.351 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 41 Resp: 1112853
Ion Ratio Lower Upper
41 100
39 70.7 35.8 107.4
76 35.1 18.3 54.9

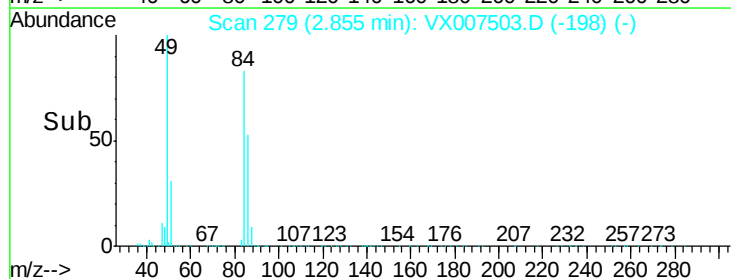
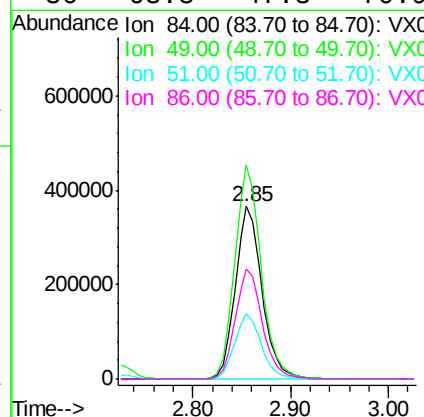
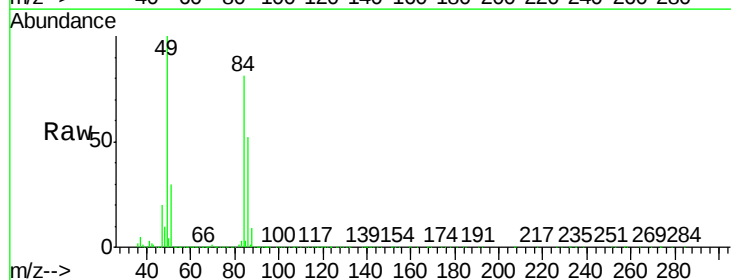
Manual Integrations
APPROVED

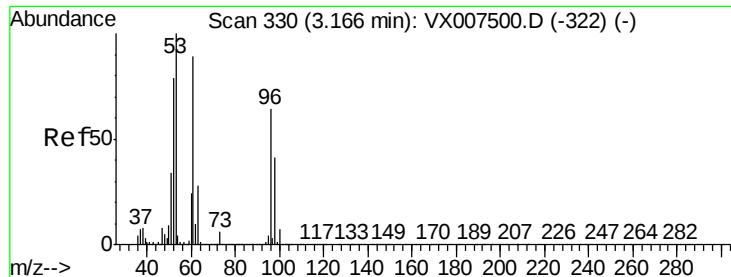
MMDadoda
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#18
Methylene Chloride
Concen: 154.770 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 84 Resp: 689937
Ion Ratio Lower Upper
84 100
49 123.6 96.1 144.1
51 37.4 29.1 43.7
86 63.8 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 161.749 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

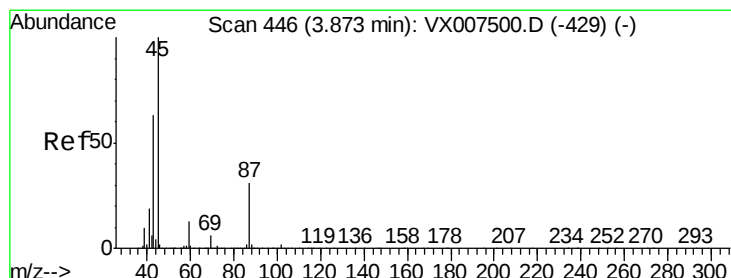
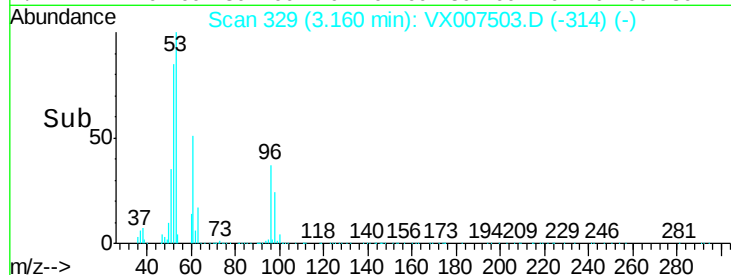
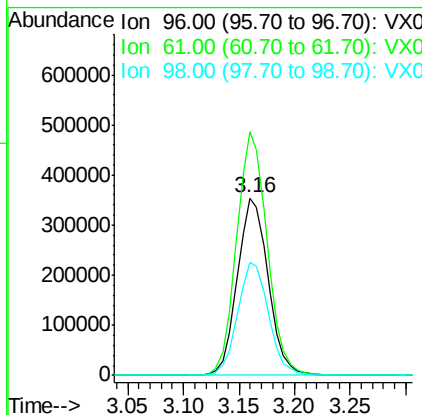
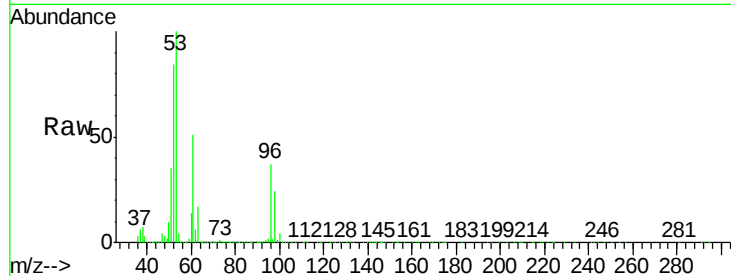
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	681152
Ion	Ratio	Lower	Upper
96	100		
61	137.0	109.9	164.9
98	63.9	50.4	75.6

Manual Integrations
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#20

Diisopropyl ether

Concen: 160.981 ug/l

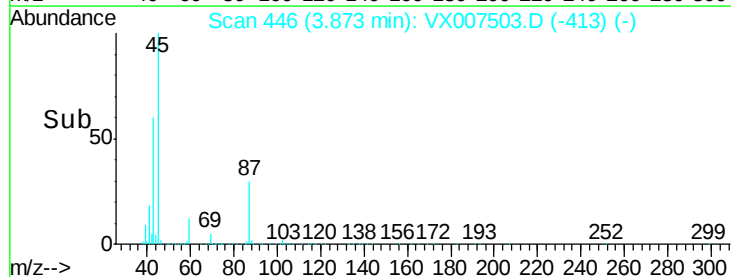
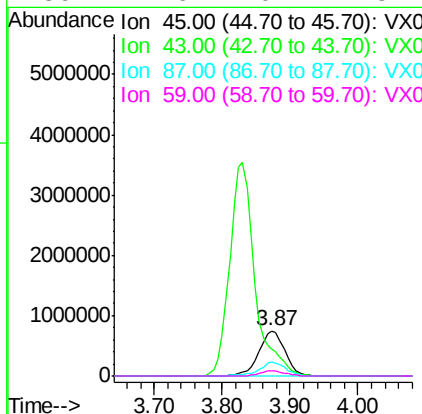
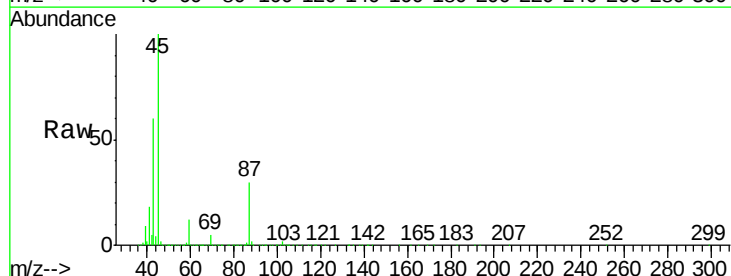
RT: 3.87 min Scan# 446

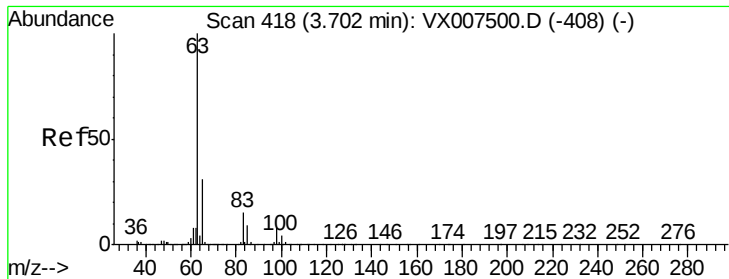
Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion:	45	Resp:	2026768
Ion	Ratio	Lower	Upper
45	100		
43	60.5	50.6	76.0
87	29.9	24.5	36.7
59	11.6	10.2	15.2





#21

1,1-Dichloroethane

Concen: 156.989 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

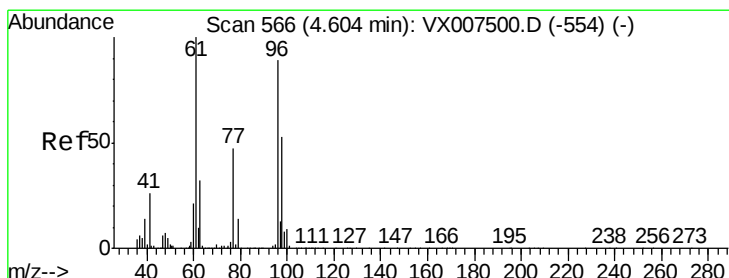
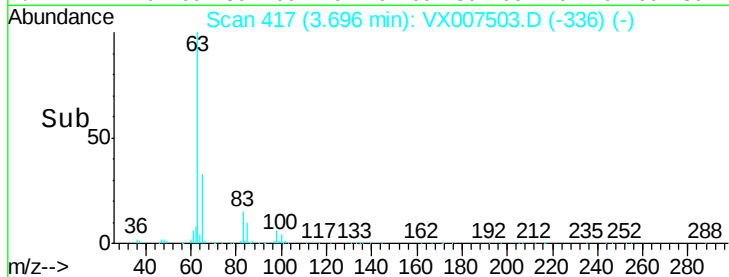
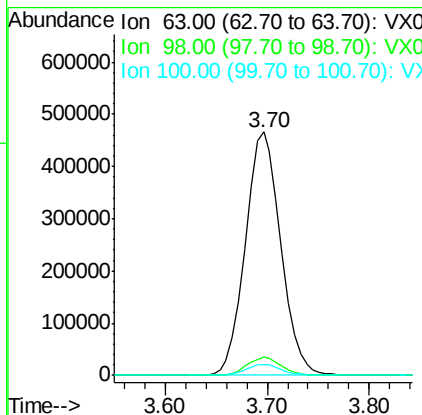
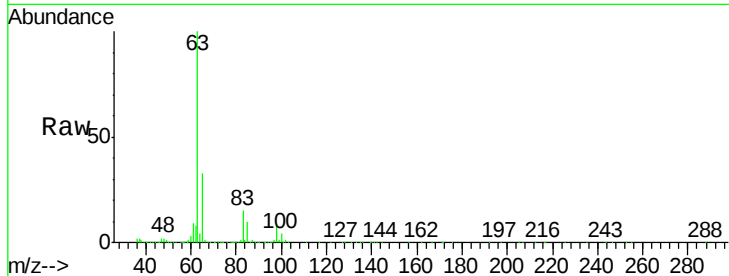
ClientSampleId :

VSTDICC150

Tot Ion:	63	Resp:	1122667
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.4
100	4.5	2.4	7.1

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 159.556 ug/l

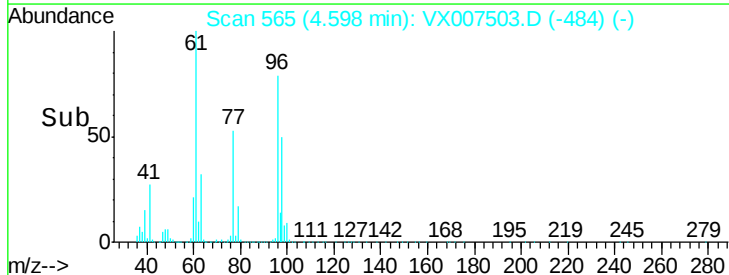
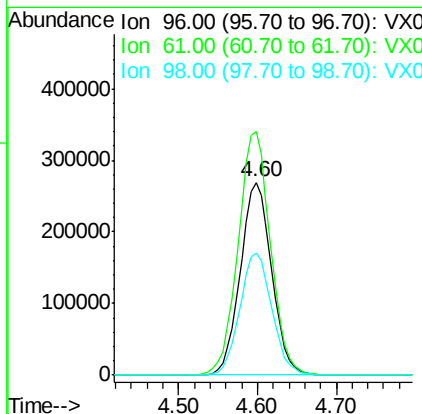
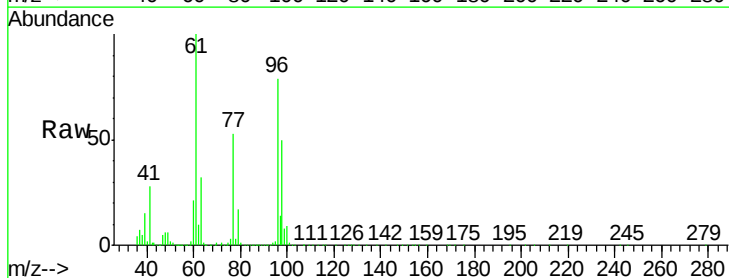
RT: 4.60 min Scan# 565

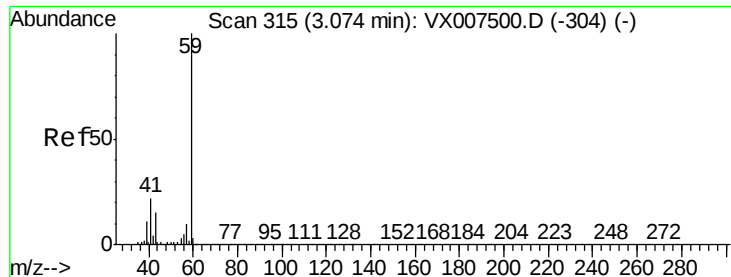
Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion:	96	Resp:	742438
Ion	Ratio	Lower	Upper
96	100		
61	130.2	103.5	155.3
98	64.5	52.1	78.1





#23

tert-Butyl Alcohol

Concen: 821.335 ug/l m

RT: 3.10 min Scan# 319

Delta R.T. 0.02 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 59 Resp: 850401

Ion Ratio Lower Upper

59 100

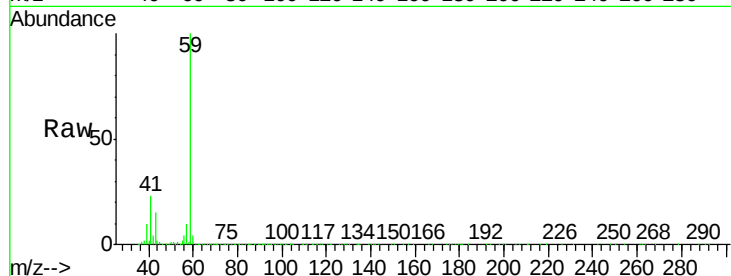
52 0.0 0.2 0.2#

Manual Integrations

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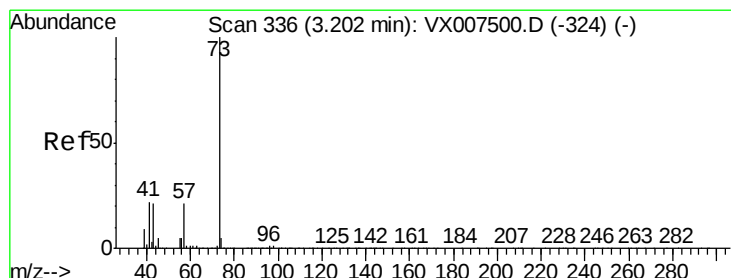
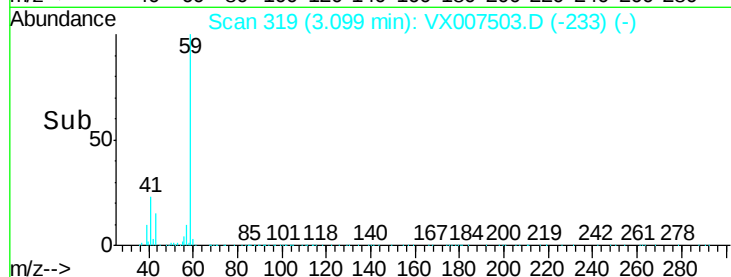
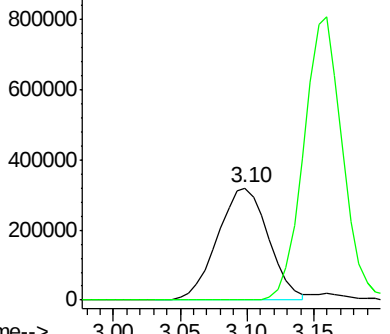
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Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 162.372 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX007503.D

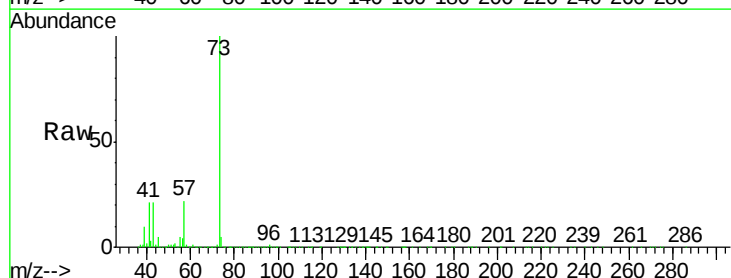
Acq: 13 Feb 2019 00:22

Tgt Ion: 73 Resp: 2210734

Ion Ratio Lower Upper

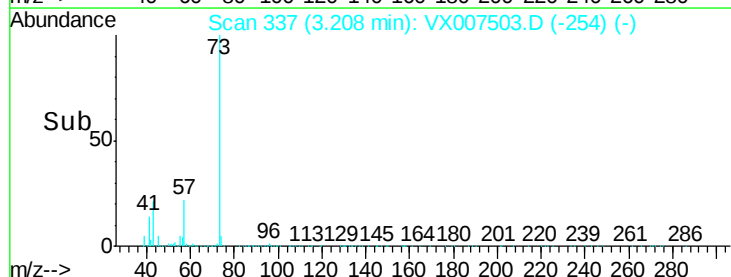
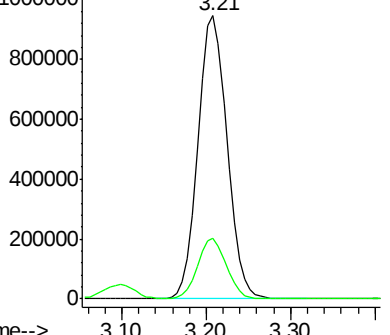
73 100

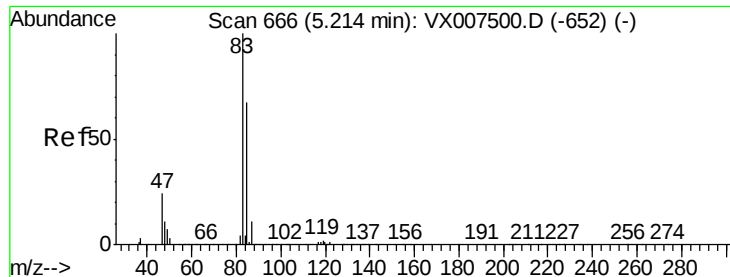
43 21.1 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 159.101 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1181418

Ion Ratio Lower Upper

83 100

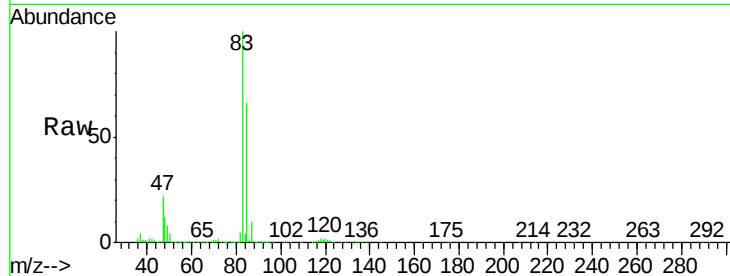
85 65.7 53.8 80.6

Manual Integrations

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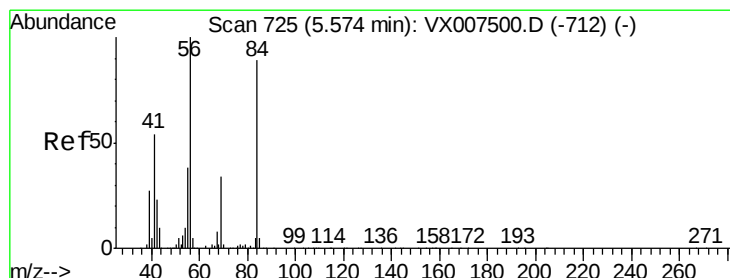
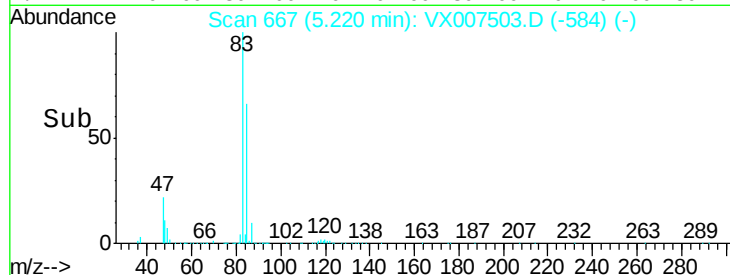
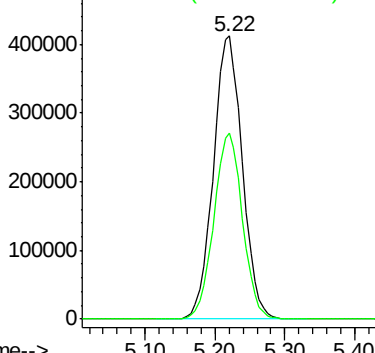
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 161.215 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

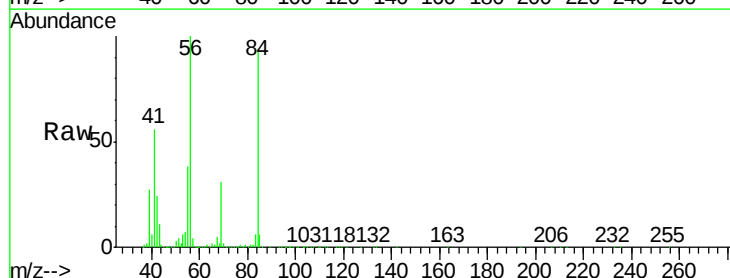
Tgt Ion: 56 Resp: 978062

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

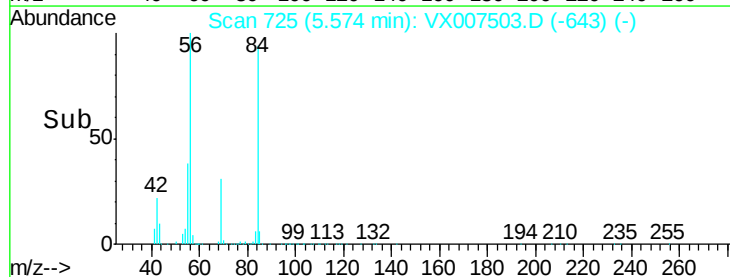
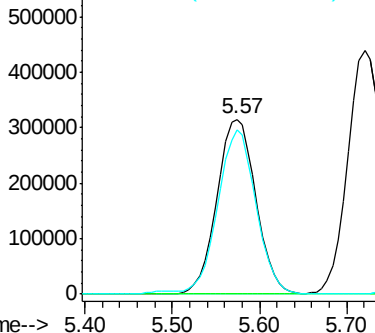
84 92.0 73.9 110.9

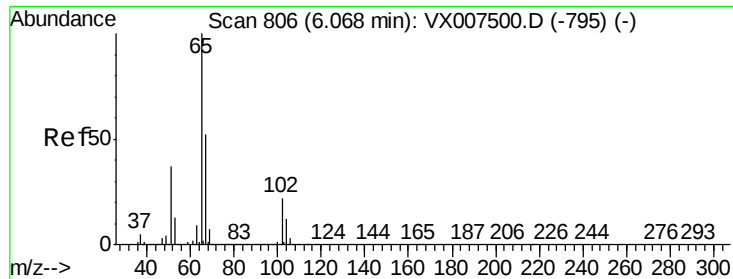


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.125 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 146494

Ion Ratio Lower Upper

65 100

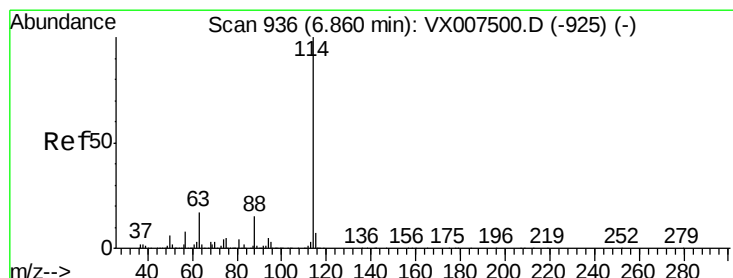
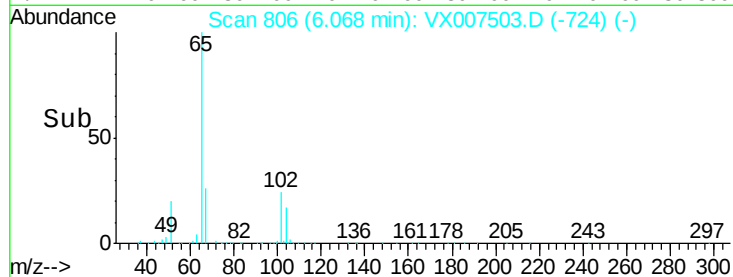
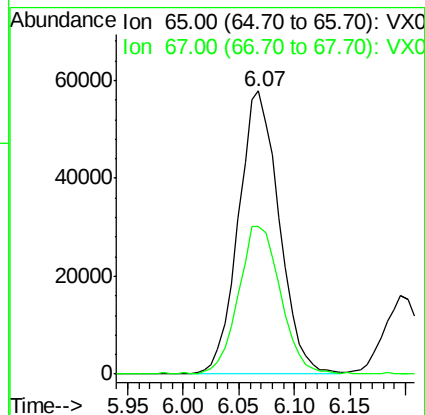
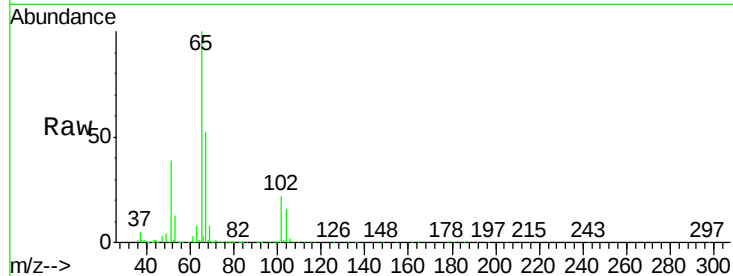
67 53.8 42.9 64.3

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

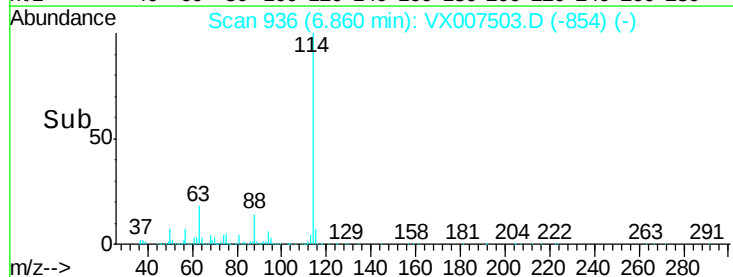
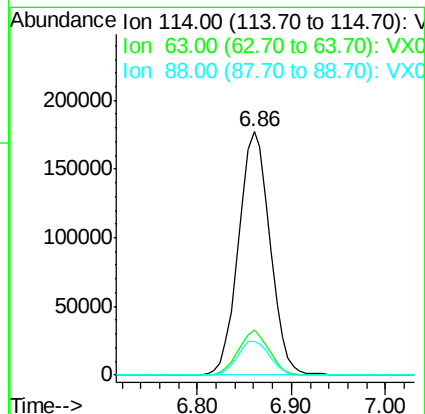
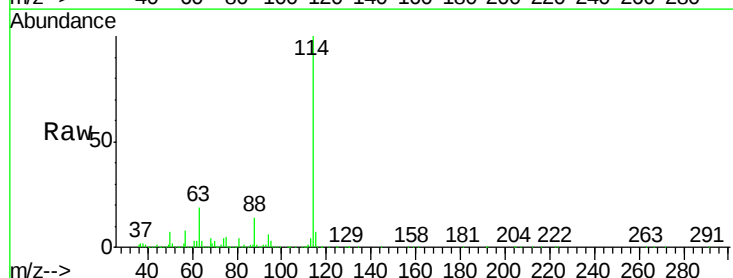
Tgt Ion: 114 Resp: 411491

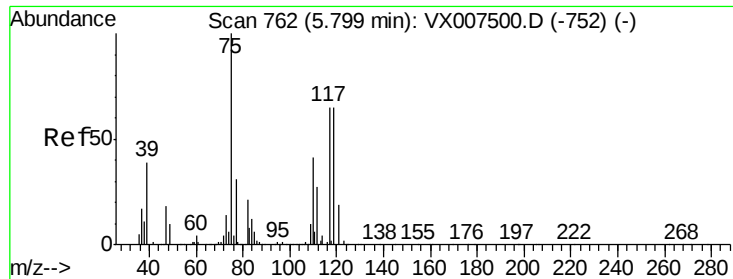
Ion Ratio Lower Upper

114 100

63 18.2 14.2 21.4

88 14.5 11.9 17.9





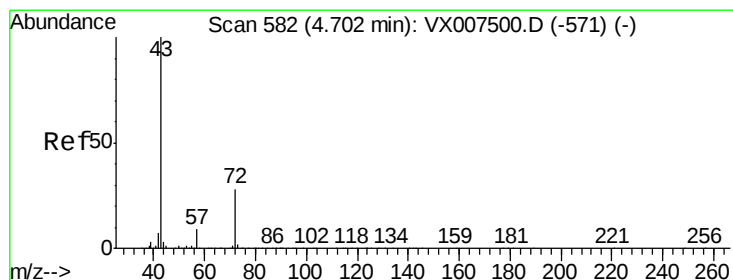
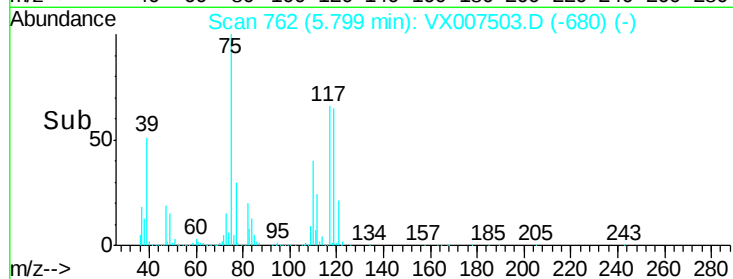
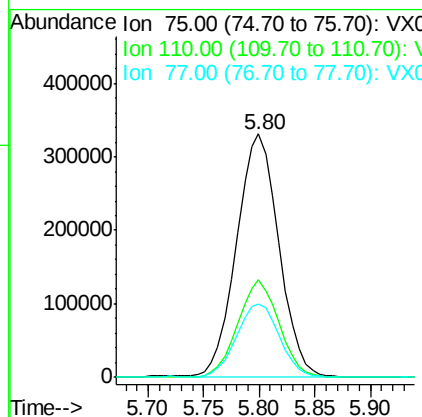
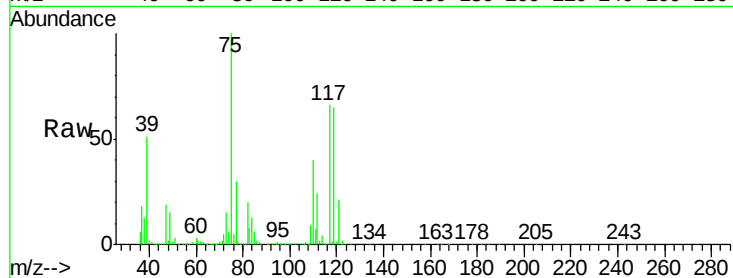
#29
 1,1-Dichloropropene
 Concen: 159.308 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.5	0.0	80.8
77	31.0	0.0	62.4

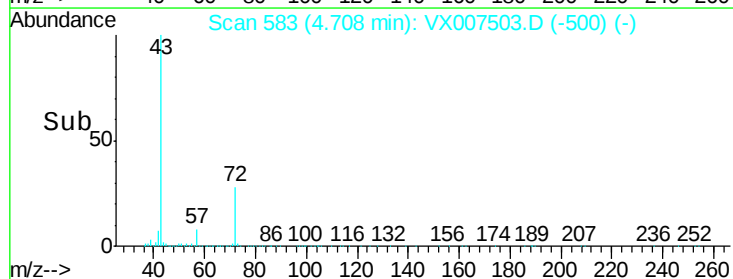
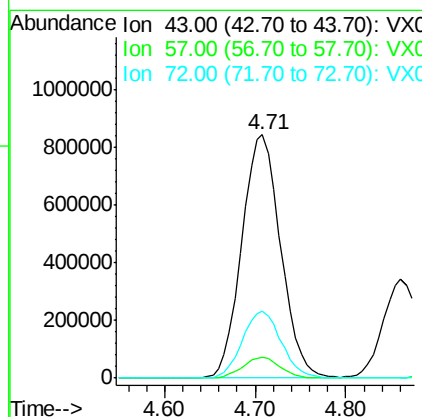
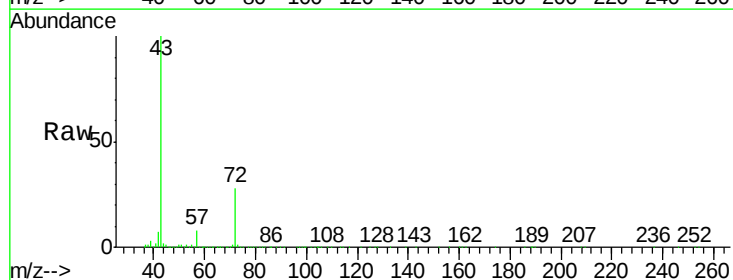
Manual Integrations
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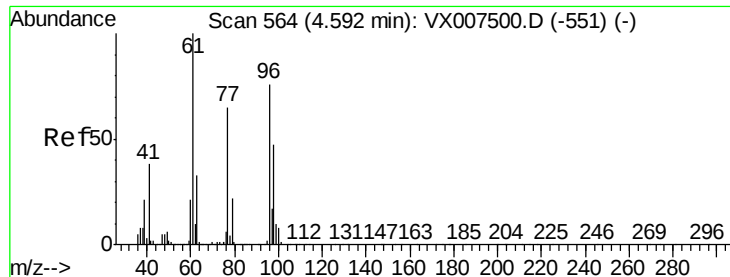
MMDadoda
 2/13/2019 11:52:54 AM



#30
 2-Butanone
 Concen: 771.600 ug/l
 RT: 4.71 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	7.0	10.6
72	27.4	21.5	32.3





#31

2,2-Dichloropropane

Concen: 134.239 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 77 Resp: 712130

Ion Ratio Lower Upper

77 100

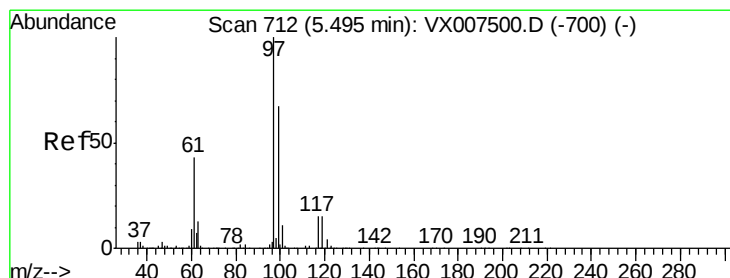
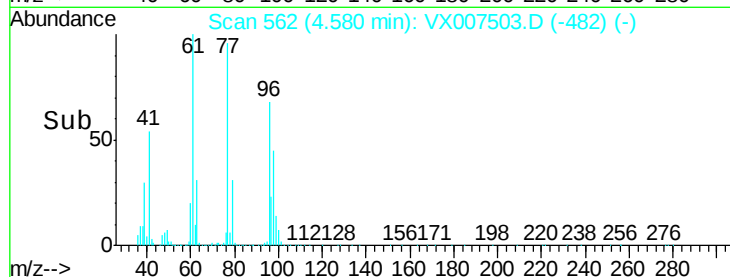
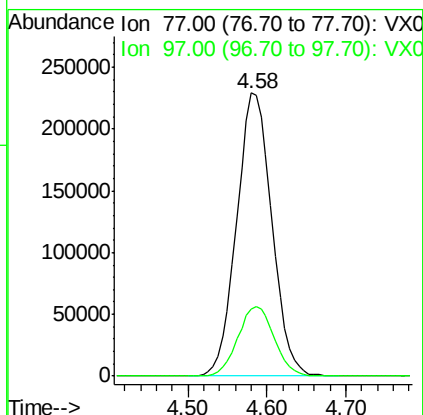
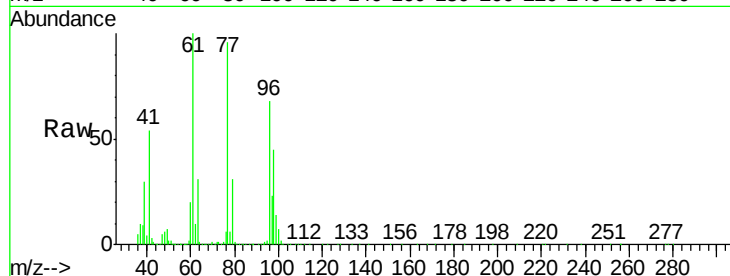
97 25.4 20.6 31.0

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 162.347 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

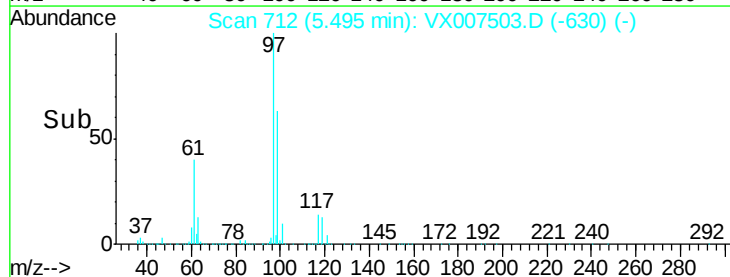
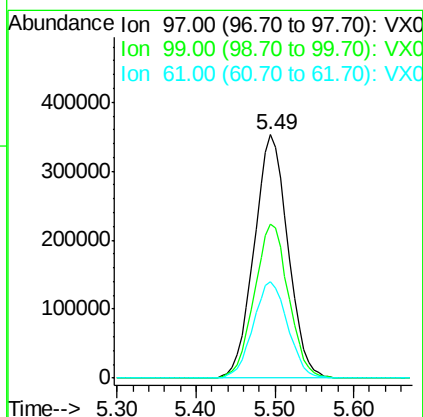
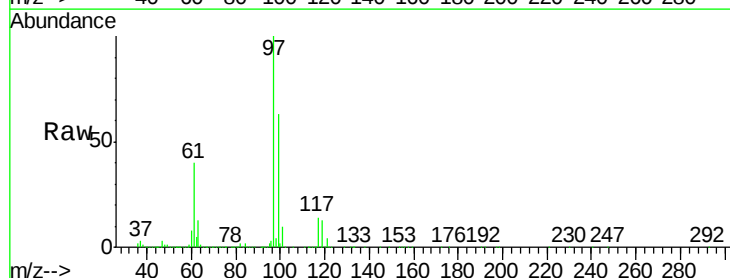
Tgt Ion: 97 Resp: 1050943

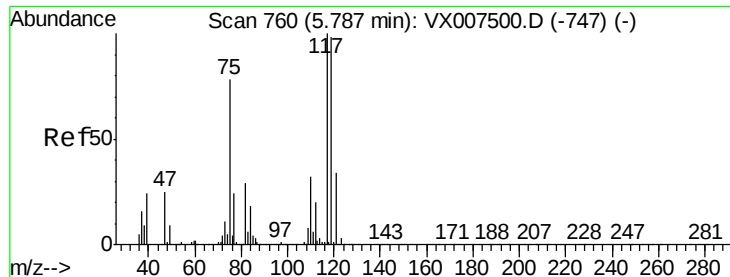
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 40.5 32.8 49.2





#33

Carbon Tetrachloride

Concen: 166.485 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

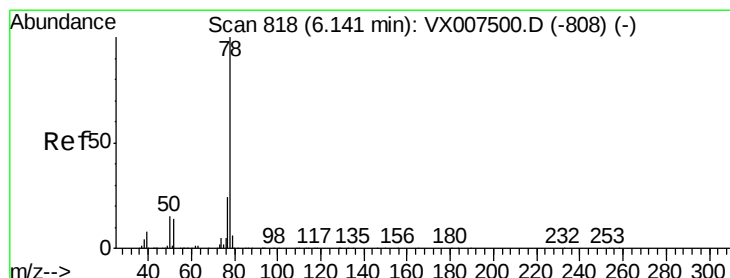
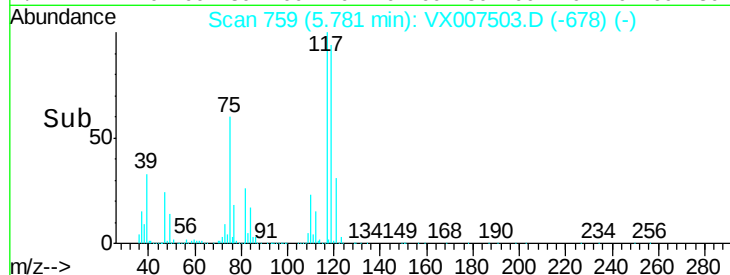
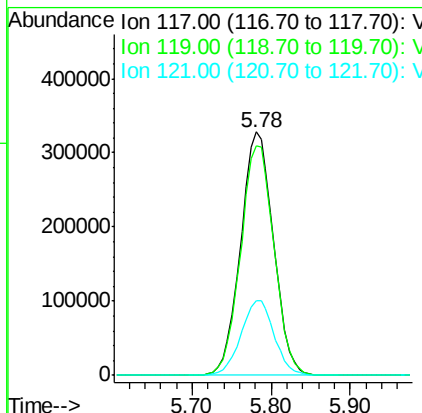
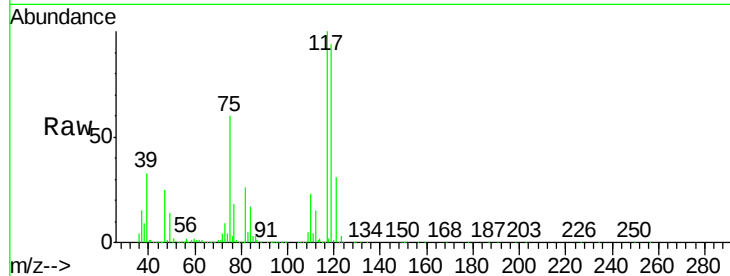
ClientSampleId :

VSTDIC150

Tot Ion:	117	Resp:	948452
Ion Ratio	Lower	Upper	
117	100		
119	94.4	78.1	117.1
121	30.7	27.0	40.6

Manual Integrations
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#34

Benzene

Concen: 156.933 ug/l

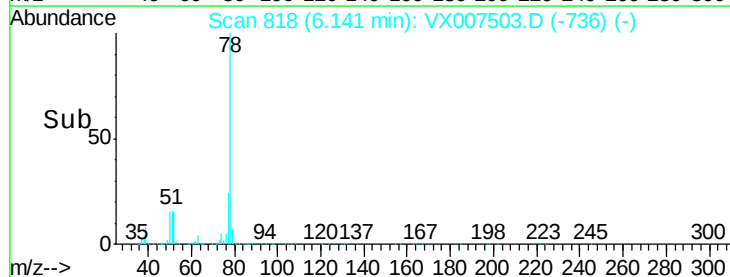
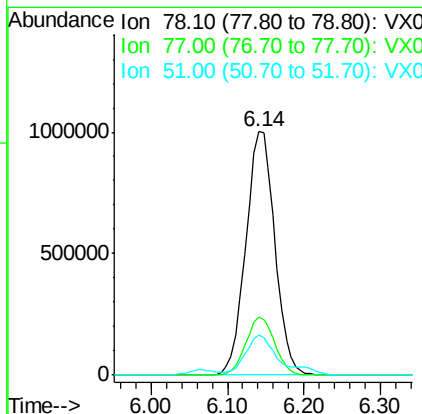
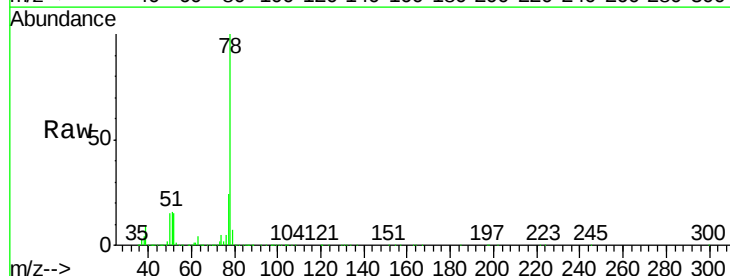
RT: 6.14 min Scan# 818

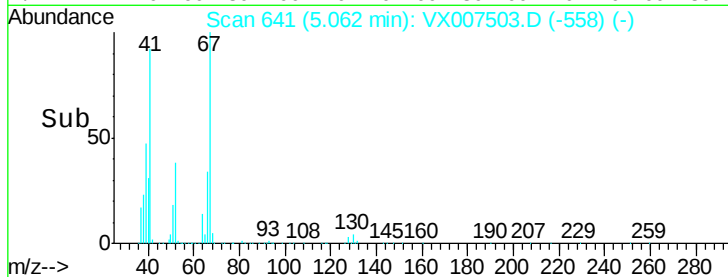
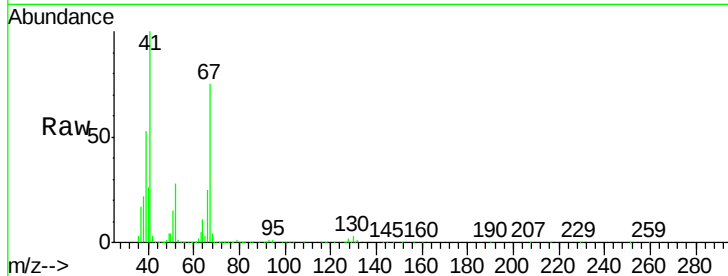
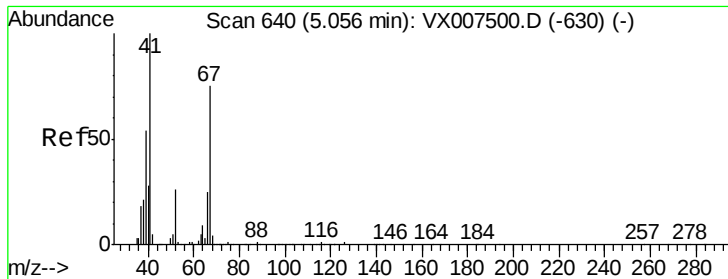
Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion:	78	Resp:	2647225
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.1	28.7
51	16.3	10.8	16.2#





#35

Methacrylonitrile

Concen: 159.940 ug/l

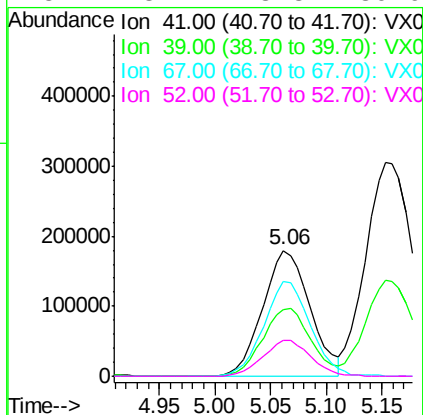
RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	27.4	82.0	
67	75.1	37.9	113.6	
52	28.2	13.3	39.9	



Instrument :

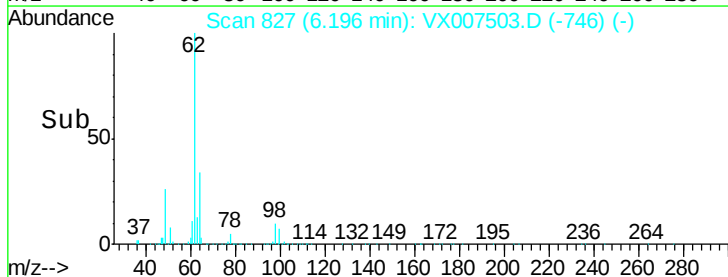
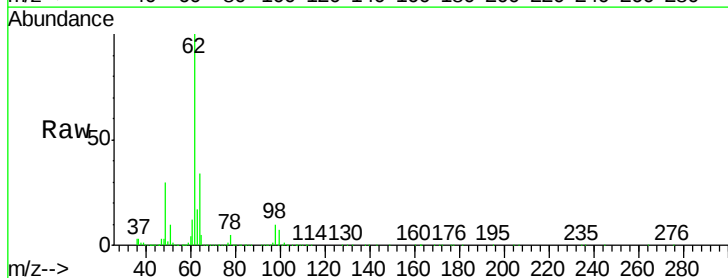
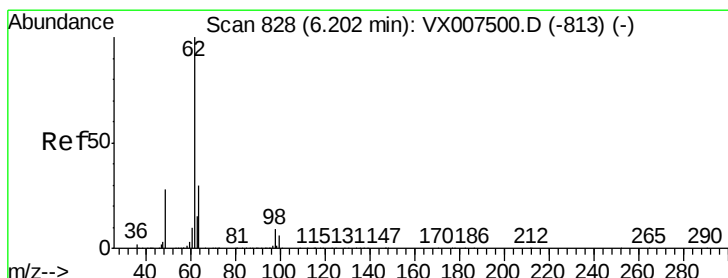
MSVOA_X

ClientSampleId :

VSTDIC150

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2/13/2019 11:52:54 AM



#36

1,2-Dichloroethane

Concen: 153.720 ug/l

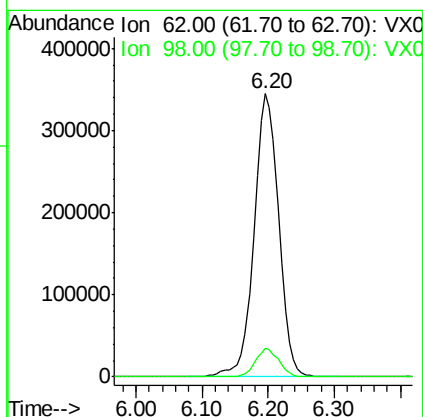
RT: 6.20 min Scan# 827

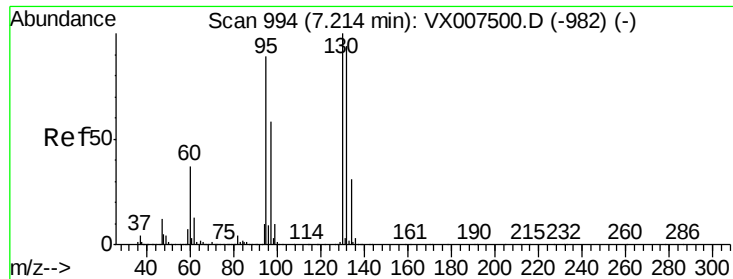
Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	7.8	11.8	





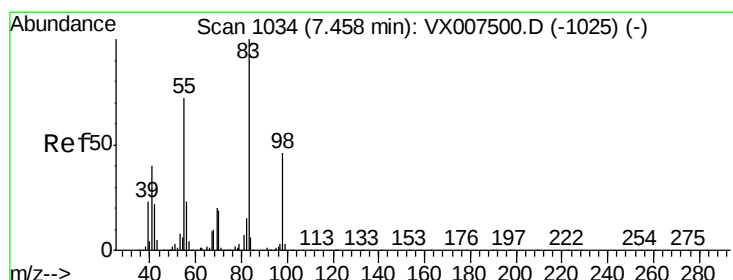
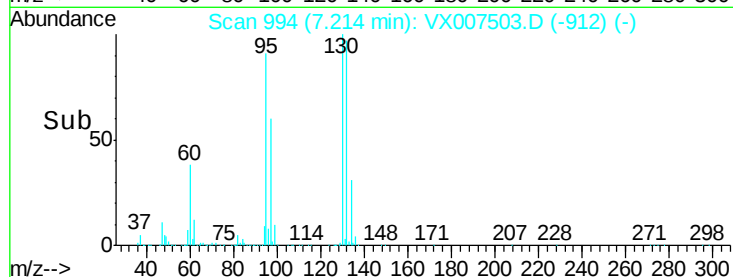
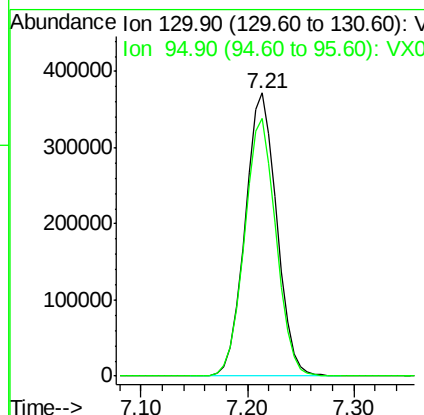
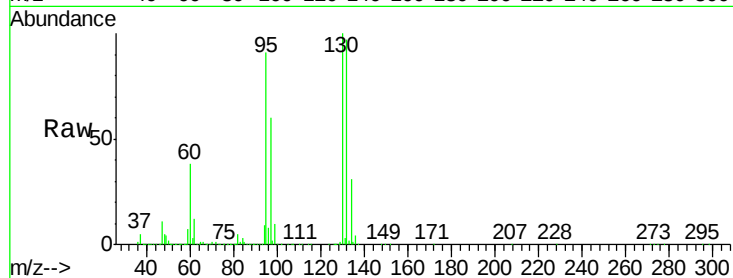
#37
 Trichloroethene
 Concen: 156.459 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
130	100		
95	91.1	71.3	106.9

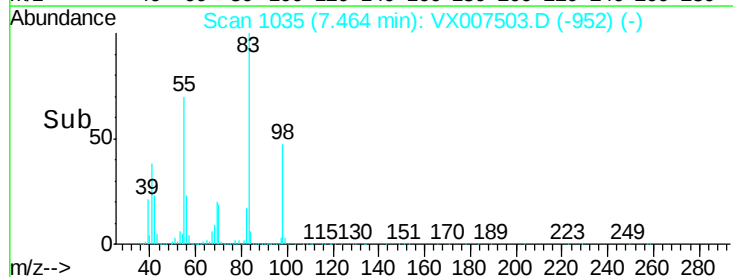
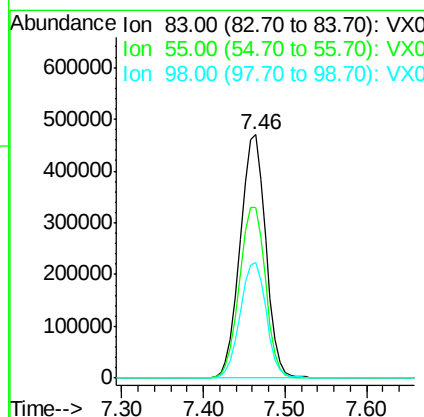
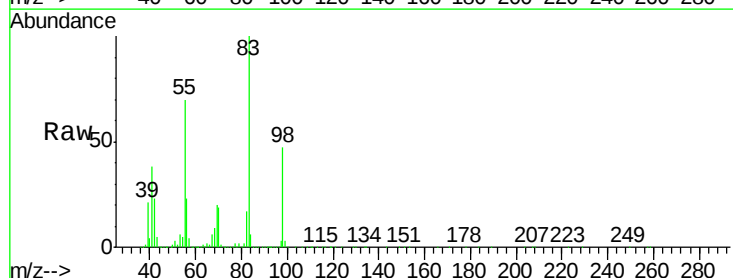
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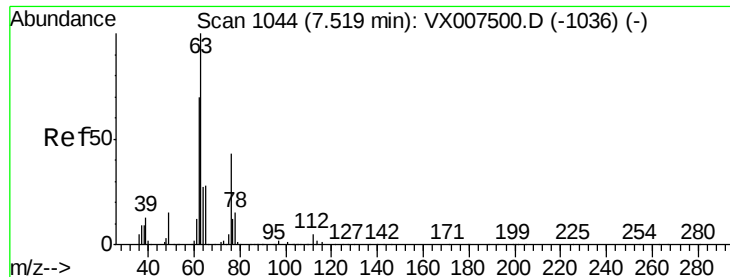
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#38
 Methylcyclohexane
 Concen: 149.316 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.2	36.0	108.0
98	48.4	23.8	71.4





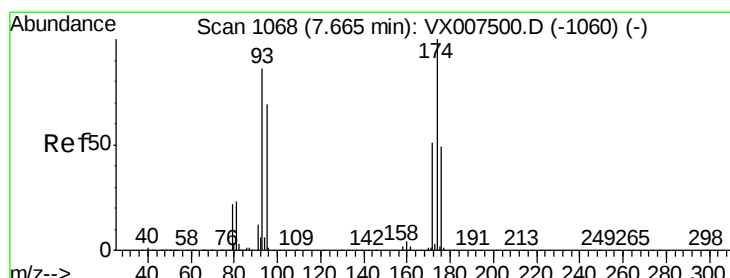
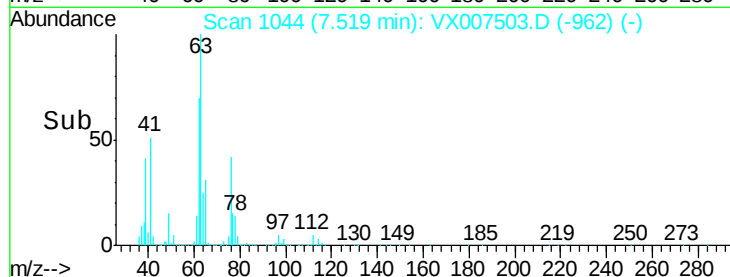
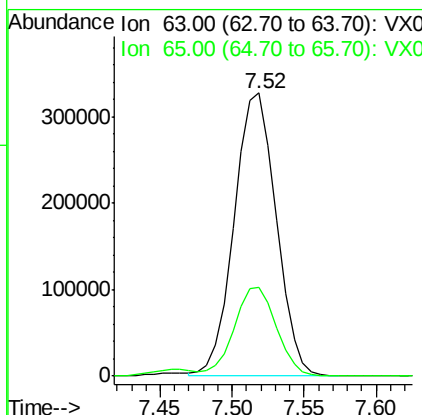
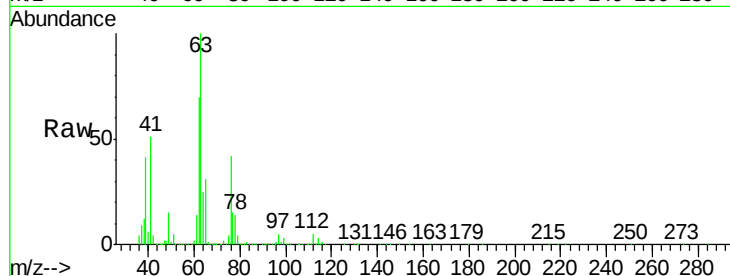
#39
 1,2-Dichloropropane
 Concen: 156.826 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.6	37.0

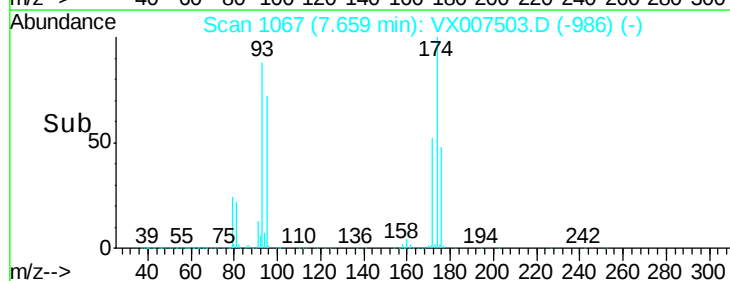
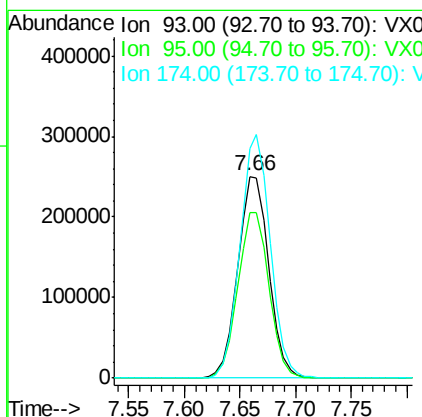
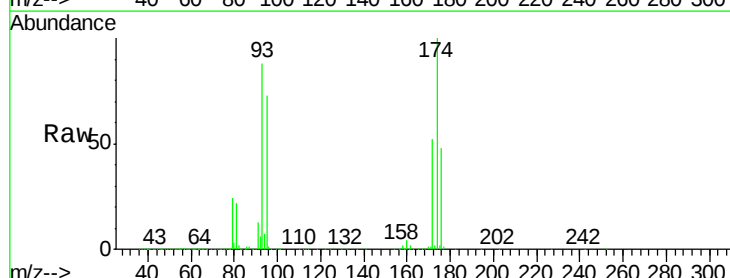
Manual Integrations
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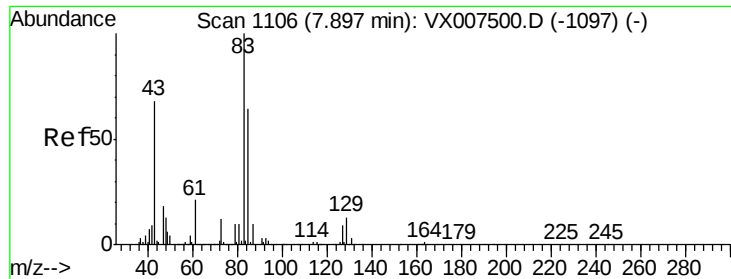
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 2/13/2019 11:52:54 AM



#40
 Dibromomethane
 Concen: 157.202 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	0.0	158.8
174	118.2	0.0	224.2





#41

Bromodichloromethane

Concen: 168.420 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

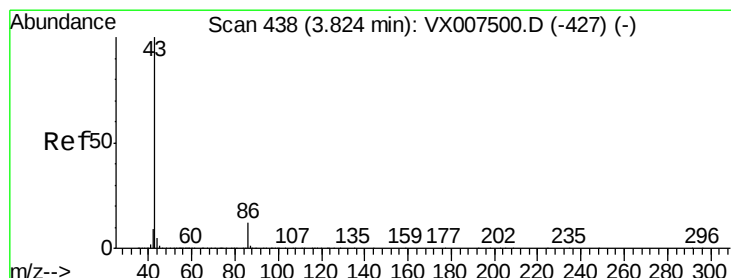
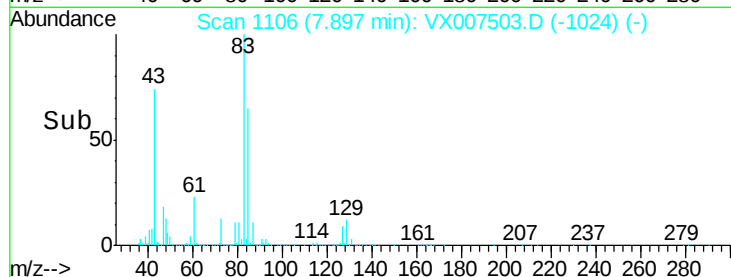
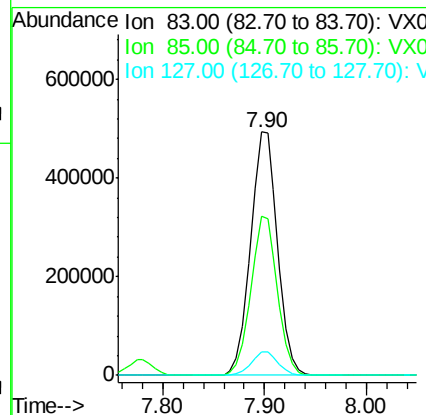
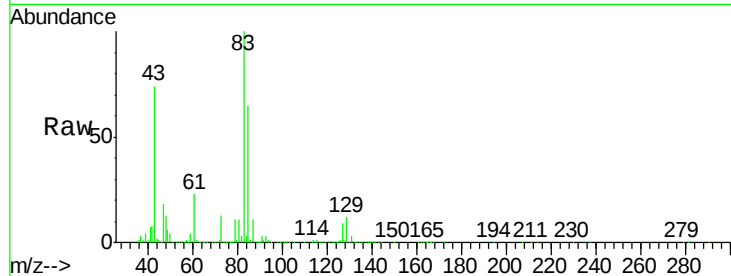
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	904359
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.1	76.7
127	9.5	7.2	10.8

Manual Integrations
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2/13/2019 11:52:54 AM



#42

Vinyl Acetate

Concen: 817.669 ug/l

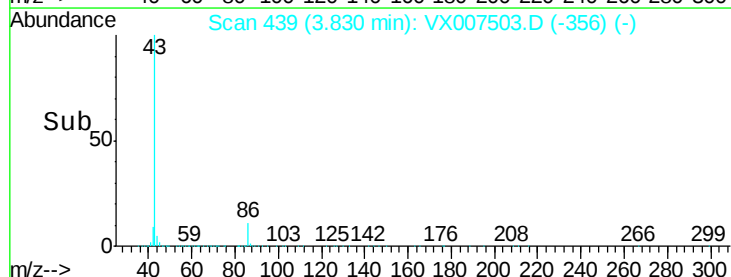
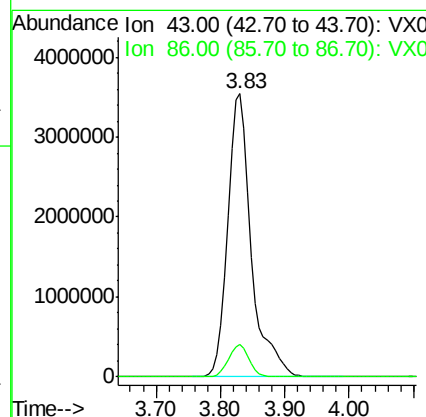
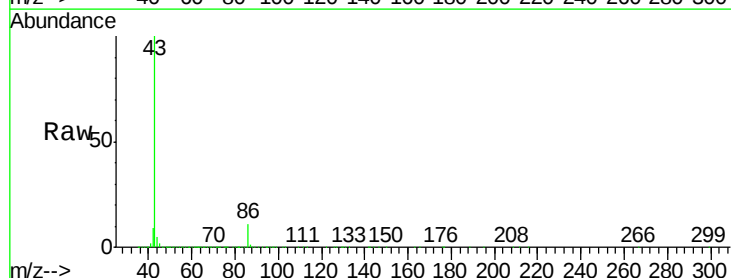
RT: 3.83 min Scan# 439

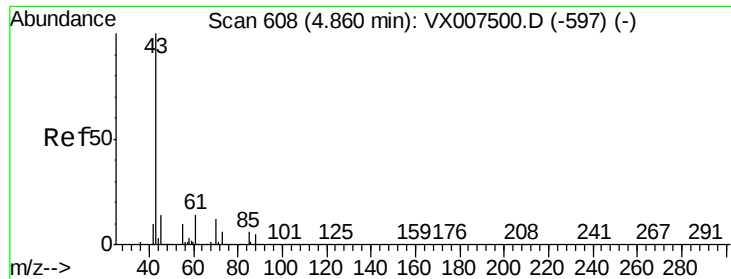
Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion:	43	Resp:	9129724
Ion Ratio	Lower	Upper	
43	100		
86	10.0	8.2	12.2





#43

Ethyl Acetate

Concen: 157.794 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 964904

Ion Ratio Lower Upper

43 100

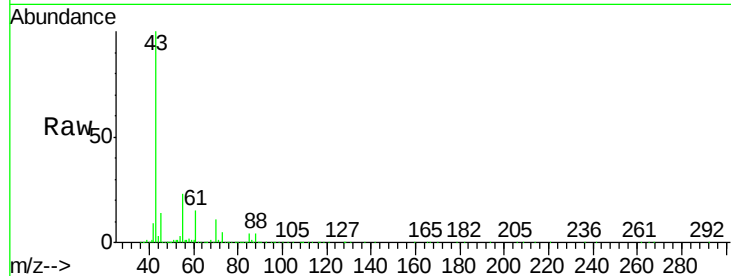
45 15.0 6.9 10.3#

Manual Integrations

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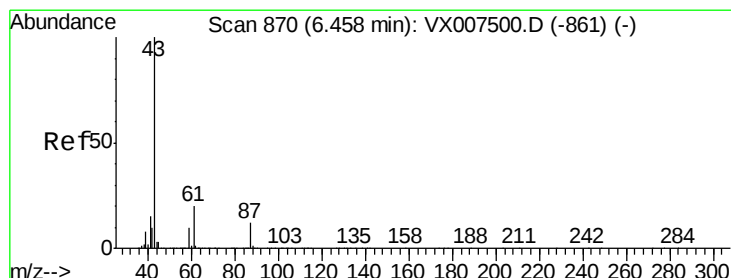
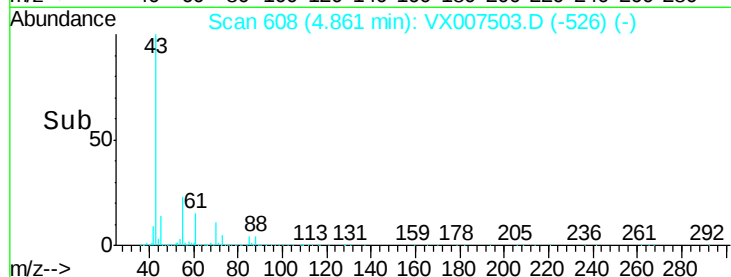
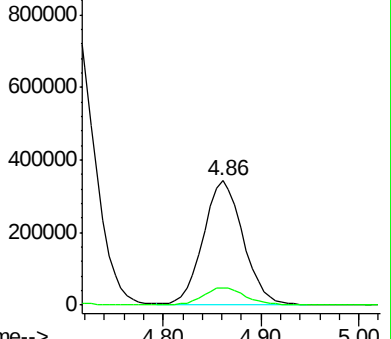
MMDadoda

2/13/2019 11:52:54 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 163.280 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007503.D

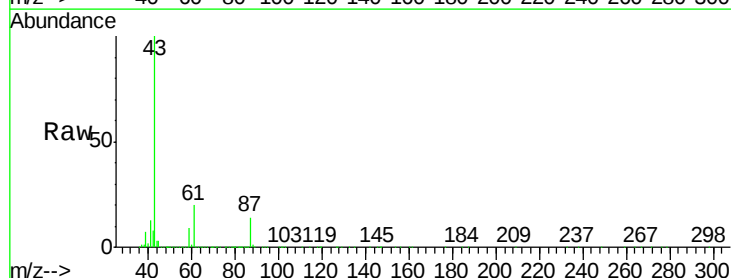
Acq: 13 Feb 2019 00:22

Tgt Ion: 43 Resp: 1552291

Ion Ratio Lower Upper

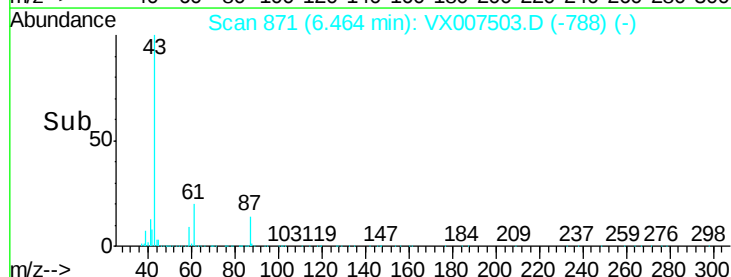
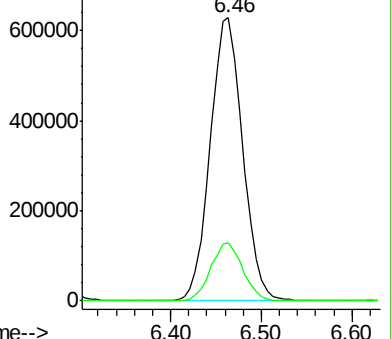
43 100

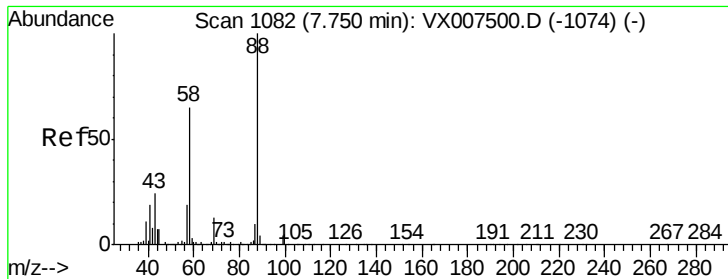
61 20.4 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





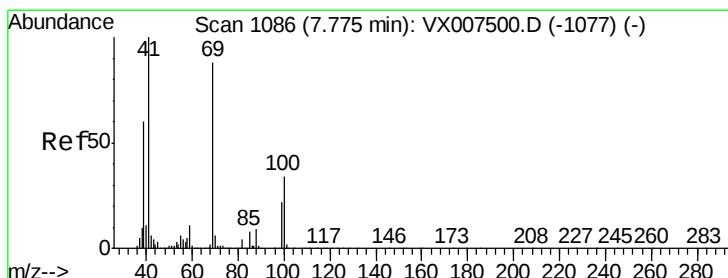
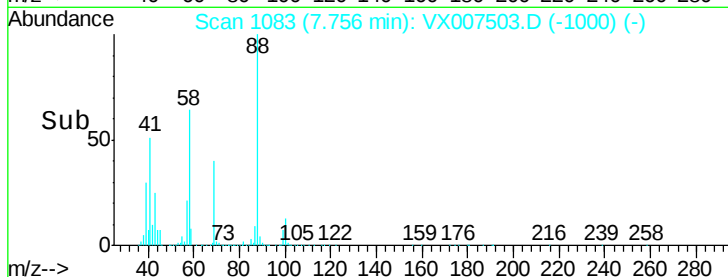
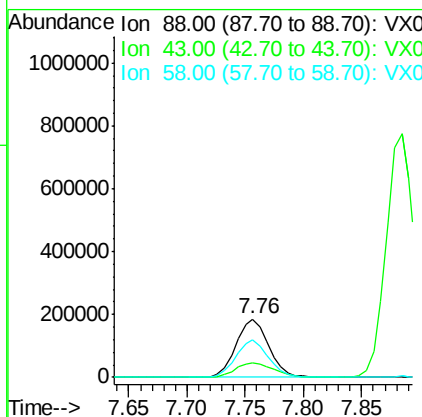
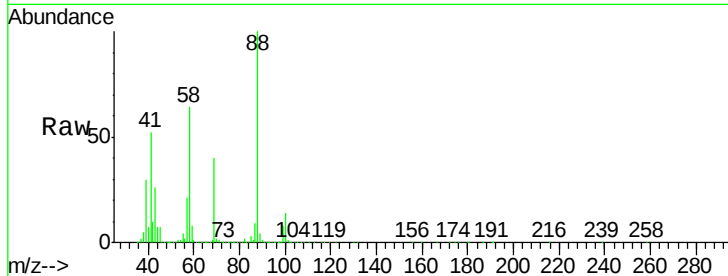
#45
 1,4-Dioxane
 Concen: 3183.696 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	88	Resp	363881
Ion	Ratio	Lower	Upper
88	100		
43	28.9	23.6	35.4
58	63.8	51.6	77.4

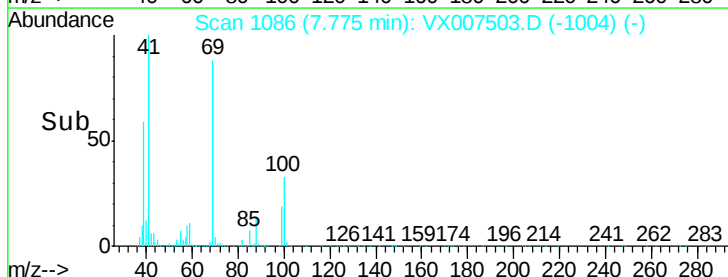
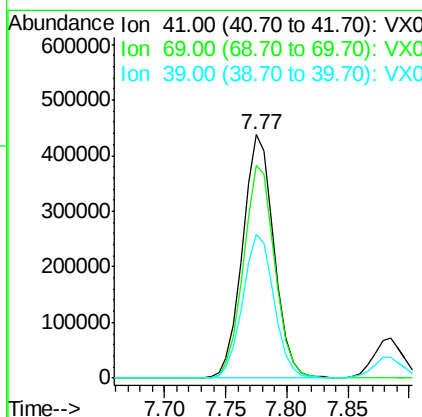
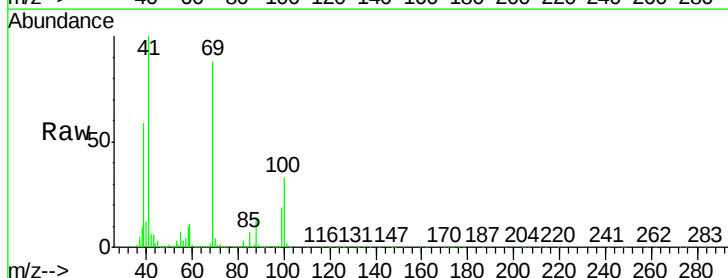
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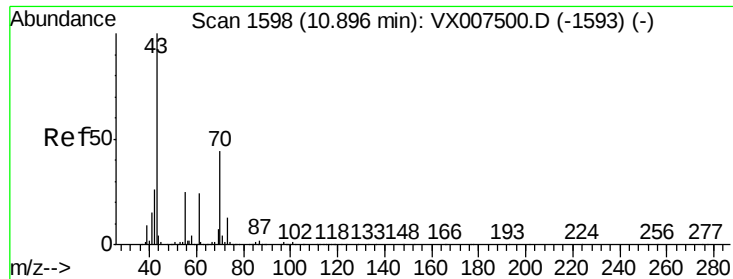
MMDadoda
 2/13/2019 11:52:54 AM



#46
 Methyl methacrylate
 Concen: 161.202 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion	41	Resp	779021
Ion	Ratio	Lower	Upper
41	100		
69	87.6	44.2	132.6
39	58.8	29.9	89.8





#47

n-amvl Acetate

Concen: 175.561 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1462106

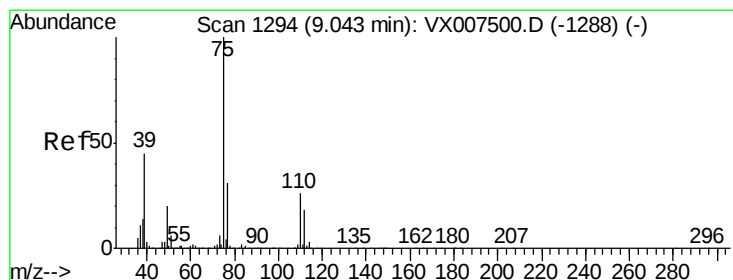
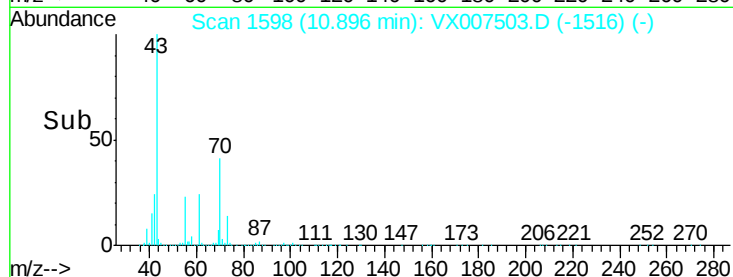
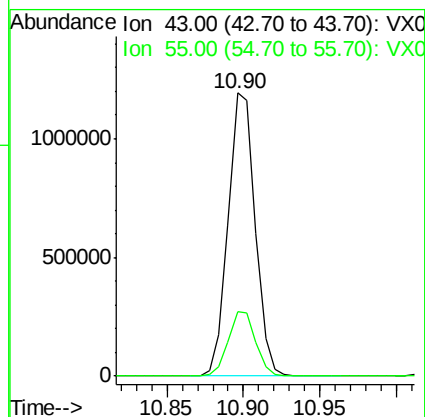
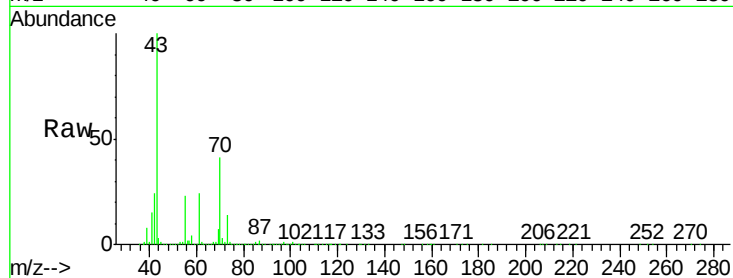
Ion Ratio Lower Upper

43 100

55 23.0 20.8 31.2

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#48

t-1,3-Dichloropropene

Concen: 170.692 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007503.D

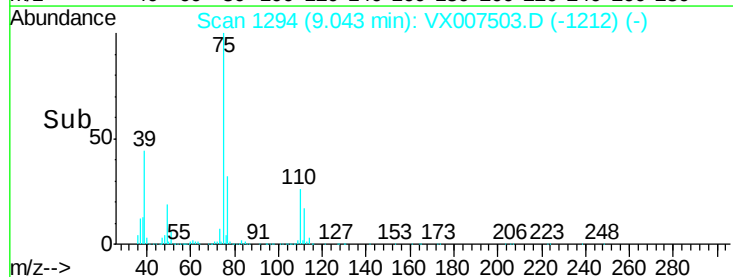
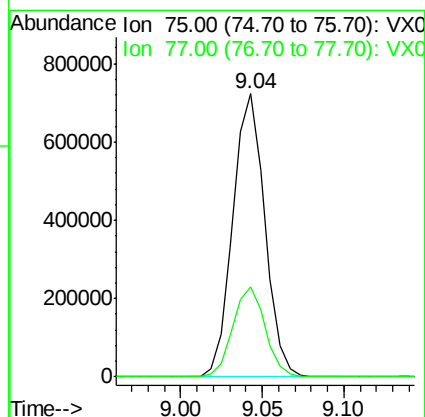
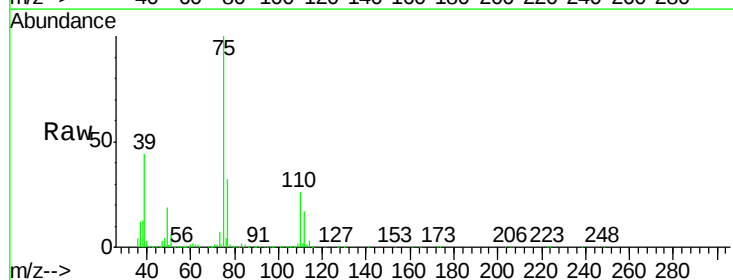
Acq: 13 Feb 2019 00:22

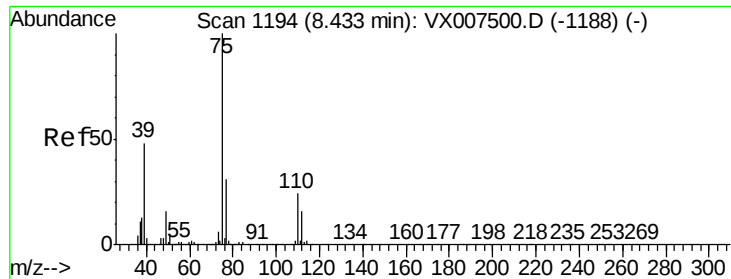
Tgt Ion: 75 Resp: 987332

Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7





#49

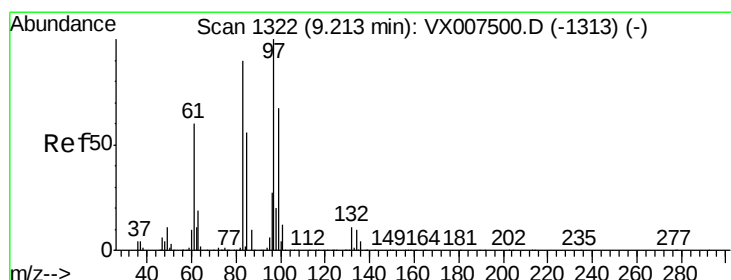
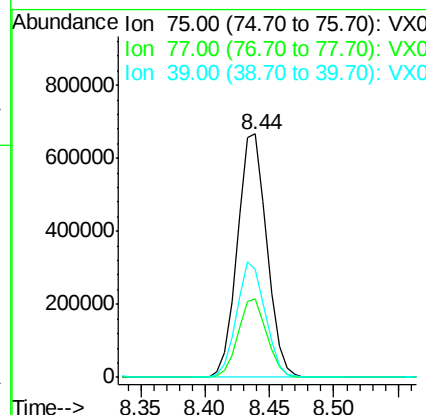
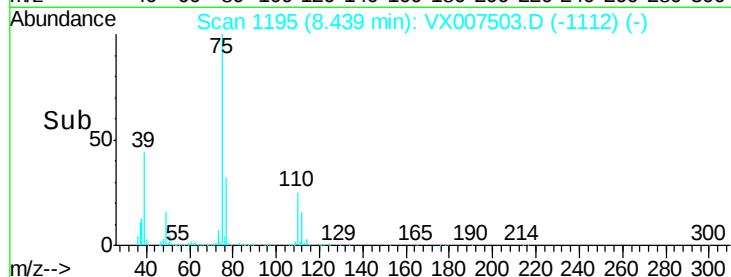
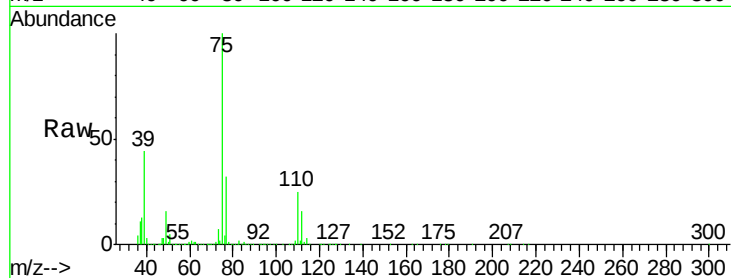
cis-1,3-Dichloropropene
 Concen: 164.358 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.4
39	44.1	38.5	57.7

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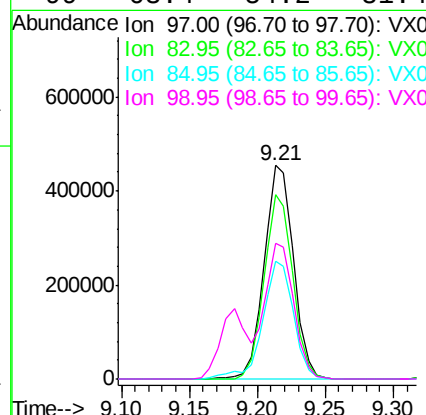
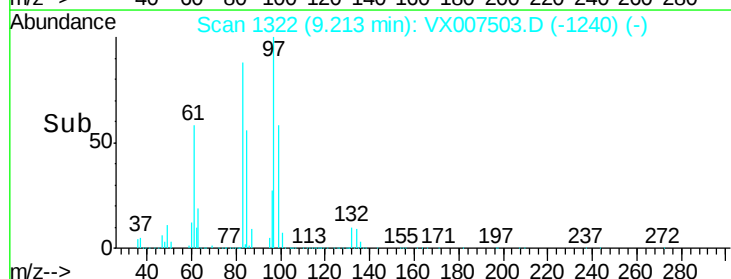
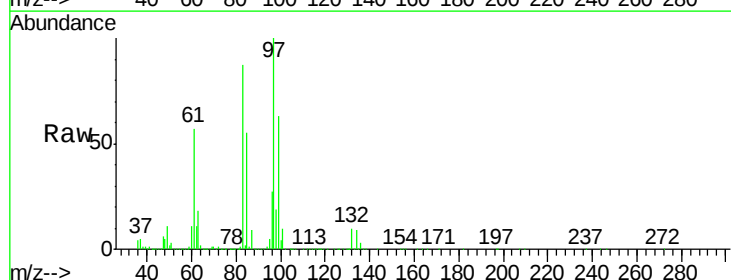
MMDadoda
 2/13/2019 11:52:54 AM

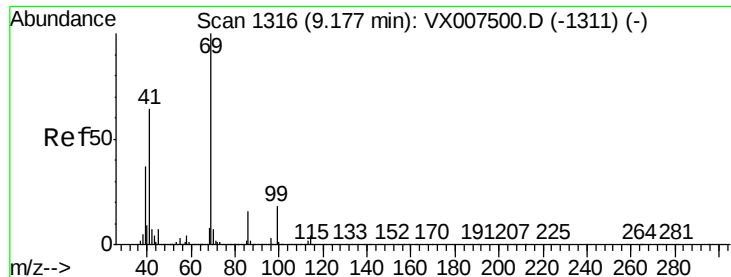


#50

1,1,2-Trichloroethane
 Concen: 150.908 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	72.0	108.0
85	55.3	45.0	67.6
99	63.4	54.2	81.4





#51

Ethyl methacrylate

Concen: 159.763 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 69 Resp: 1044989

Ion Ratio Lower Upper

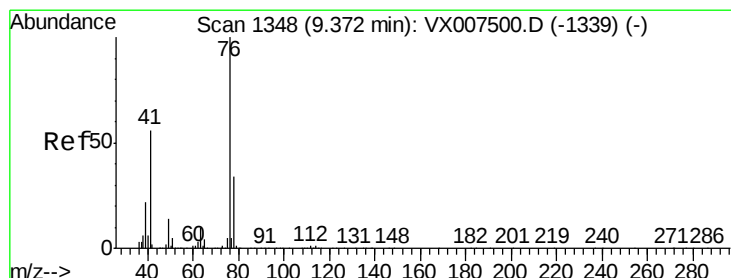
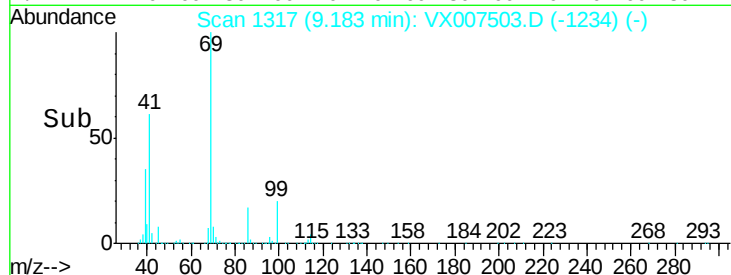
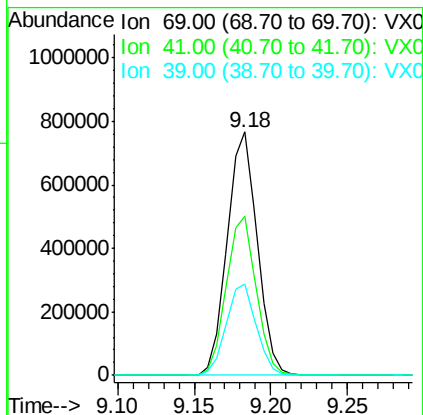
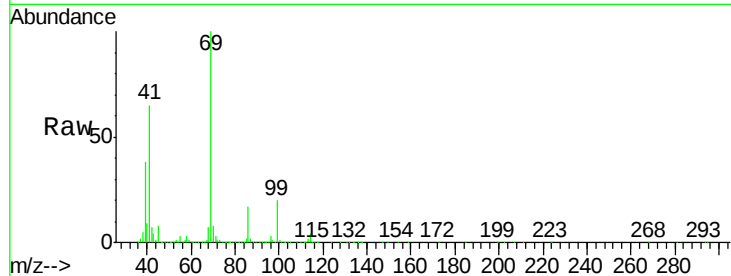
69 100

41 65.1 32.1 96.5

39 37.5 18.8 56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 152.144 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007503.D

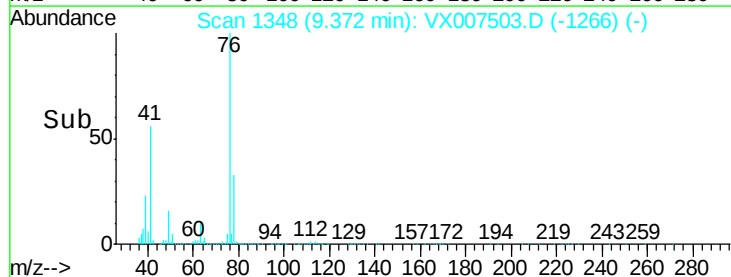
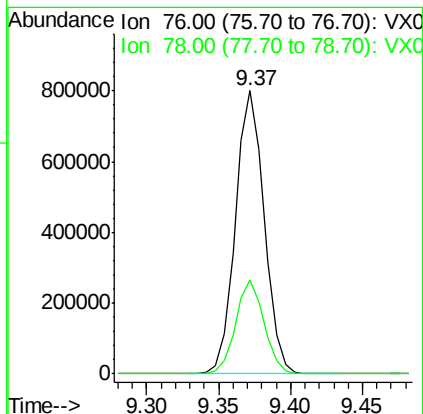
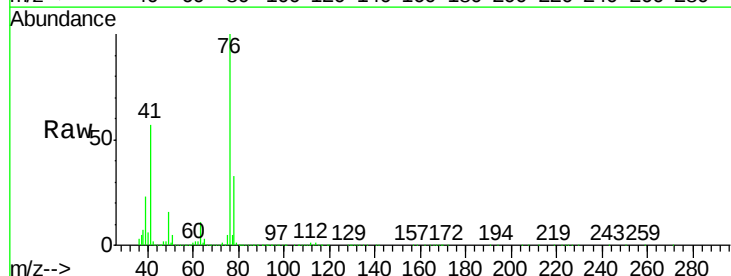
Acq: 13 Feb 2019 00:22

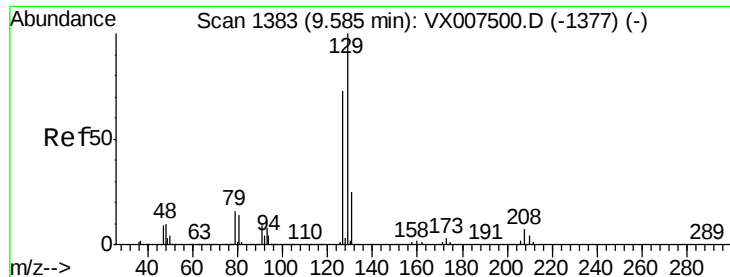
Tgt Ion: 76 Resp: 1113585

Ion Ratio Lower Upper

76 100

78 32.7 0.0 65.2





#53

Dibromochloromethane

Concen: 171.571 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 792891

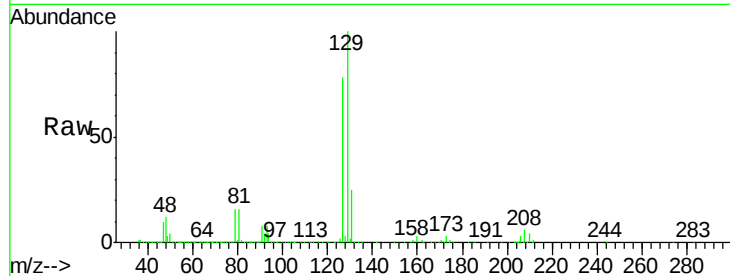
Ion Ratio Lower Upper

129 100

127 77.1 38.4 115.2

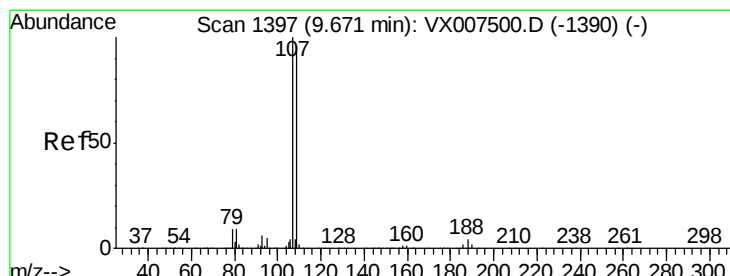
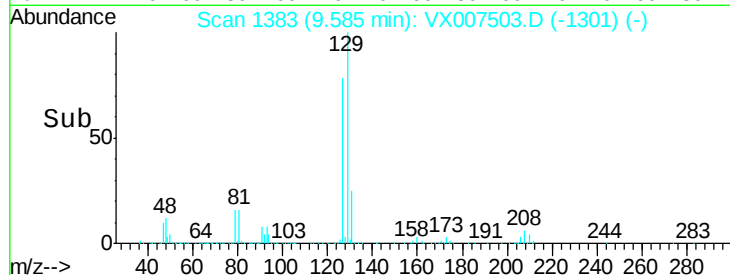
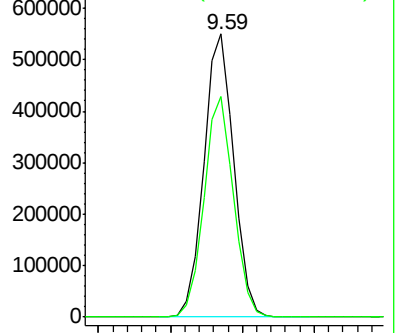
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 155.627 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007503.D

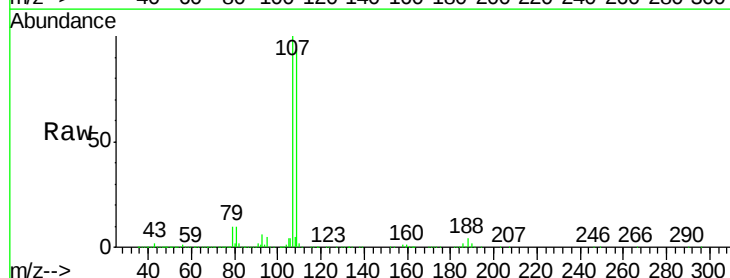
Acq: 13 Feb 2019 00:22

Tgt Ion:107 Resp: 762832

Ion Ratio Lower Upper

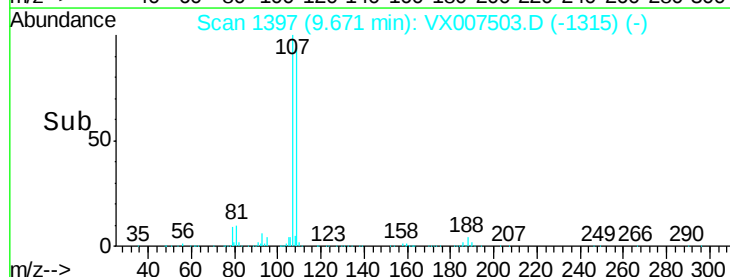
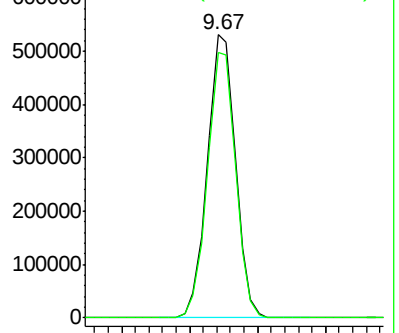
107 100

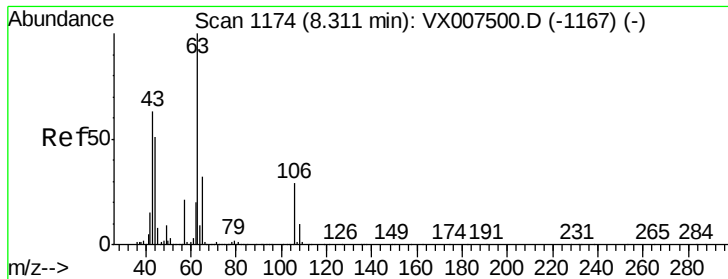
109 94.2 76.6 115.0



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: 772.538 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

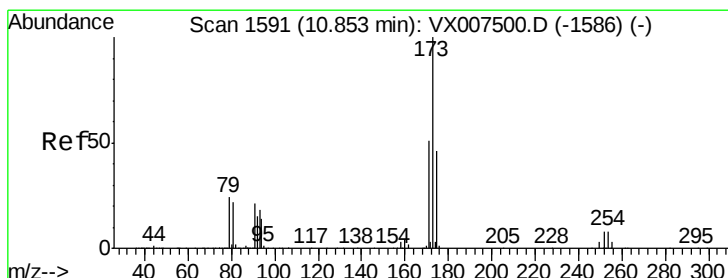
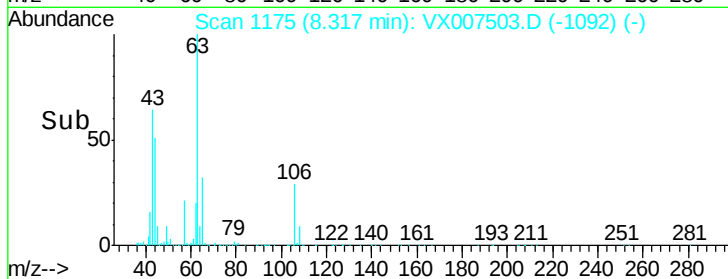
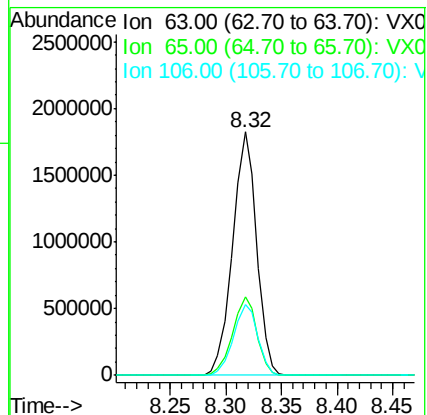
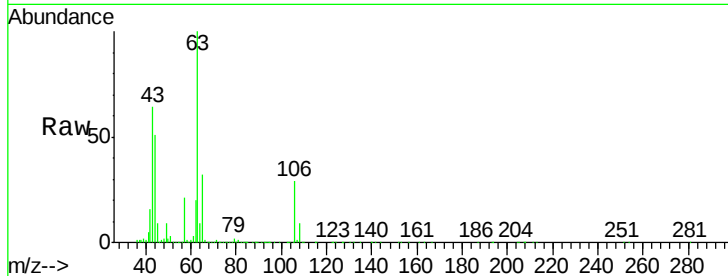
VSTDIC150

Tot Ion: 63 Resp: 271522

Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.7	38.5
106	29.6	23.7	35.5

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#56

Bromoform

Concen: 181.398 ug/l

RT: 10.86 min Scan# 1592

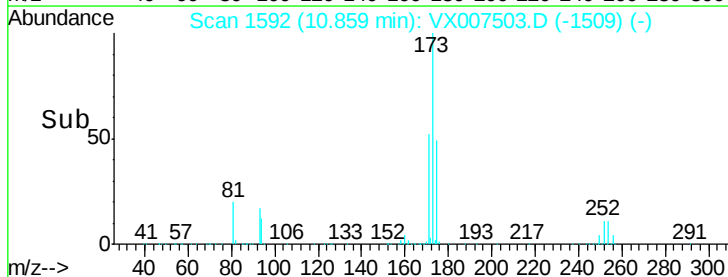
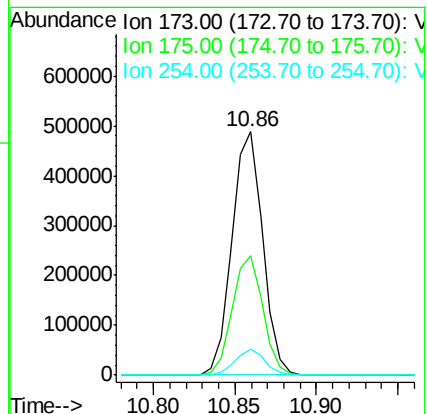
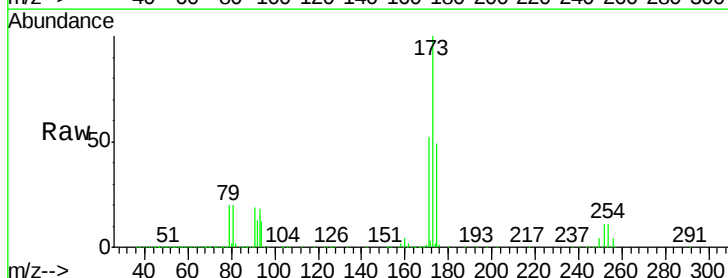
Delta R.T. 0.01 min

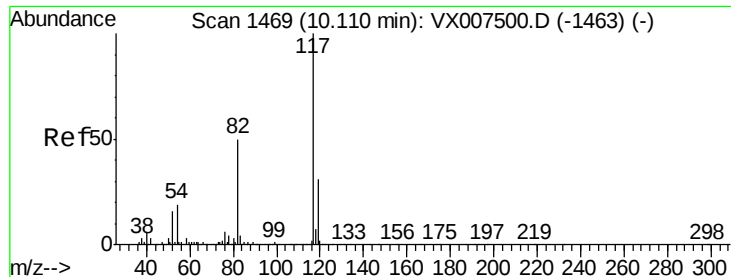
Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion: 173 Resp: 637525

Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.5	57.7
254	10.3	7.4	11.2





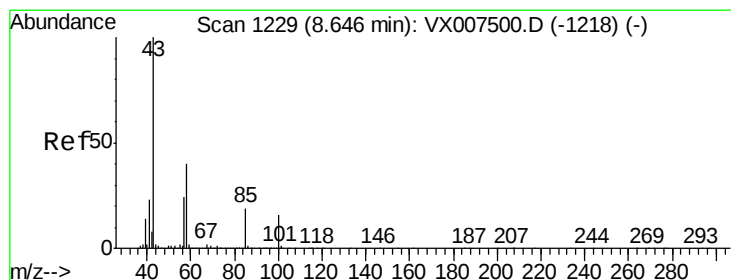
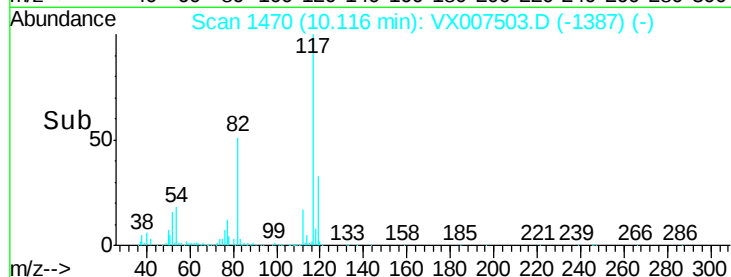
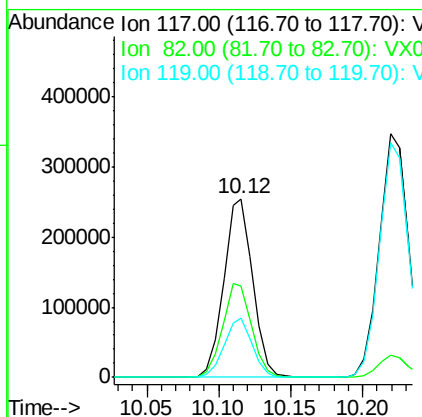
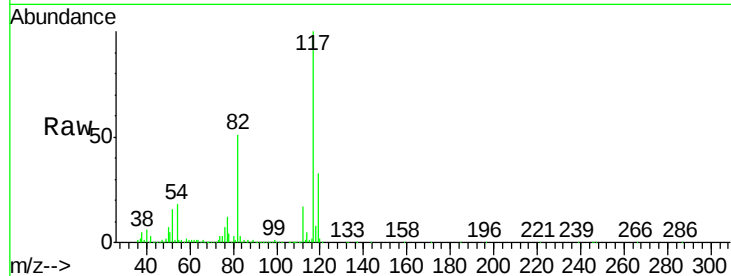
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	40.4	60.6
119	32.3	25.8	38.6

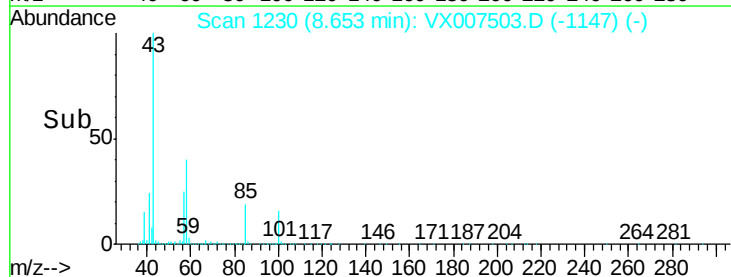
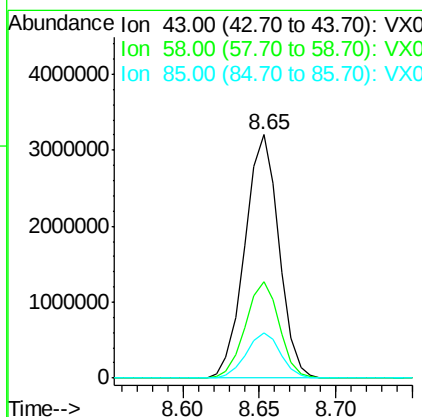
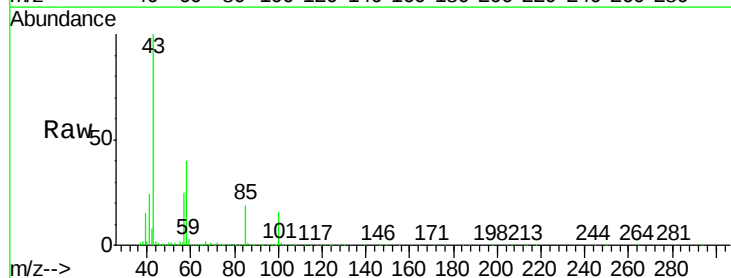
Manual Integrations
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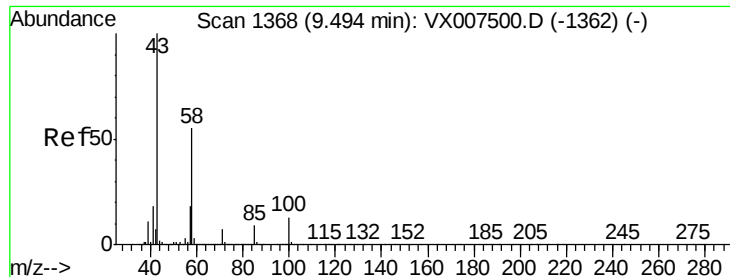
MMDadoda
2/13/2019 11:52:54 AM



#58
4-Methyl-2-Pentanone
Concen: 811.107 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.4	47.0
85	18.6	15.0	22.6





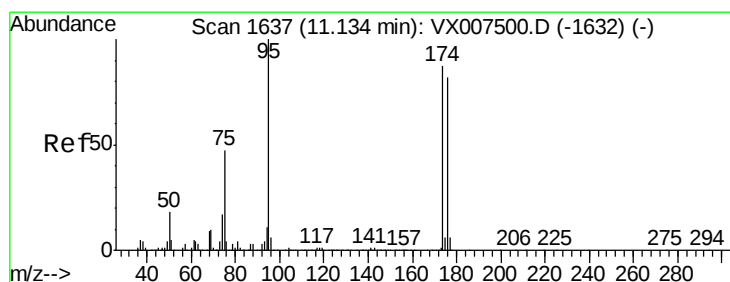
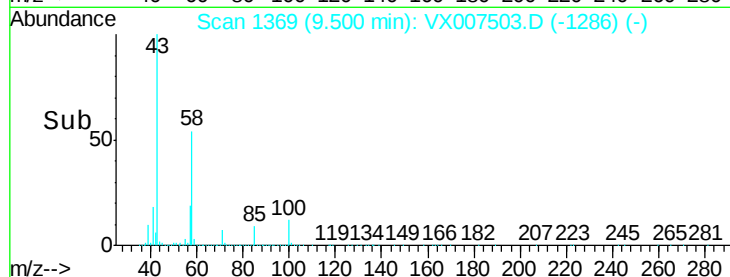
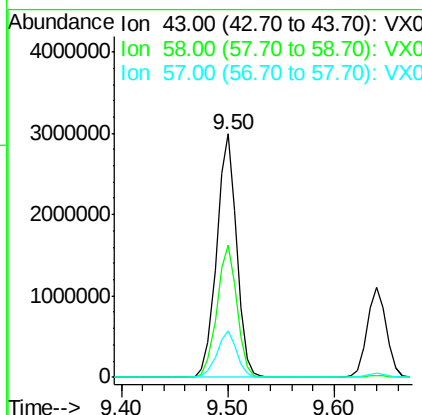
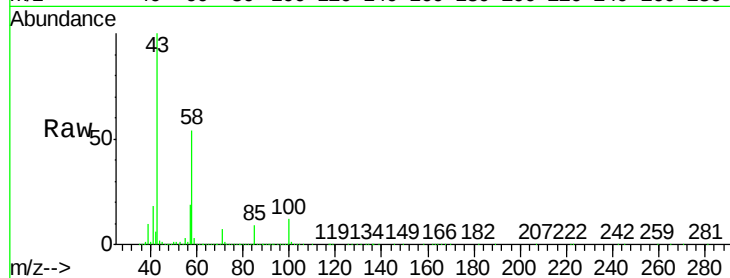
#59
2-Hexanone
Concen: 826.219 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.9	65.9
57	18.9	14.9	22.3

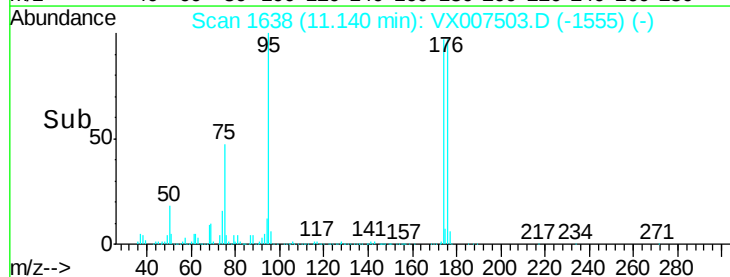
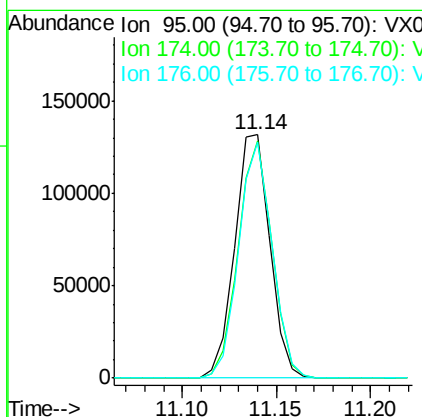
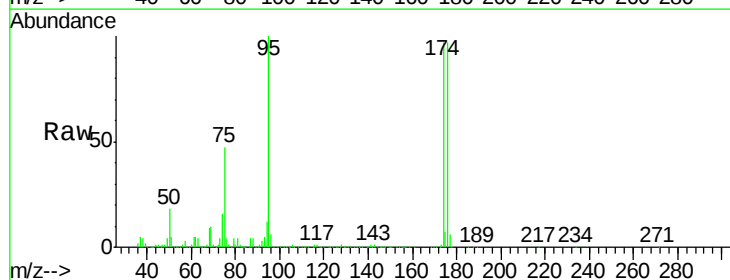
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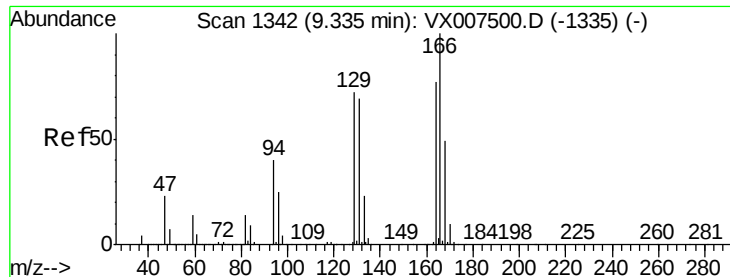
MMDadoda
2/13/2019 11:52:54 AM



#60
4-Bromofluorobenzene
Concen: 31.019 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.1	74.9	112.3
176	91.9	70.7	106.1





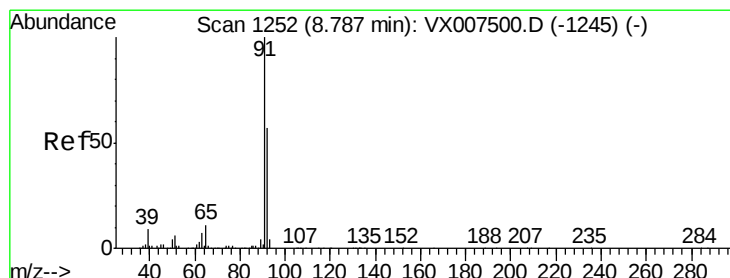
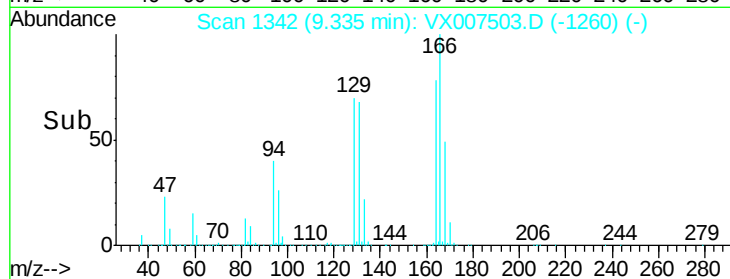
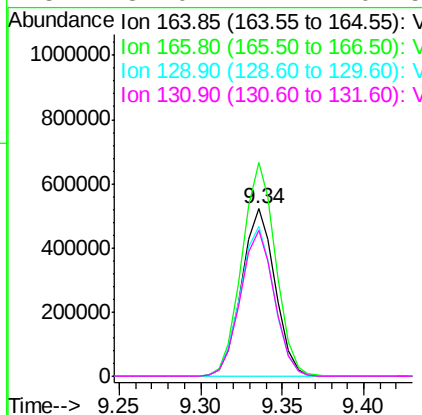
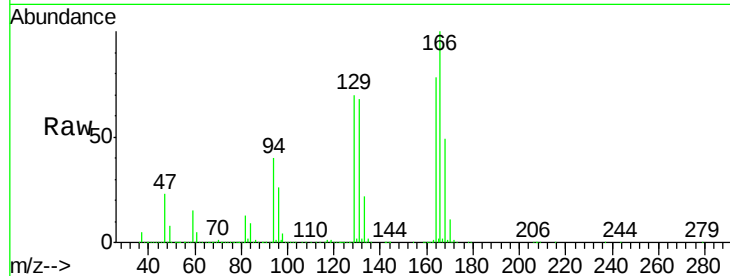
#61
Tetrachloroethene
Concen: 150.310 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.4	103.9	155.9
129	89.7	74.7	112.1
131	87.0	71.7	107.5

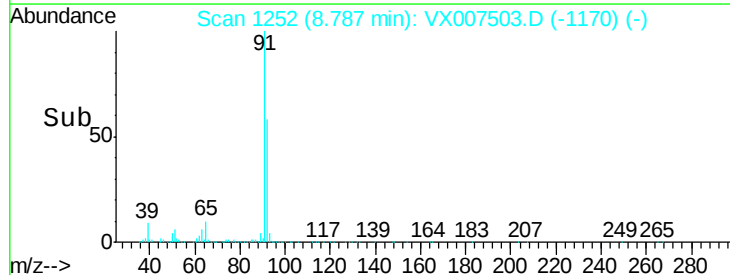
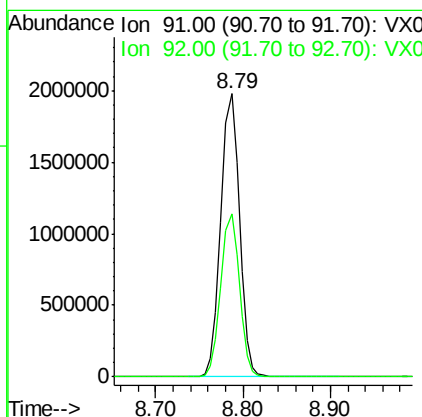
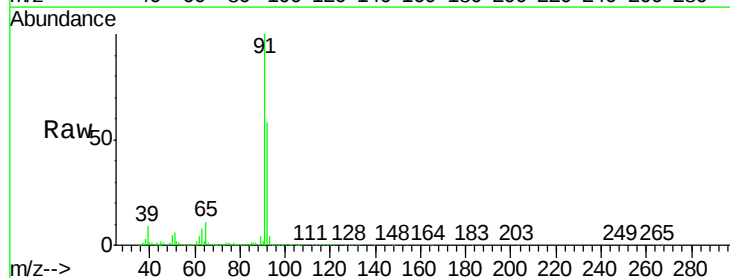
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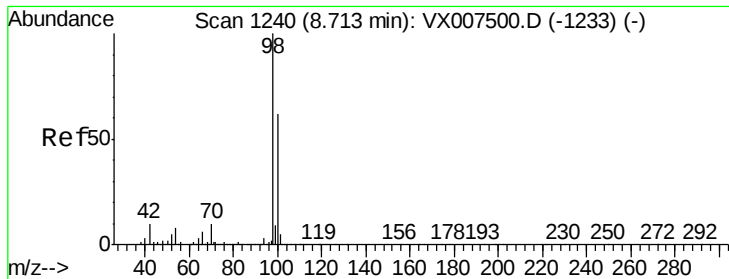
MMDadoda
2/13/2019 11:52:54 AM



#62
Toluene
Concen: 160.137 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.6	46.4	69.6





#63

Toluene-d8

Concen: 30.046 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 98 Resp: 486303

Ion Ratio Lower Upper

98 100

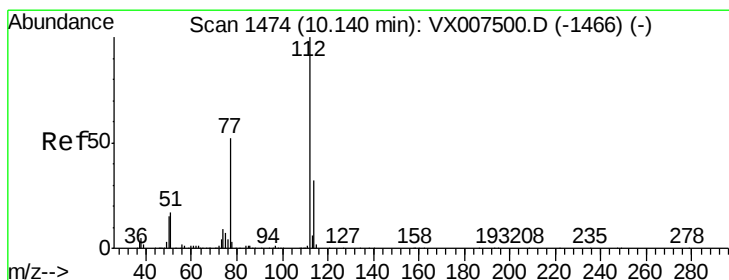
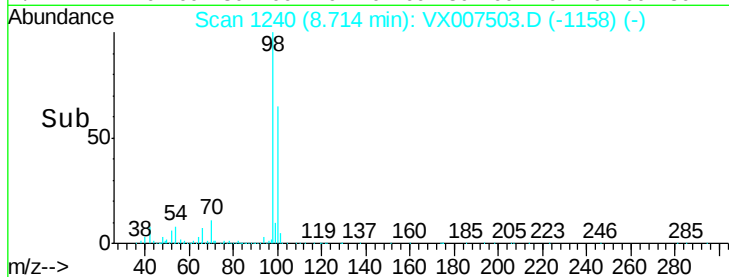
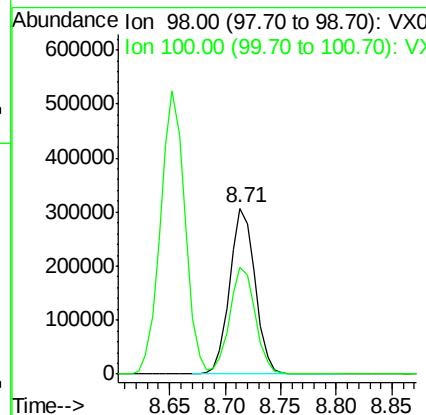
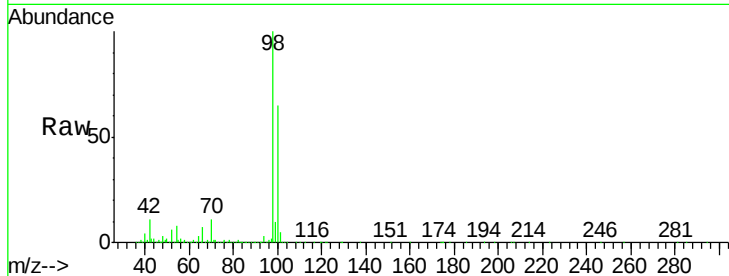
100 64.9 50.9 76.3

Manual Integrations

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MMDadoda

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#64

Chlorobenzene

Concen: 156.604 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007503.D

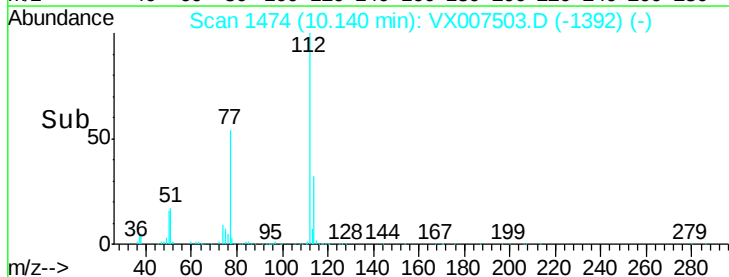
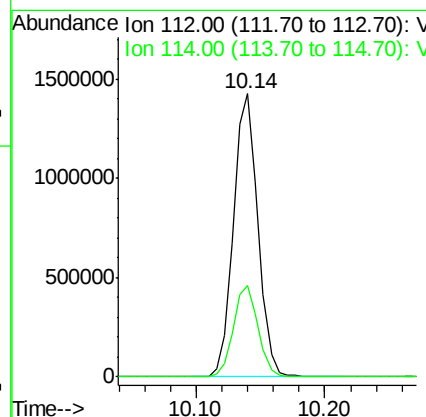
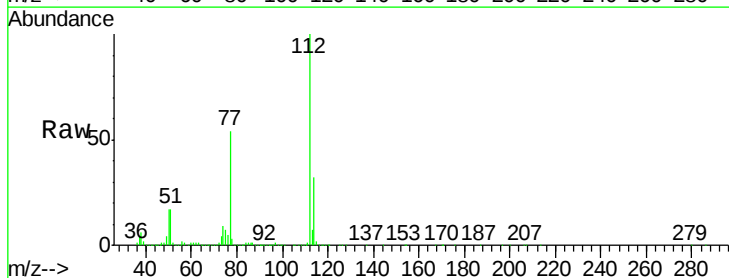
Acq: 13 Feb 2019 00:22

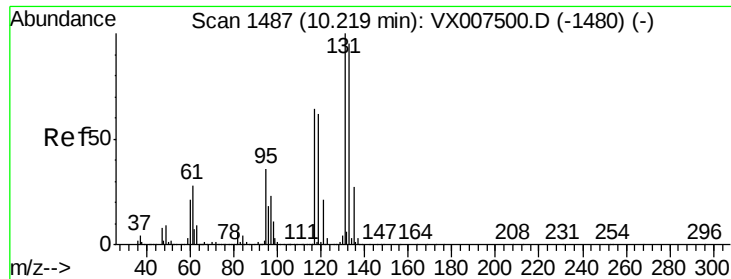
Tgt Ion: 112 Resp: 1900041

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.2





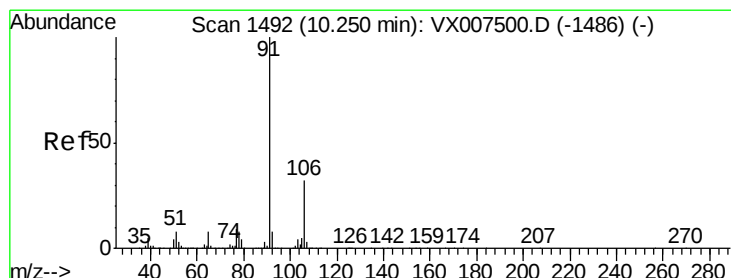
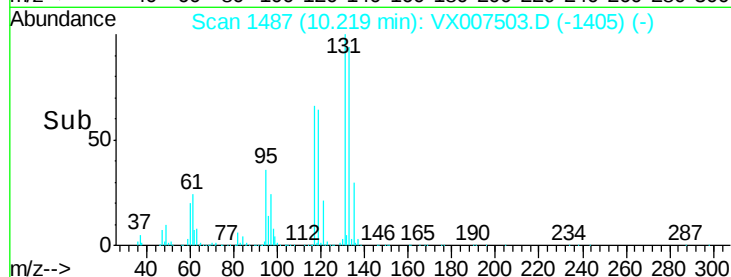
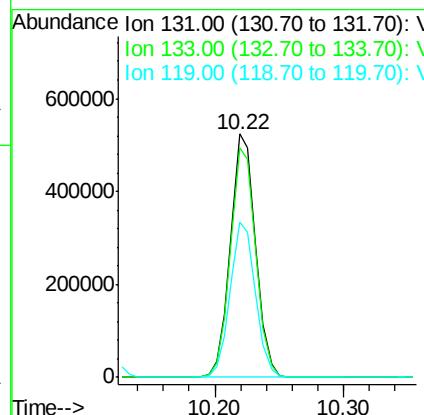
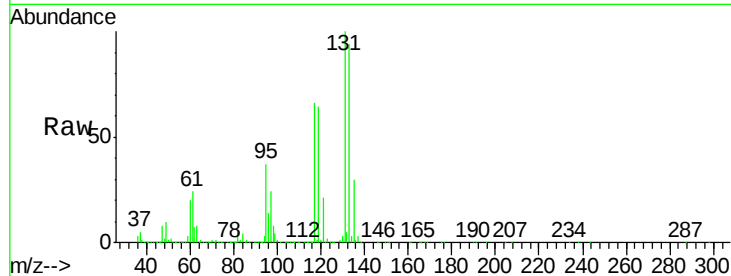
#65
 1,1,1,2-Tetrachloroethane
 Concen: 166.267 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	718708		
133	95.0	0.0	191.6	
119	64.2	0.0	127.4	

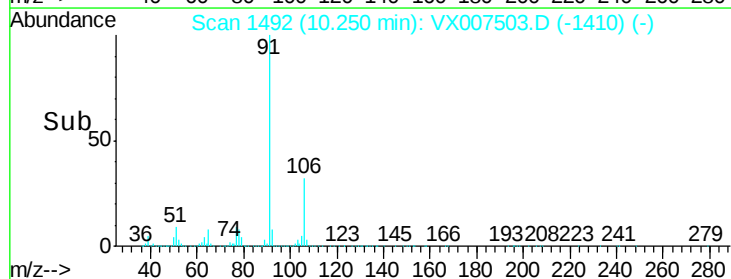
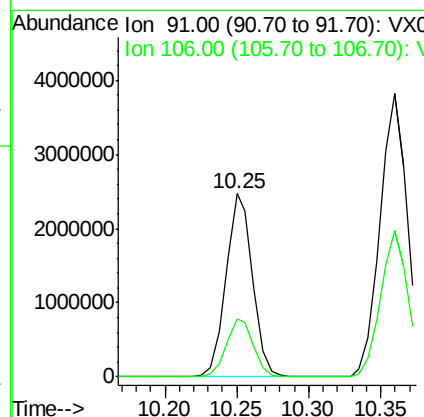
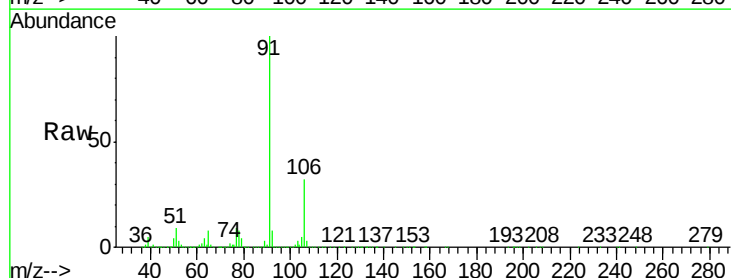
Manual Integrations
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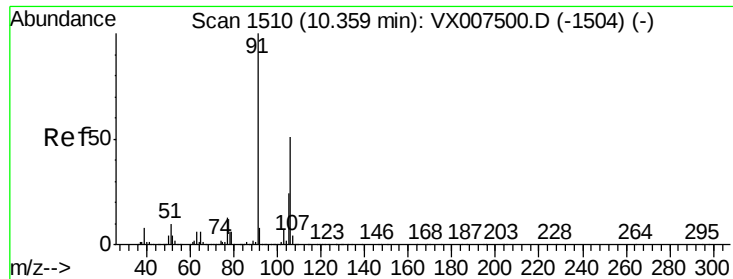
MMDadoda
 2/13/2019 11:52:54 AM



#66
 Ethyl Benzene
 Concen: 160.606 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	3183928		
106	31.7	26.0	39.0	





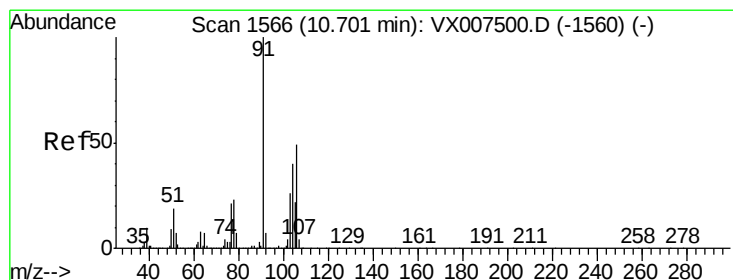
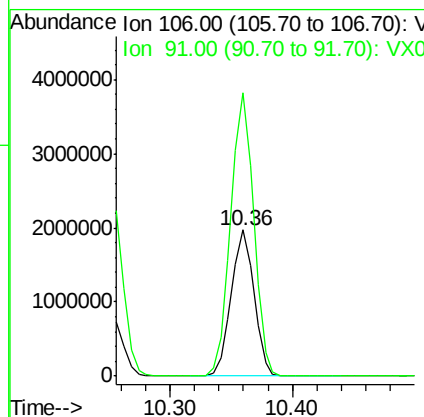
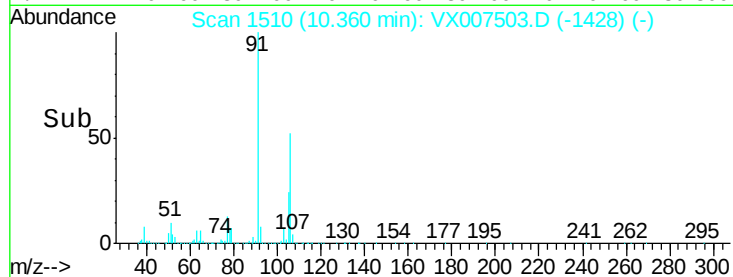
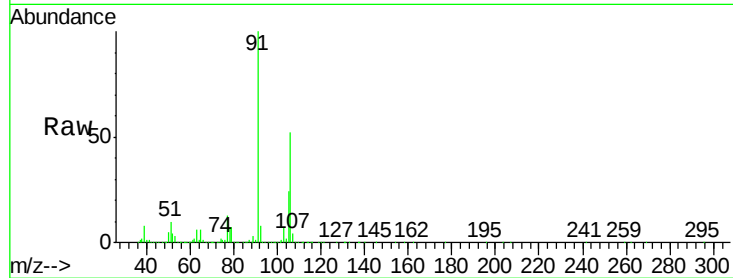
#67
m/p-Xylenes
Concen: 325.180 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 2538692
Ion Ratio Lower Upper
106 100
91 195.1 157.0 235.4

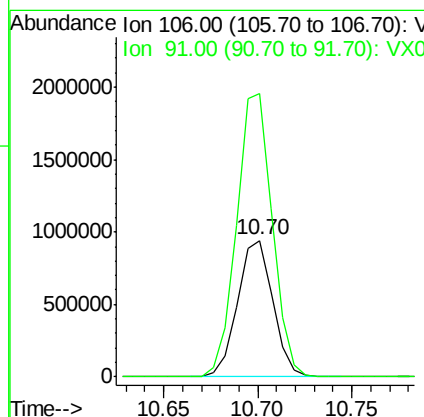
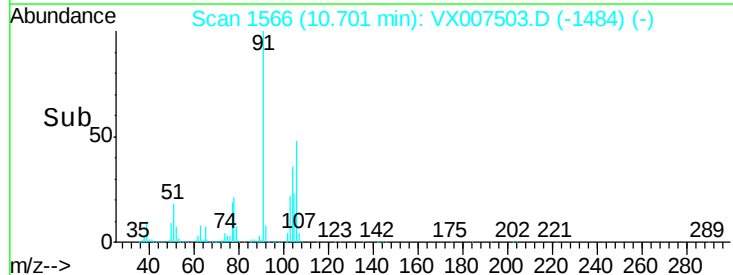
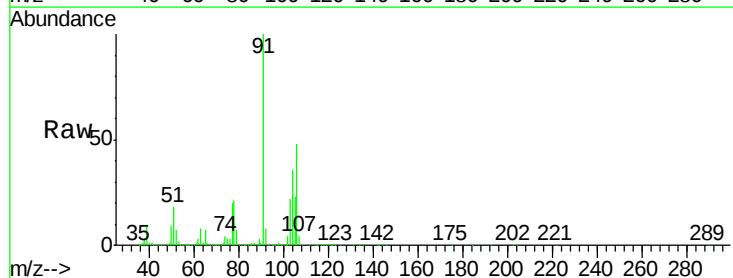
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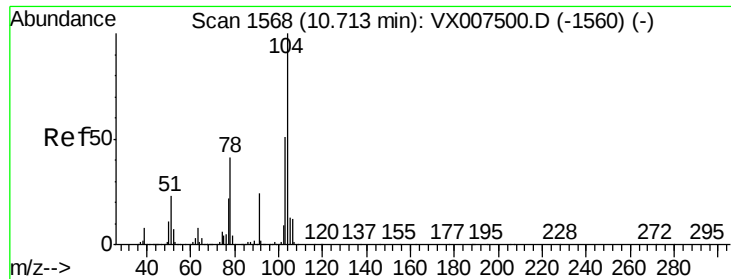
MMDadoda
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#68
o-Xylene
Concen: 159.817 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion:106 Resp: 1222646
Ion Ratio Lower Upper
106 100
91 209.3 104.4 313.2





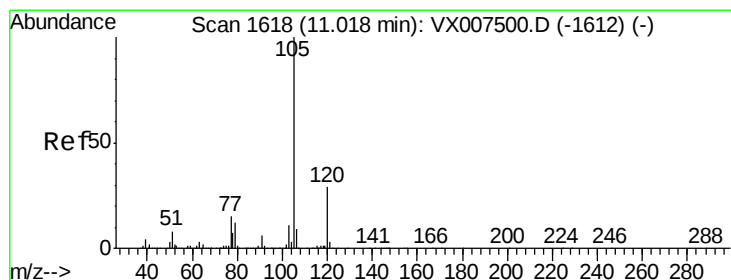
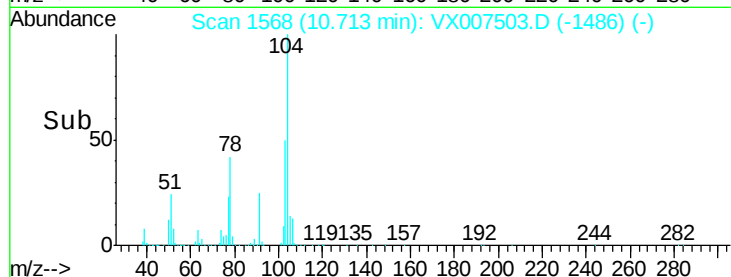
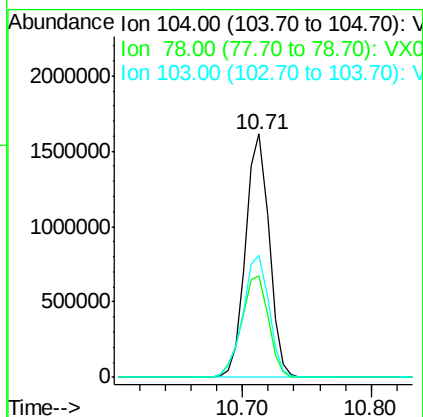
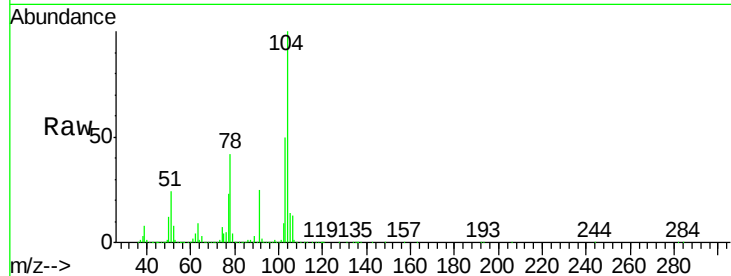
#69
Stvrene
Concen: 165.074 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.8	38.2	57.2	
103	55.6	45.0	67.4	

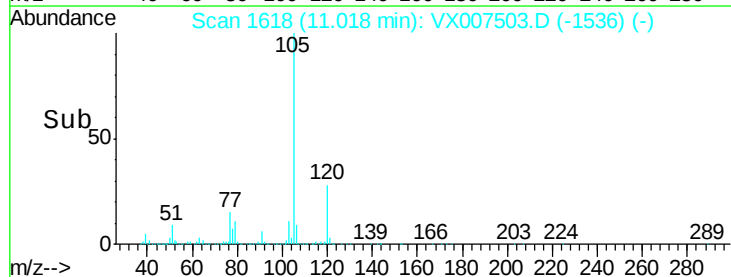
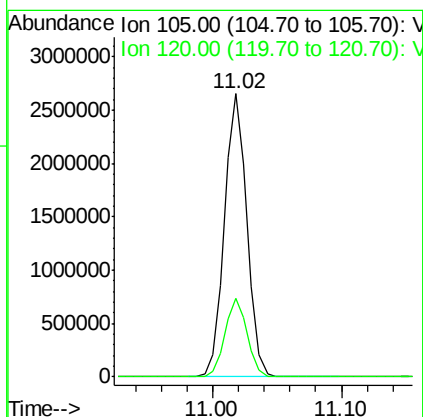
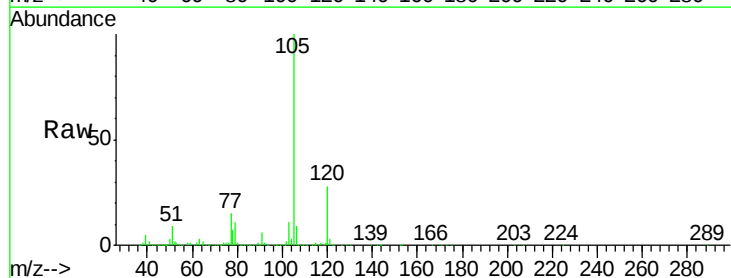
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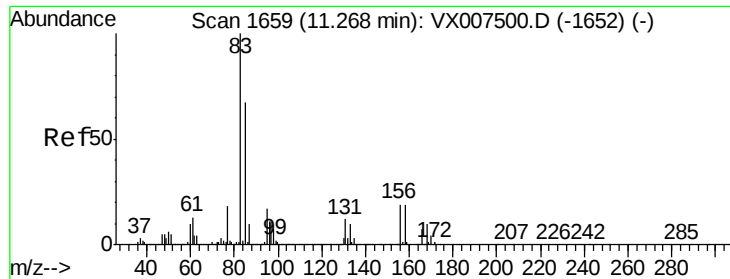
MMDadoda
2/13/2019 11:52:54 AM



#70
Isopropylbenzene
Concen: 160.859 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	27.6	19.8	36.8	





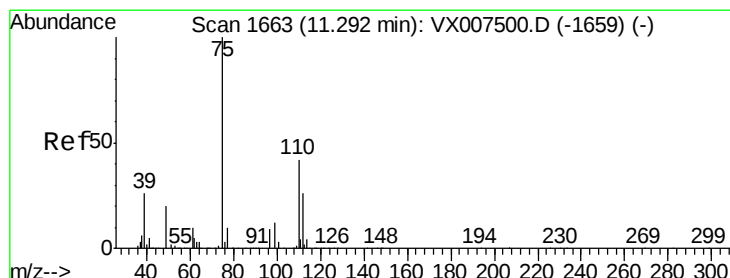
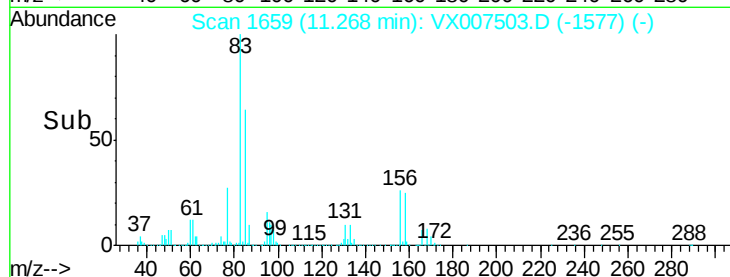
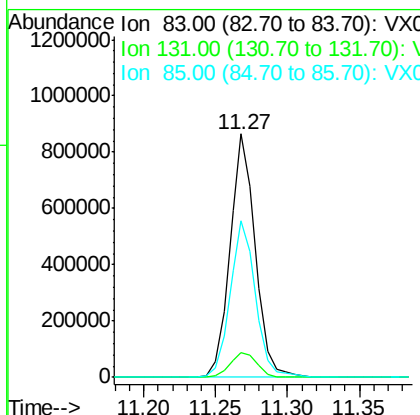
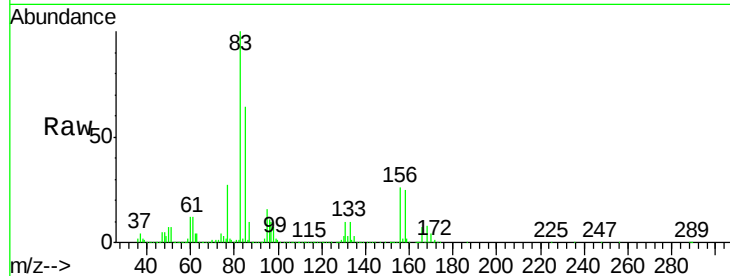
#71
 1,1,2,2-Tetrachloroethane
 Concen: 163.092 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	64.5	32.8	98.4

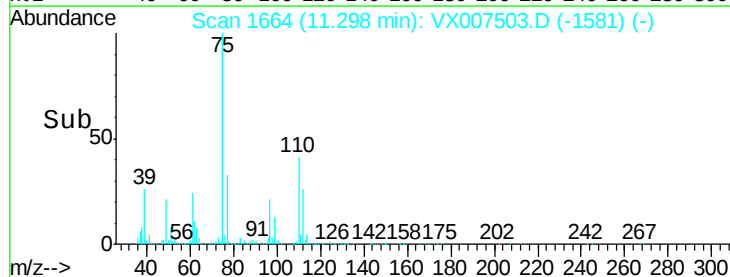
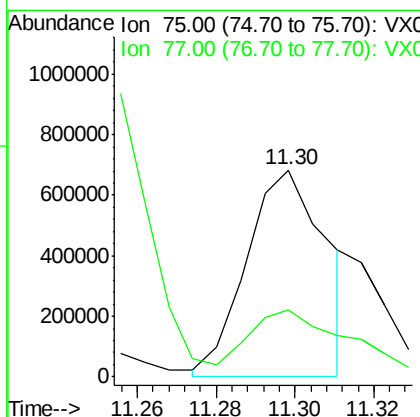
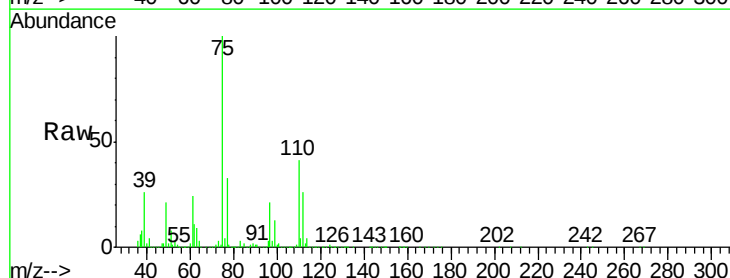
Manual Integrations
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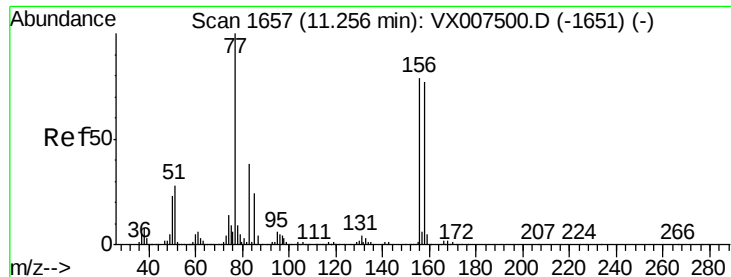
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 2/13/2019 11:52:54 AM



#72
 1,2,3-Trichloropropane
 Concen: 157.564 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.9	0.0	76.4





#73

Bromobenzene

Concen: 157.817 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

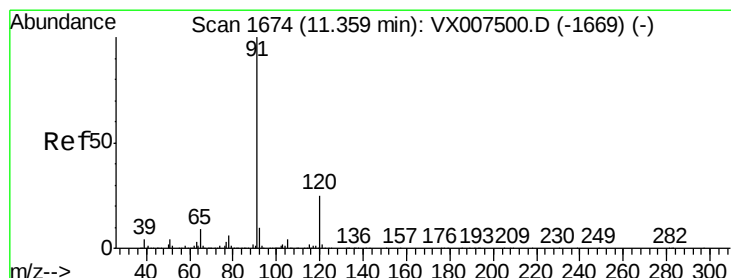
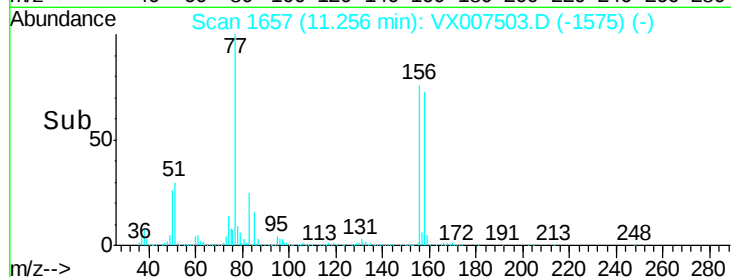
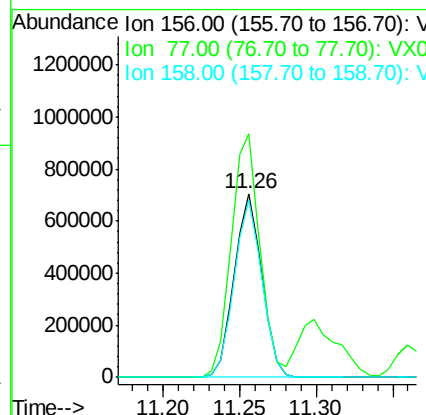
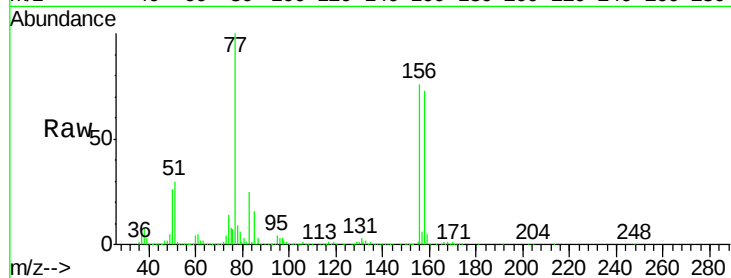
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.9	0.0	271.4
158	96.7	0.0	194.0

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#74

n-propylbenzene

Concen: 161.748 ug/l

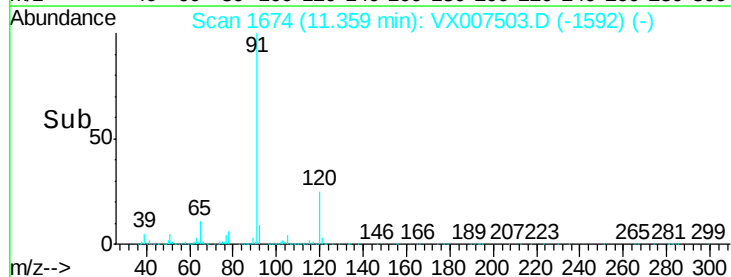
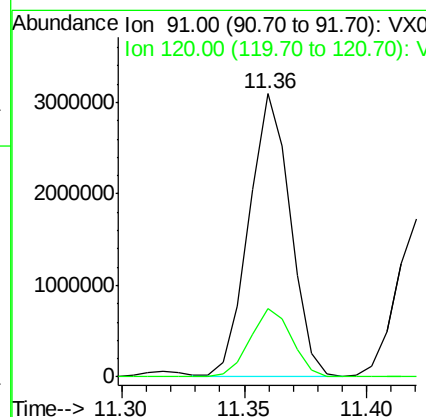
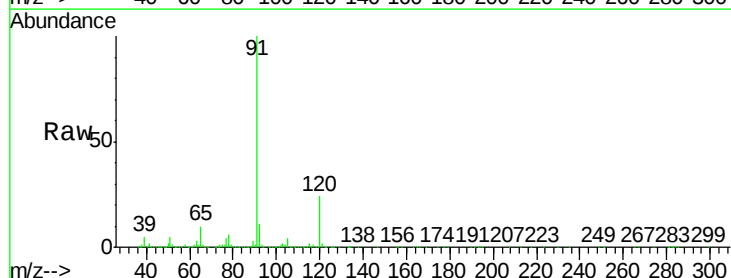
RT: 11.36 min Scan# 1674

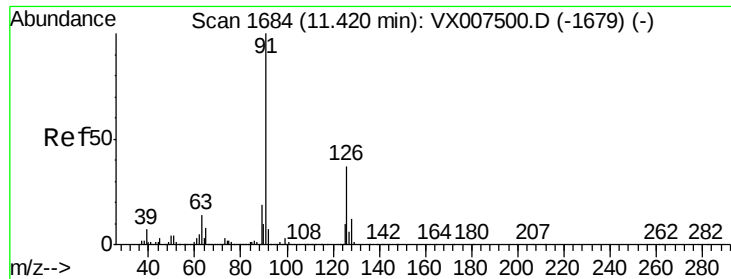
Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	48.6





#75

2-Chlorotoluene

Concen: 158.525 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2135172

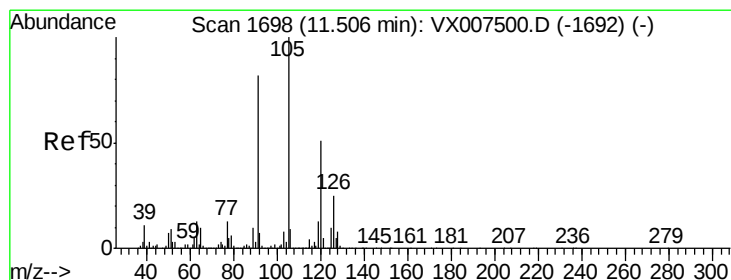
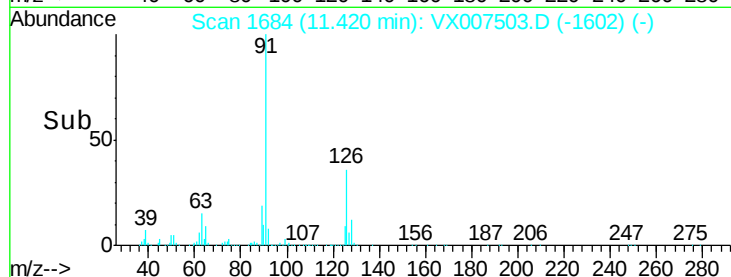
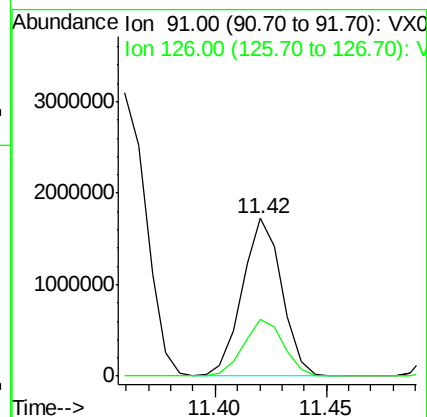
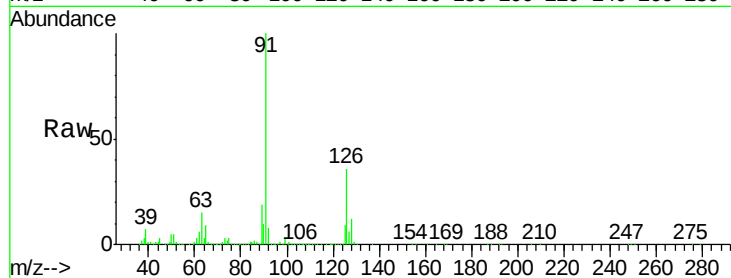
Ion Ratio Lower Upper

91 100

126 36.5 0.0 75.2

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#76

1,3,5-Trimethylbenzene

Concen: 161.553 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007503.D

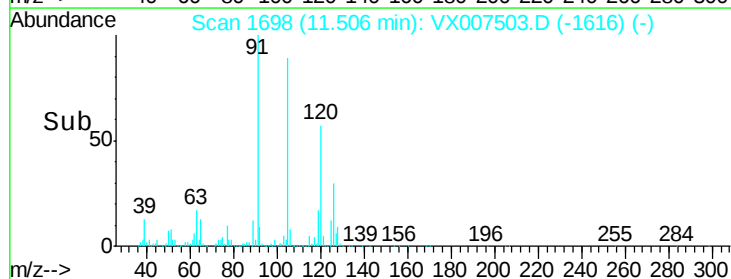
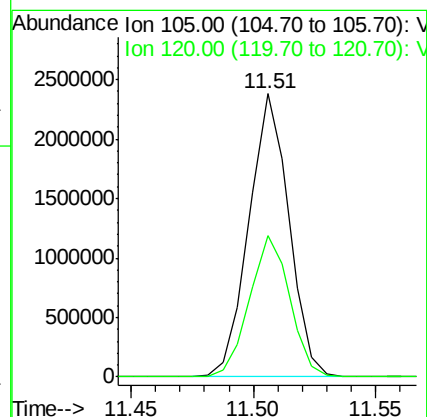
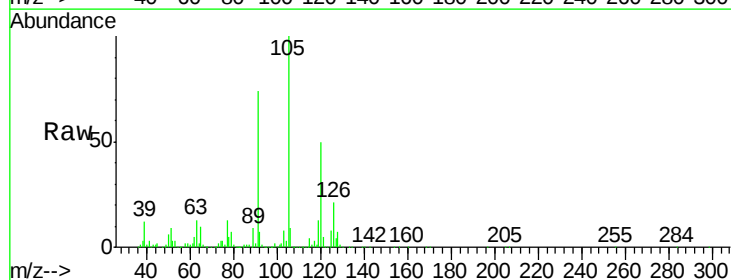
Acq: 13 Feb 2019 00:22

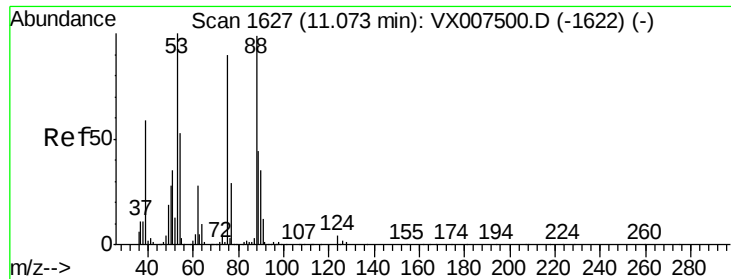
Tgt Ion: 105 Resp: 2714099

Ion Ratio Lower Upper

105 100

120 50.2 0.0 101.0





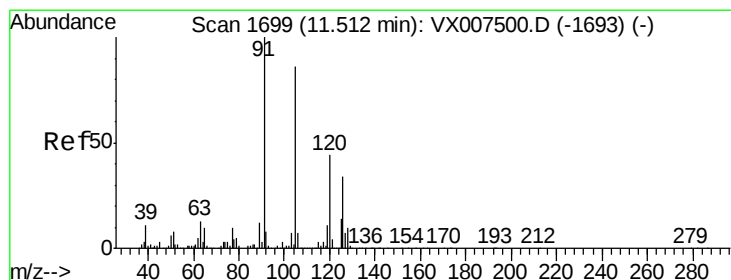
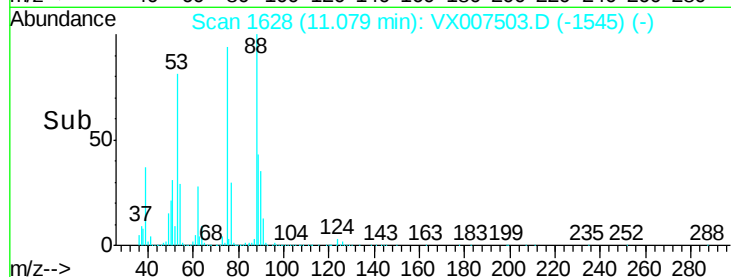
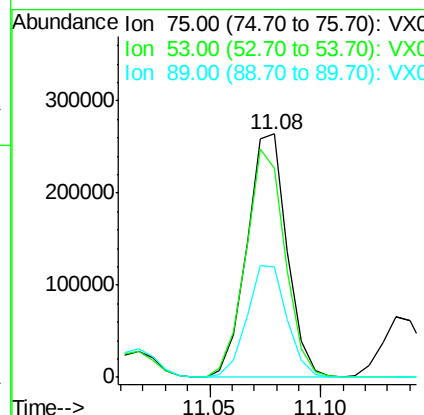
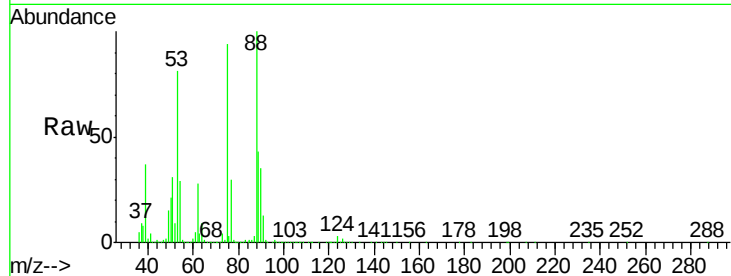
#77
t-1,4-Dichloro-2-butene
Concen: 186.073 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.6	55.5	166.7
89	45.4	24.4	73.2

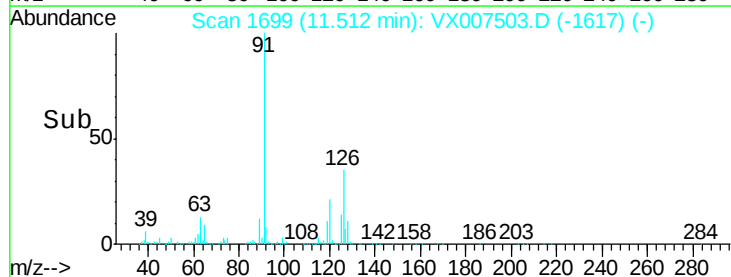
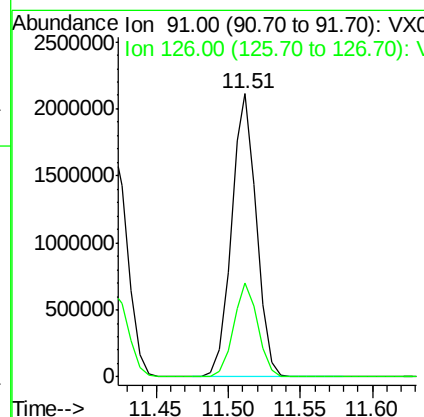
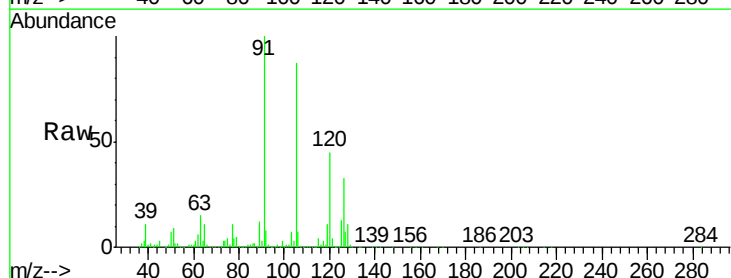
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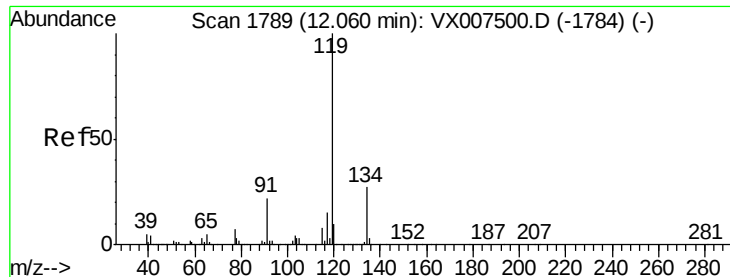
MMDadoda
2/13/2019 11:52:54 AM



#78
4-Chlorotoluene
Concen: 164.130 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	0.0	66.2





#79

tert-butylbenzene

Concen: 160.185 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 2906098

Ion Ratio Lower Upper

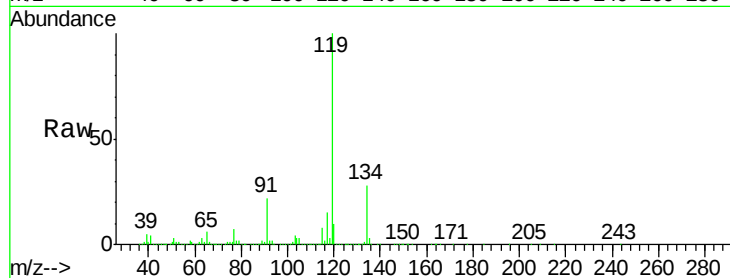
119 100

91 22.9 0.0 45.0

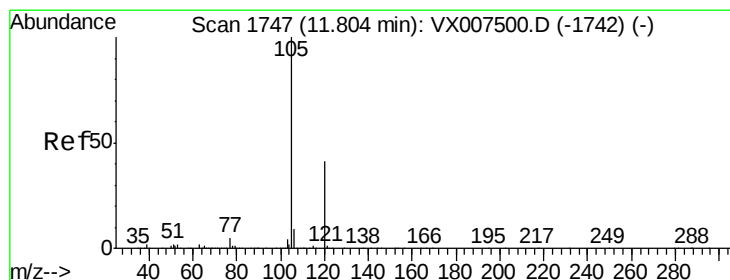
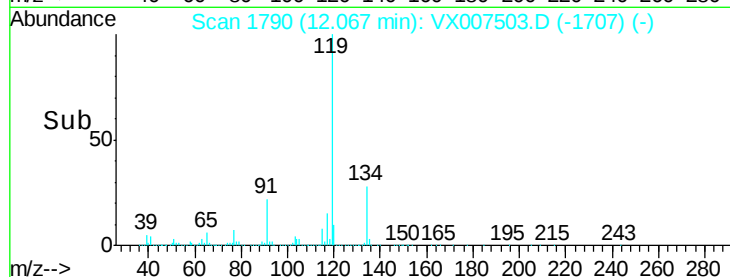
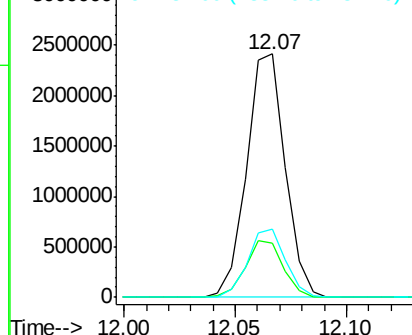
134 27.6 0.0 55.4

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 160.536 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007503.D

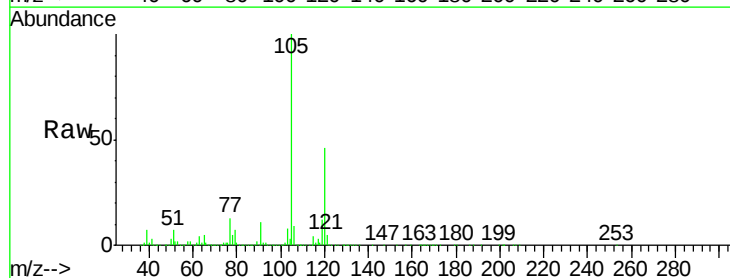
Acq: 13 Feb 2019 00:22

Tgt Ion:105 Resp: 2730737

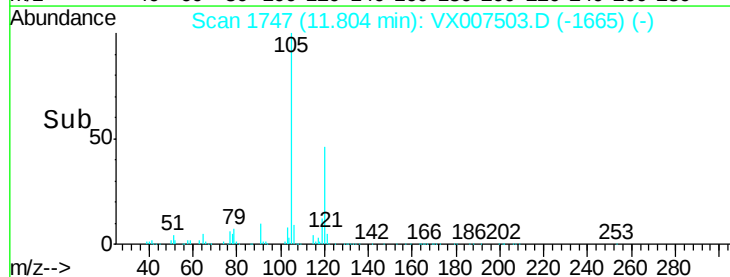
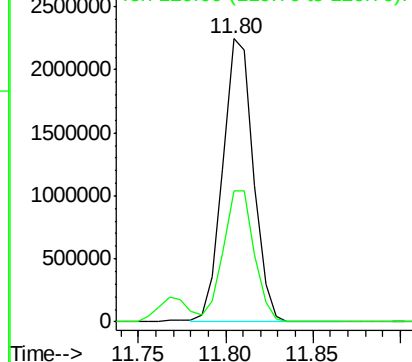
Ion Ratio Lower Upper

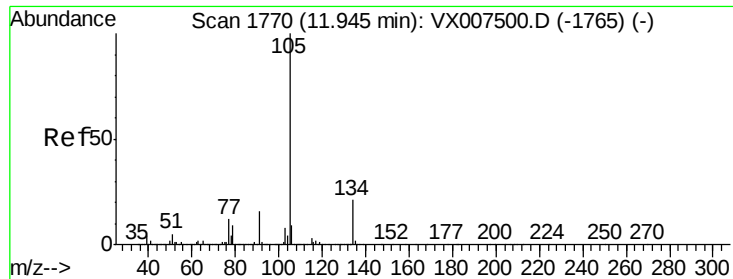
105 100

120 46.7 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 160.679 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3246119

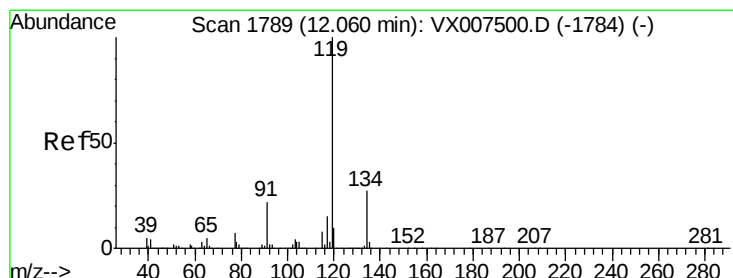
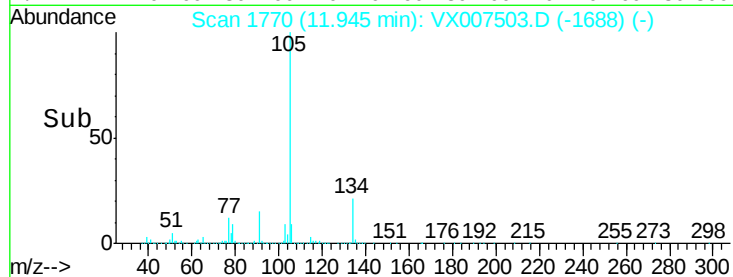
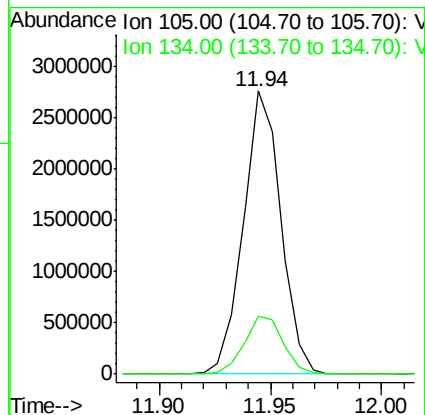
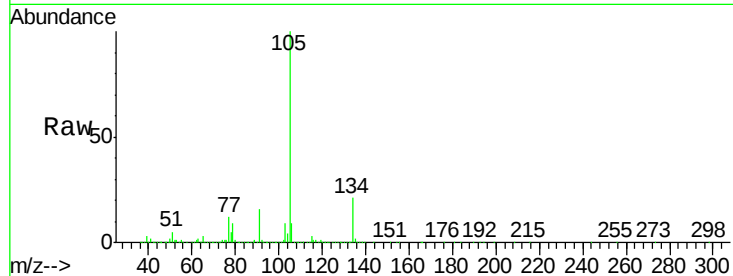
Ion Ratio Lower Upper

105 100

134 21.3 0.0 41.8

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#82

p-Isopropyltoluene

Concen: 160.185 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

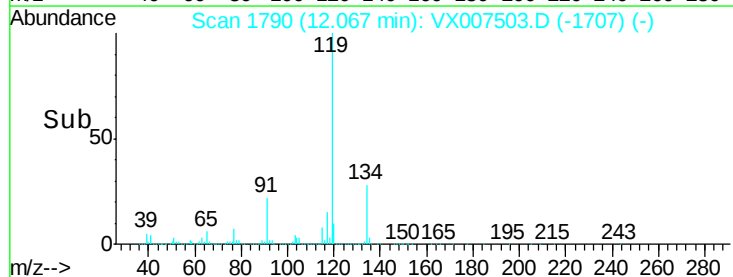
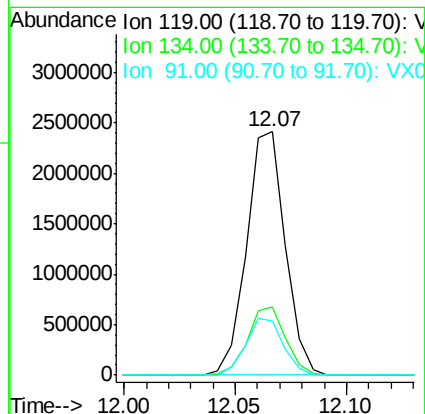
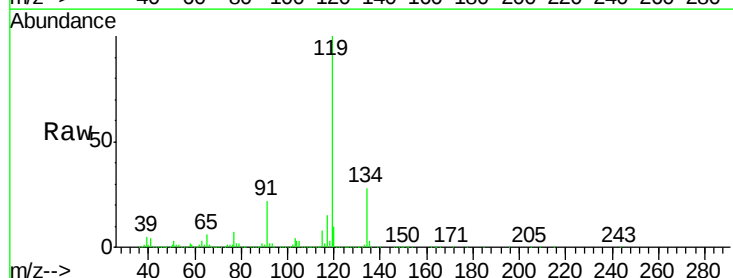
Tgt Ion:119 Resp: 2906098

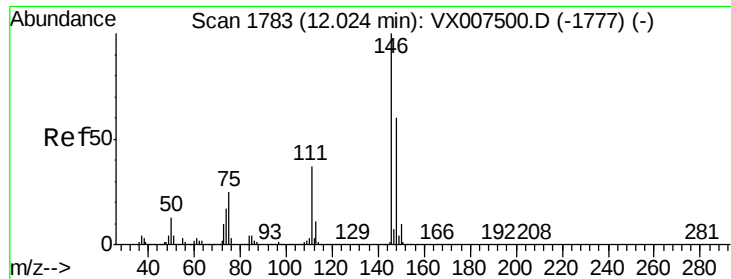
Ion Ratio Lower Upper

119 100

134 27.6 0.0 55.4

91 22.9 0.0 45.0





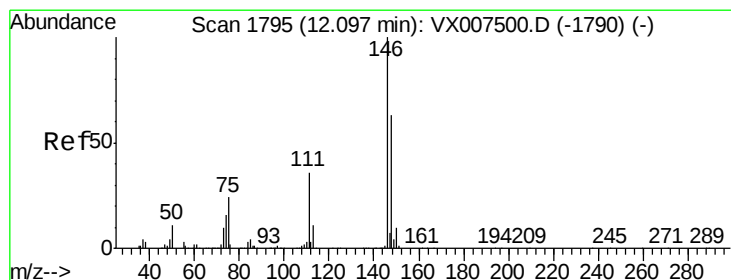
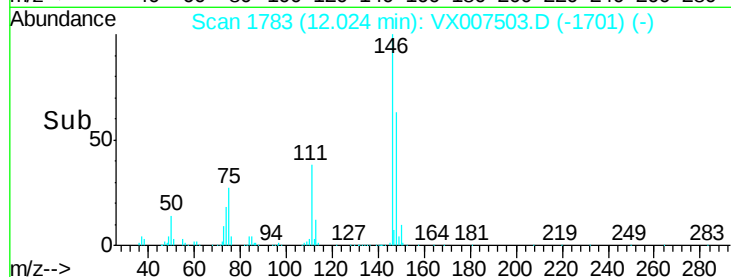
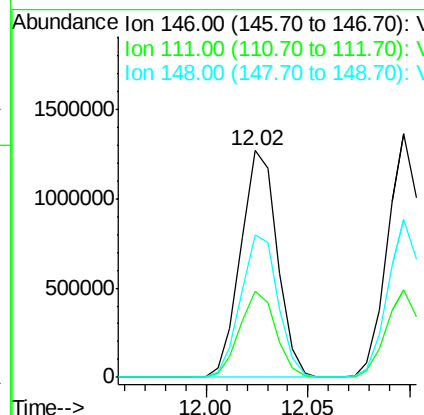
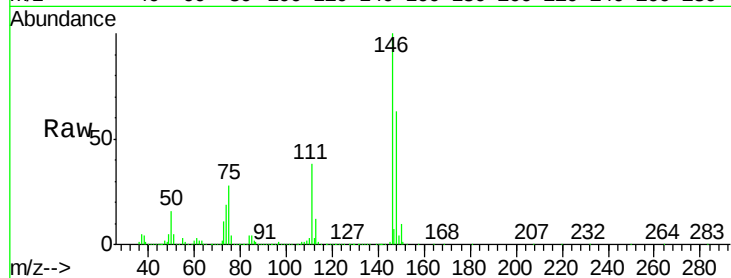
#83
 1,3-Dichlorobenzene
 Concen: 159.656 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.3
148	63.8	30.6	91.8

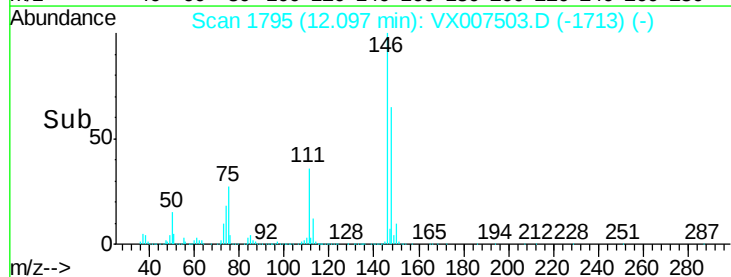
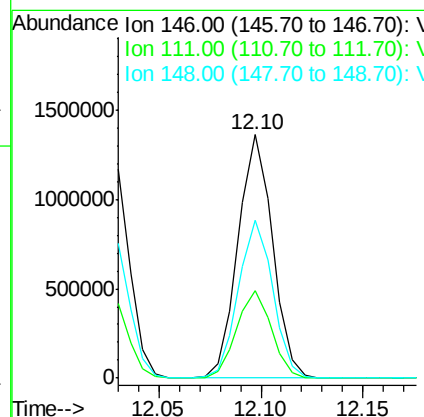
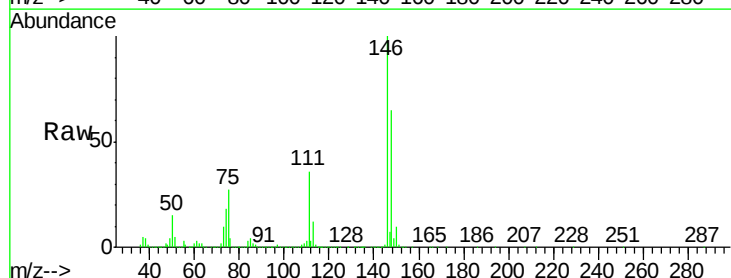
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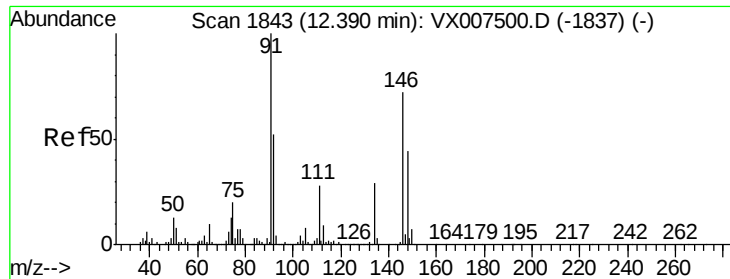
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#84
 1,4-Dichlorobenzene
 Concen: 160.951 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	17.6	52.8
148	64.8	31.4	94.2





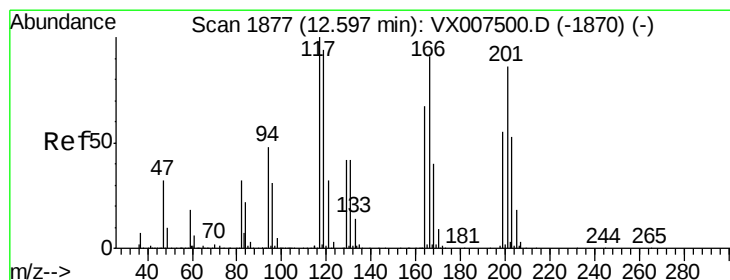
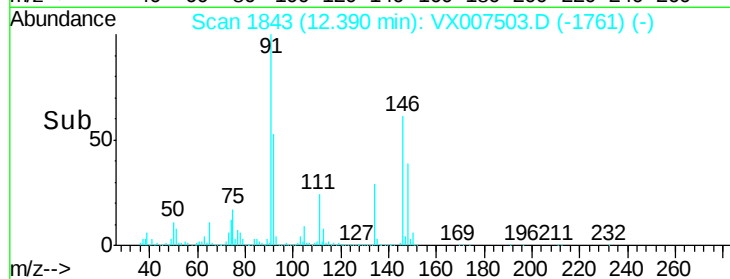
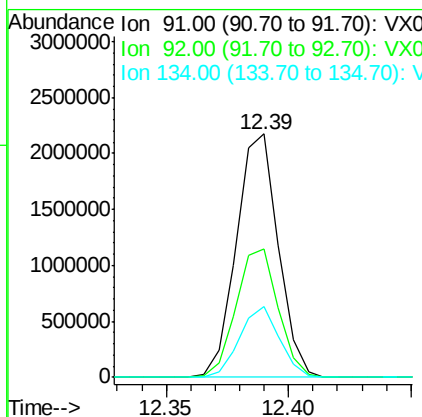
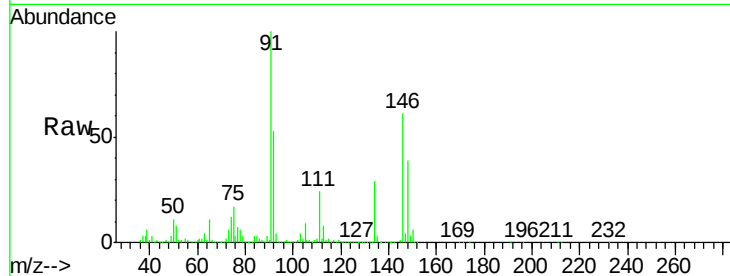
#85
n-Butylbenzene
Concen: 166.445 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	0.0	105.2
134	28.0	0.0	56.4

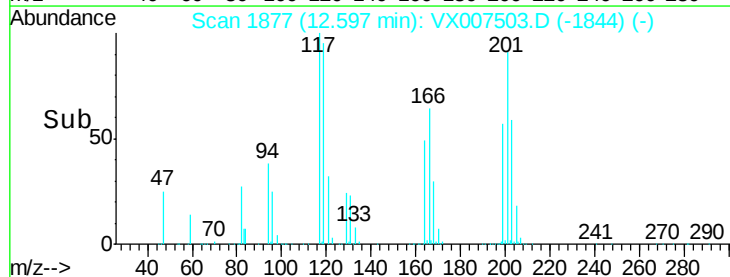
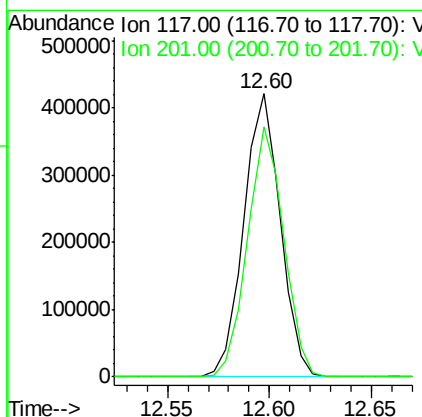
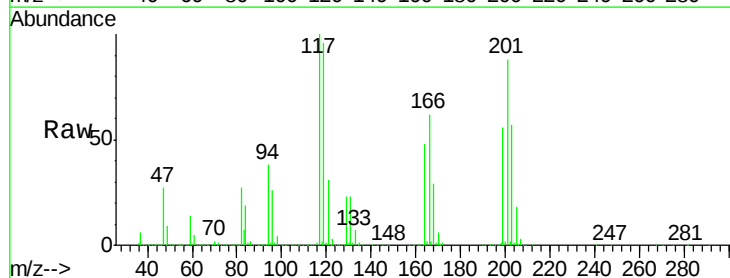
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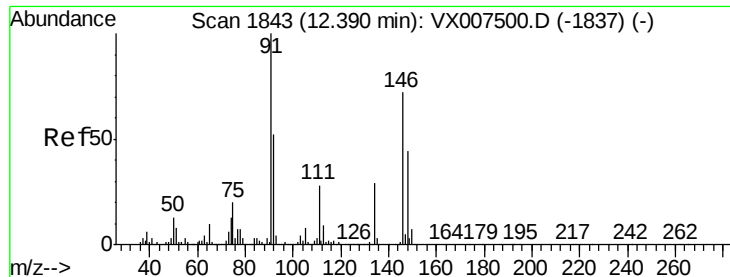
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#86
Hexachloroethane
Concen: 182.272 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	41.1	123.3





#87

1,2-Dichlorobenzene

Concen: 160.939 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

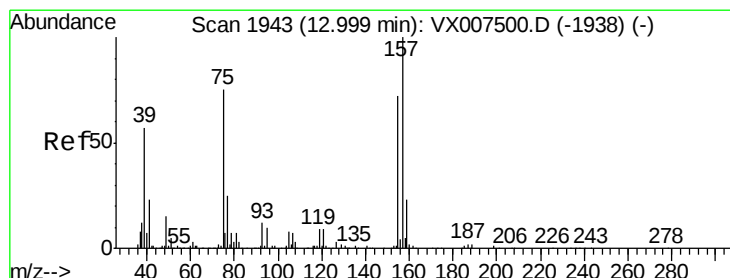
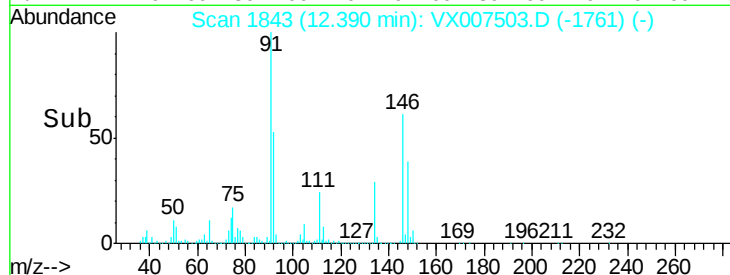
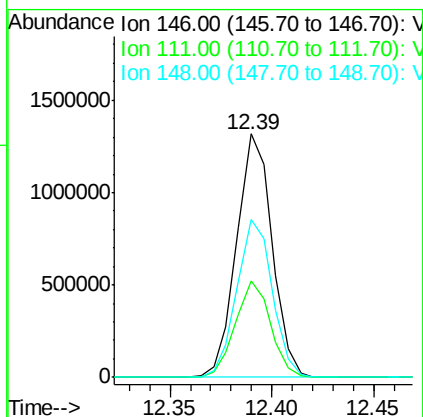
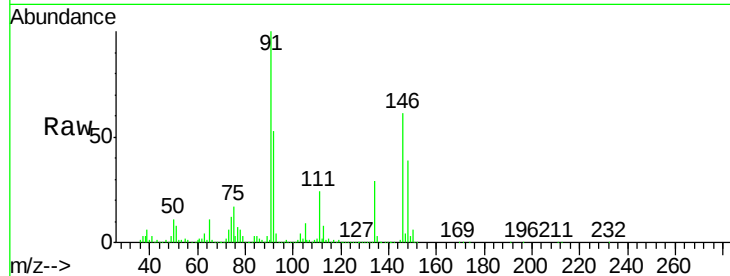
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	1593512
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	65.1	32.1	96.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 181.940 ug/l

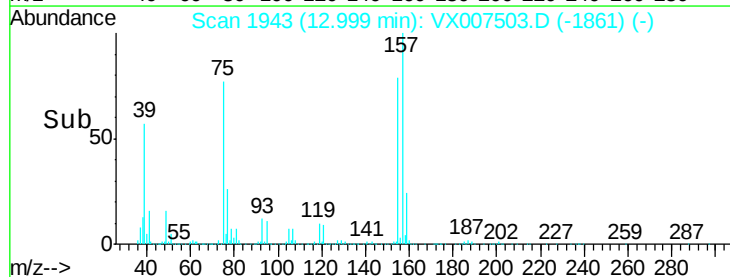
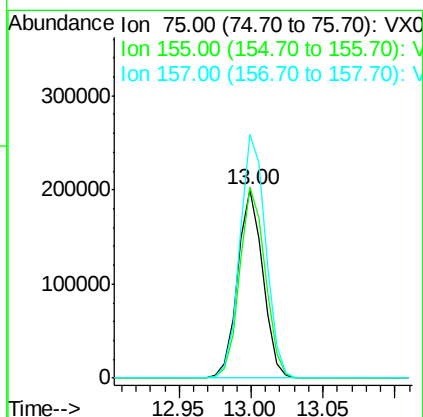
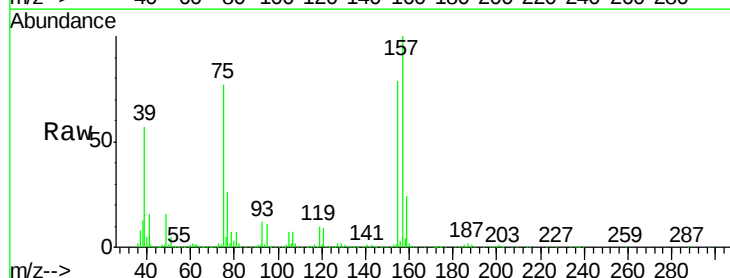
RT: 13.00 min Scan# 1943

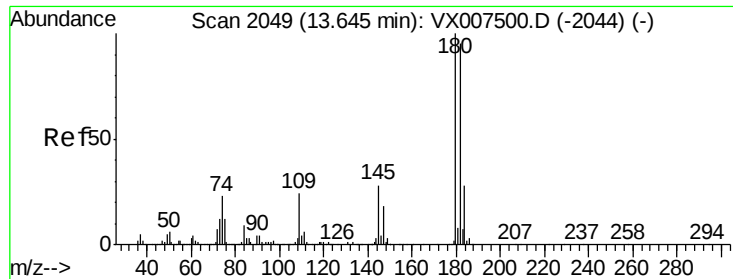
Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion:	75	Resp:	243336
Ion	Ratio	Lower	Upper
75	100		
155	102.2	81.0	121.6
157	131.8	103.2	154.8





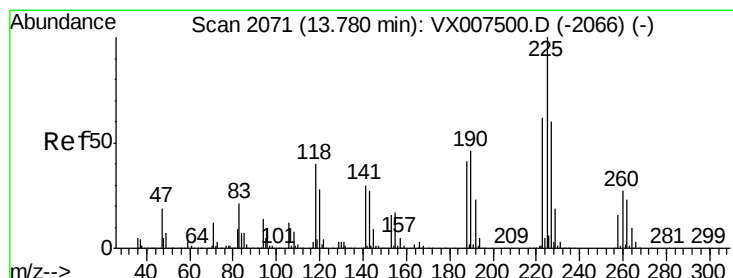
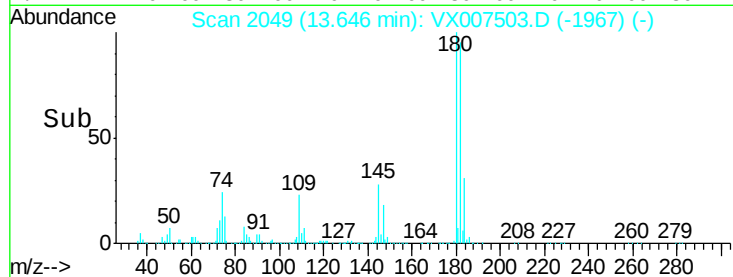
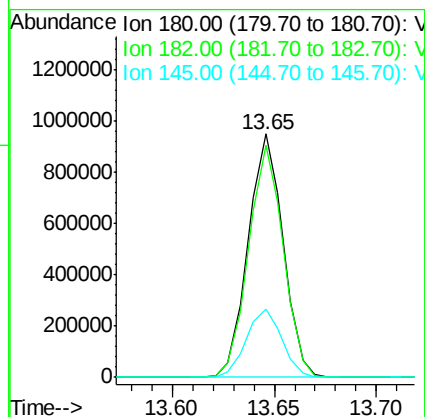
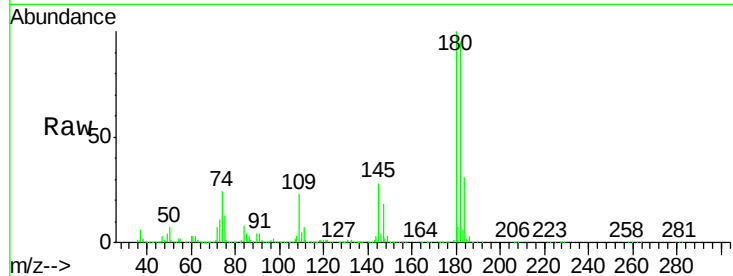
#89
 1,2,4-Trichlorobenzene
 Concen: 168.134 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.6	113.4
145	28.5	23.0	34.6

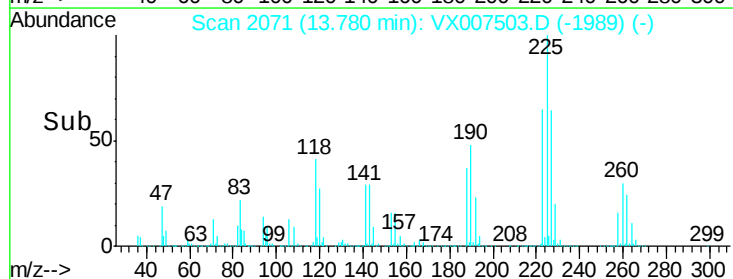
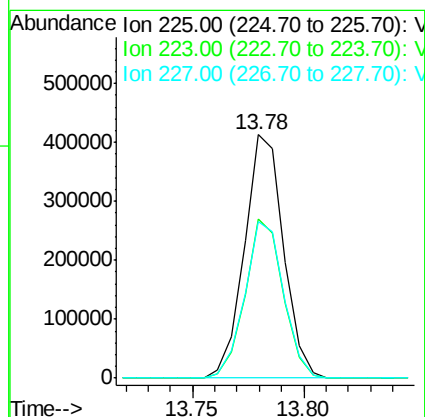
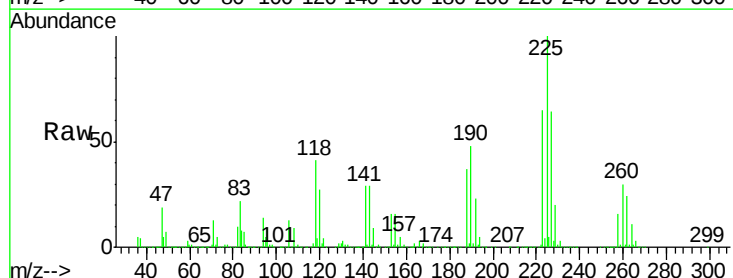
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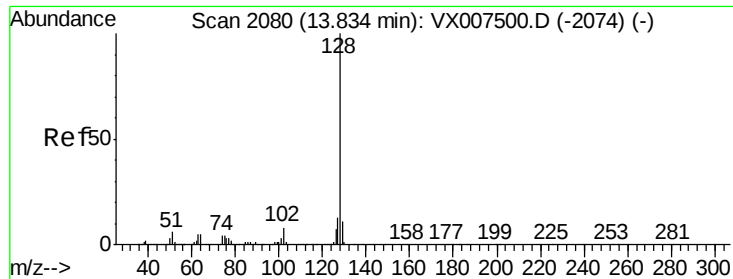
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 2/13/2019 11:52:54 AM



#90
 Hexachlorobutadiene
 Concen: 157.574 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	123.8
227	64.3	0.0	124.4





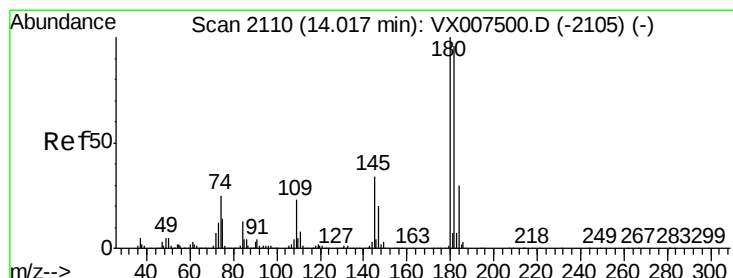
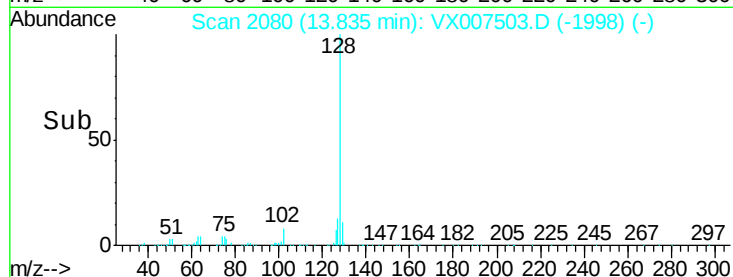
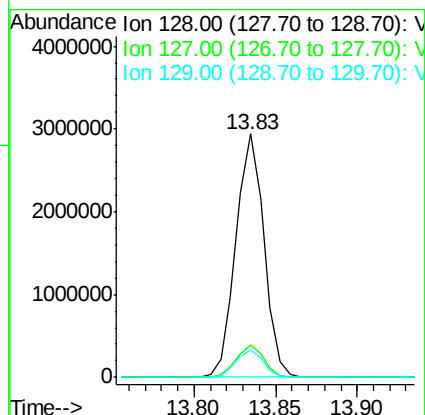
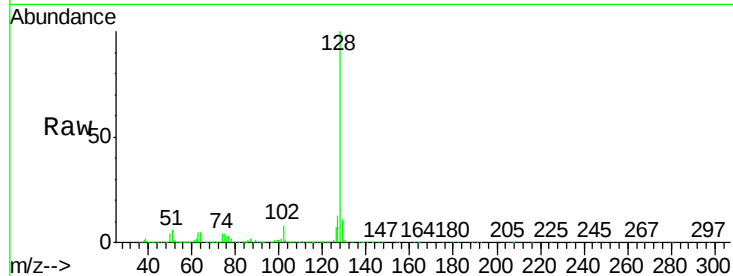
#91
Naphthalene
Concen: 171.397 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 167.682 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	193.0
145	30.7	0.0	63.0

