

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007964.D
 Acq On : 11 Mar 2019 12:10
 Operator : JC/SP
 Sample : VX0311WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0311WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 1:10:03 PM

Quant Time: Mar 12 08:19:49 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri Mar 08 12:01:36 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	42232	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	223512	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	196358	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	81119	29.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.40%
60) 4-Bromofluorobenzene	11.13	95	93271	29.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.20%
63) Toluene-d8	8.71	98	270310	30.08	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.27%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	47374	18.895	ug/l 100
3) Chloromethane	1.33	50	49809	17.866	ug/l 98
4) Vinyl Chloride	1.41	62	50572	18.313	ug/l 99
5) Bromomethane	1.64	94	30622	22.241	ug/l 99
6) Chloroethane	1.73	64	29648	18.383	ug/l 96
7) Trichlorofluoromethane	1.93	101	64578	18.779	ug/l 97
8) Diethyl Ether	2.19	74	35209	19.881	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50756	19.631	ug/l 97
10) 1,1-Dichloroethene	2.38	96	48857	19.937	ug/l 96
11) Methyl Iodide	2.51	142	76011	19.814	ug/l 95
12) Methyl Acetate	2.78	43	73478	18.959	ug/l 95
13) Acrolein	2.30	56	48511	106.689	ug/l 99
14) Acrylonitrile	3.15	53	162092	98.522	ug/l 99
15) Acetone	2.45	58	50967	85.804	ug/l 95
16) Carbon Disulfide	2.57	76	149951	19.503	ug/l 99
17) Allyl chloride	2.73	41	98605	19.626	ug/l 91
18) Methylene Chloride	2.86	84	54282	19.443	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	52005	20.057	ug/l 98
20) Diisopropyl ether	3.87	45	178672	19.439	ug/l 92
21) 1,1-Dichloroethane	3.70	63	98509	19.706	ug/l 97
22) cis-1,2-Dichloroethene	4.60	96	58562	19.579	ug/l 91
23) tert-Butyl Alcohol	3.07	59	66460	100.130	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	168028	19.942	ug/l 95
25) Chloroform	5.21	83	93459	19.808	ug/l 95
26) Cyclohexane	5.58	56	88958	19.258	ug/l # 91
29) 1,1-Dichloropropene	5.80	75	70580	19.916	ug/l 96
30) 2-Butanone	4.70	43	228551	95.617	ug/l 98
31) 2,2-Dichloropropane	4.59	77	68270	20.856	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	77806	20.303	ug/l 99
33) Carbon Tetrachloride	5.79	117	69190	20.355	ug/l 93
34) Benzene	6.15	78	216346	19.920	ug/l 99
35) Methacrylonitrile	5.06	41	46023	19.759	ug/l 95
36) 1,2-Dichloroethane	6.20	62	70660	19.998	ug/l 99
37) Trichloroethene	7.21	130	60163	20.446	ug/l 99
38) Methylcyclohexane	7.46	83	87494	19.418	ug/l 95
39) 1,2-Dichloropropane	7.52	63	57242	20.210	ug/l 99
40) Dibromomethane	7.66	93	36676	20.414	ug/l 93

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Instrument :
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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.90	83	68133	20.063	ug/l	97
42) Vinyl Acetate	3.82	43	778503	100.616	ug/l	97
43) Ethyl Acetate	4.85	43	81792	19.645	ug/l #	82
44) Isopropyl Acetate	6.46	43	125202	19.709	ug/l	98
45) 1,4-Dioxane	7.75	88	26568	399.736	ug/l	91
46) Methyl methacrylate	7.77	41	65677	19.658	ug/l	91
47) n-amyl Acetate	10.90	43	106270	19.415	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	73078	19.870	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	82166	19.730	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	55325	20.202	ug/l	93
51) Ethyl methacrylate	9.18	69	81931	19.728	ug/l	94
52) 1,3-Dichloropropane	9.37	76	90873	20.083	ug/l	100
53) Dibromochloromethane	9.58	129	56952	20.218	ug/l	99
54) 1,2-Dibromoethane	9.67	107	58280	20.356	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	199031	103.038	ug/l	99
56) Bromoform	10.85	173	45041	20.046	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	417707	103.323	ug/l	99
59) 2-Hexanone	9.49	43	319667	100.171	ug/l	99
61) Tetrachloroethene	9.34	164	59622	20.815	ug/l	96
62) Toluene	8.79	91	227643	19.854	ug/l	99
64) Chlorobenzene	10.14	112	145758	19.946	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	54234	20.728	ug/l	99
66) Ethyl Benzene	10.25	91	241534	19.612	ug/l	99
67) m/p-Xylenes	10.36	106	187887	39.787	ug/l	97
68) o-Xylene	10.69	106	91042	19.854	ug/l	99
69) Styrene	10.71	104	149993	19.852	ug/l	99
70) Isopropylbenzene	11.02	105	244378	19.944	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	81653	20.177	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	79649m	20.880	ug/l	
73) Bromobenzene	11.26	156	66110	20.294	ug/l	97
74) n-propylbenzene	11.36	91	272205	19.694	ug/l	99
75) 2-Chlorotoluene	11.42	91	163911	19.785	ug/l	96
76) 1,3,5-Trimethylbenzene	11.51	105	202742	19.965	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	23238	19.717	ug/l	90
78) 4-Chlorotoluene	11.51	91	185549	19.810	ug/l	96
79) tert-butylbenzene	12.06	119	216360	19.854	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	206143	20.001	ug/l	98
81) sec-Butylbenzene	11.94	105	240292	19.686	ug/l	99
82) p-Isopropyltoluene	12.06	119	216360	19.854	ug/l	97
83) 1,3-Dichlorobenzene	12.02	146	114856	19.803	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	114163	19.674	ug/l	99
85) n-Butylbenzene	12.38	91	174484	18.722	ug/l	99
86) Hexachloroethane	12.60	117	34424	19.387	ug/l	80
87) 1,2-Dichlorobenzene	12.39	146	114302	19.941	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16288	19.704	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	80516	19.546	ug/l	99
90) Hexachlorobutadiene	13.78	225	44592	19.627	ug/l	99
91) Naphthalene	13.83	128	234856	19.889	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	80473	19.654	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

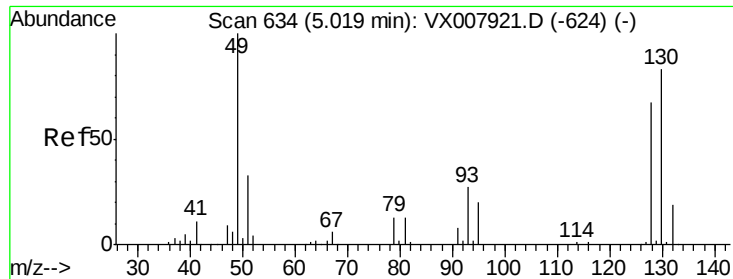
Manual Integrations
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QLast Update : Fri Mar 08 12:01:36 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

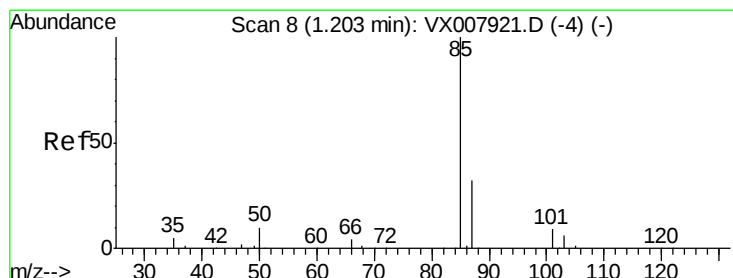
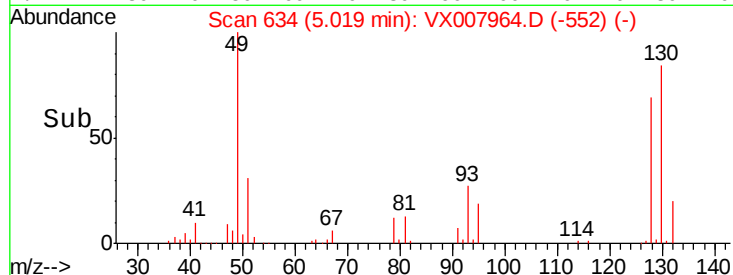
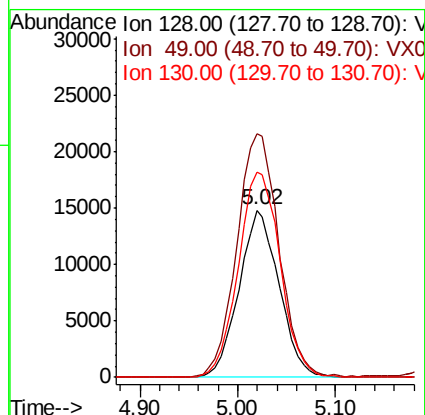
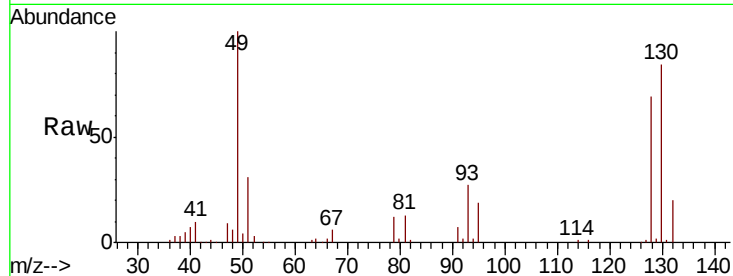
ClientSampleId :

VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
49	152.7	0.0	350.8
130	128.8	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 18.895 ug/l

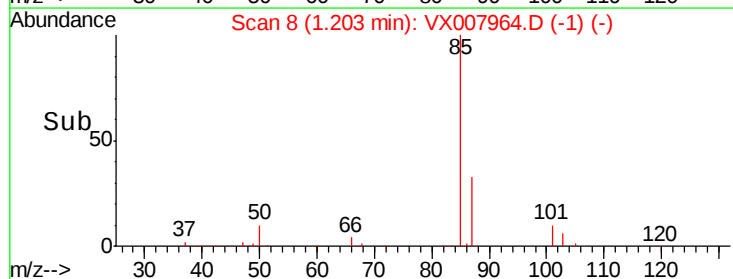
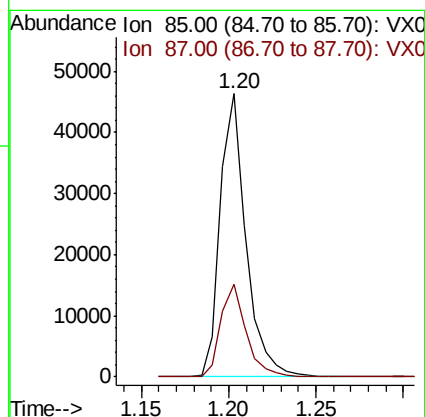
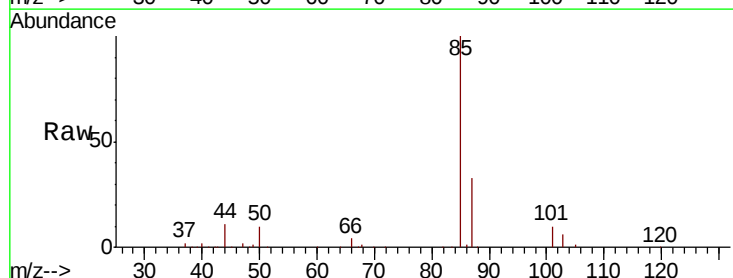
RT: 1.20 min Scan# 8

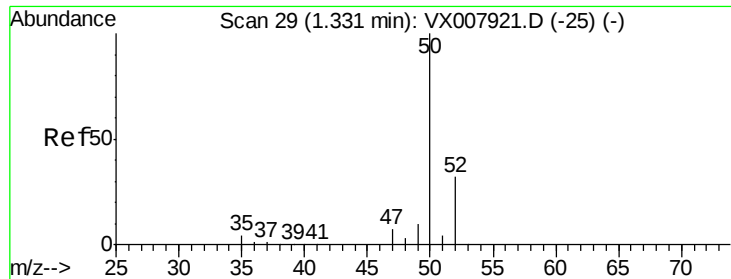
Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.6	49.8





#3

Chloromethane

Concen: 17.866 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 50 Resp: 49809

Ion Ratio Lower Upper

50 100

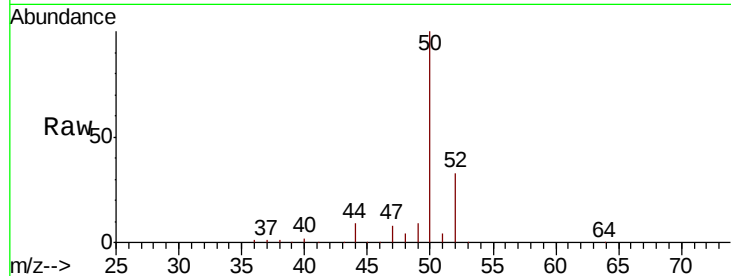
52 33.1 27.5 41.3

Manual Integrations

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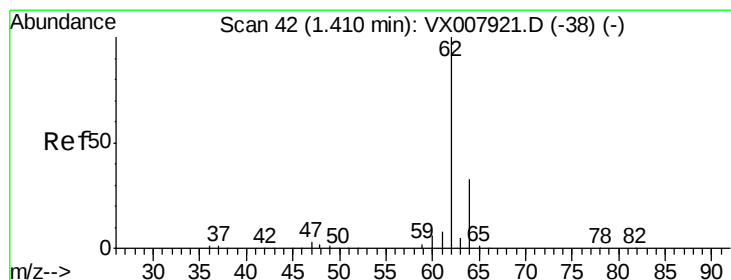
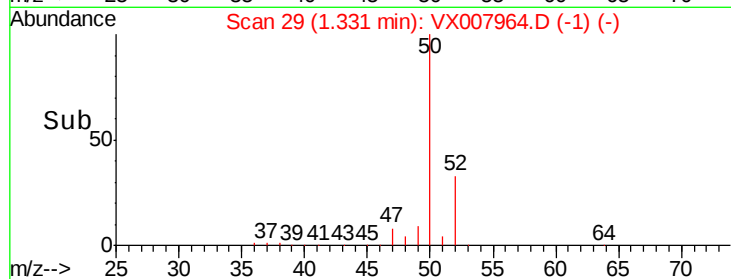
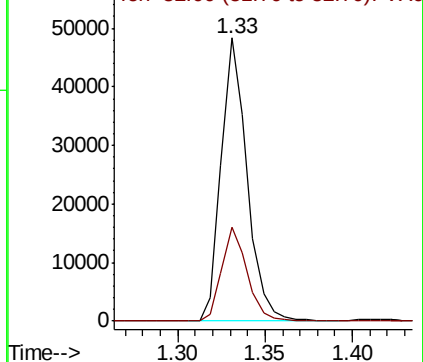
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.313 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007964.D

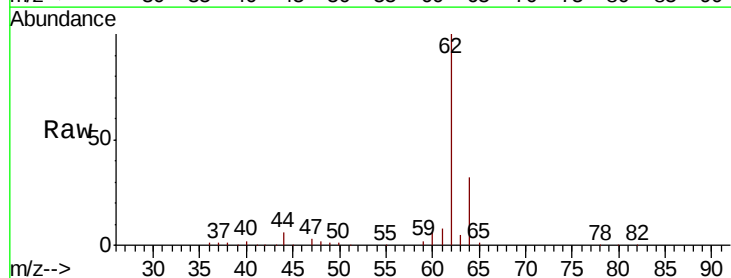
Acq: 11 Mar 2019 12:10

Tgt Ion: 62 Resp: 50572

Ion Ratio Lower Upper

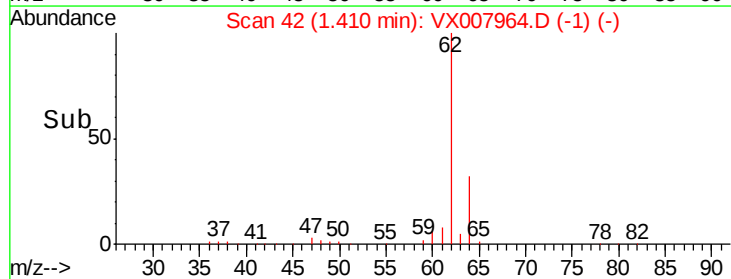
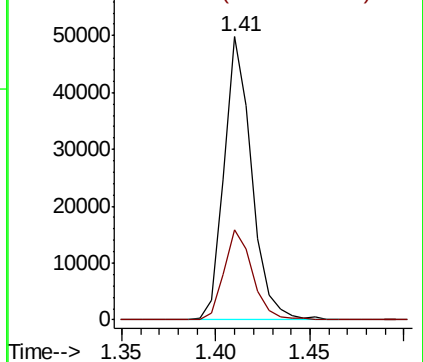
62 100

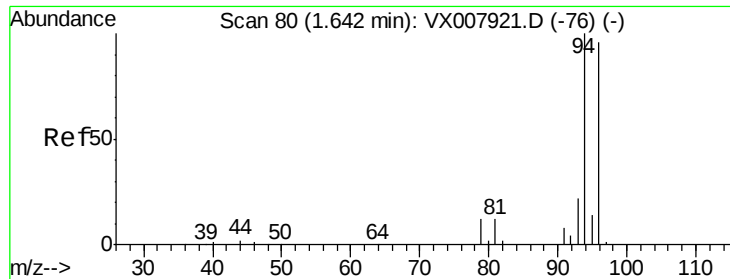
64 31.6 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 22.241 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 94 Resp: 30622

Ion Ratio Lower Upper

94 100

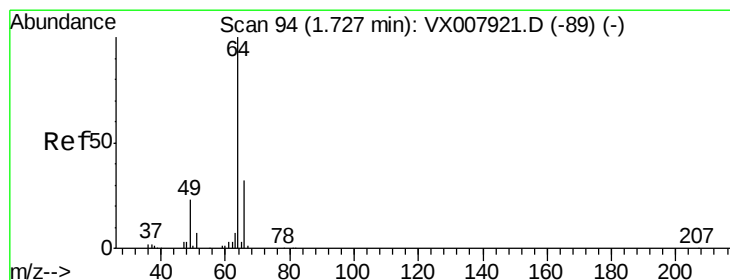
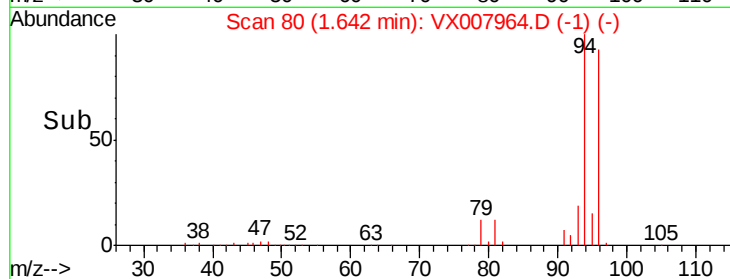
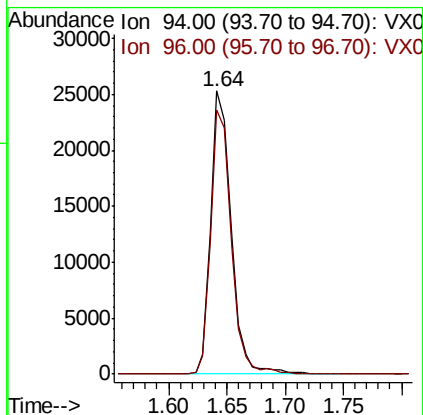
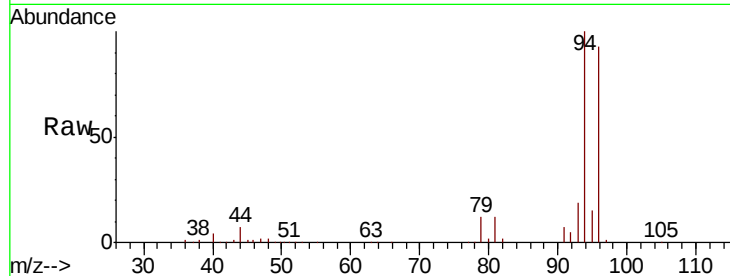
96 93.2 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 18.383 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007964.D

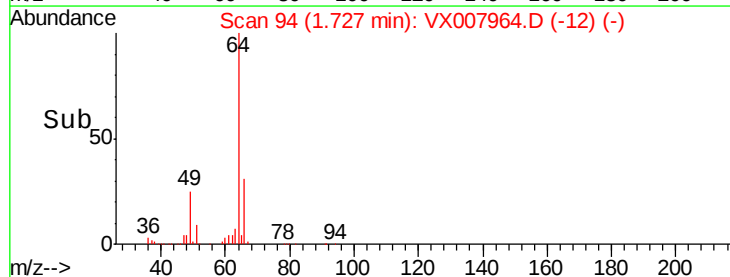
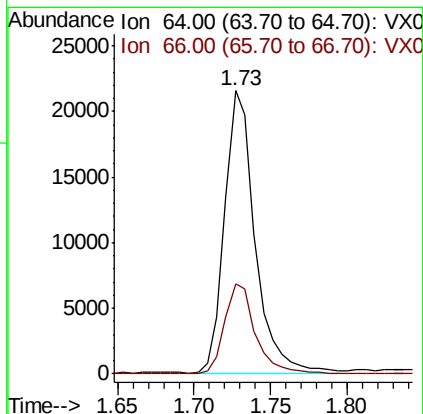
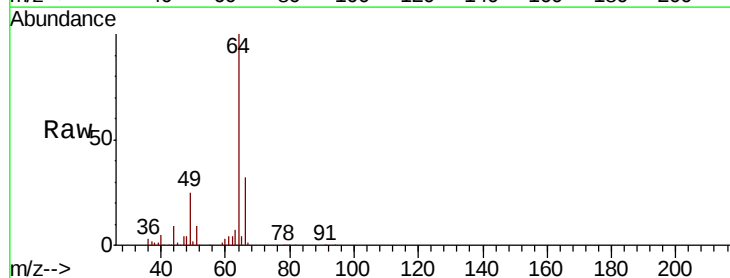
Acq: 11 Mar 2019 12:10

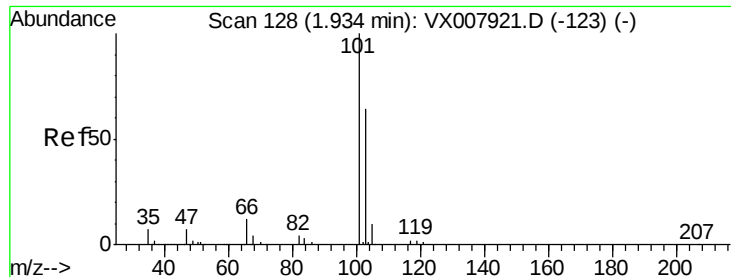
Tgt Ion: 64 Resp: 29648

Ion Ratio Lower Upper

64 100

66 31.9 23.9 35.9





#7

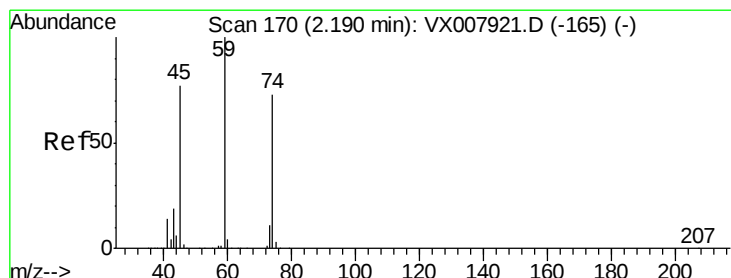
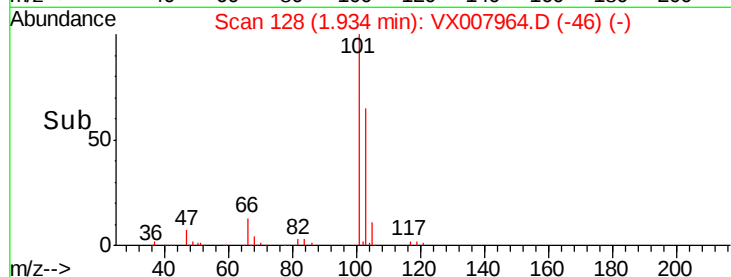
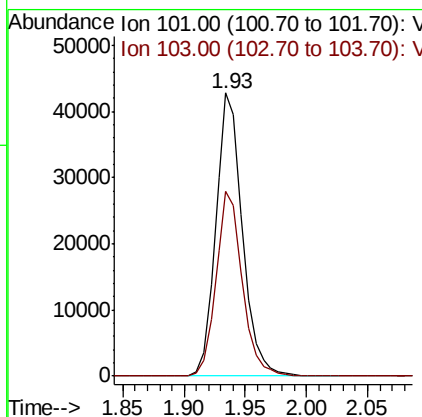
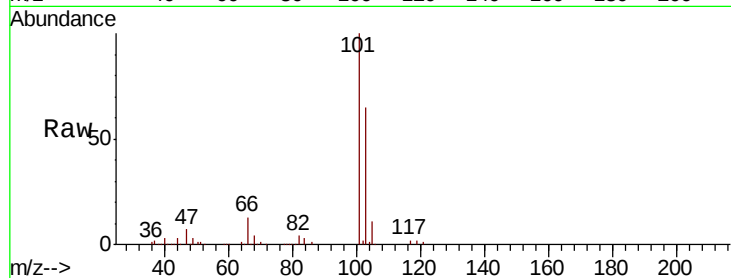
Trichlorofluoromethane
 Concen: 18.779 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.4	75.6

Manual Integrations
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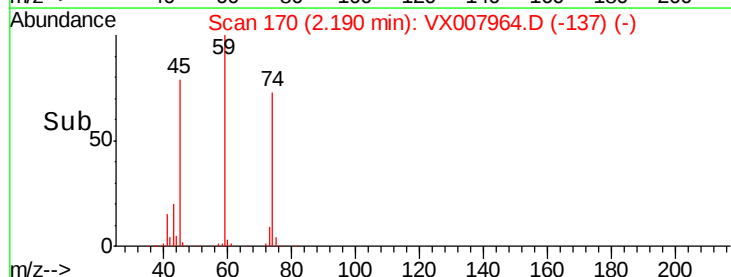
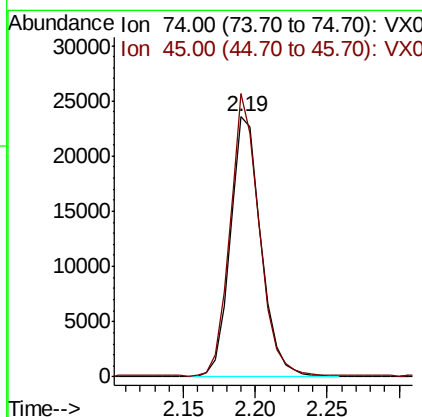
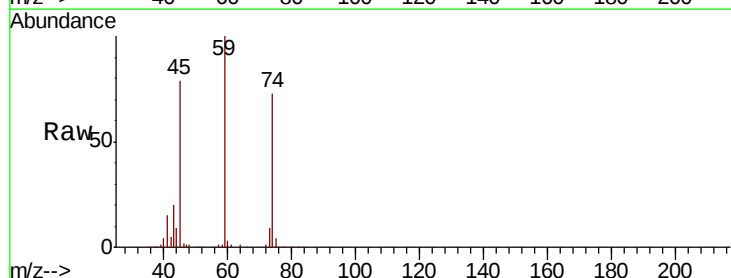
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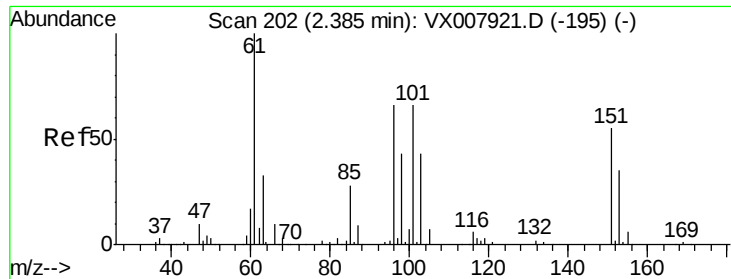


#8

Diethyl Ether
 Concen: 19.881 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.631 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

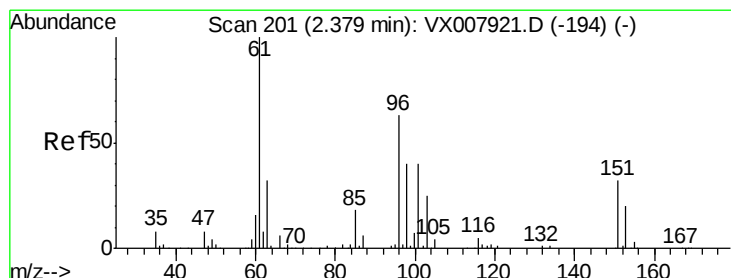
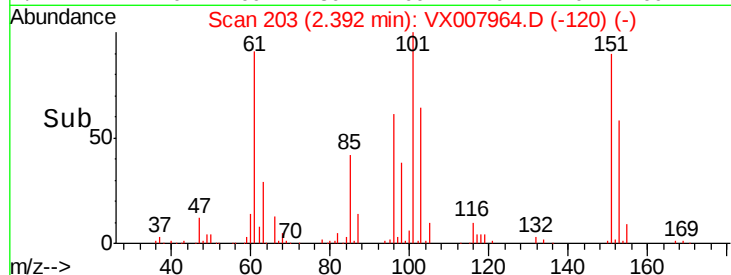
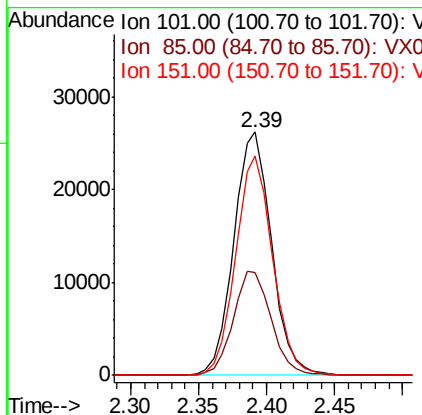
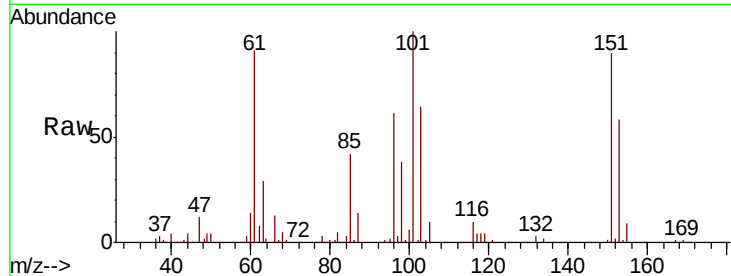
ClientSampleId :

VX0311WBSD01

Tgt Ion:	101	Resp:	50756
Ion Ratio	Lower	Upper	
101	100		
85	42.8	0.0	86.8
151	88.2	0.0	169.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.937 ug/l

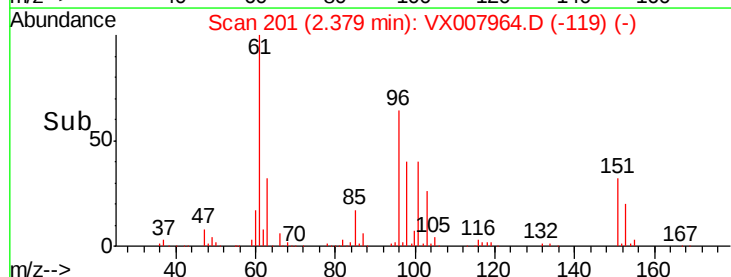
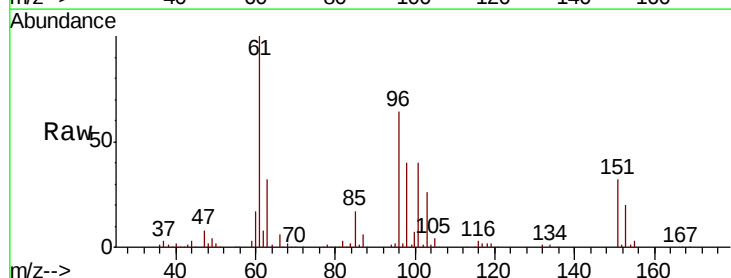
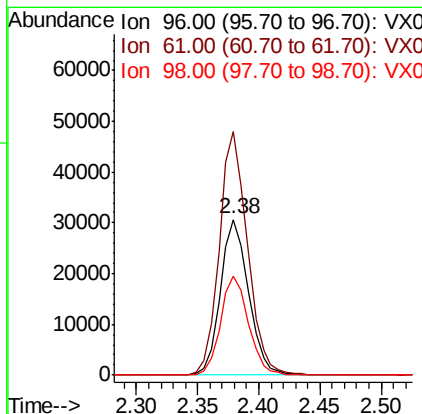
RT: 2.38 min Scan# 201

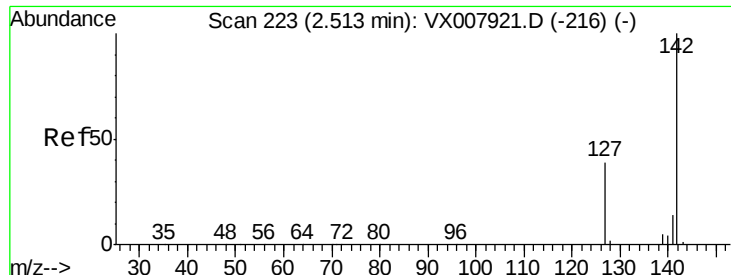
Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Tgt Ion:	96	Resp:	48857
Ion Ratio	Lower	Upper	
96	100		
61	156.2	120.2	180.2
98	63.2	49.0	73.4





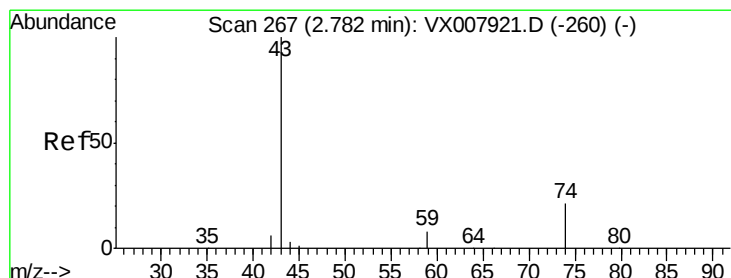
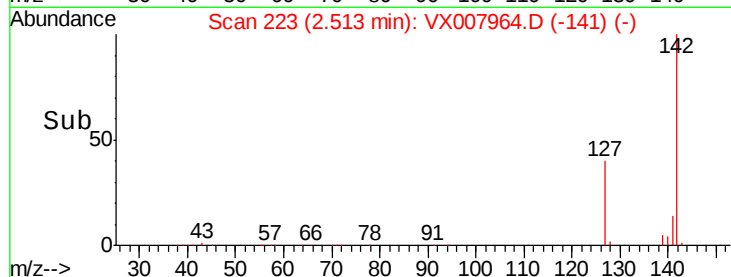
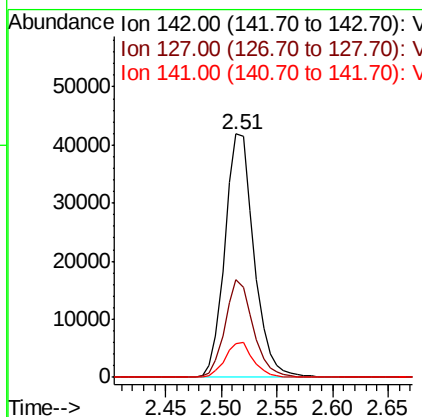
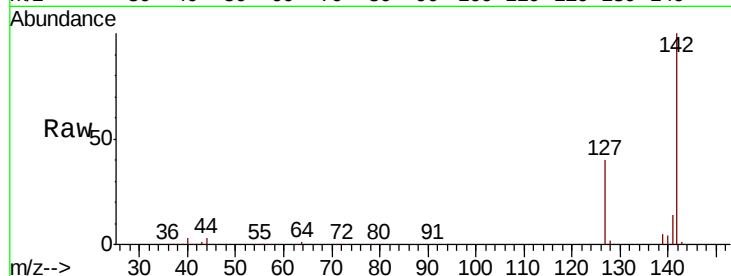
#11
Methyl Iodide
Concen: 19.814 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.1	22.1	66.5
141	14.1	7.4	22.3

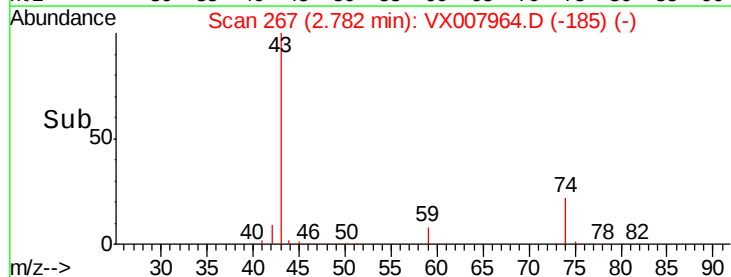
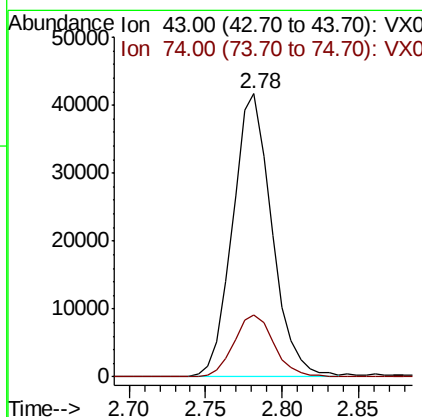
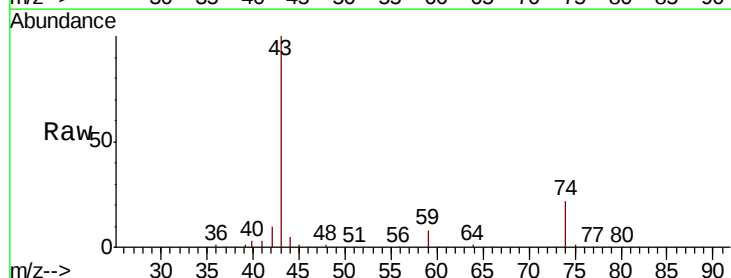
Manual Integrations
APPROVED

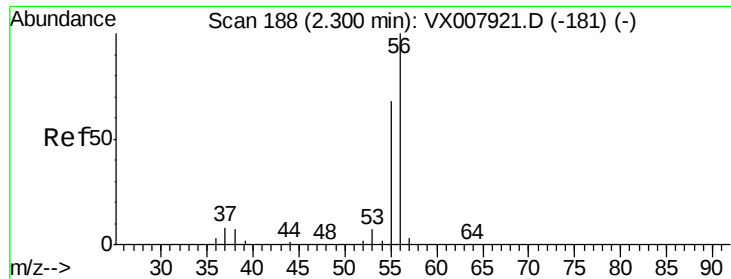
MMDadoda
3/12/2019 1:10:03 PM



#12
Methyl Acetate
Concen: 18.959 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	19.4	29.0





#13

Acrolein

Concen: 106.689 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 56 Resp: 48511

Ion Ratio Lower Upper

56 100

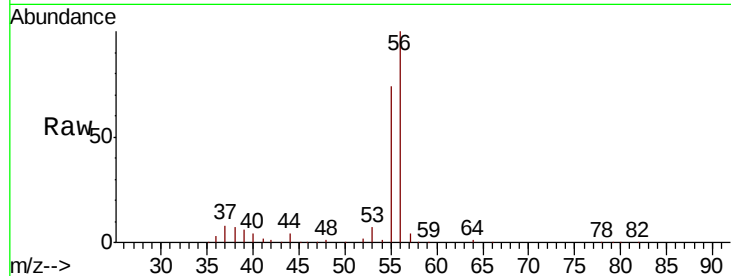
55 72.3 58.6 87.8

Manual Integrations

APPROVED

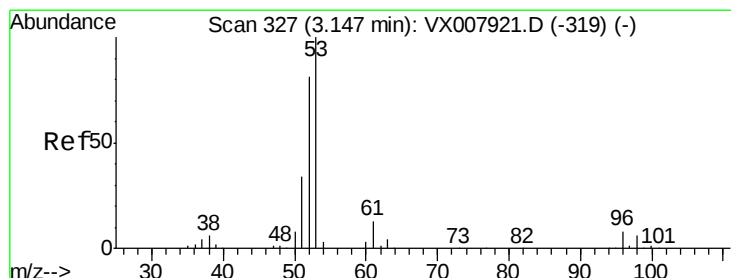
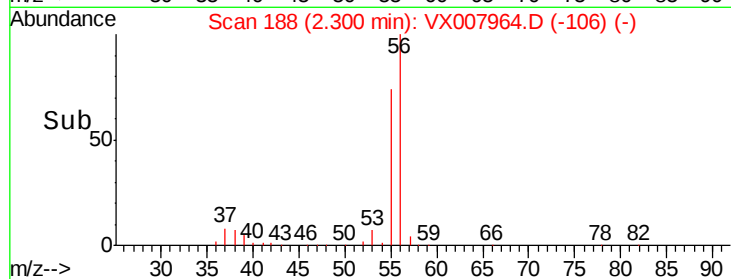
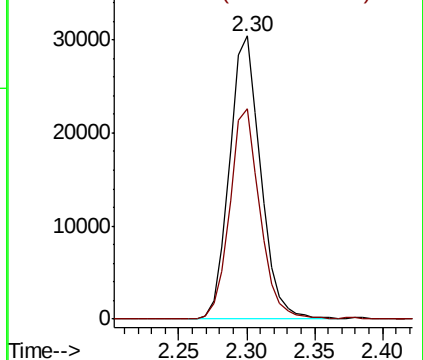
MMDadoda

3/12/2019 1:10:03 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 98.522 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

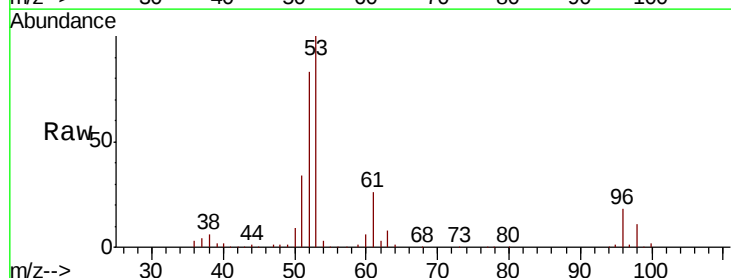
Tgt Ion: 53 Resp: 162092

Ion Ratio Lower Upper

53 100

52 83.3 41.3 124.1

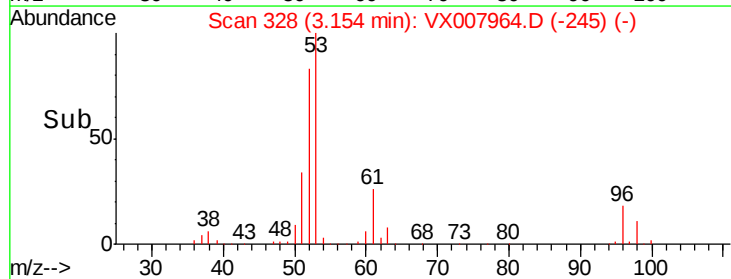
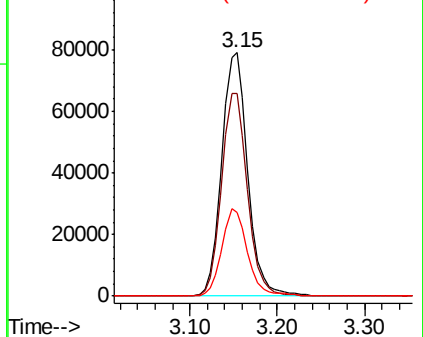
51 35.7 17.5 52.6

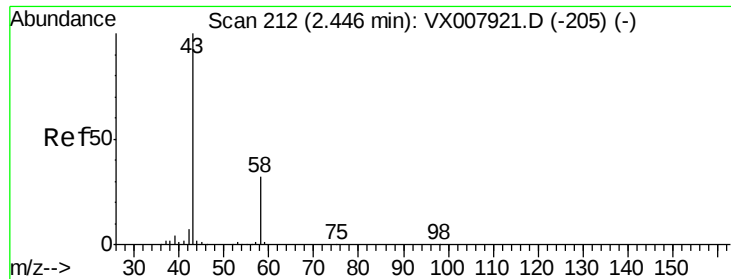


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





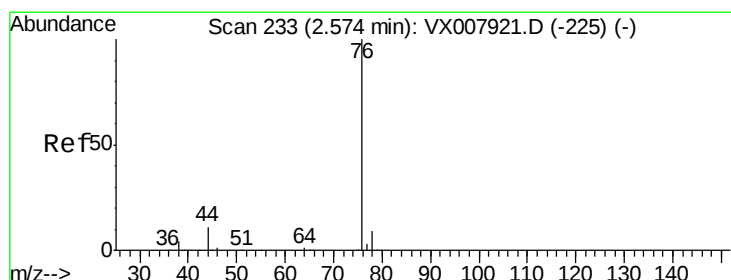
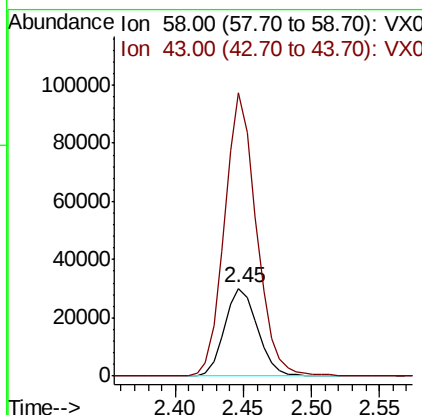
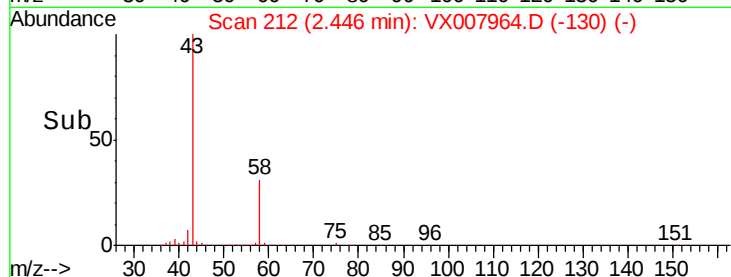
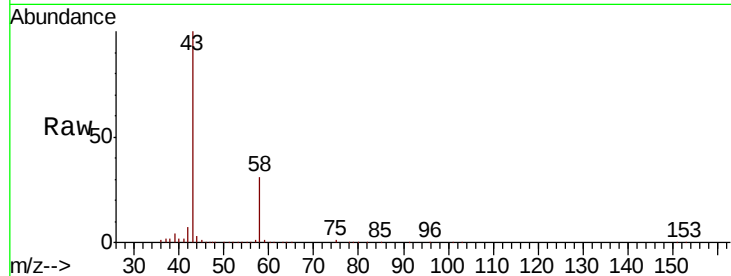
#15
Acetone
Concen: 85.804 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleID :
VX0311WBSD01

Tgt Ion: 58 Resp: 50967
Ion Ratio Lower Upper
58 100
43 322.9 249.8 374.6

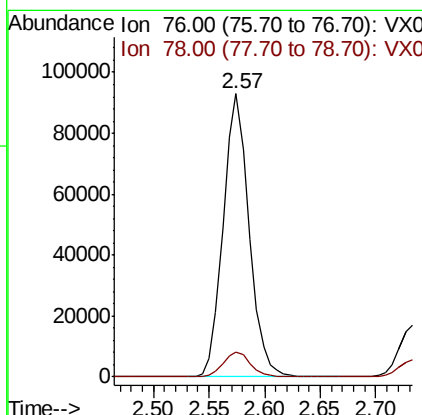
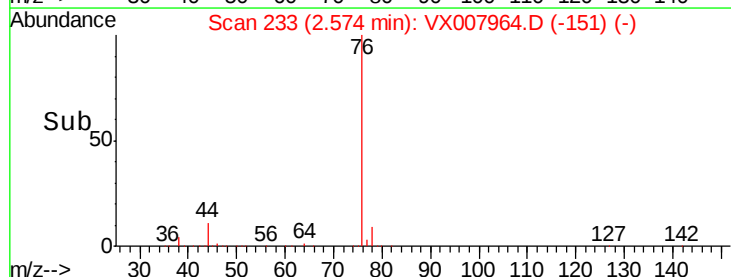
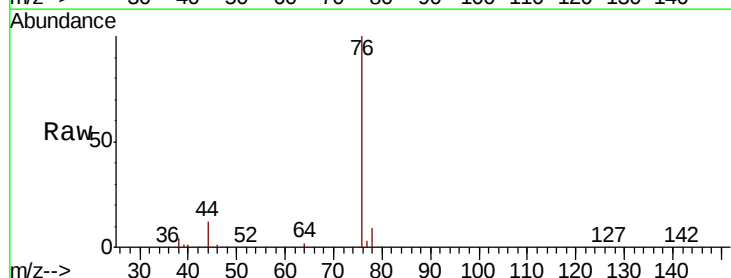
Manual Integrations
APPROVED

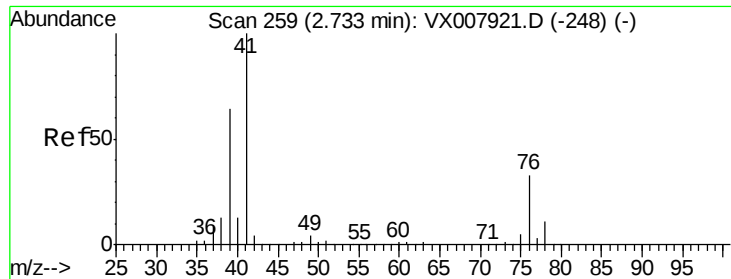
MMDadoda
3/12/2019 1:10:03 PM



#16
Carbon Disulfide
Concen: 19.503 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 76 Resp: 149951
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3





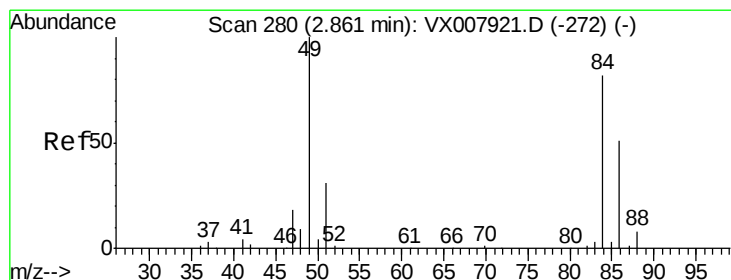
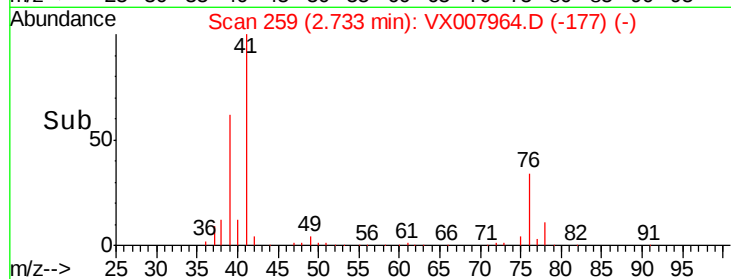
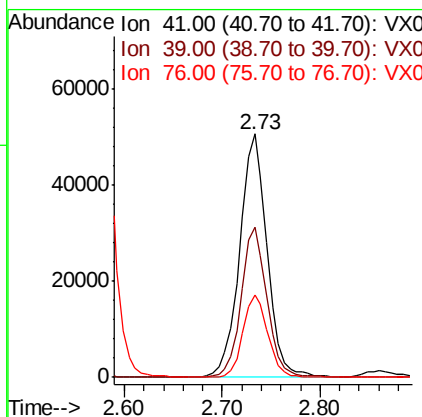
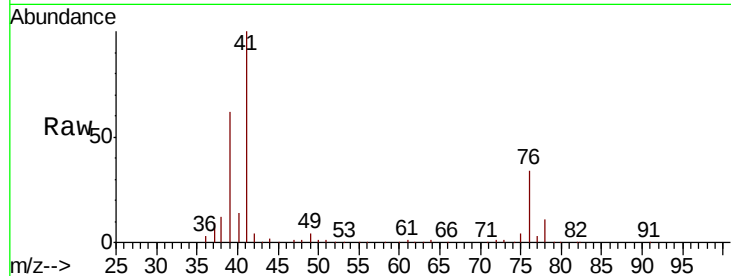
#17
 Allyl chloride
 Concen: 19.626 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.9	35.8	107.4
76	33.7	18.3	54.9

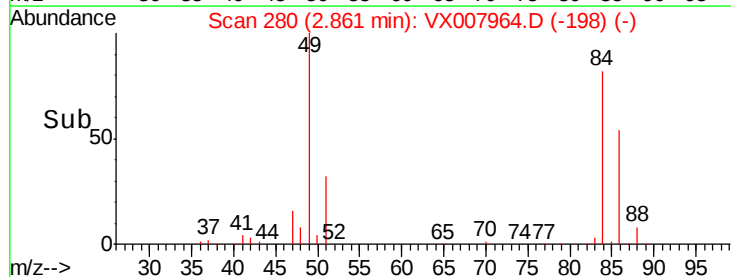
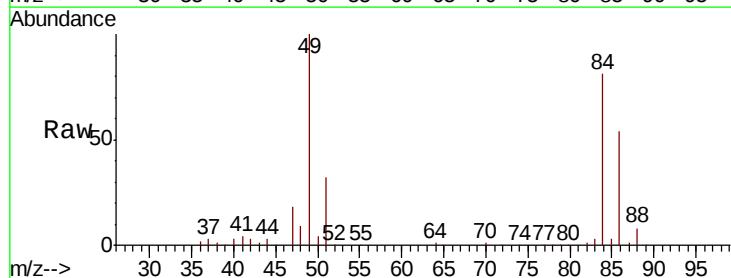
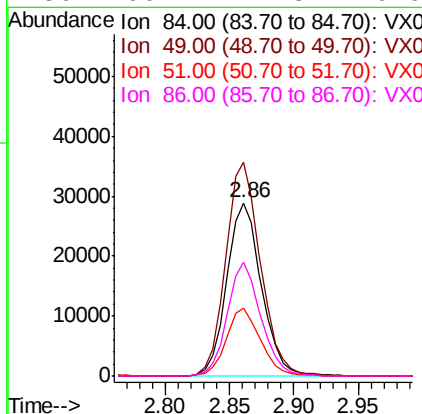
Manual Integrations
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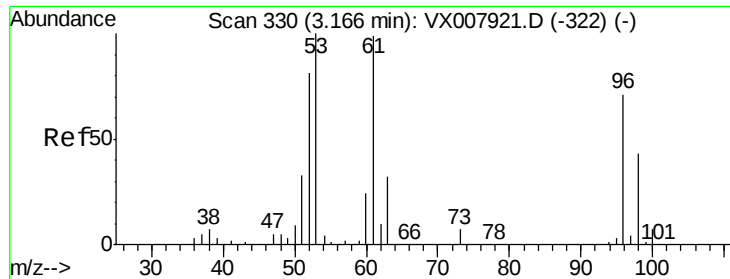
MMDadoda
 3/12/2019 1:10:03 PM



#18
 Methylene Chloride
 Concen: 19.443 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	96.1	144.1
51	38.9	29.1	43.7
86	66.1	47.3	70.9





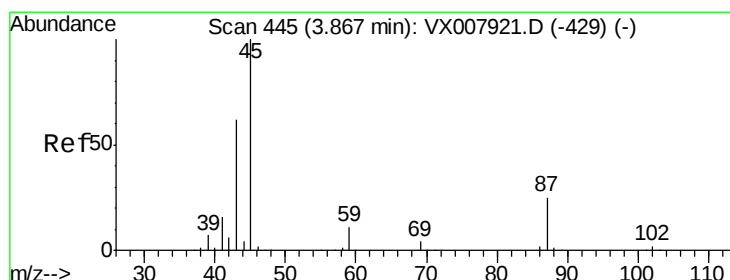
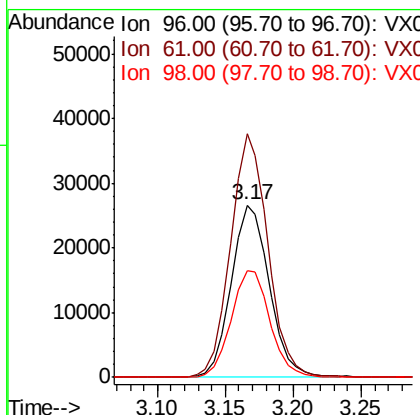
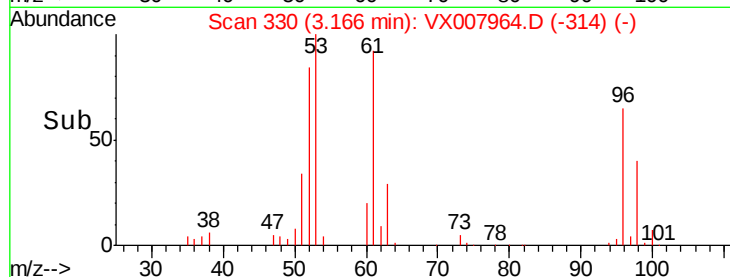
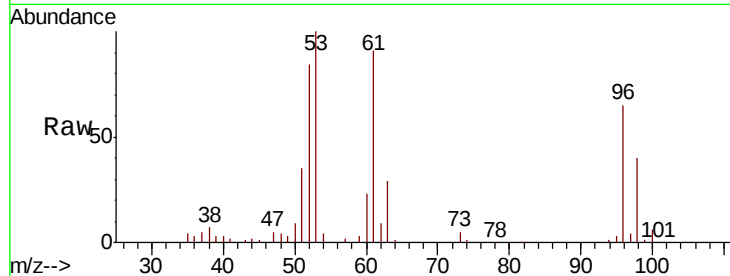
#19
trans-1,2-Dichloroethene
Concen: 20.057 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.0	109.9	164.9
98	61.9	50.4	75.6

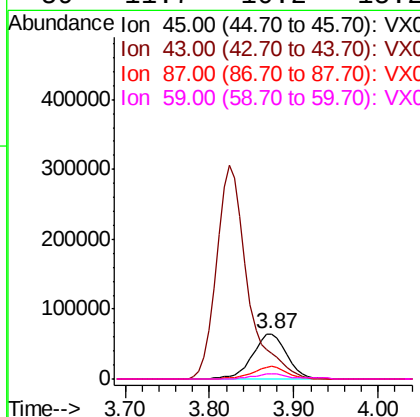
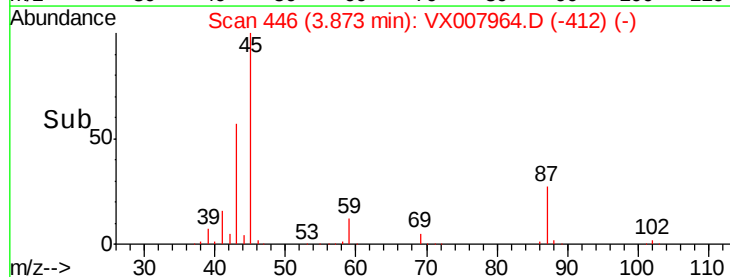
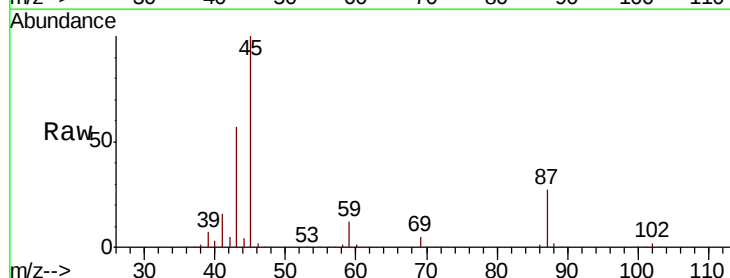
Manual Integrations
APPROVED

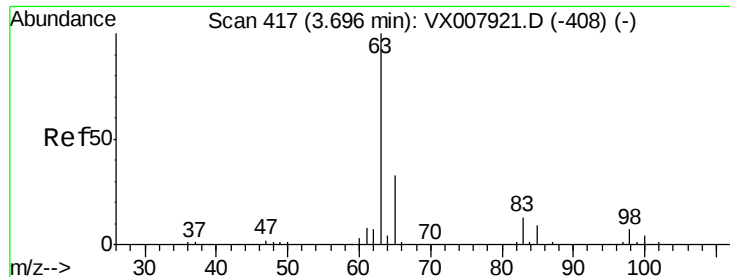
MMDadoda
3/12/2019 1:10:03 PM



#20
Diisopropyl ether
Concen: 19.439 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.7	50.6	76.0
87	27.2	24.5	36.7
59	11.7	10.2	15.2





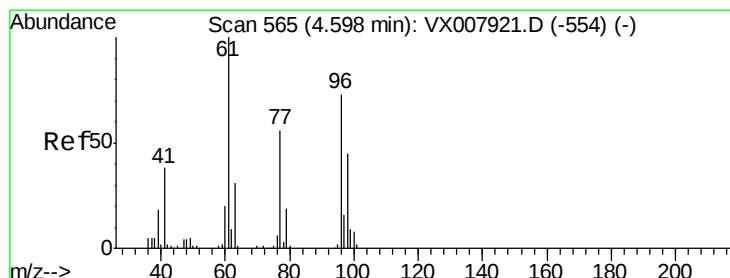
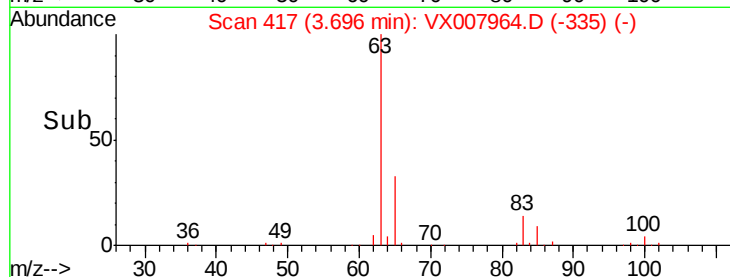
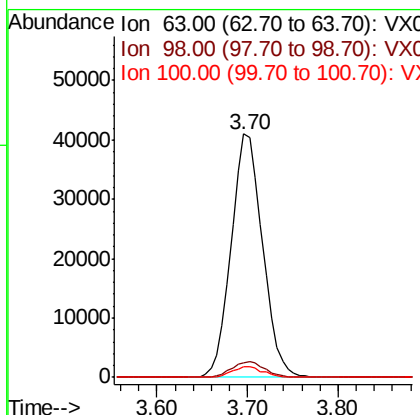
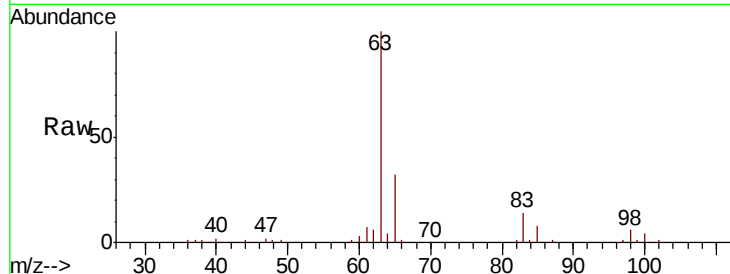
#21
1,1-Dichloroethane
Concen: 19.706 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
63	100		
98	6.1	3.8	11.4
100	4.5	2.4	7.1

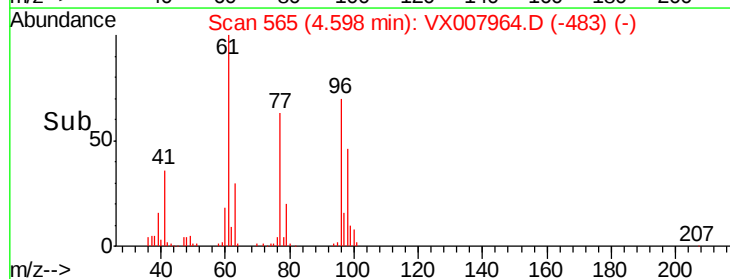
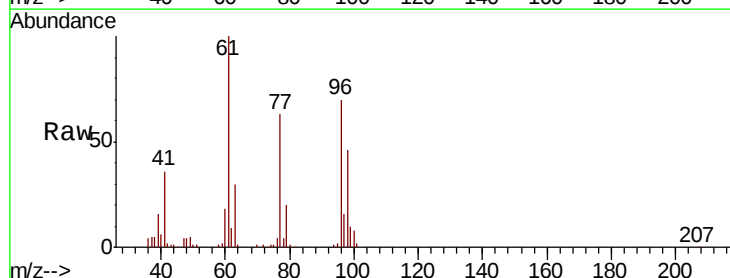
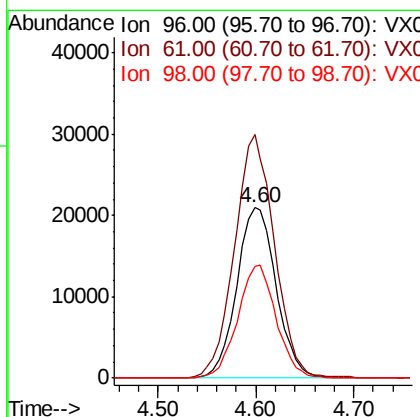
Manual Integrations
APPROVED

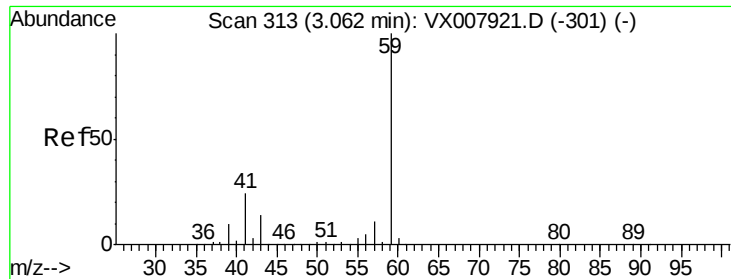
MMDadoda
3/12/2019 1:10:03 PM



#22
cis-1,2-Dichloroethene
Concen: 19.579 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
96	100		
61	144.5	103.5	155.3
98	64.7	52.1	78.1





#23

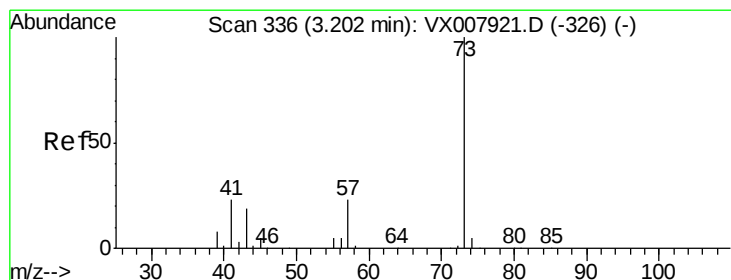
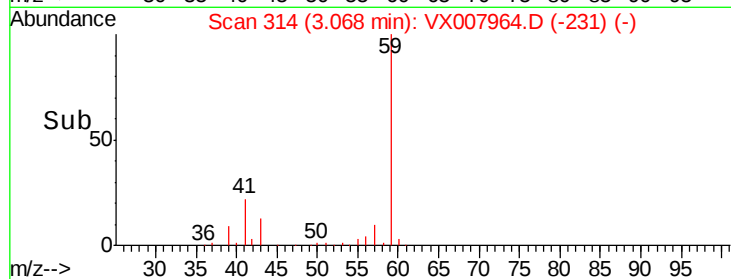
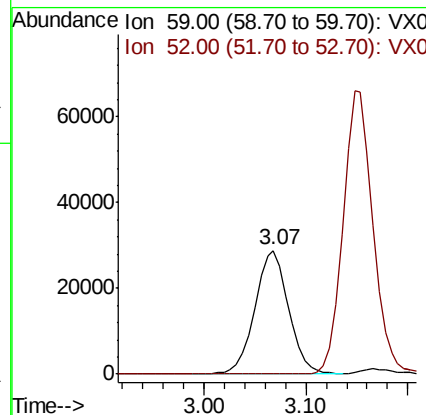
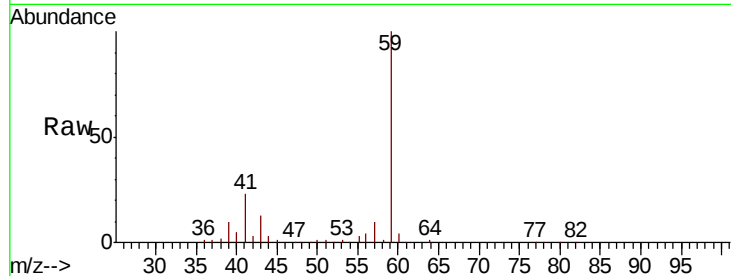
tert-Butyl Alcohol
 Concen: 100.130 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion: 59 Resp: 66460
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

Manual Integrations
 APPROVED

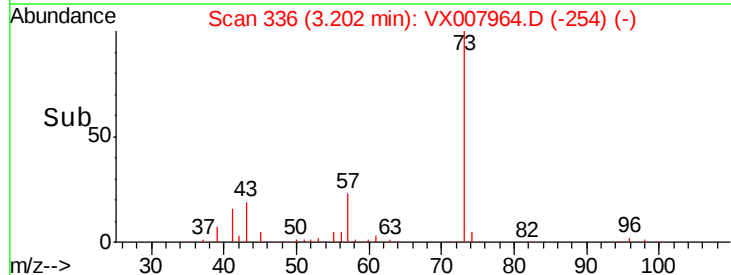
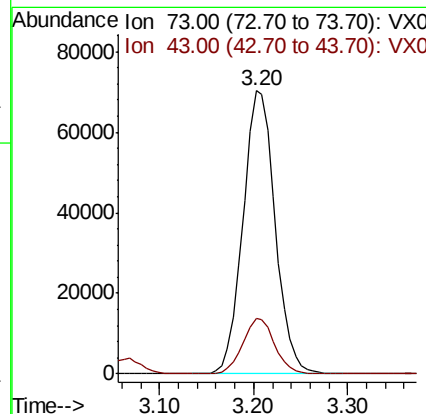
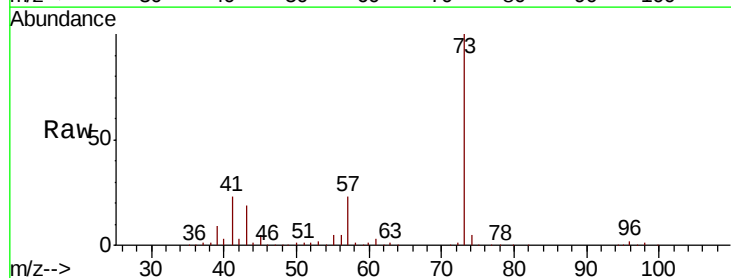
MMDadoda
 3/12/2019 1:10:03 PM

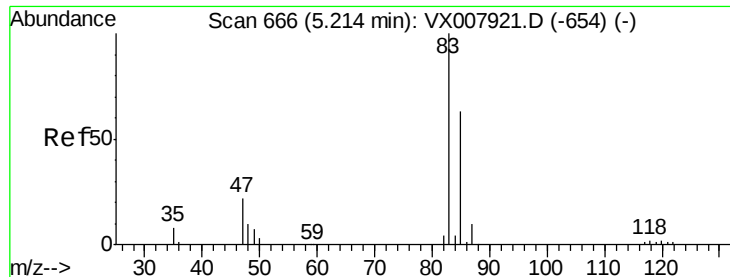


#24

Methyl tert-Butyl Ether
 Concen: 19.942 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion: 73 Resp: 168028
 Ion Ratio Lower Upper
 73 100
 43 19.2 17.1 25.7





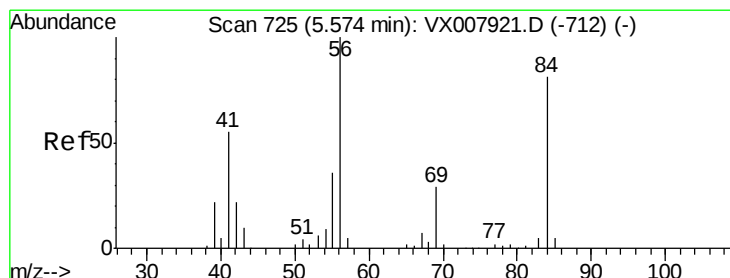
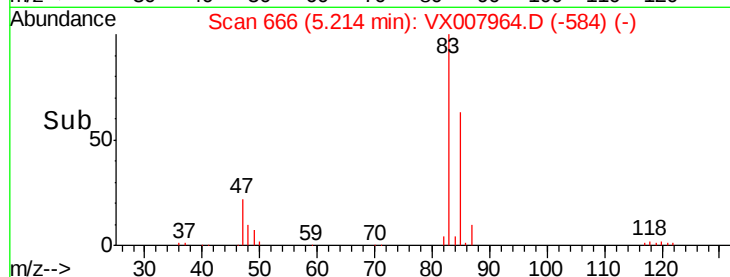
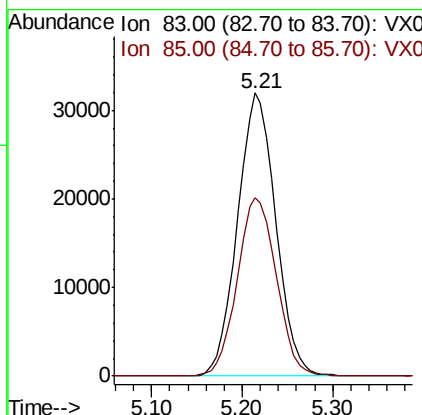
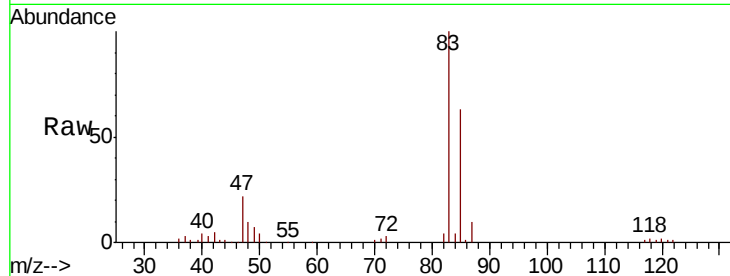
#25
Chloroform
Concen: 19.808 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 83 Resp: 93459
Ion Ratio Lower Upper
83 100
85 63.2 53.8 80.6

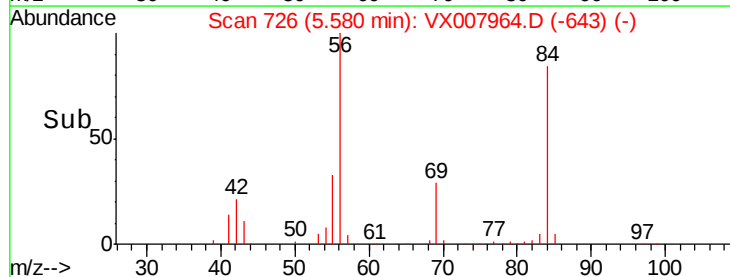
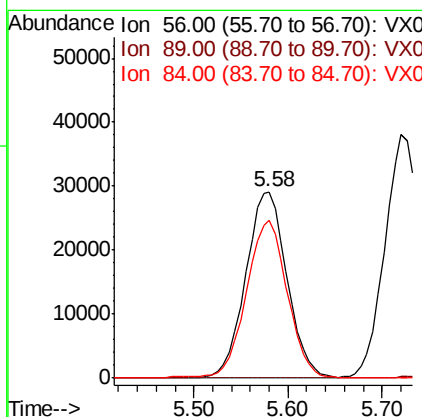
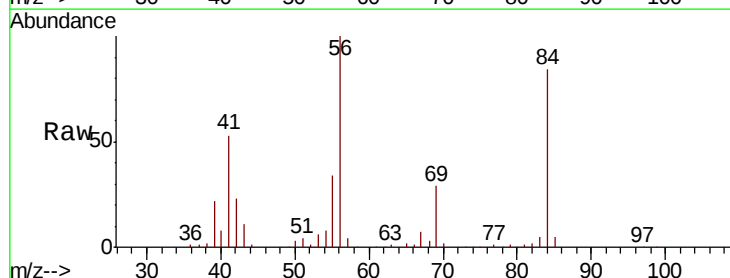
Manual Integrations
APPROVED

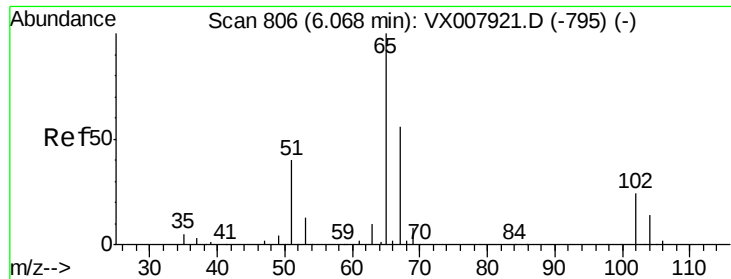
MMDadoda
3/12/2019 1:10:03 PM



#26
Cyclohexane
Concen: 19.258 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 56 Resp: 88958
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.9 73.9 110.9





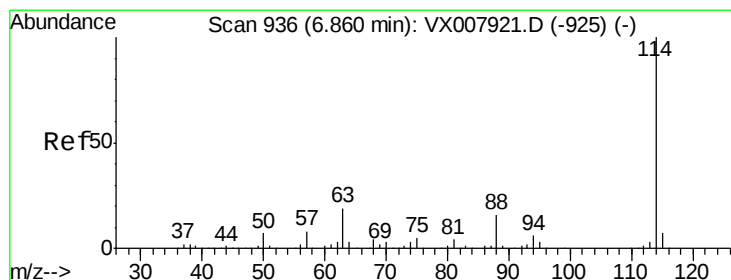
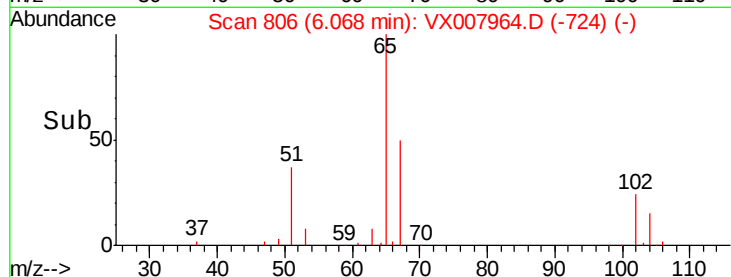
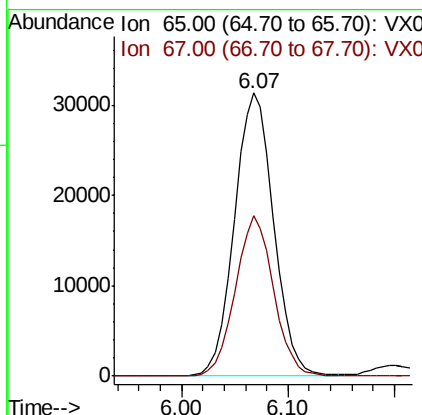
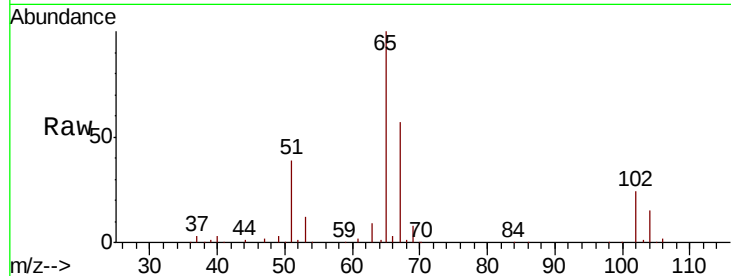
#27
 1,2-Dichloroethane-d4
 Concen: 29.223 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion: 65 Resp: 81119
 Ion Ratio Lower Upper
 65 100
 67 55.0 42.9 64.3

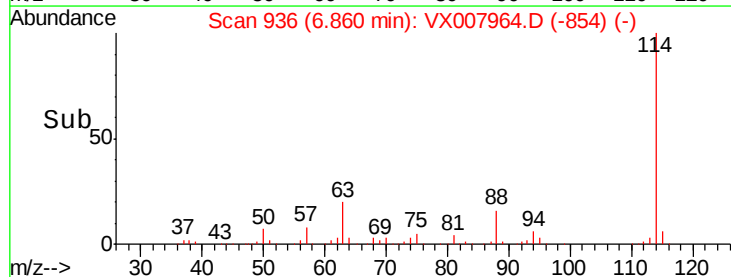
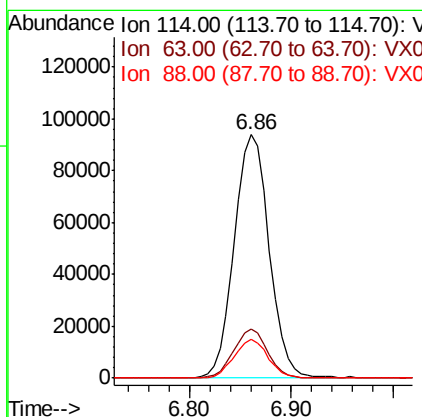
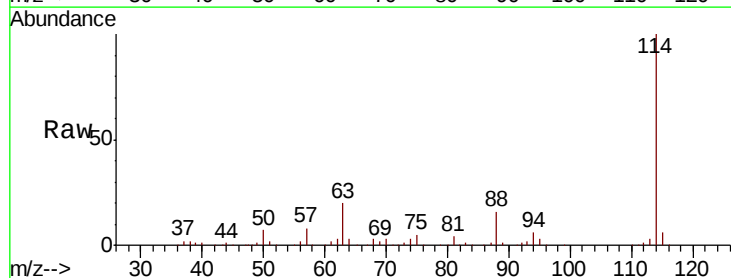
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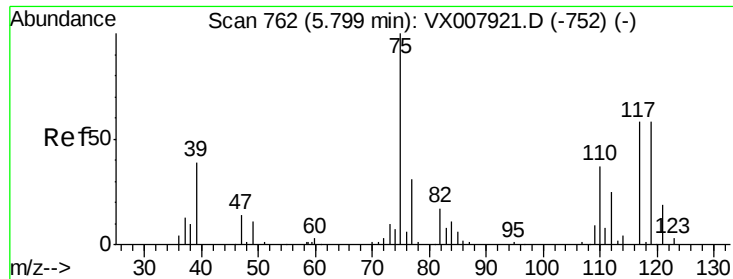
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion: 114 Resp: 223512
 Ion Ratio Lower Upper
 114 100
 63 19.5 14.2 21.4
 88 15.5 11.9 17.9





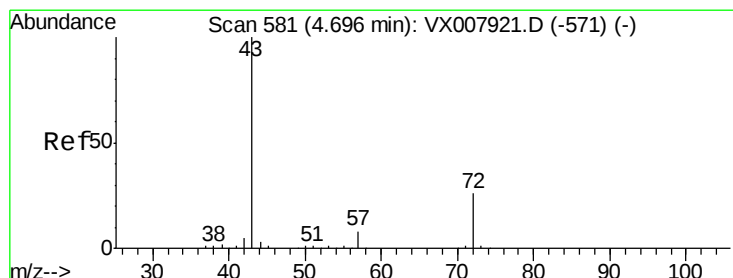
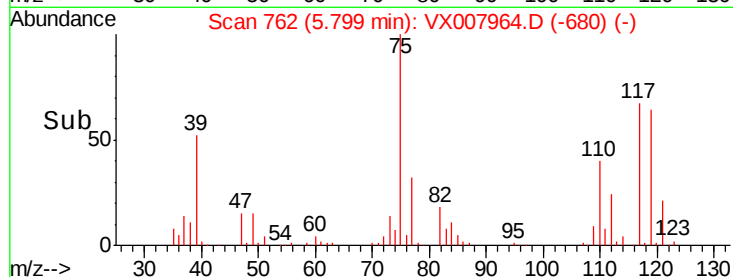
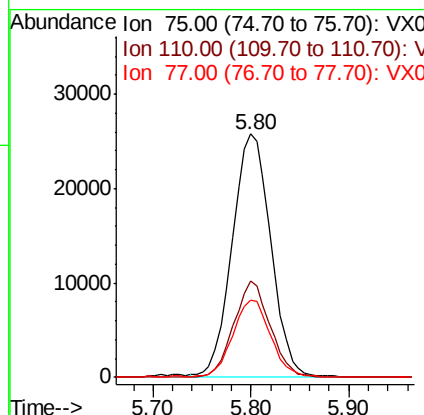
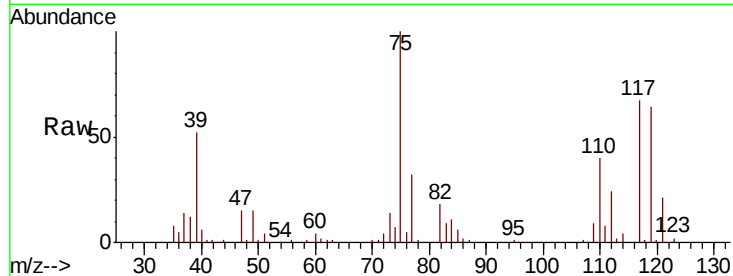
#29
 1,1-Dichloropropene
 Concen: 19.916 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	0.0	80.8
77	30.2	0.0	62.4

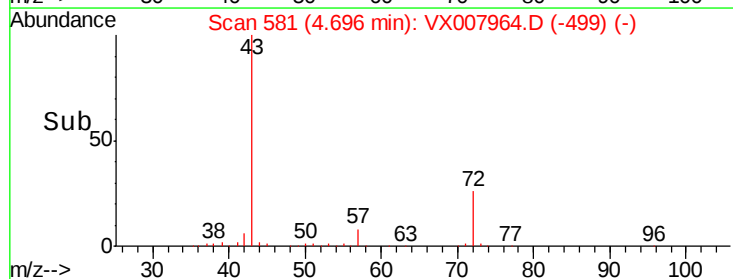
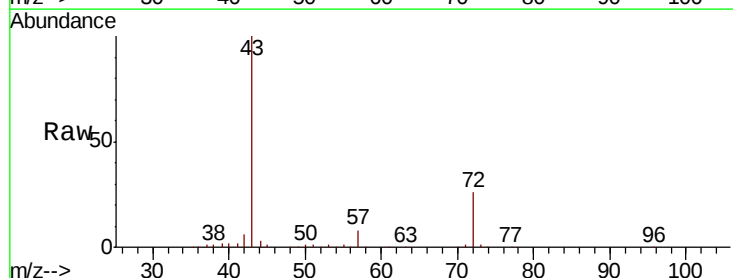
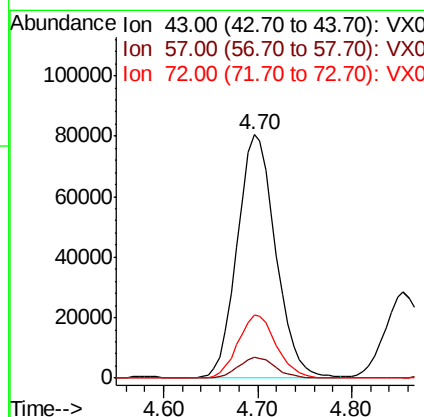
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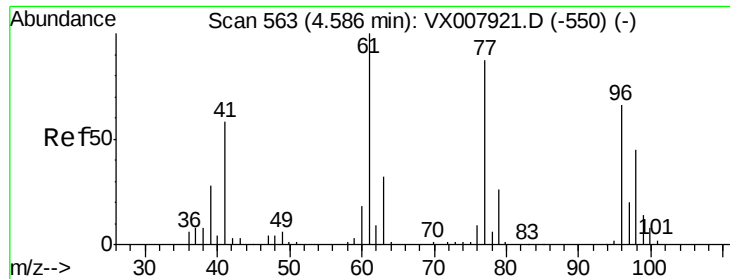
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 3/12/2019 1:10:03 PM



#30
 2-Butanone
 Concen: 95.617 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	7.0	10.6
72	25.8	21.5	32.3





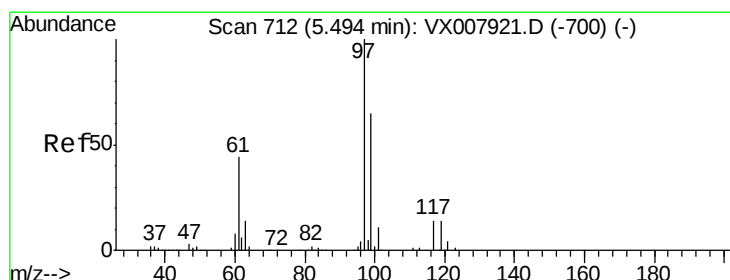
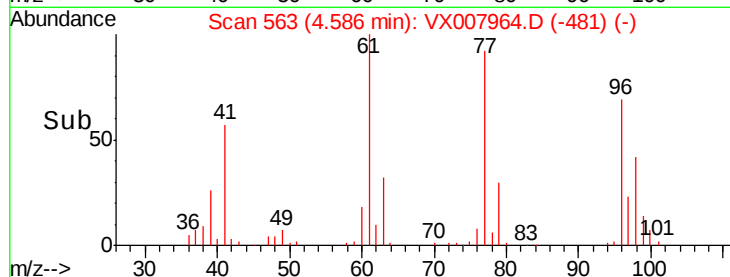
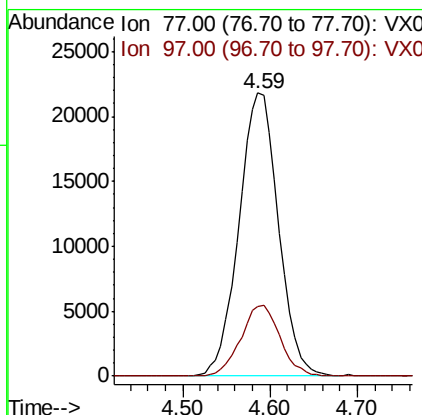
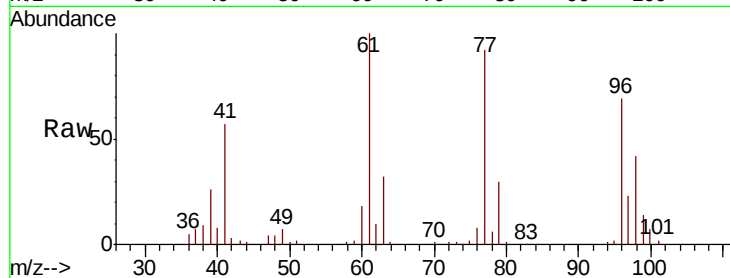
#31
 2,2-Dichloropropane
 Concen: 20.856 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion: 77 Resp: 68270
 Ion Ratio Lower Upper
 77 100
 97 25.0 20.6 31.0

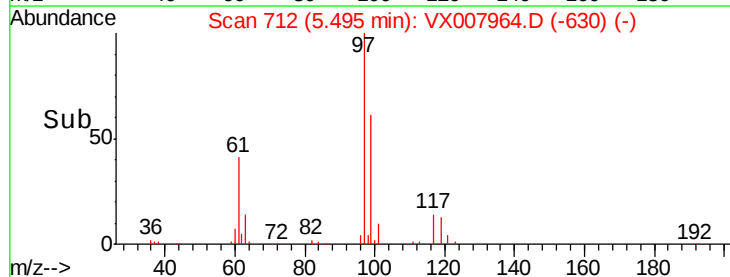
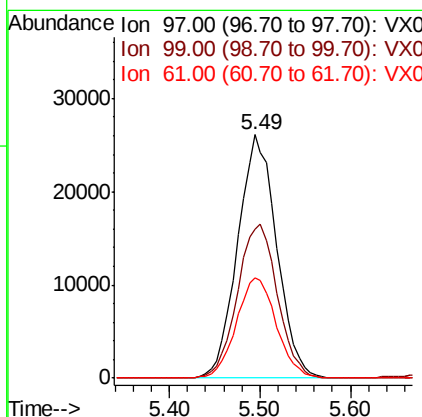
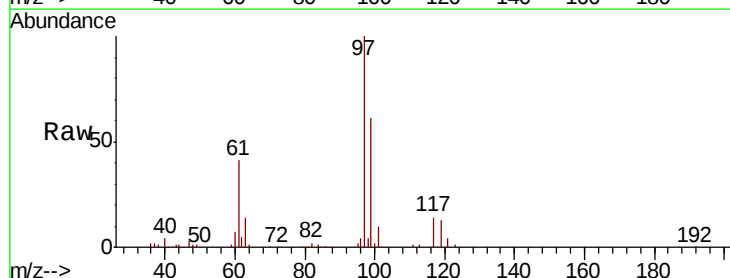
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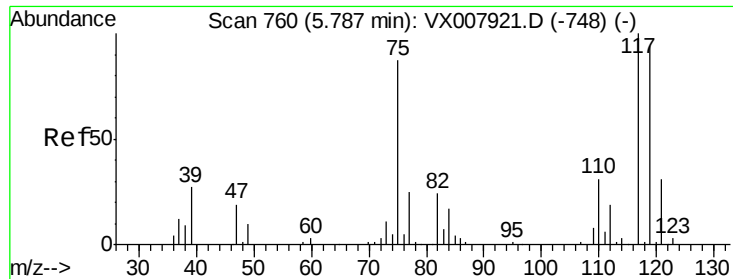
MMDadoda
 3/12/2019 1:10:03 PM



#32
 1,1,1-Trichloroethane
 Concen: 20.303 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion: 97 Resp: 77806
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.7 77.5
 61 42.1 32.8 49.2





#33

Carbon Tetrachloride

Concen: 20.355 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

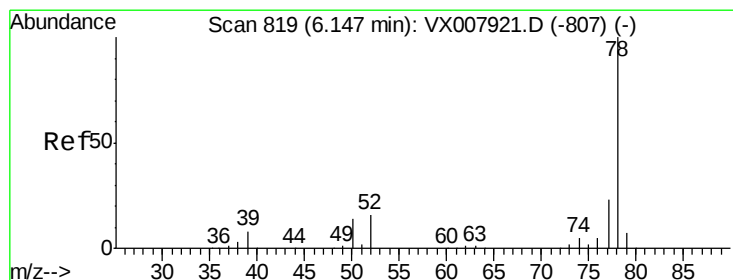
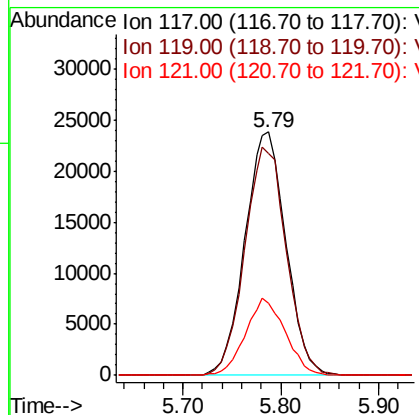
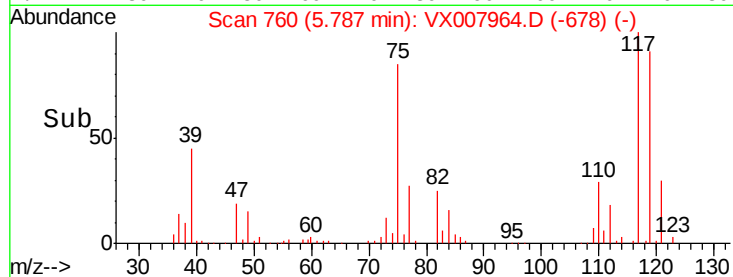
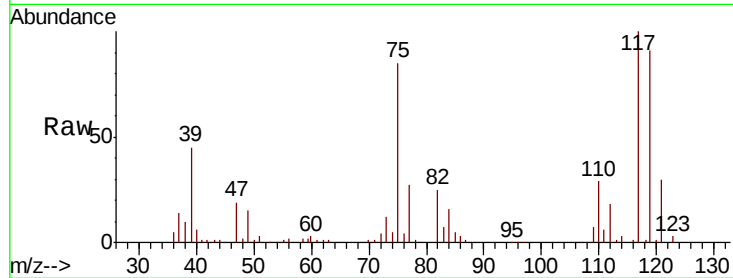
ClientSampleId :

VX0311WBSD01

Tgt Ion: 117 Resp: 69190
 Ion Ratio Lower Upper
 117 100
 119 91.2 78.1 117.1
 121 29.7 27.0 40.6

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#34

Benzene

Concen: 19.920 ug/l

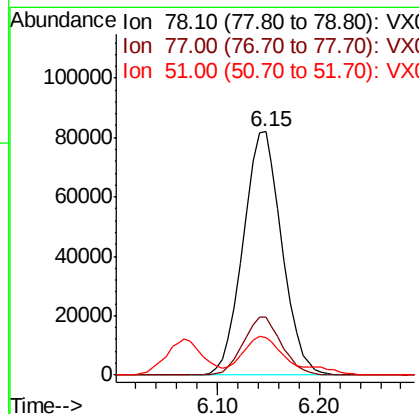
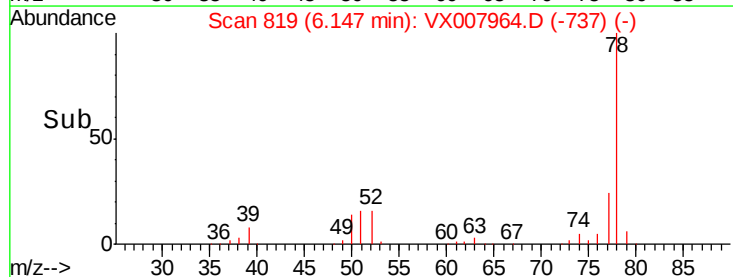
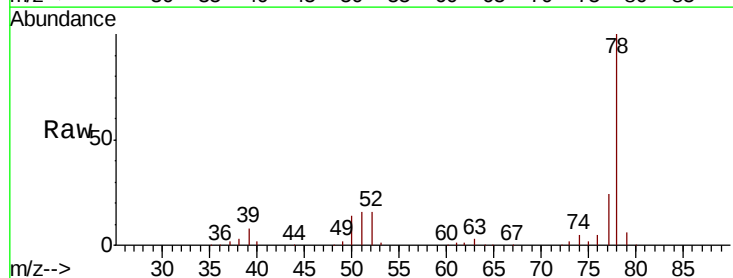
RT: 6.15 min Scan# 819

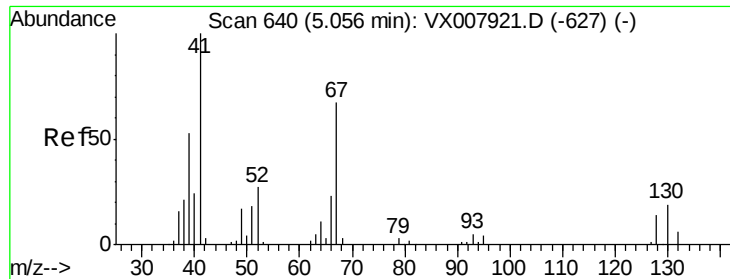
Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Tgt Ion: 78 Resp: 216346
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.1 28.7
 51 14.3 10.8 16.2





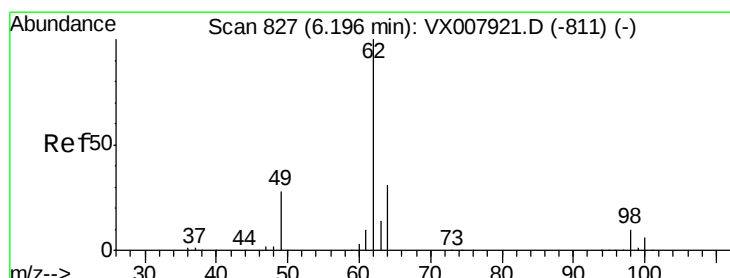
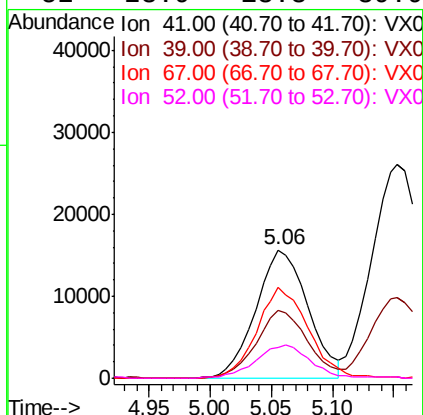
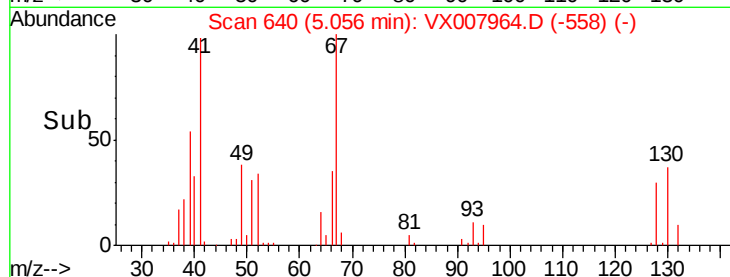
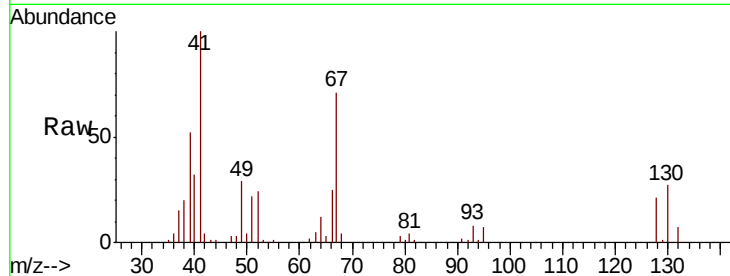
#35
Methacrylonitrile
Concen: 19.759 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	27.4	82.0	
67	71.0	37.9	113.6	
52	23.9	13.3	39.9	

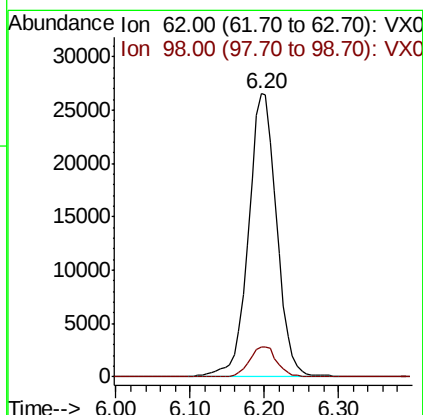
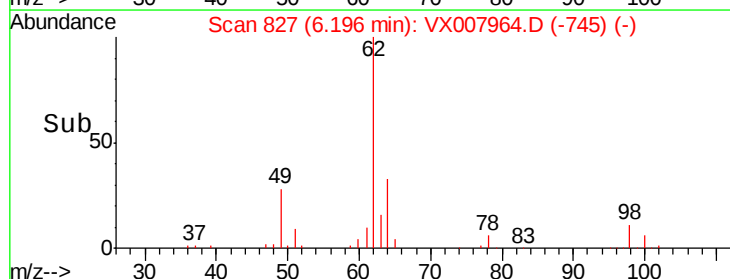
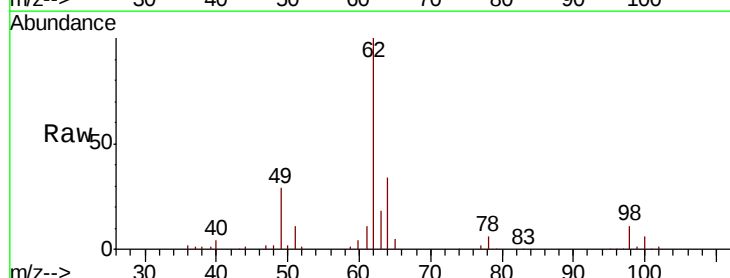
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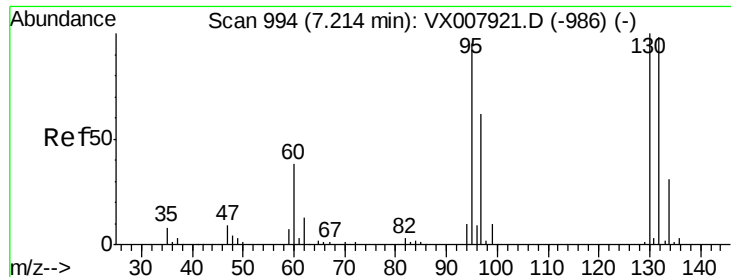
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#36
1,2-Dichloroethane
Concen: 19.998 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	7.8	11.8	





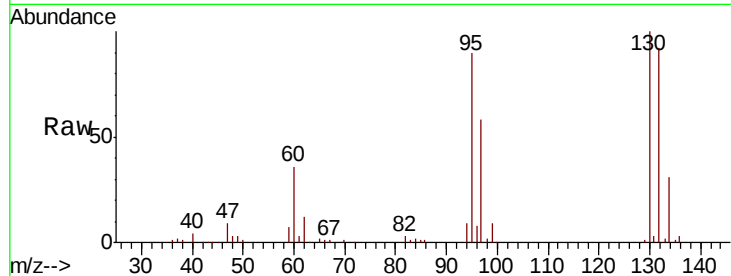
#37
 Trichloroethene
 Concen: 20.446 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

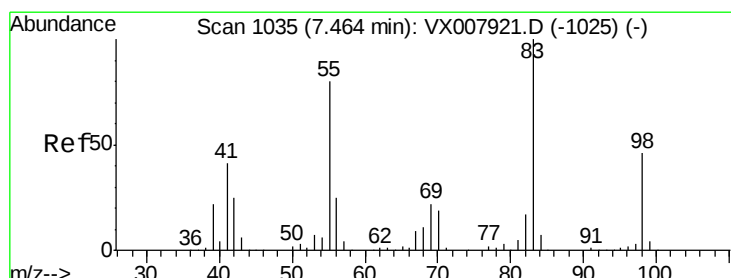
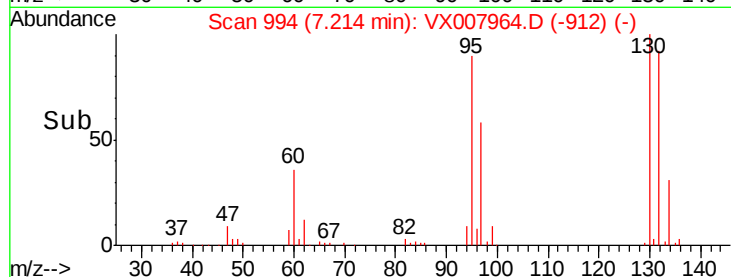
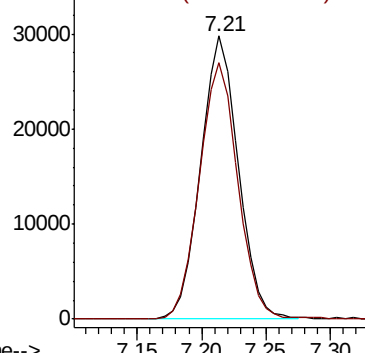
Tgt Ion:130 Resp: 60163
 Ion Ratio Lower Upper
 130 100
 95 90.4 71.3 106.9

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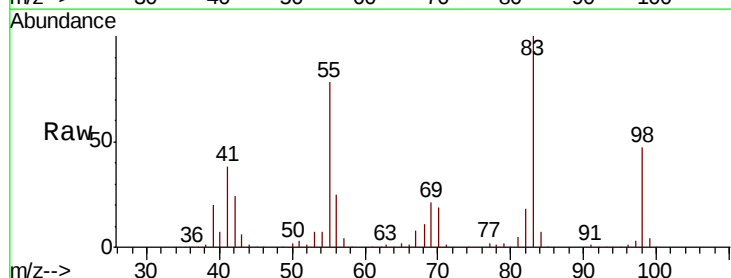


Abundance Ion 129.90 (129.60 to 130.60): VX0
 Ion 94.90 (94.60 to 95.60): VX0

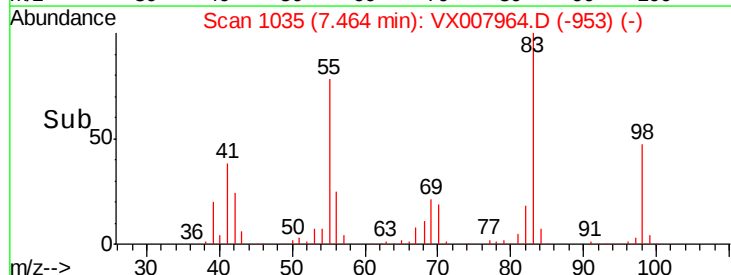
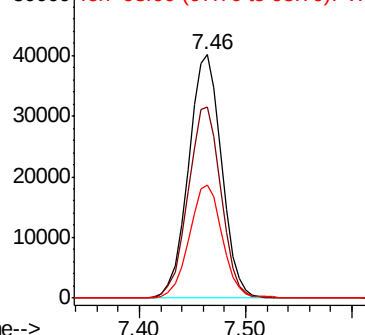


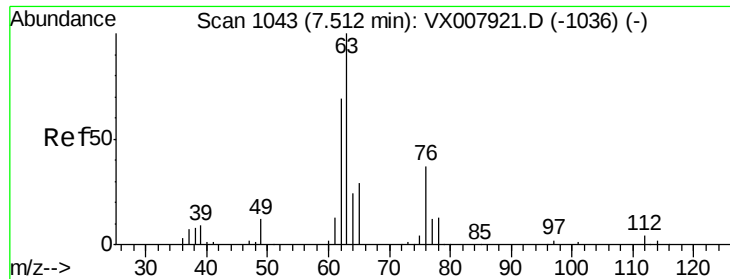
#38
 Methylcyclohexane
 Concen: 19.418 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion: 83 Resp: 87494
 Ion Ratio Lower Upper
 83 100
 55 78.0 36.0 108.0
 98 46.6 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





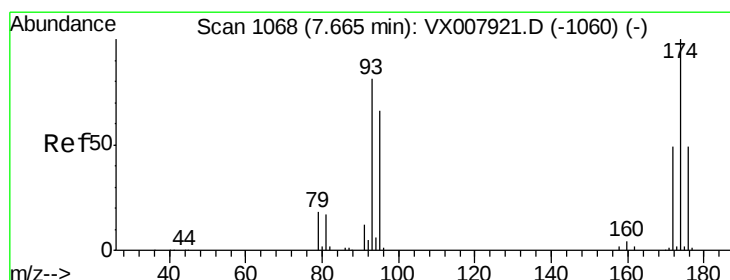
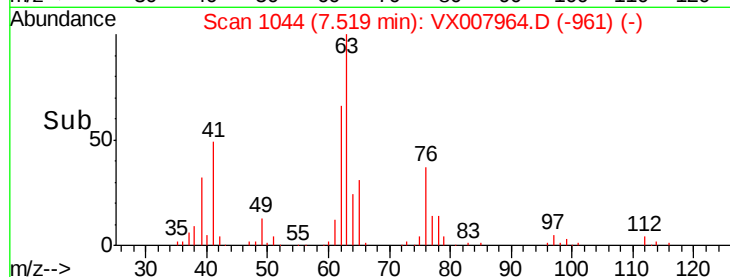
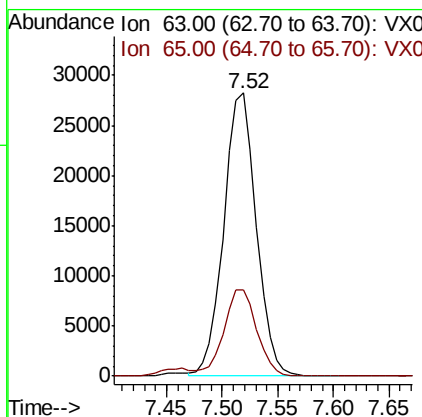
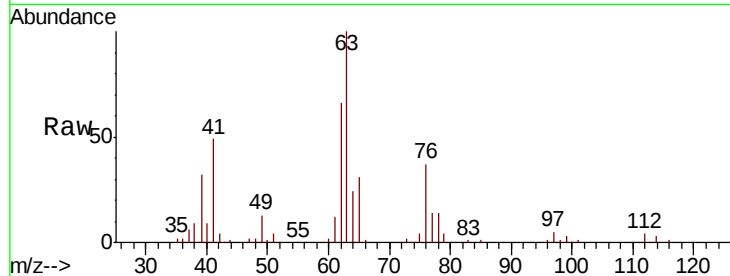
#39
 1,2-Dichloropropane
 Concen: 20.210 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion: 63 Resp: 57242
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 37.0

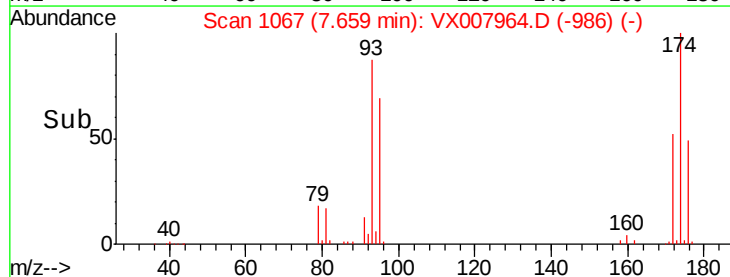
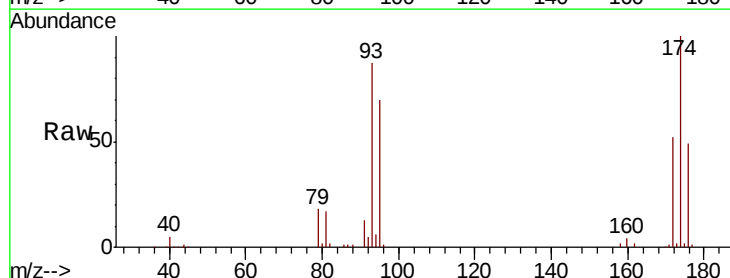
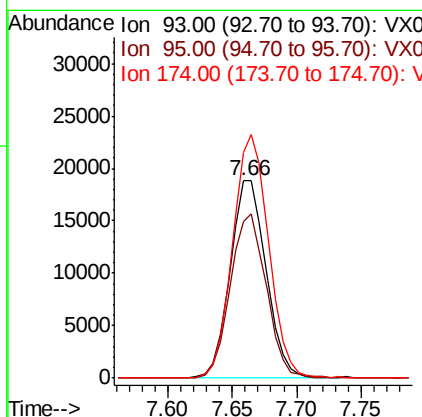
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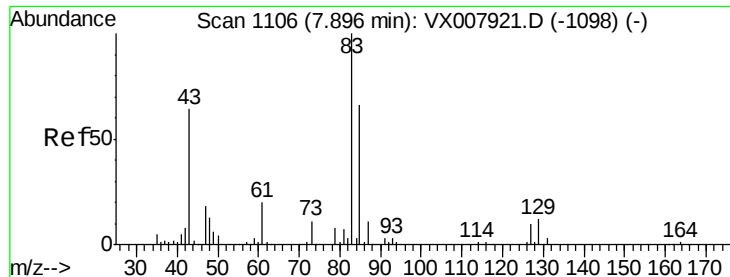
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#40
 Dibromomethane
 Concen: 20.414 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion: 93 Resp: 36676
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 158.8
 174 122.8 0.0 224.2





#41

Bromodichloromethane

Concen: 20.063 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

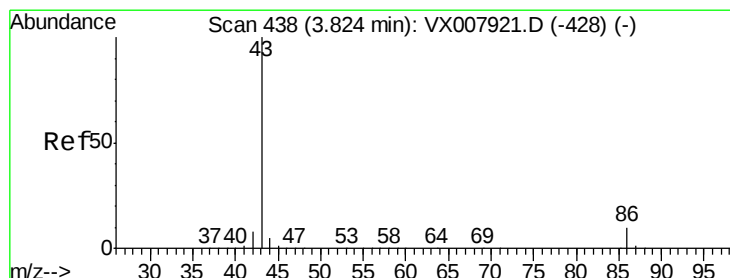
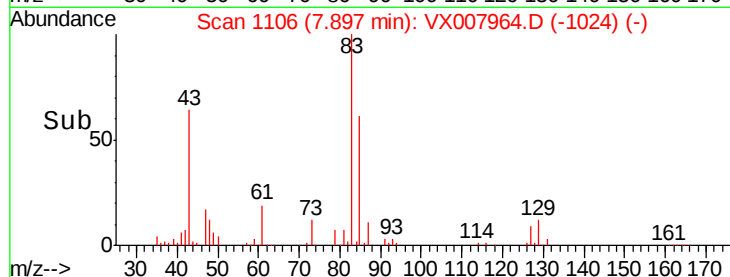
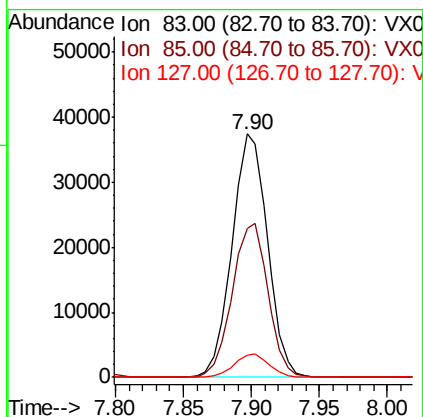
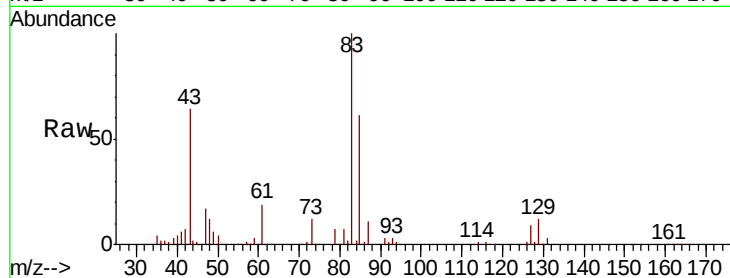
ClientSampleId :

VX0311WBSD01

Tgt Ion:	83	Resp:	68133
Ion Ratio	Lower	Upper	
83	100		
85	61.3	51.1	76.7
127	8.9	7.2	10.8

Manual Integrations
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#42

Vinyl Acetate

Concen: 100.616 ug/l

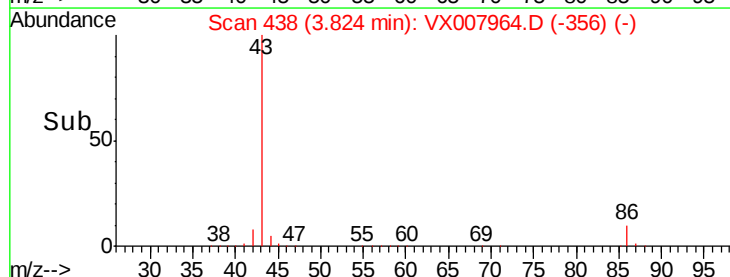
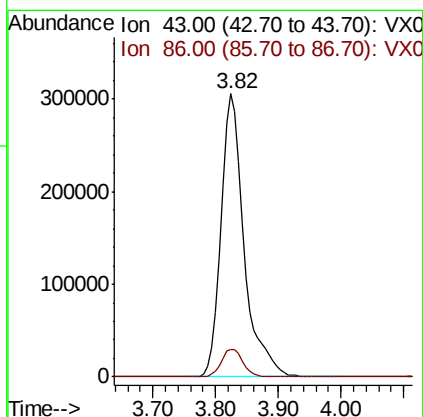
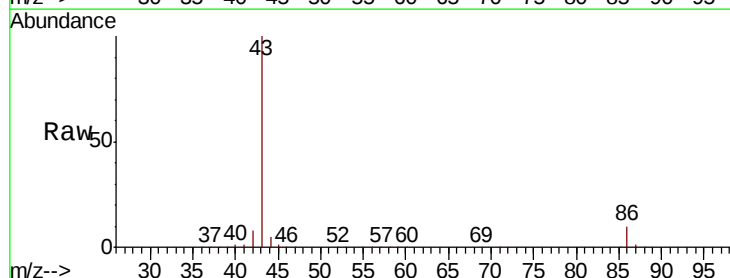
RT: 3.82 min Scan# 438

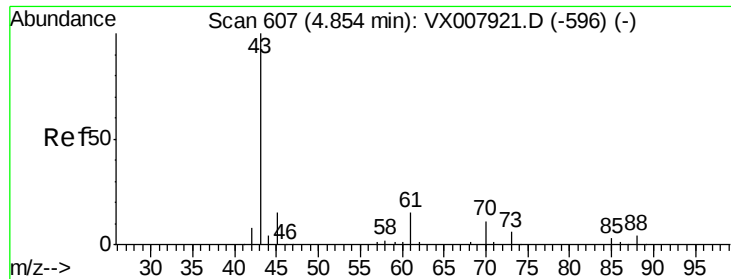
Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Tgt Ion:	43	Resp:	778503
Ion Ratio	Lower	Upper	
43	100		
86	9.2	8.2	12.2





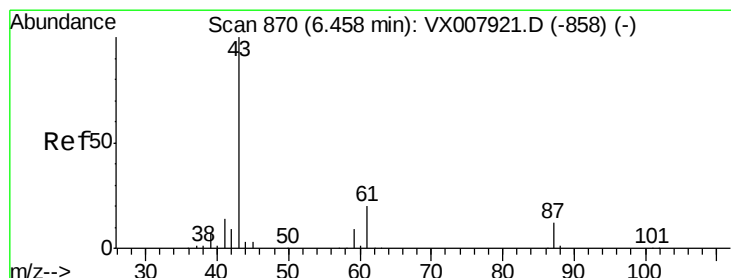
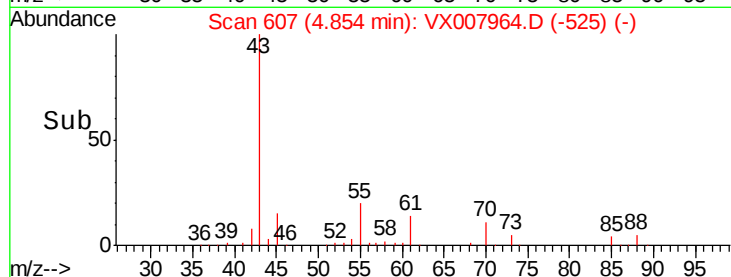
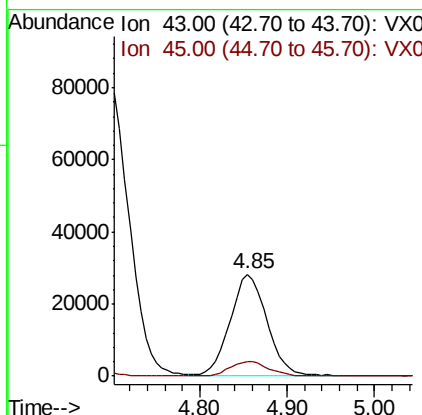
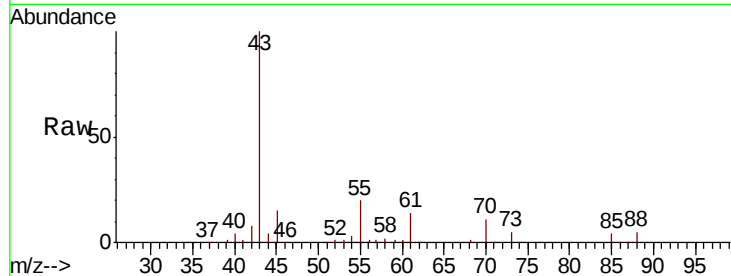
#43
Ethyl Acetate
Concen: 19.645 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 43 Resp: 81792
Ion Ratio Lower Upper
43 100
45 15.1 6.9 10.3#

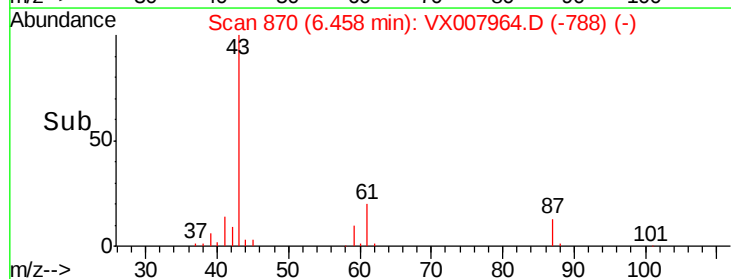
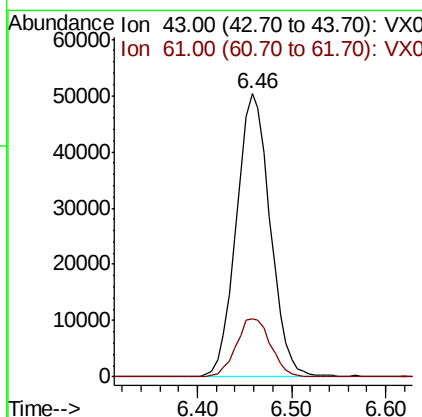
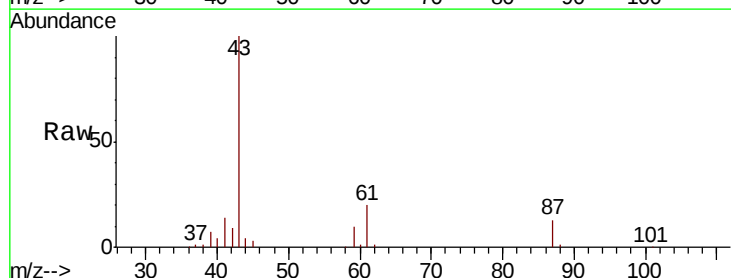
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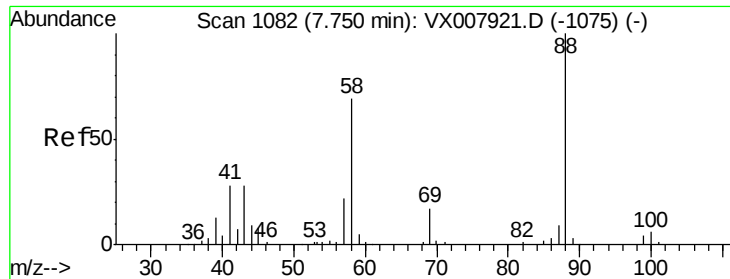
MMDadoda
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#44
Isopropyl Acetate
Concen: 19.709 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 43 Resp: 125202
Ion Ratio Lower Upper
43 100
61 21.1 16.1 24.1





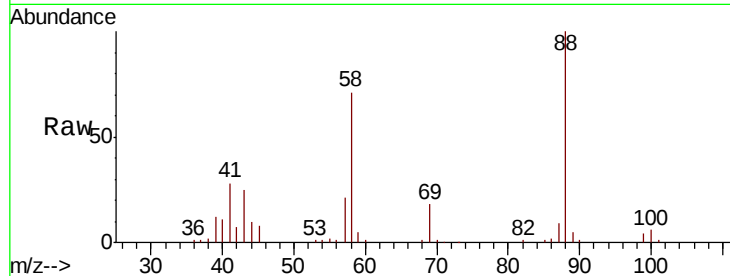
#45
1,4-Dioxane
Concen: 399.736 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

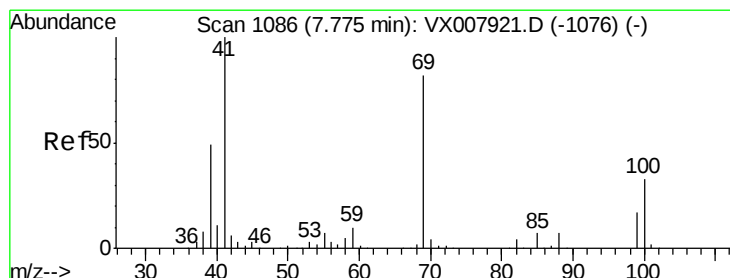
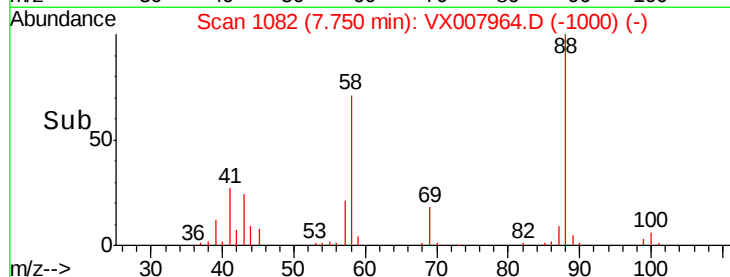
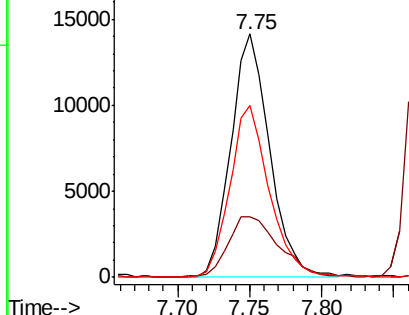
Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.0	23.6	35.4
58	72.0	51.6	77.4

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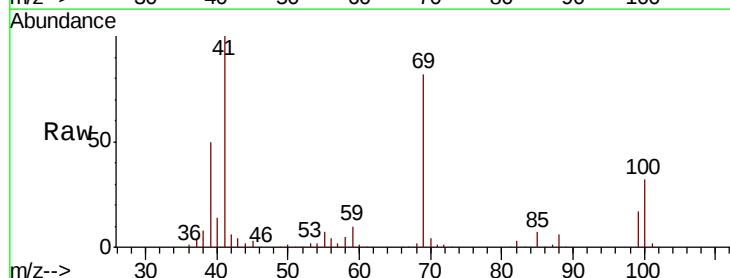


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

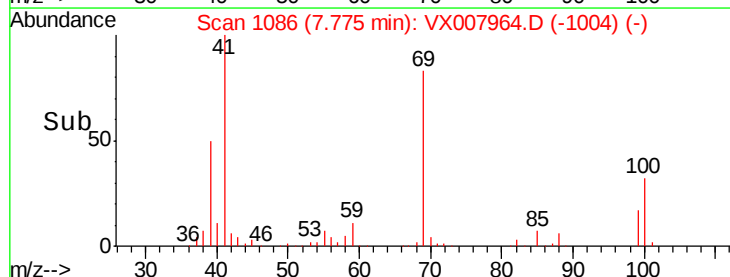
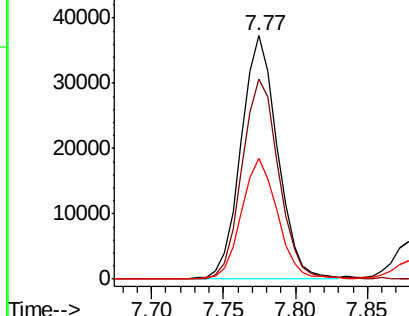


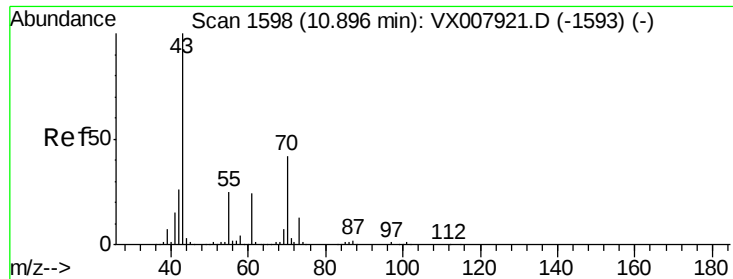
#46
Methyl methacrylate
Concen: 19.658 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.3	44.2	132.6
39	49.5	29.9	89.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#47

n-amy1 Acetate

Concen: 19.415 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 43 Resp: 106270

Ion Ratio Lower Upper

43 100

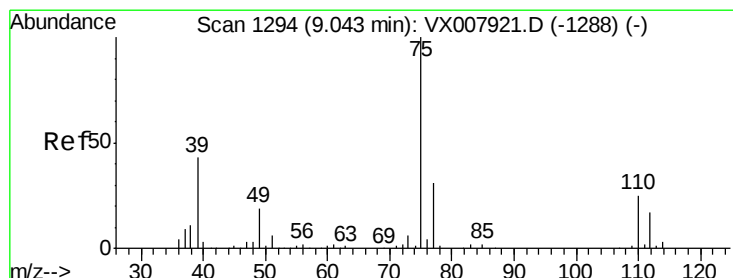
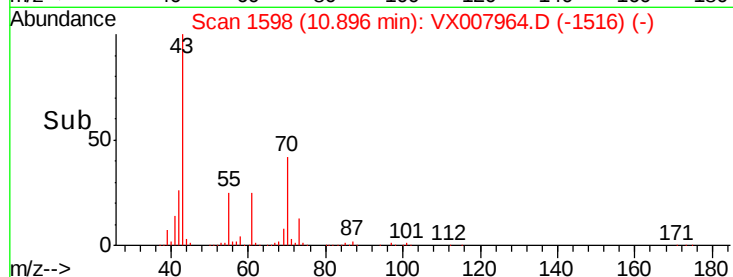
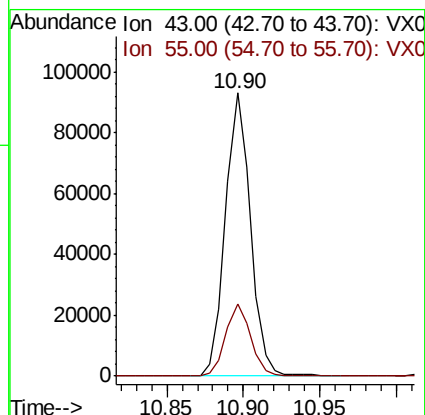
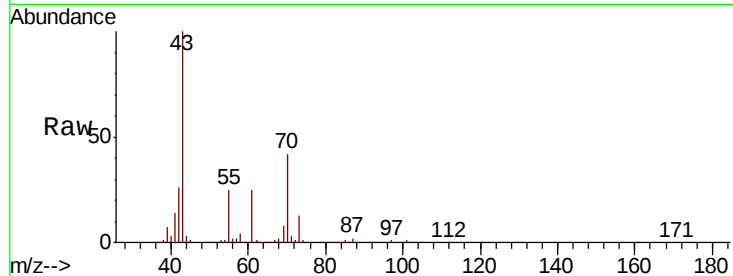
55 25.7 20.8 31.2

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#48

t-1,3-Dichloropropene

Concen: 19.870 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007964.D

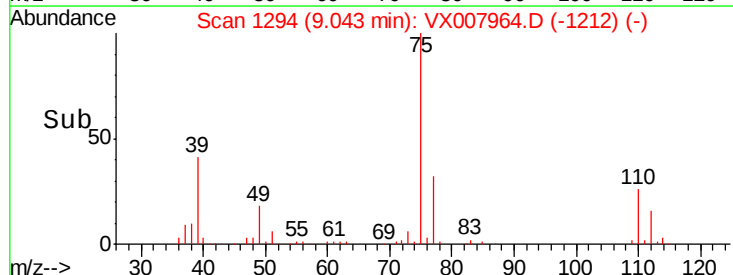
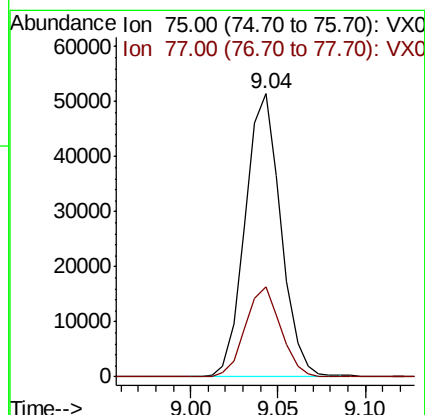
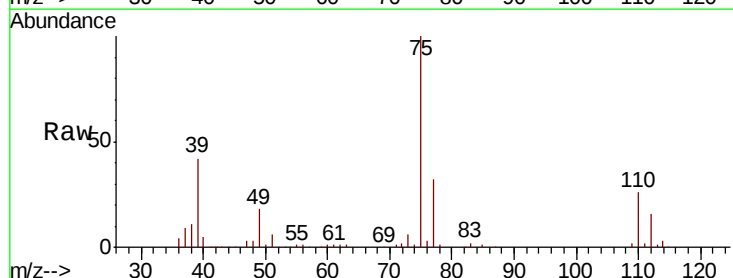
Acq: 11 Mar 2019 12:10

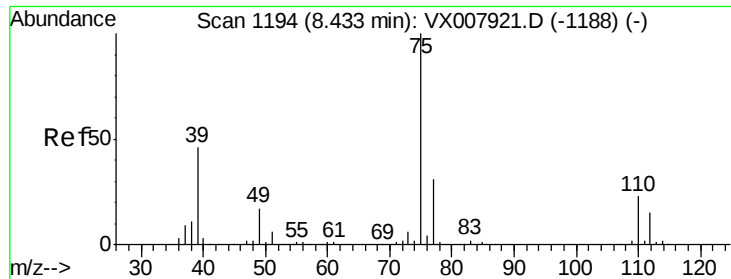
Tgt Ion: 75 Resp: 73078

Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7





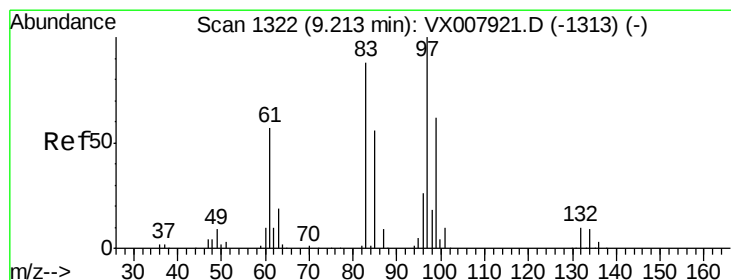
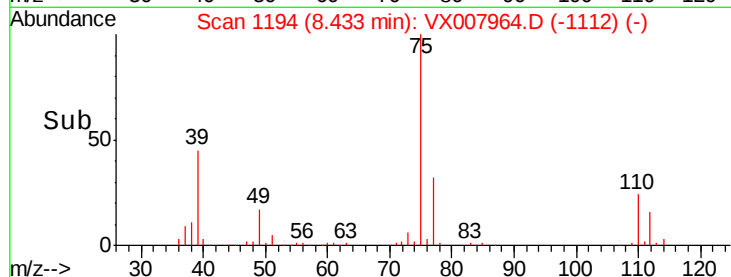
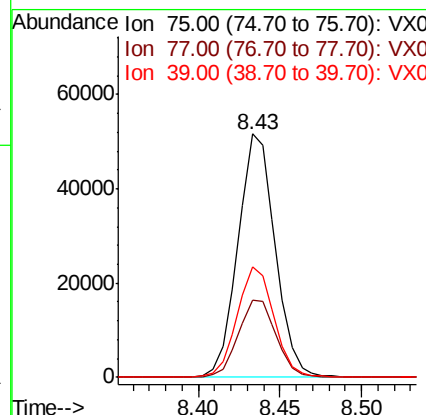
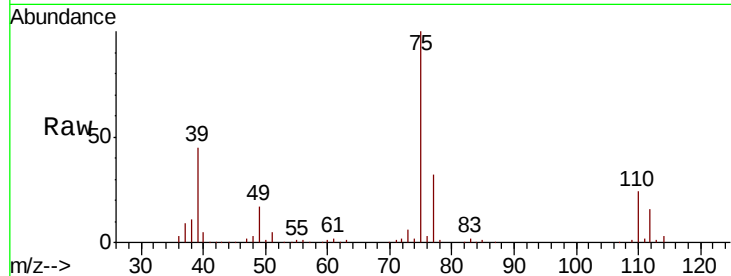
#49
 cis-1,3-Dichloropropene
 Concen: 19.730 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.4
39	45.0	38.5	57.7

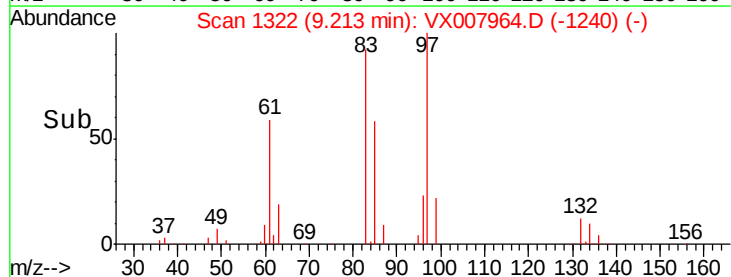
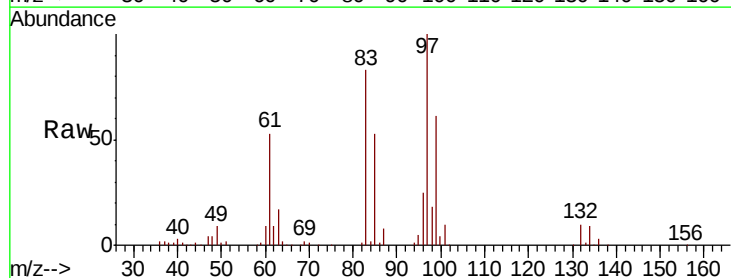
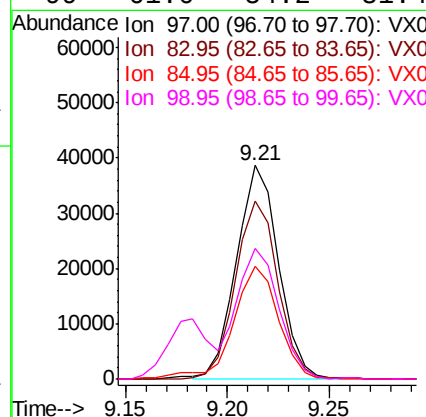
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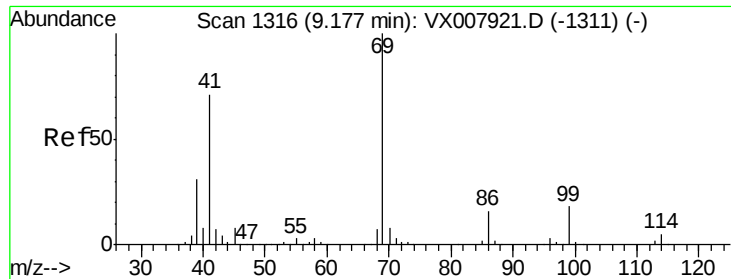
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#50
 1,1,2-Trichloroethane
 Concen: 20.202 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	52.8	45.0	67.6
99	61.0	54.2	81.4





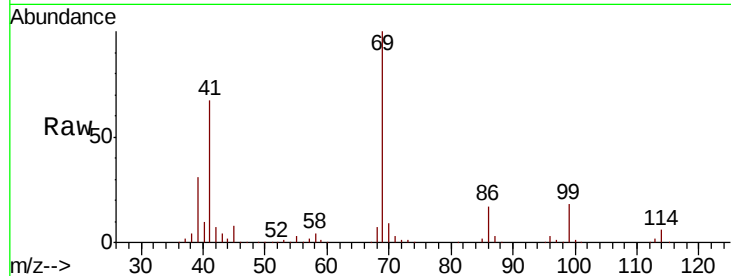
#51
Ethyl methacrylate
Concen: 19.728 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

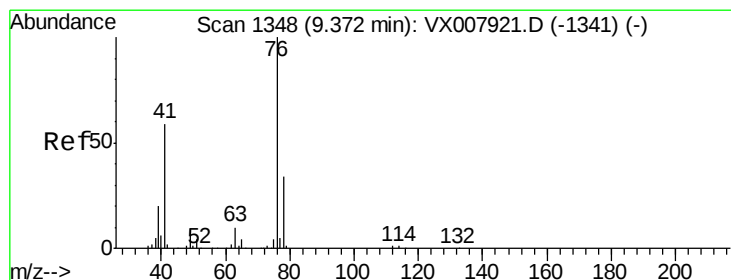
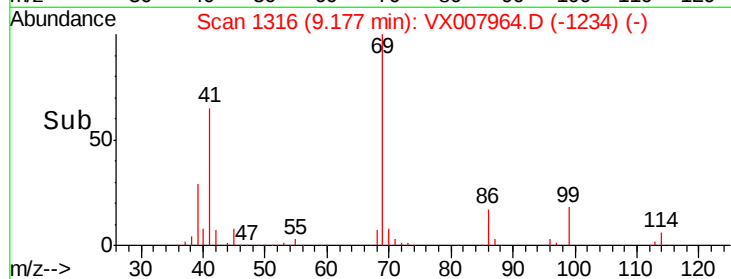
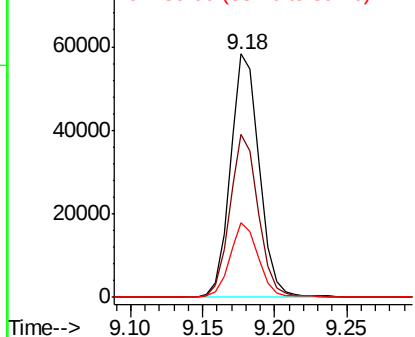
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.0	32.1	96.5
39	30.8	18.8	56.3

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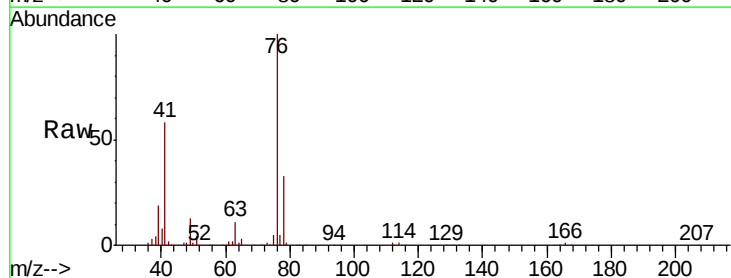


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

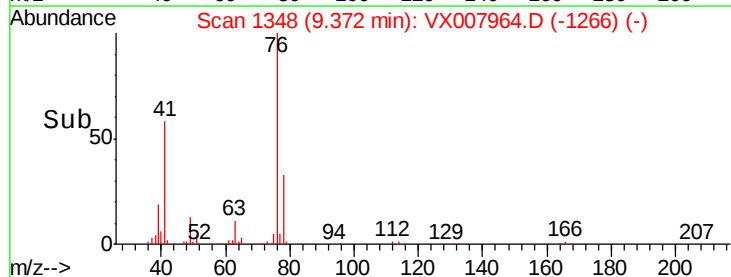
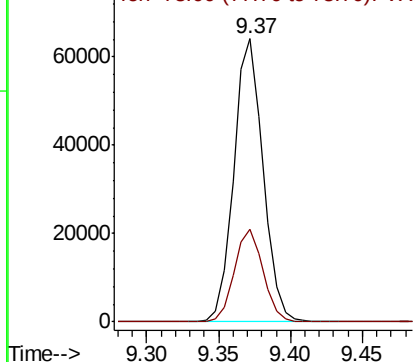


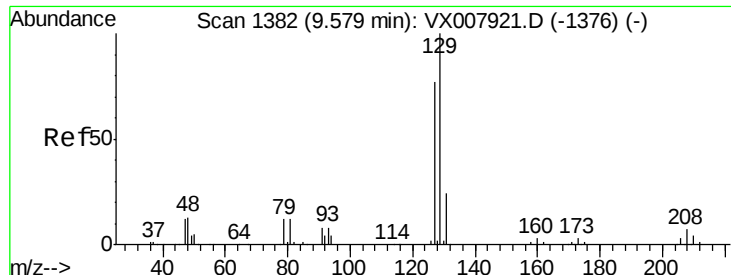
#52
1,3-Dichloropropane
Concen: 20.083 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





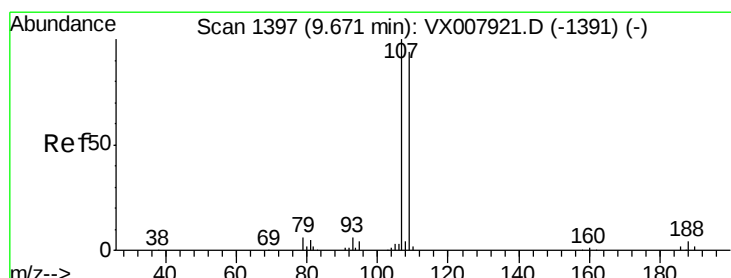
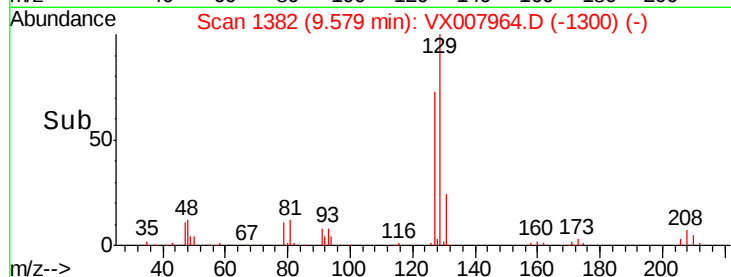
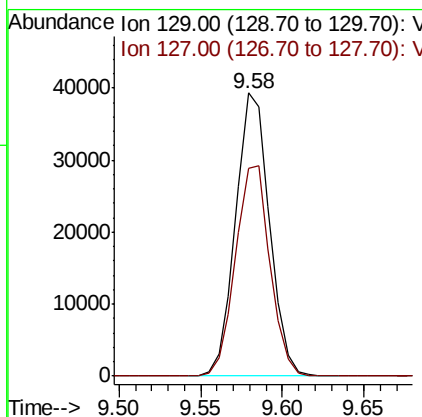
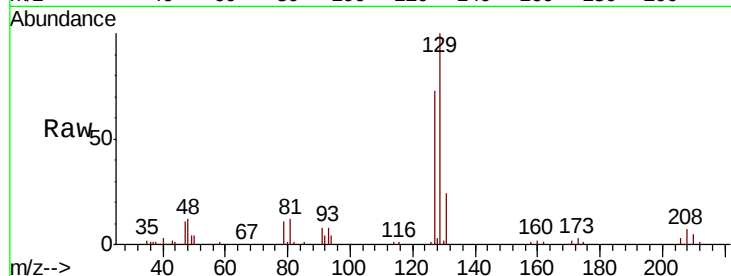
#53
 Dibromochloromethane
 Concen: 20.218 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion:129 Resp: 56952
 Ion Ratio Lower Upper
 129 100
 127 75.9 38.4 115.2

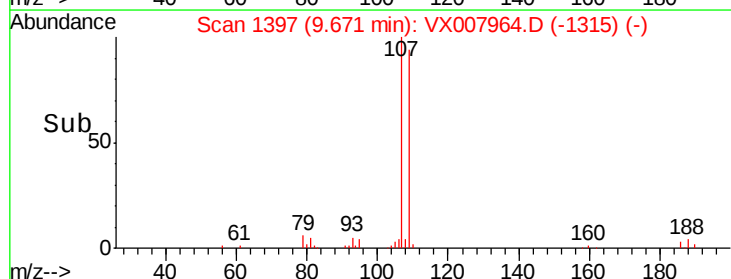
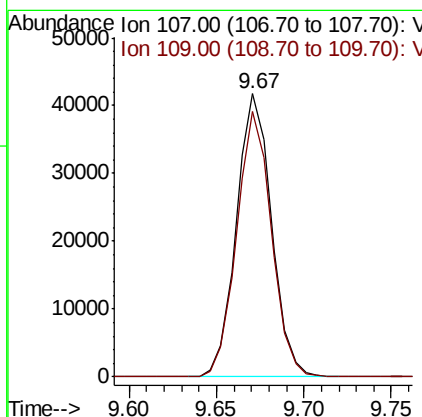
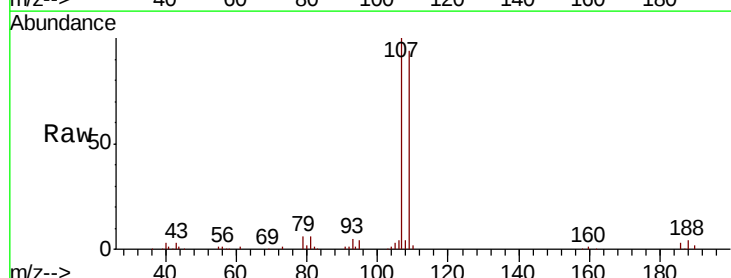
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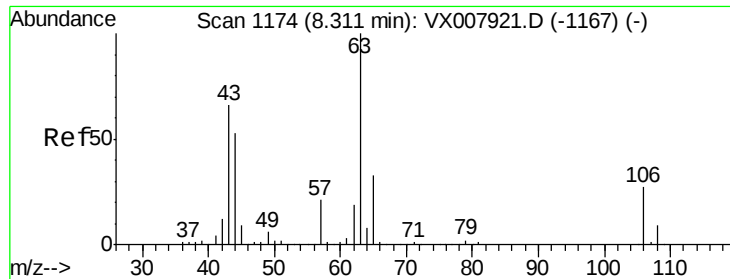
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#54
 1,2-Dibromoethane
 Concen: 20.356 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion:107 Resp: 58280
 Ion Ratio Lower Upper
 107 100
 109 92.9 76.6 115.0





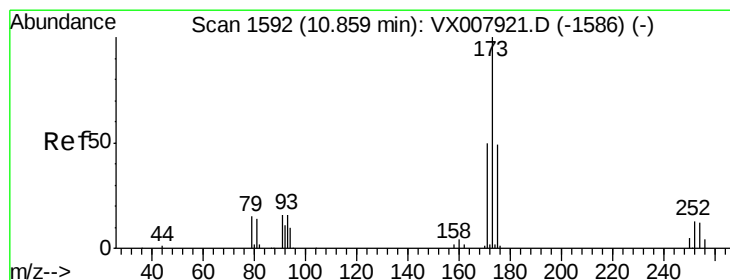
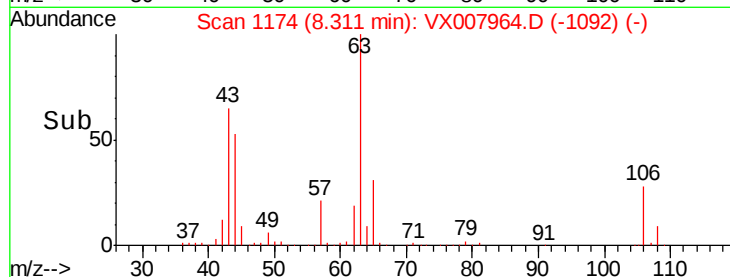
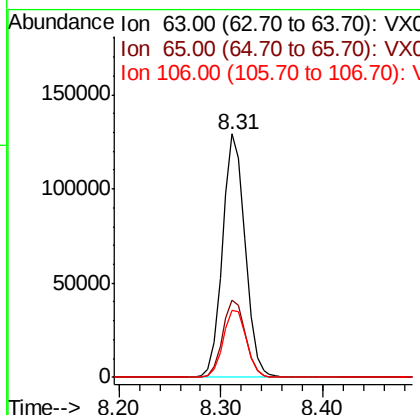
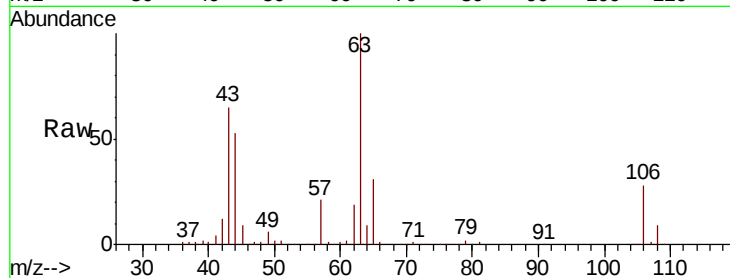
#55
2-Chloroethyl vinyl ether
Concen: 103.038 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.7	38.5
106	28.5	23.7	35.5

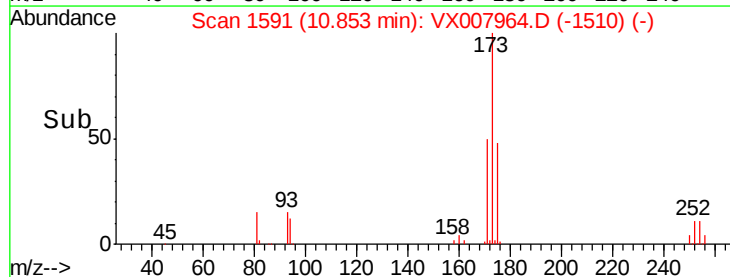
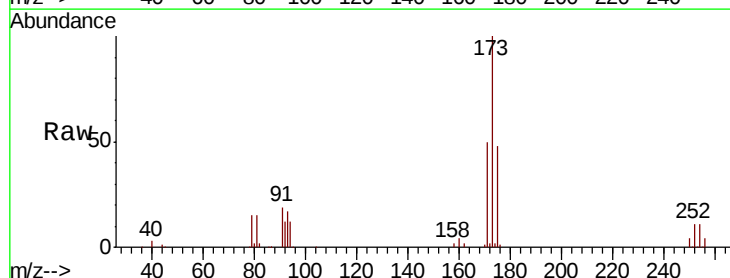
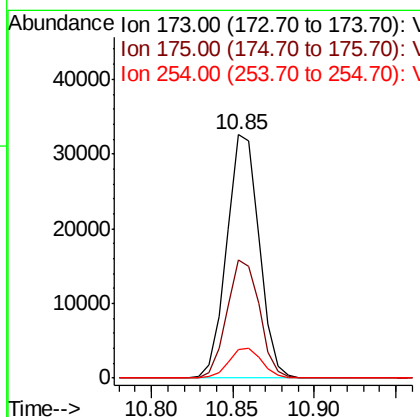
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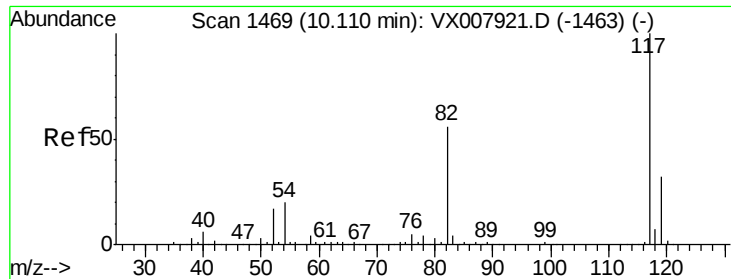
MMDadoda
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#56
Bromoform
Concen: 20.046 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.5	57.7
254	12.3	7.4	11.2





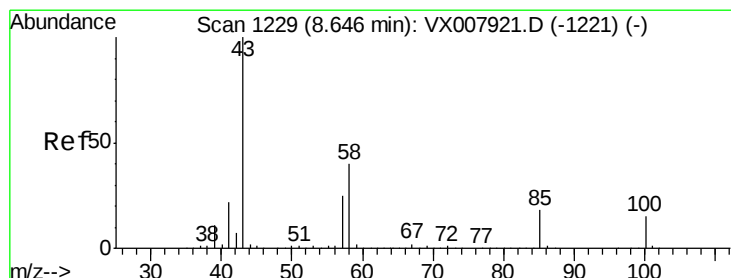
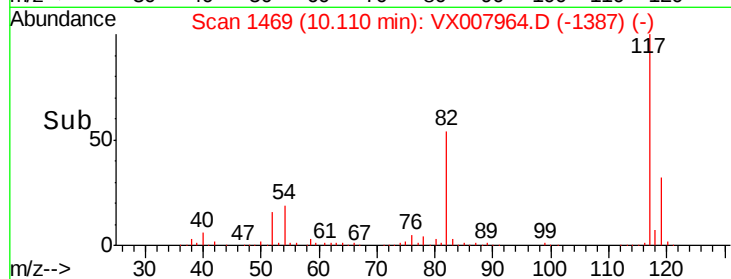
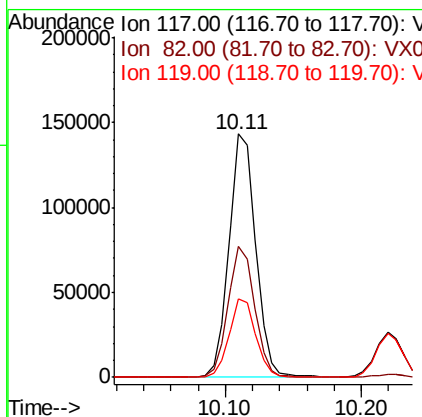
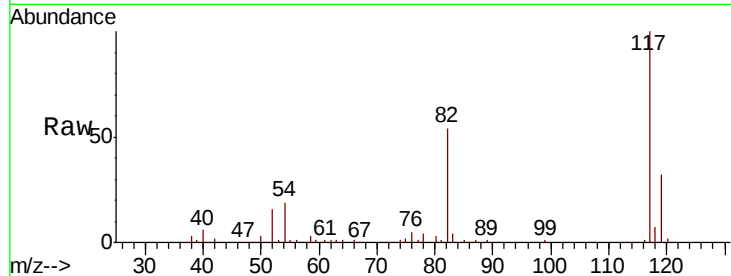
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	196358		
82	53.6	40.4	60.6	
119	32.3	25.8	38.6	

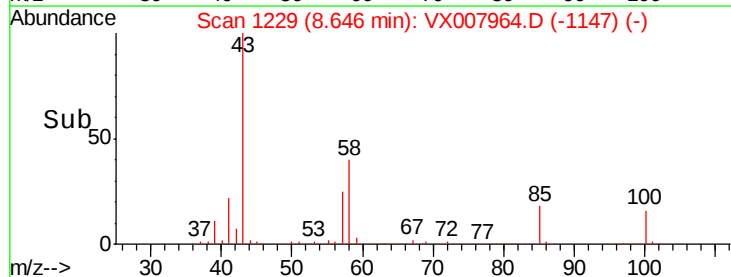
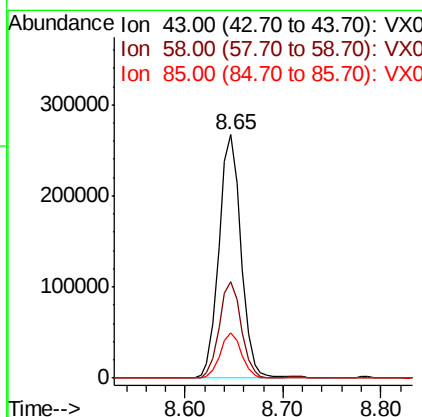
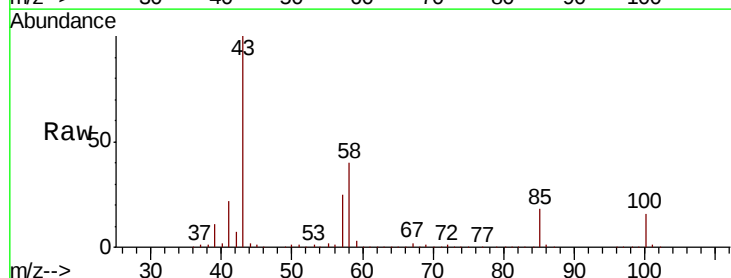
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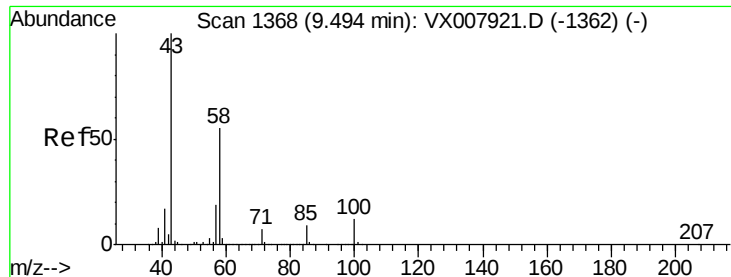
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 103.323 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	417707		
58	39.5	31.4	47.0	
85	18.1	15.0	22.6	





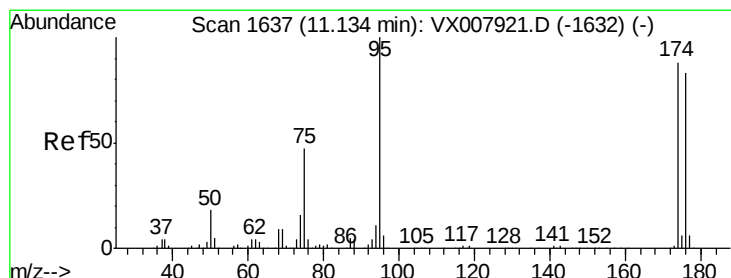
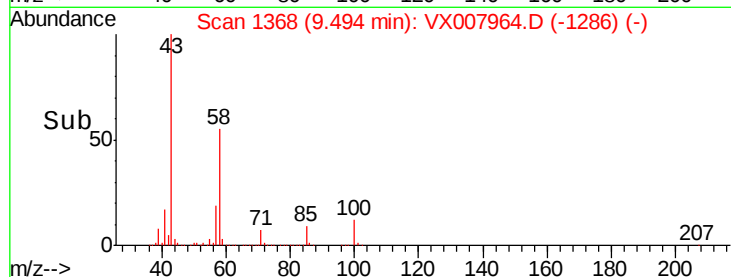
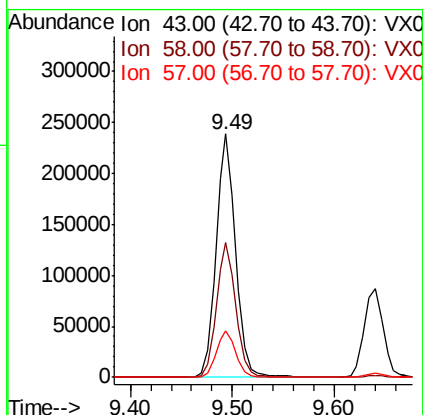
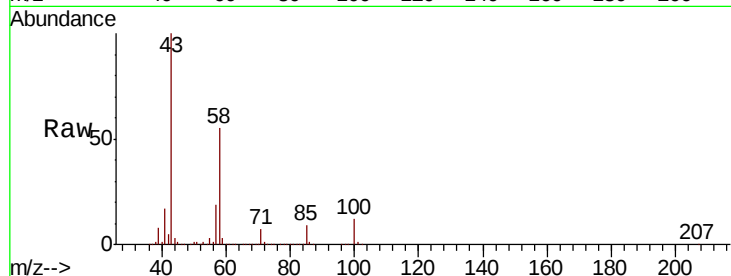
#59
2-Hexanone
Concen: 100.171 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	319667		
58	55.4		43.9	65.9
57	19.1		14.9	22.3

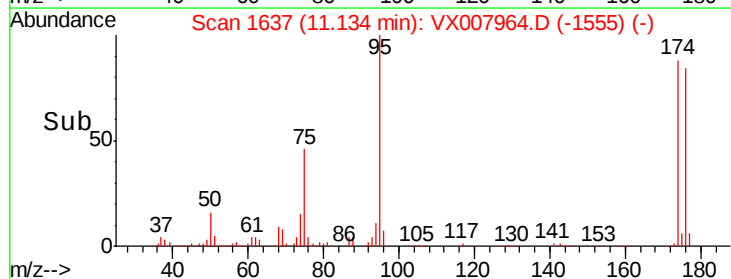
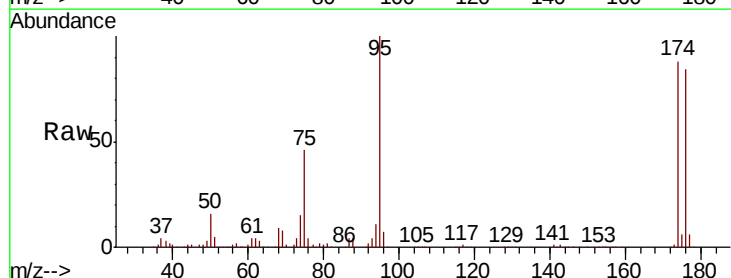
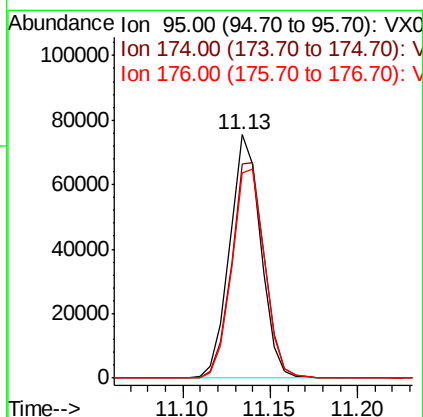
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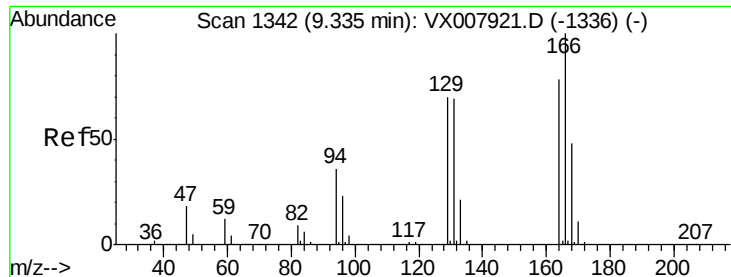
MMDadoda
3/12/2019 1:10:03 PM



#60
4-Bromofluorobenzene
Concen: 29.760 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	93271		
174	93.9		74.9	112.3
176	90.6		70.7	106.1





#61

Tetrachloroethene

Concen: 20.815 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 164 Resp: 59622

Ion Ratio Lower Upper

164 100

166 126.2 103.9 155.9

129 88.0 74.7 112.1

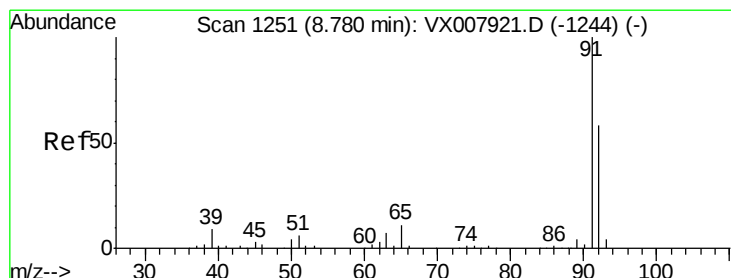
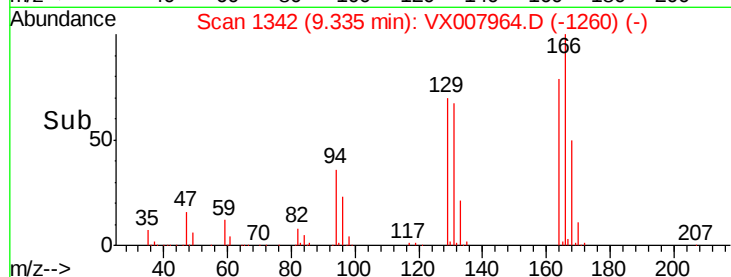
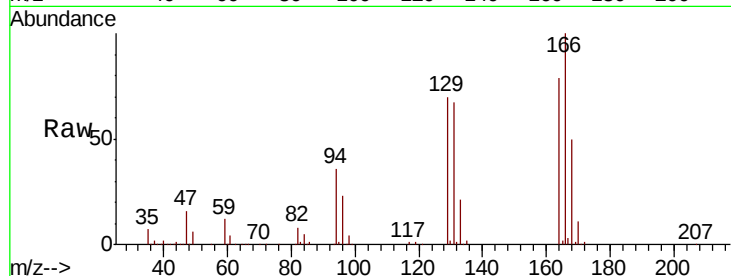
131 84.7 71.7 107.5

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#62

Toluene

Concen: 19.854 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007964.D

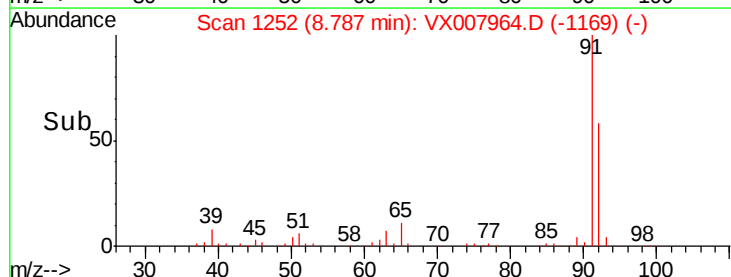
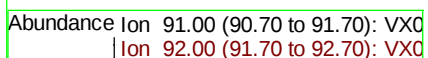
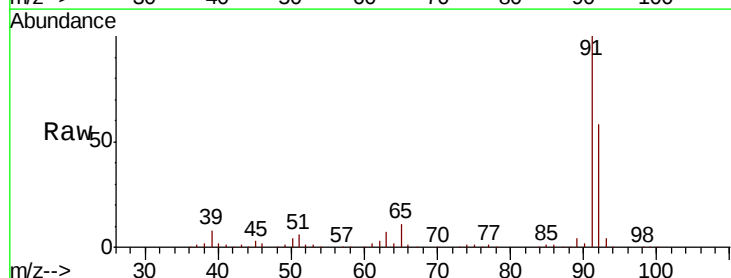
Acq: 11 Mar 2019 12:10

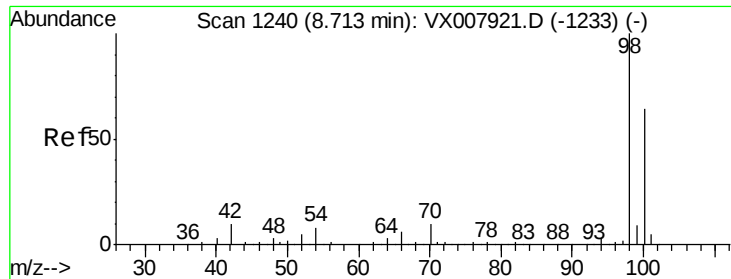
Tgt Ion: 91 Resp: 227643

Ion Ratio Lower Upper

91 100

92 58.4 46.4 69.6





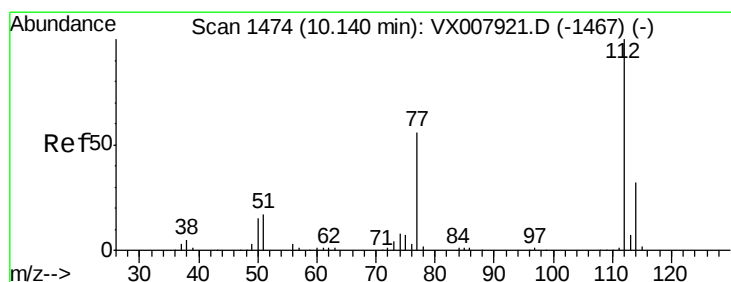
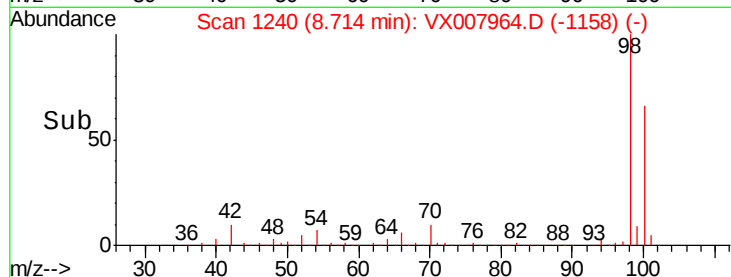
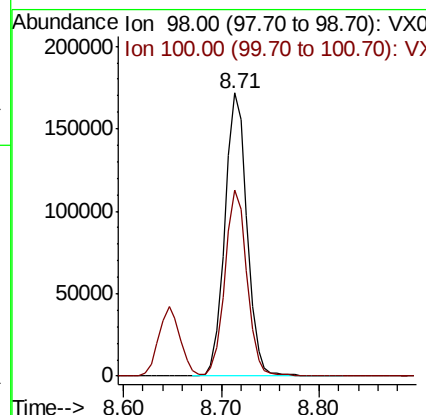
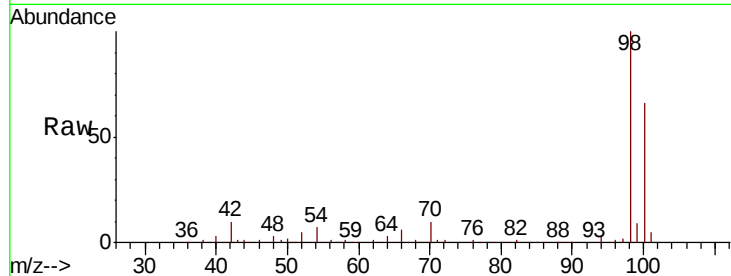
#63
Toluene-d8
Concen: 30.081 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 98 Resp: 270310
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3

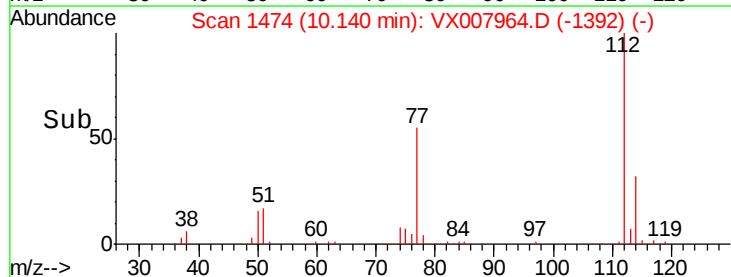
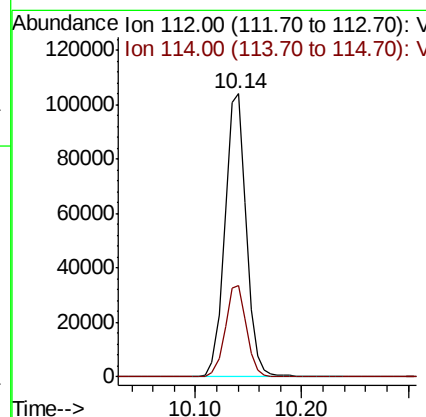
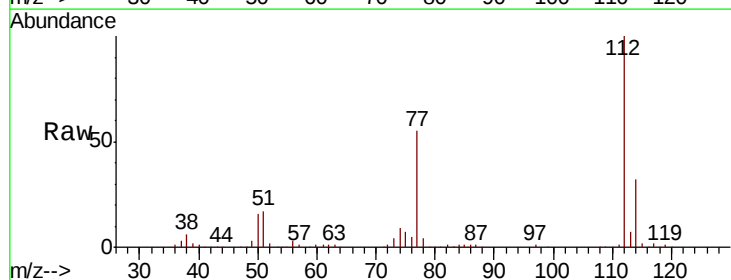
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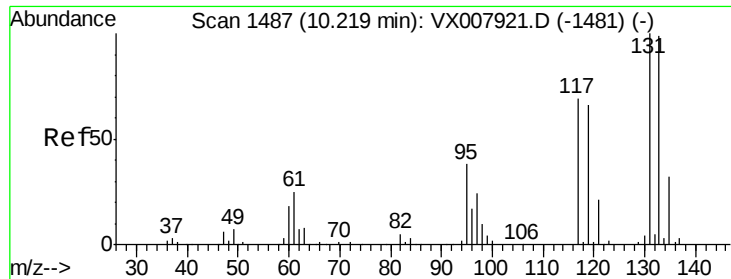
MMDadoda
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#64
Chlorobenzene
Concen: 19.946 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion: 112 Resp: 145758
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.728 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

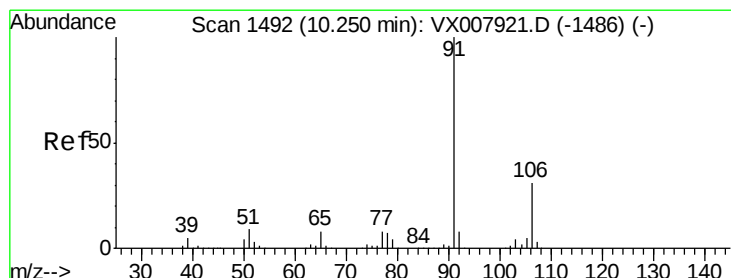
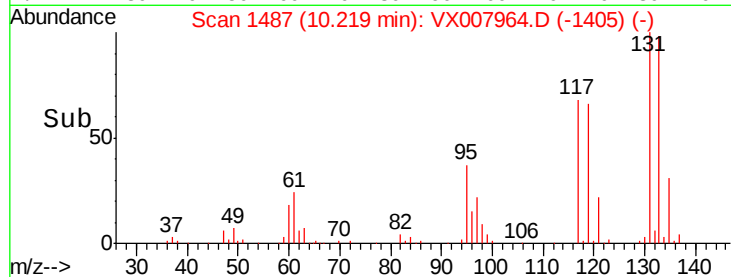
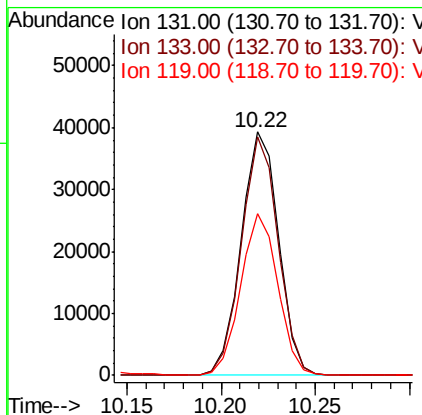
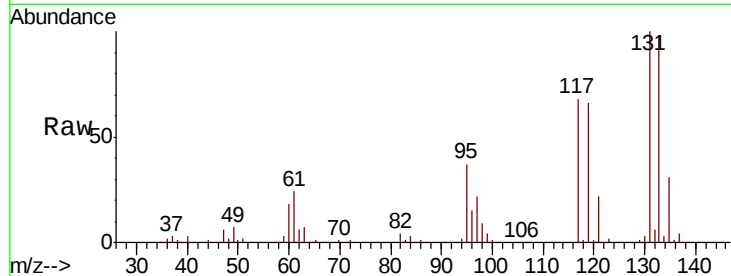
ClientSampleId :

VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	0.0	191.6
119	65.1	0.0	127.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.612 ug/l

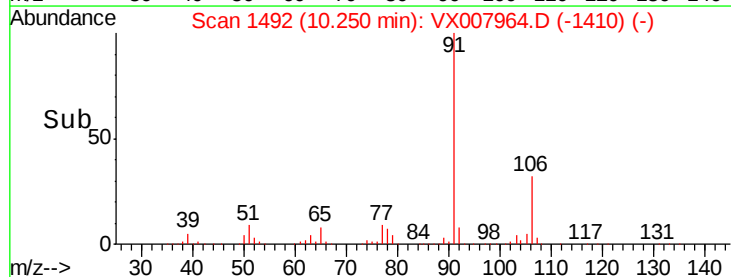
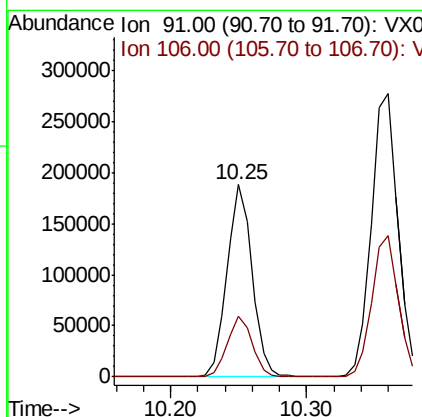
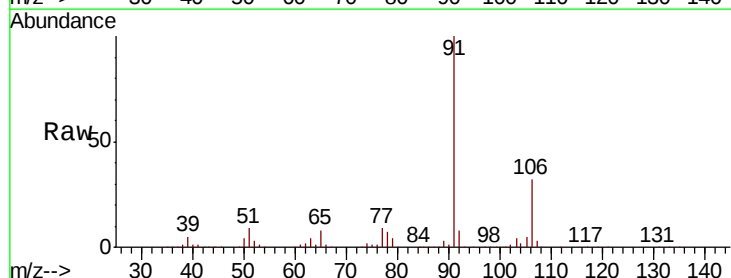
RT: 10.25 min Scan# 1492

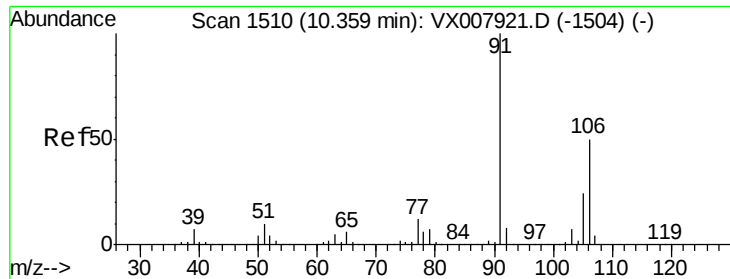
Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.0	39.0





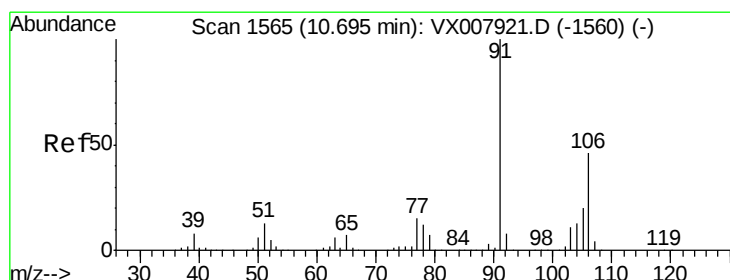
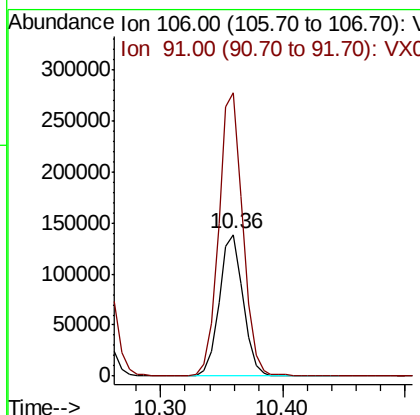
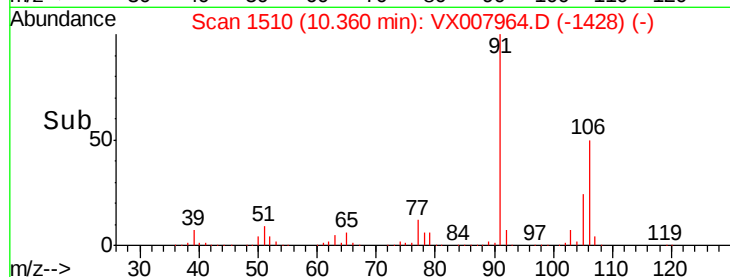
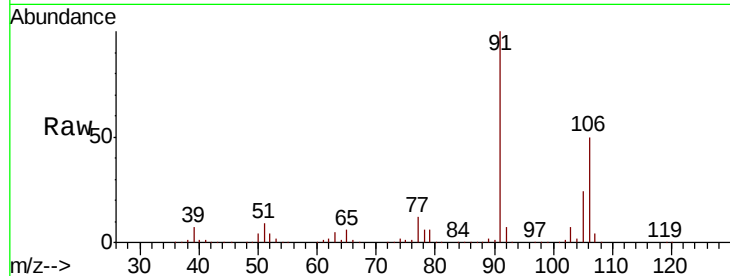
#67
m/p-Xylenes
Concen: 39.787 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:106 Resp: 187887
Ion Ratio Lower Upper
106 100
91 200.9 157.0 235.4

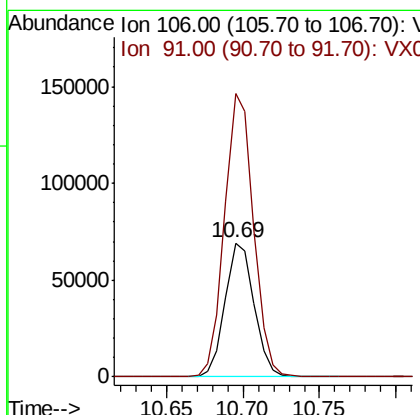
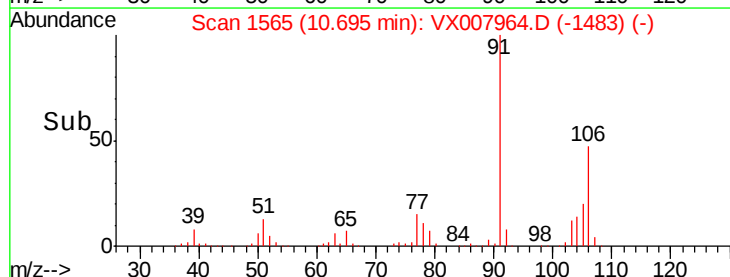
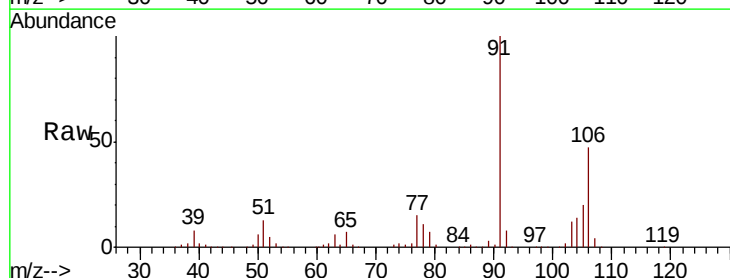
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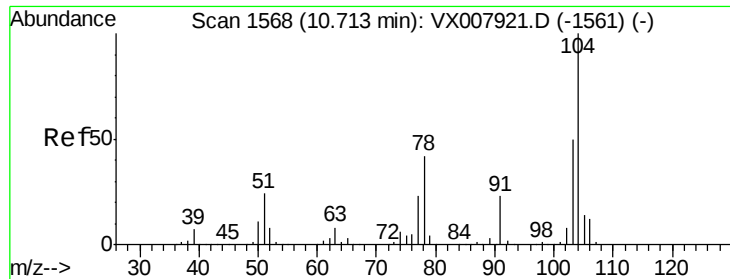
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#68
o-Xylene
Concen: 19.854 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion:106 Resp: 91042
Ion Ratio Lower Upper
106 100
91 210.8 104.4 313.2





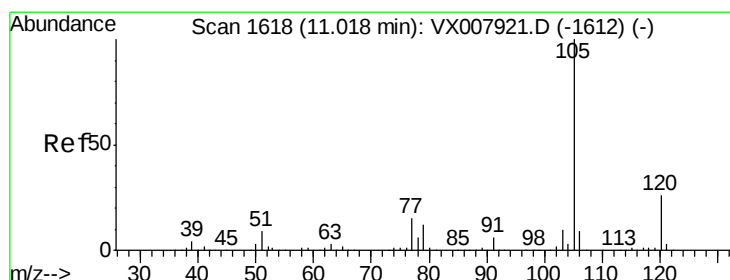
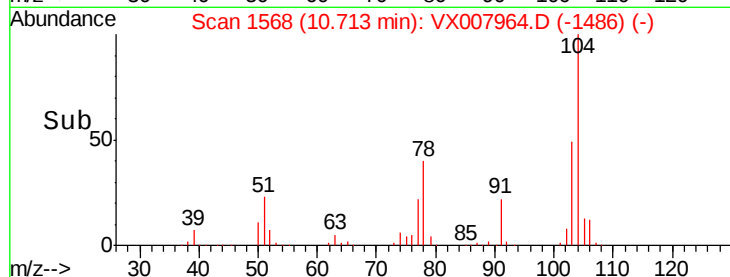
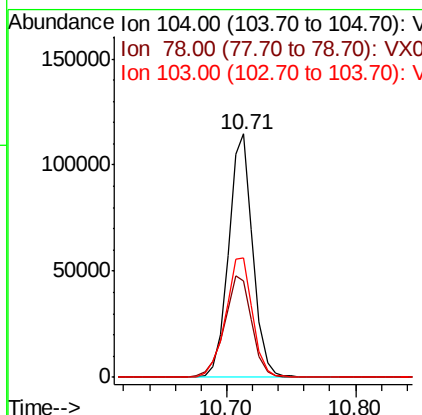
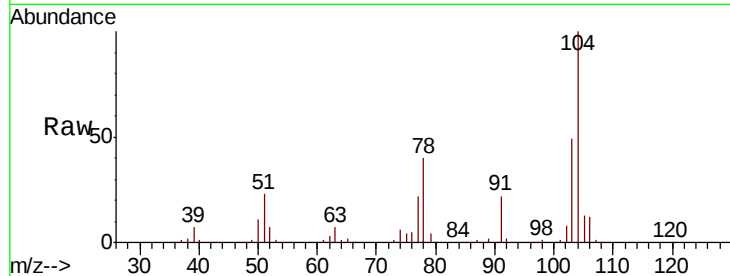
#69
Styrene
Concen: 19.852 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	38.2	57.2
103	54.9	45.0	67.4

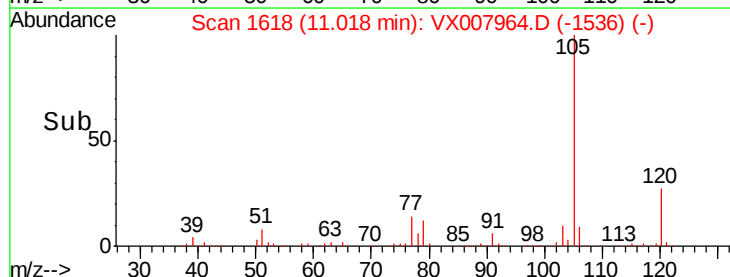
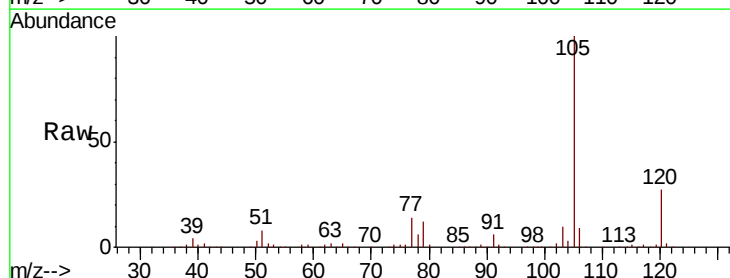
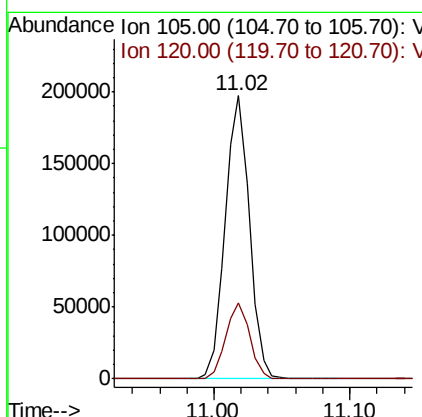
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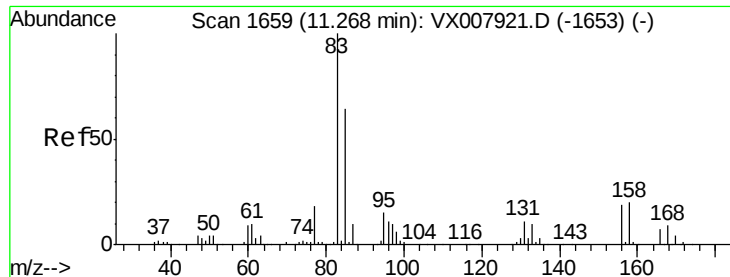
MMDadoda
3/12/2019 1:10:03 PM



#70
Isopropylbenzene
Concen: 19.944 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.8	36.8





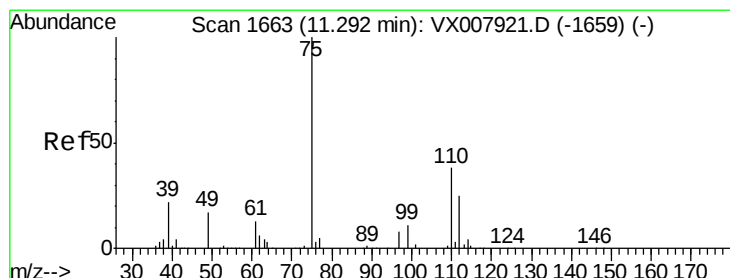
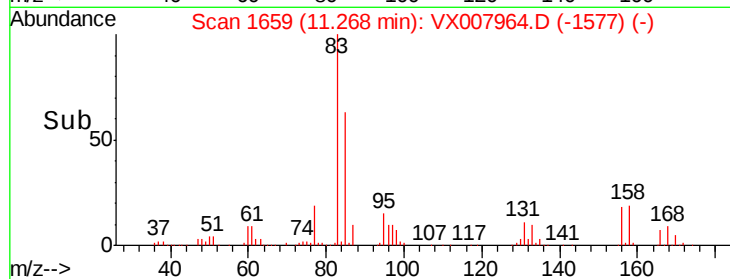
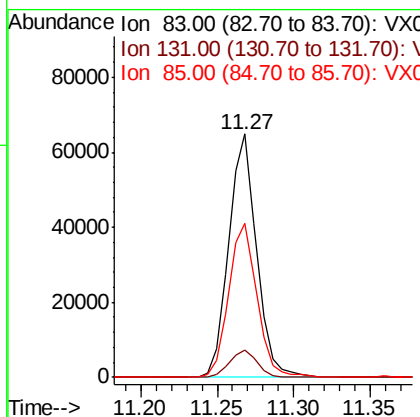
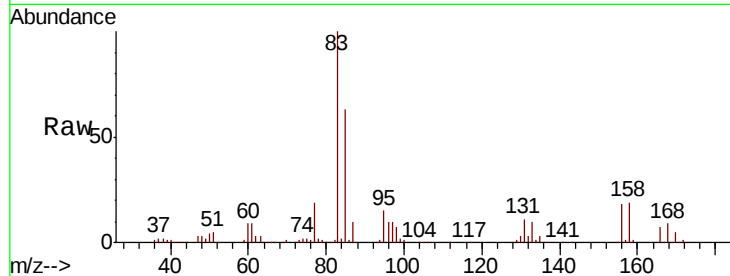
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.177 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.4	16.2
85	64.7	32.8	98.4

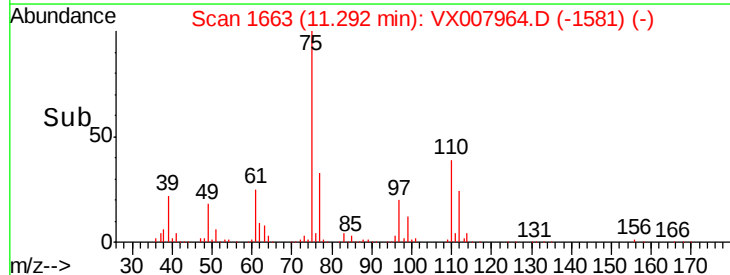
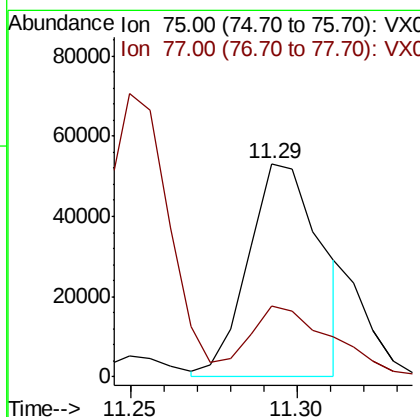
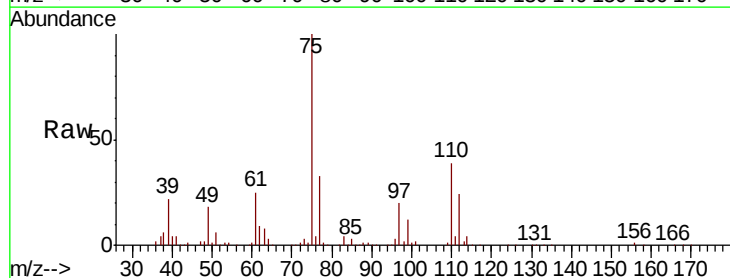
Manual Integrations
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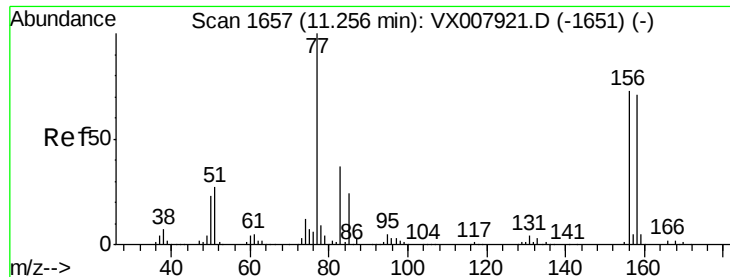
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 3/12/2019 1:10:03 PM



#72
 1,2,3-Trichloropropane
 Concen: 20.880 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.4	0.0	76.4





#73

Bromobenzene

Concen: 20.294 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

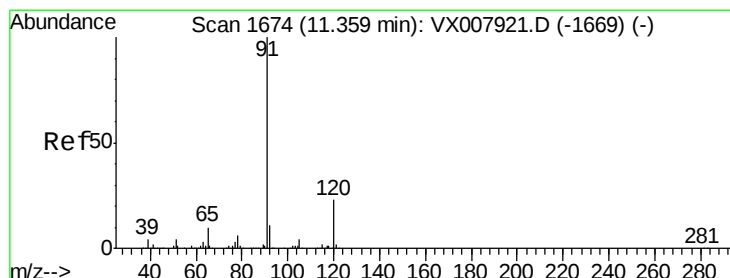
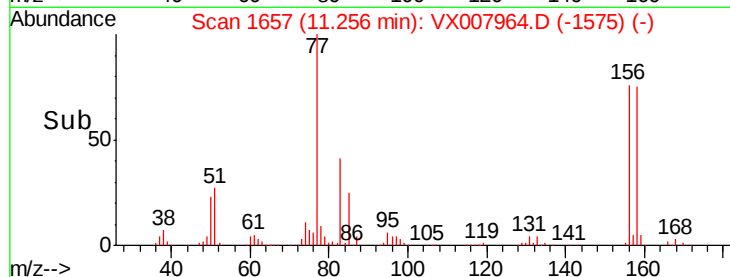
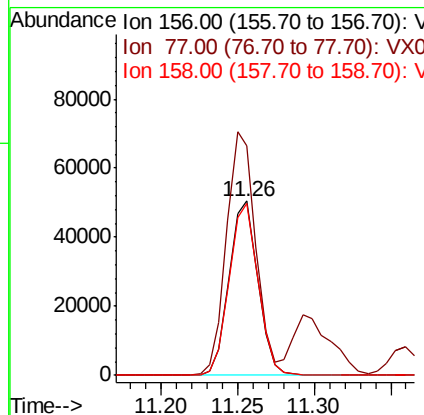
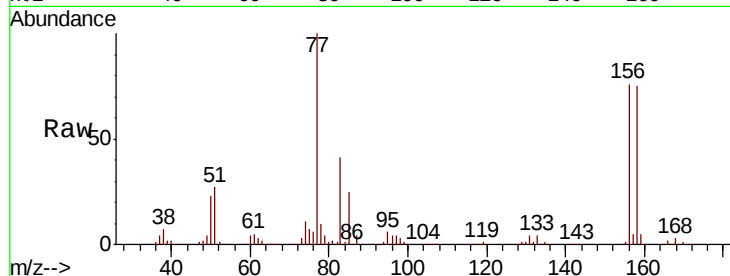
ClientSampleId :

VX0311WBSD01

Tgt Ion:	156	Resp:	66110
Ion Ratio	Lower	Upper	
156	100		
77	140.4	0.0	271.4
158	98.9	0.0	194.0

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#74

n-propylbenzene

Concen: 19.694 ug/l

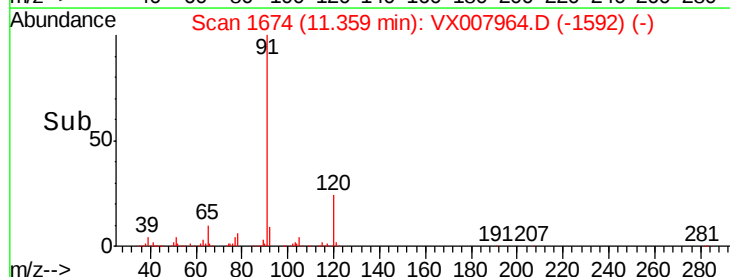
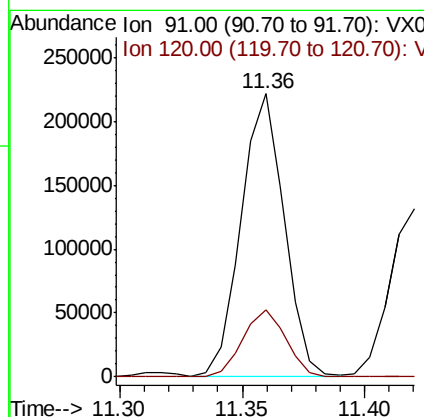
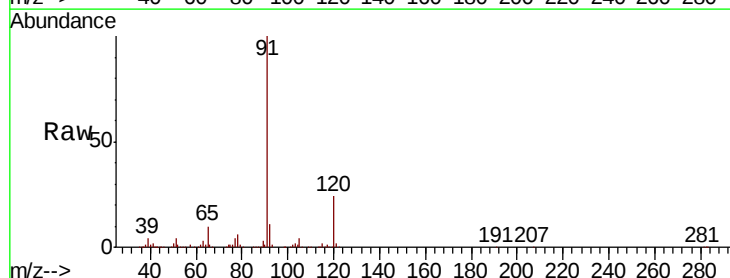
RT: 11.36 min Scan# 1674

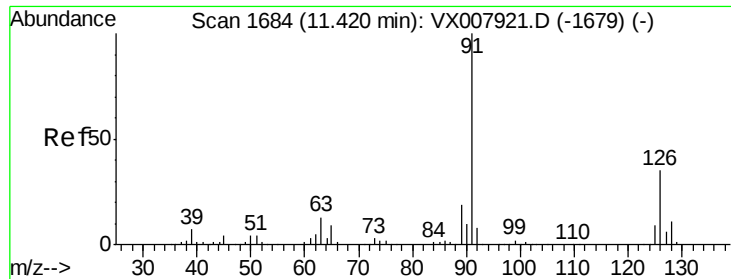
Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Tgt Ion:	91	Resp:	272205
Ion Ratio	Lower	Upper	
91	100		
120	23.8	0.0	48.6





#75

2-Chlorotoluene

Concen: 19.785 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 91 Resp: 163911

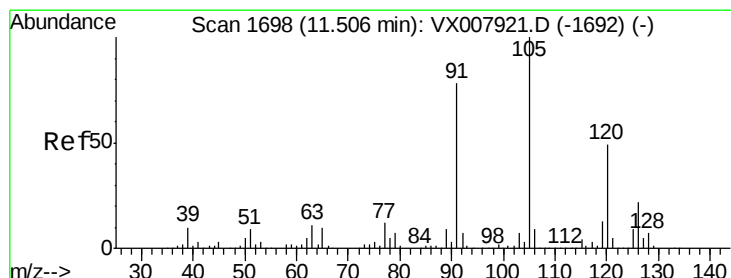
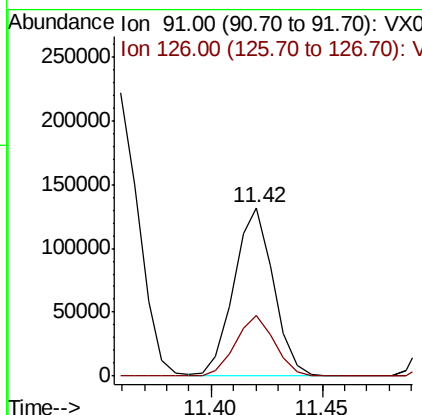
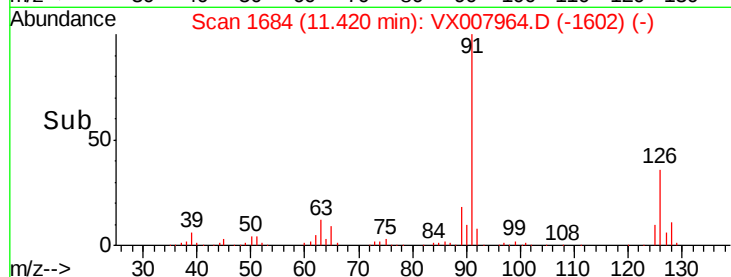
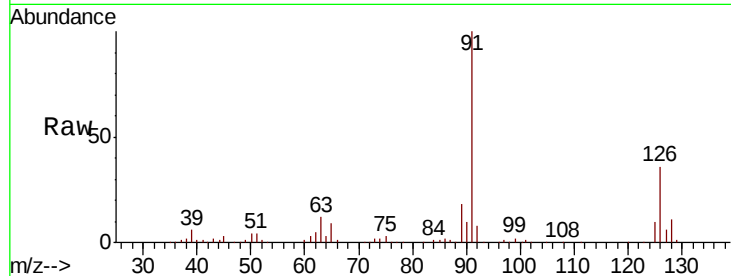
Ion Ratio Lower Upper

91 100

126 35.0 0.0 75.2

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#76

1,3,5-Trimethylbenzene

Concen: 19.965 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007964.D

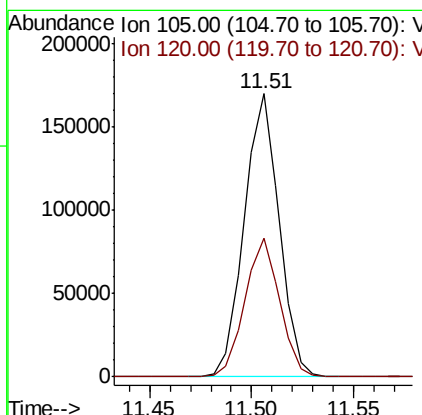
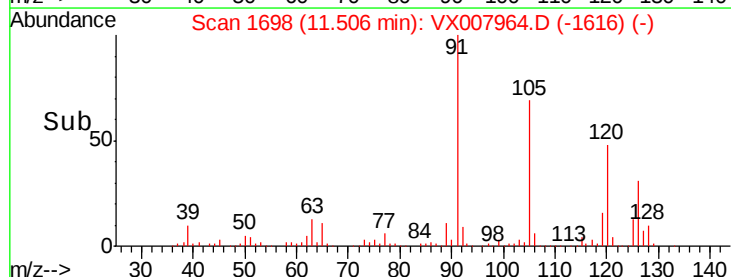
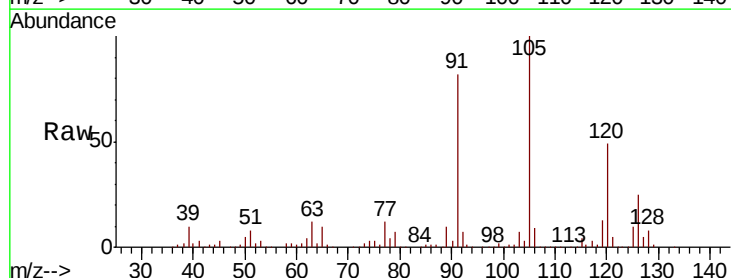
Acq: 11 Mar 2019 12:10

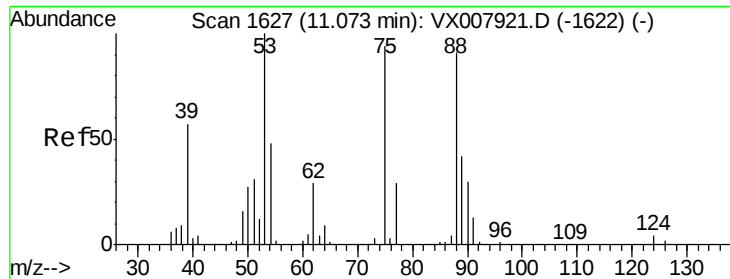
Tgt Ion: 105 Resp: 202742

Ion Ratio Lower Upper

105 100

120 49.1 0.0 101.0





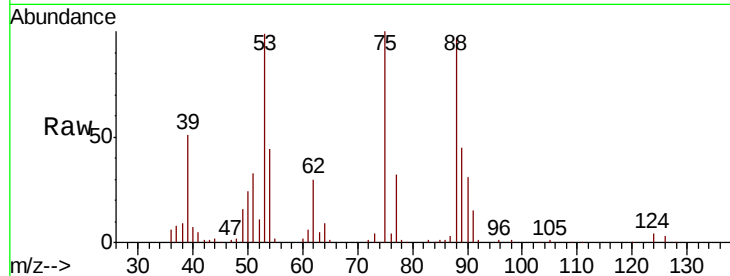
#77
t-1,4-Dichloro-2-butene
Concen: 19.717 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

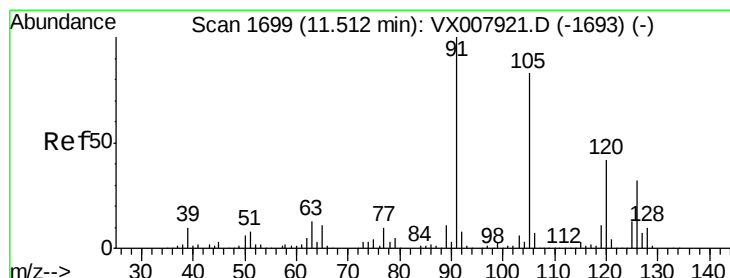
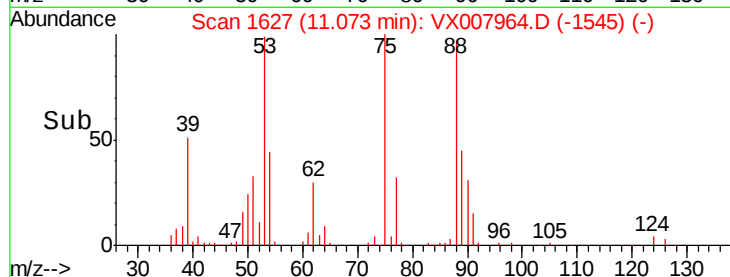
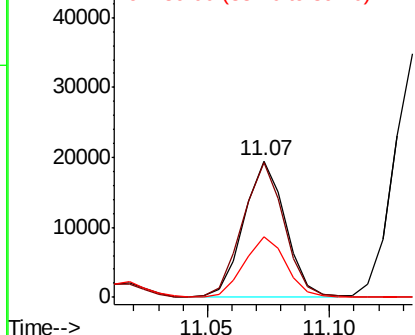
Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.8	55.5	166.7
89	44.6	24.4	73.2

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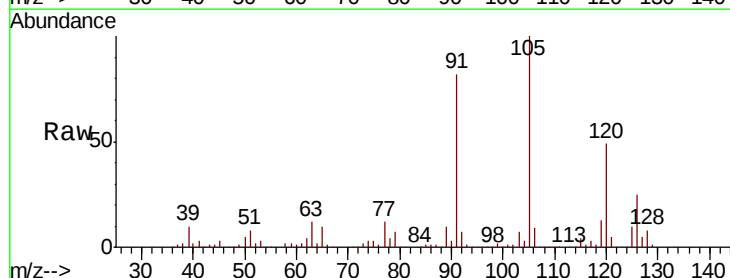


Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0

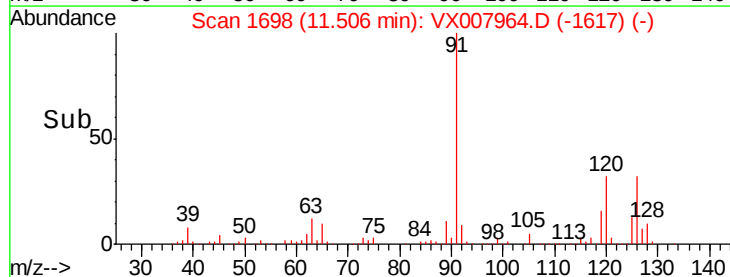
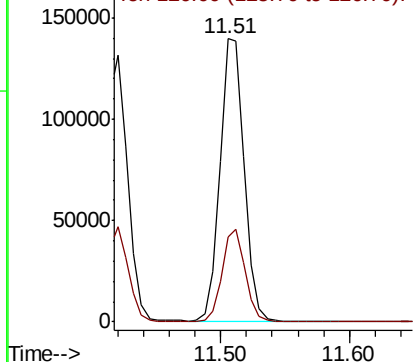


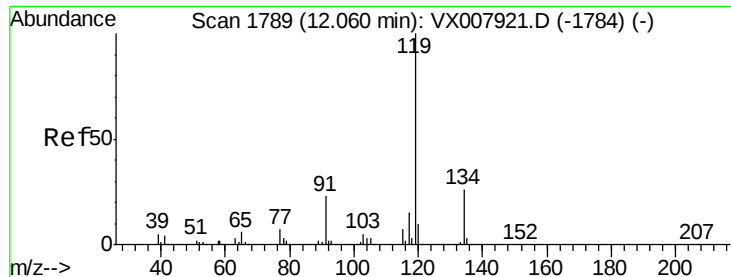
#78
4-Chlorotoluene
Concen: 19.810 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





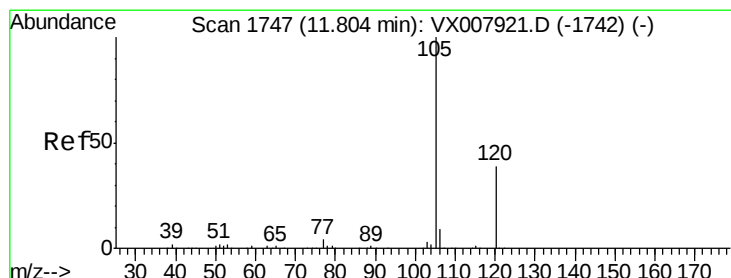
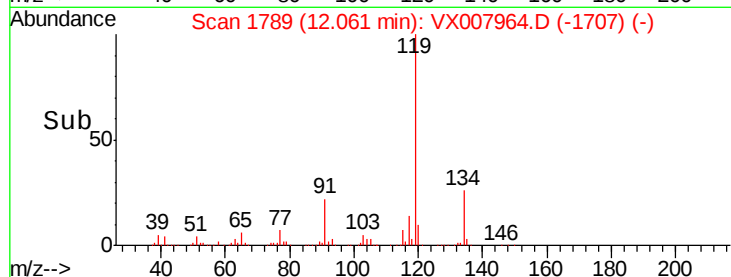
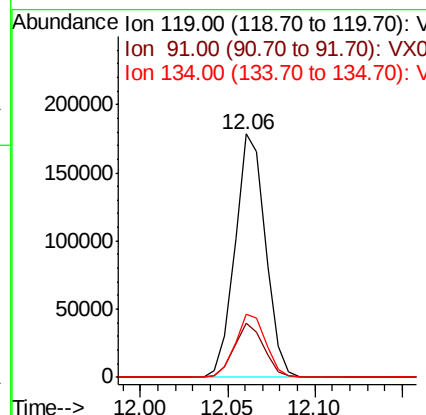
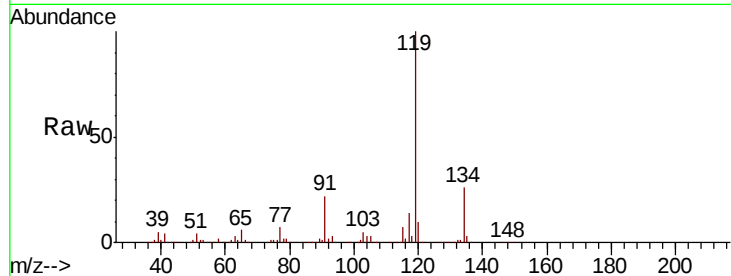
#79
tert-butylbenzene
Concen: 19.854 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	216360		
91	21.9	0.0	45.0	
134	25.9	0.0	55.4	

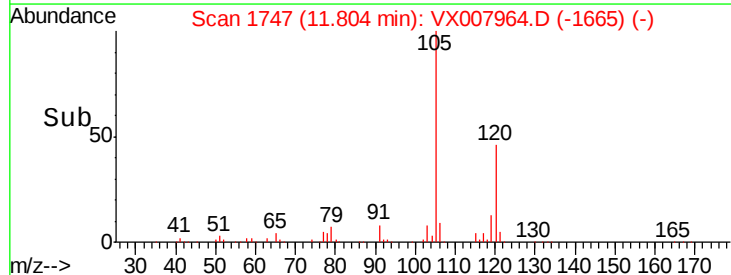
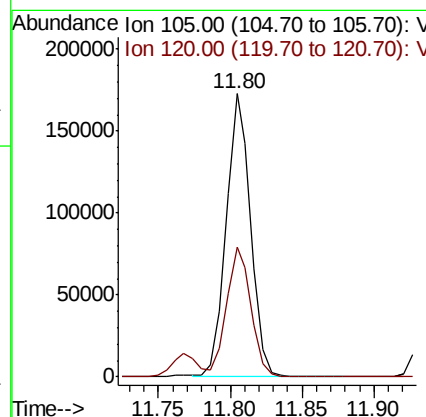
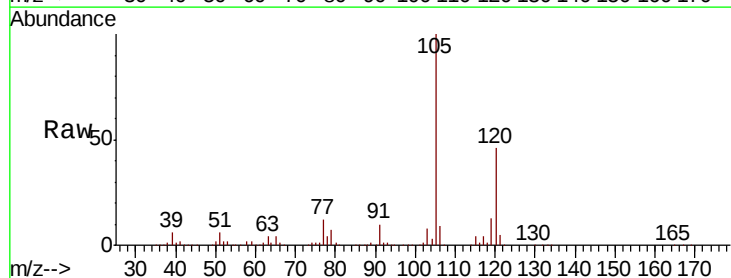
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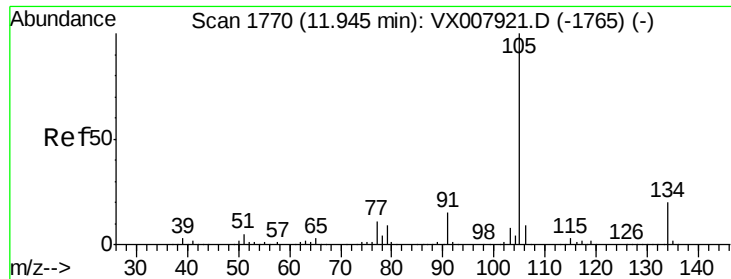
MMDadoda
3/12/2019 1:10:03 PM



#80
1,2,4-Trimethylbenzene
Concen: 20.001 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206143		
120	45.4	0.0	94.0	





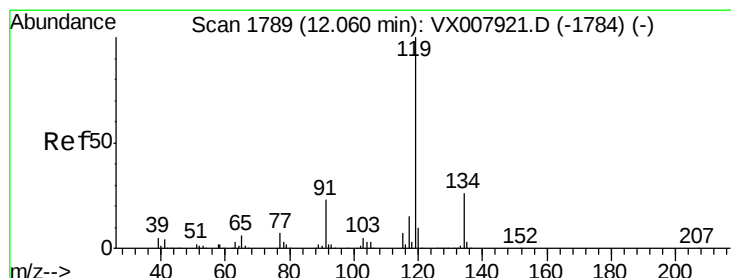
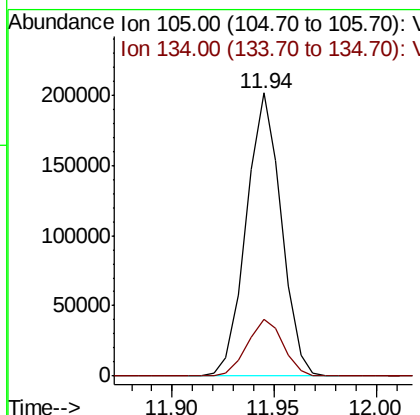
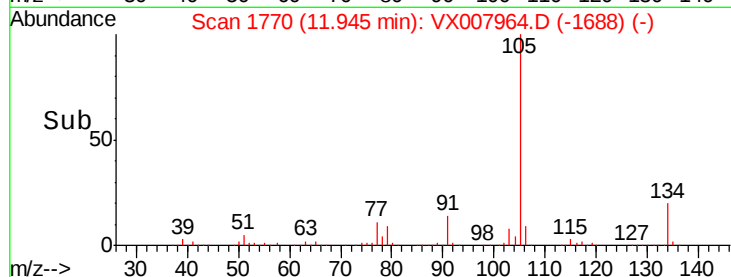
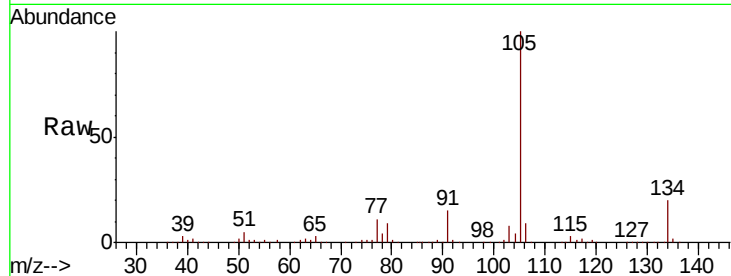
#81
 sec-Butylbenzene
 Concen: 19.686 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion:105 Resp: 240292
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.8

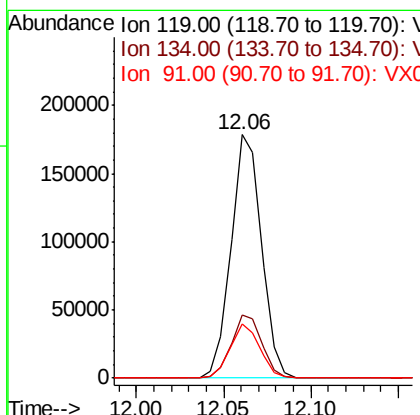
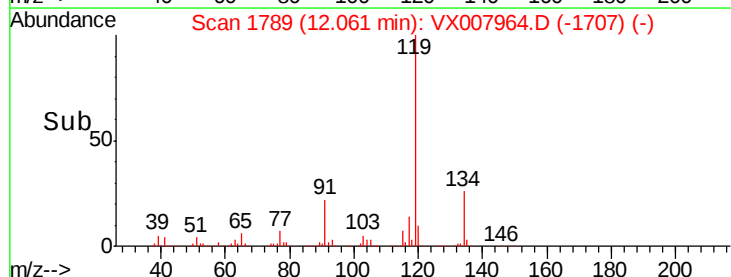
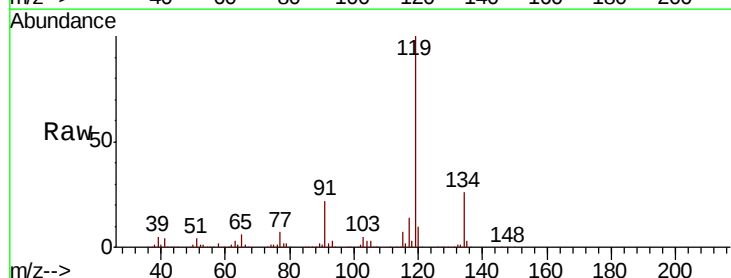
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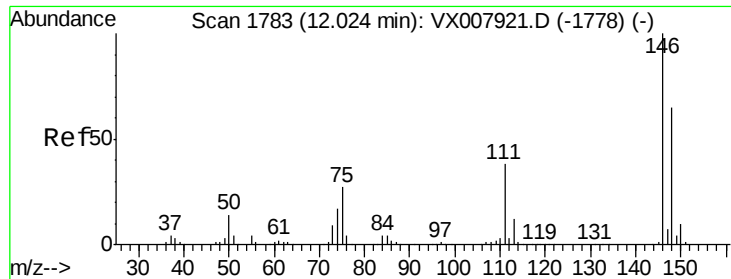
MMDadoda
 3/12/2019 1:10:03 PM



#82
 p-Isopropyltoluene
 Concen: 19.854 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion:119 Resp: 216360
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 55.4
 91 21.9 0.0 45.0





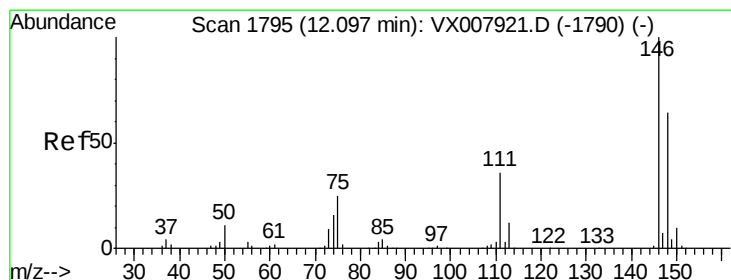
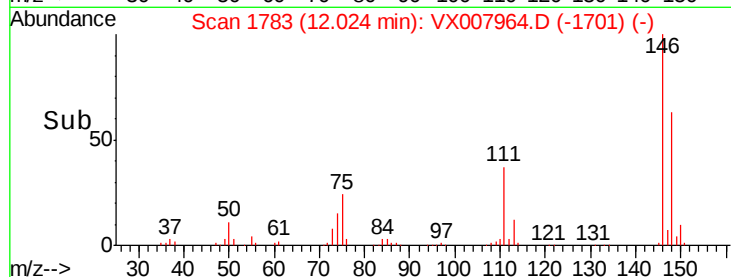
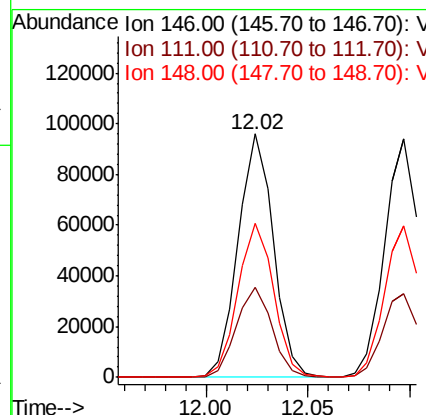
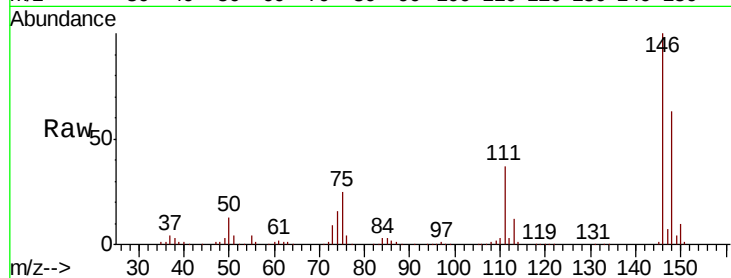
#83
 1,3-Dichlorobenzene
 Concen: 19.803 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	64.2	30.6	91.8

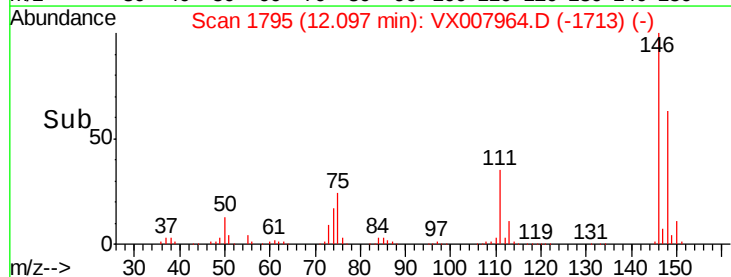
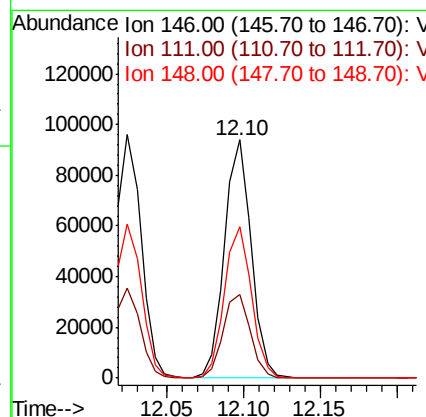
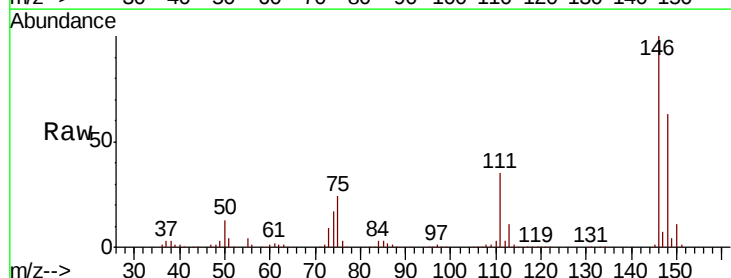
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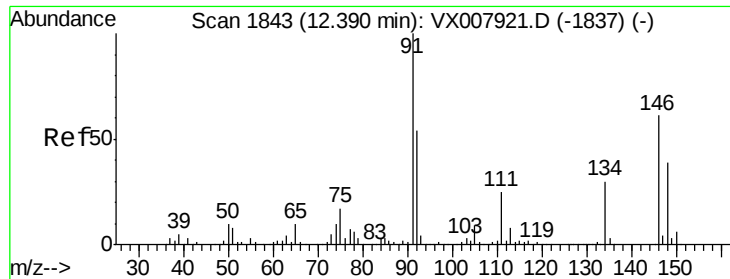
MMDadoda
 3/12/2019 1:10:03 PM



#84
 1,4-Dichlorobenzene
 Concen: 19.674 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.6	52.8
148	63.9	31.4	94.2





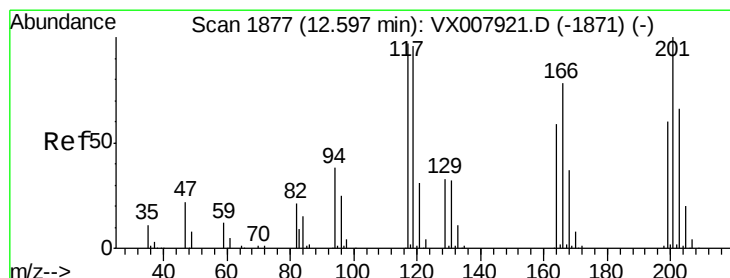
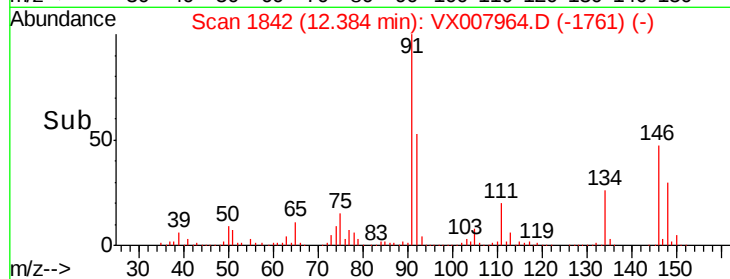
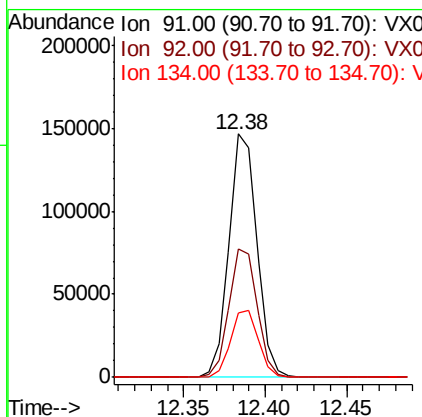
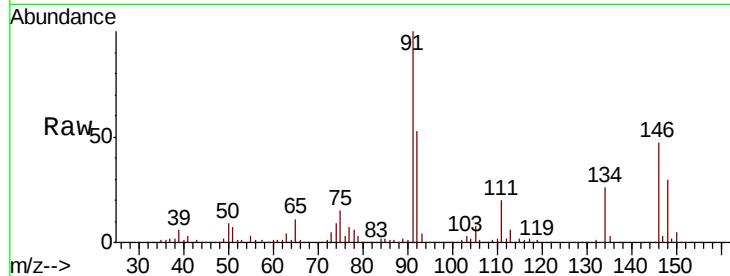
#85
n-Butylbenzene
Concen: 18.722 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	174484		
92	53.2	0.0	105.2	
134	27.7	0.0	56.4	

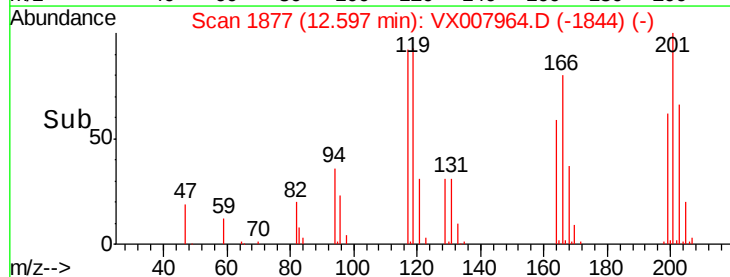
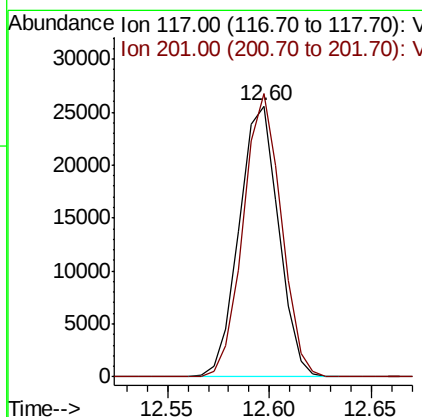
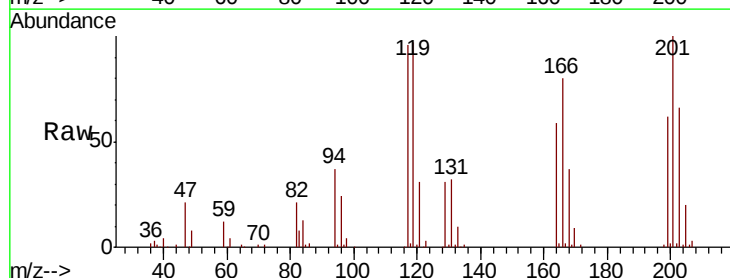
Manual Integrations
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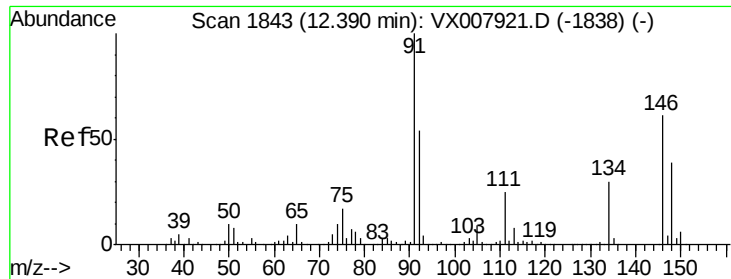
MMDadoda
3/12/2019 1:10:03 PM



#86
Hexachloroethane
Concen: 19.387 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007964.D
Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34424		
117	100			
201	100.5	41.1	123.3	





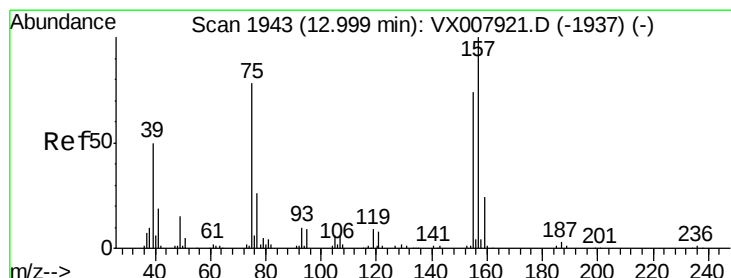
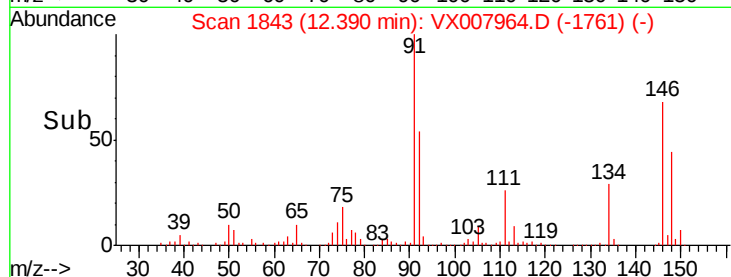
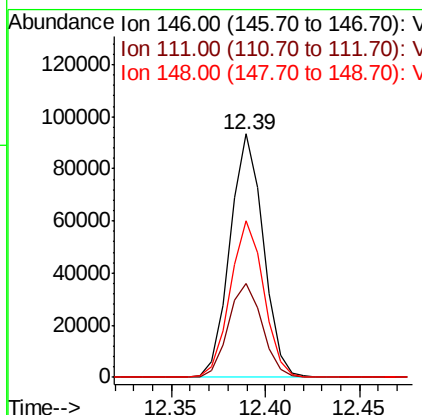
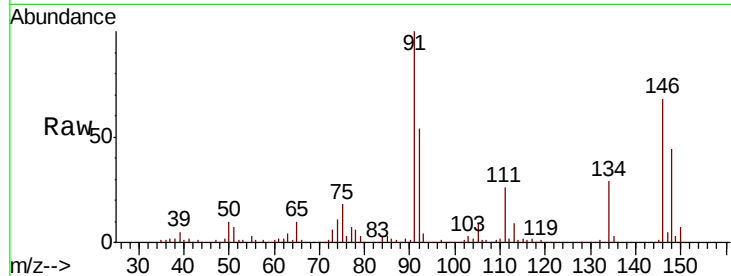
#87
 1,2-Dichlorobenzene
 Concen: 19.941 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	114302		
111	39.3	19.3	57.8	
148	64.8	32.1	96.3	

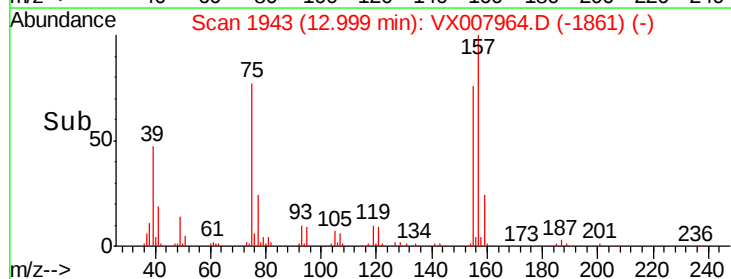
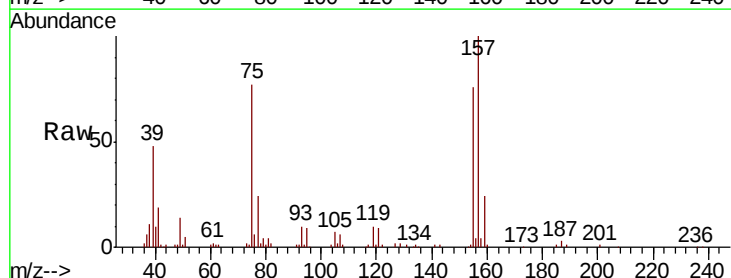
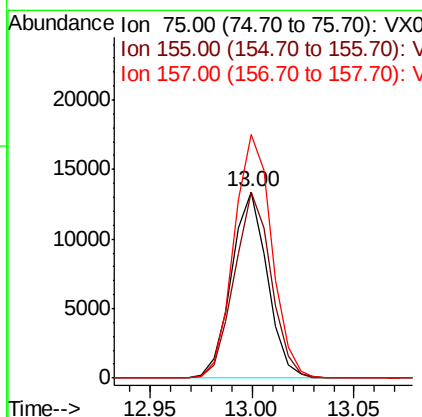
Manual Integrations
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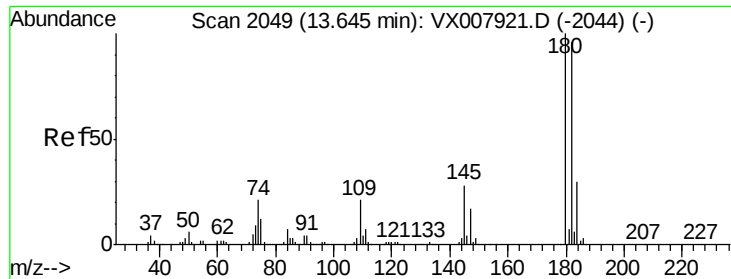
MMDadoda
 3/12/2019 1:10:03 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.704 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16288		
155	102.1	81.0	121.6	
157	137.2	103.2	154.8	





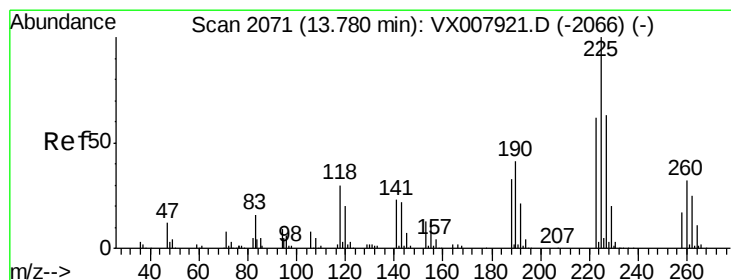
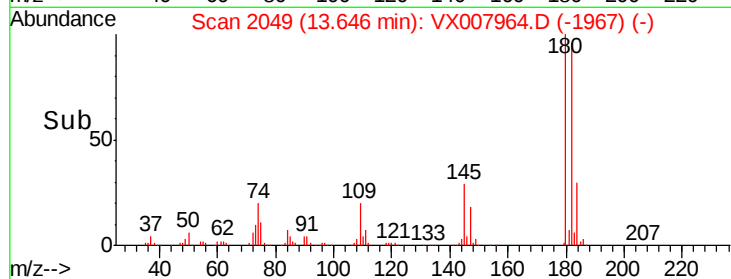
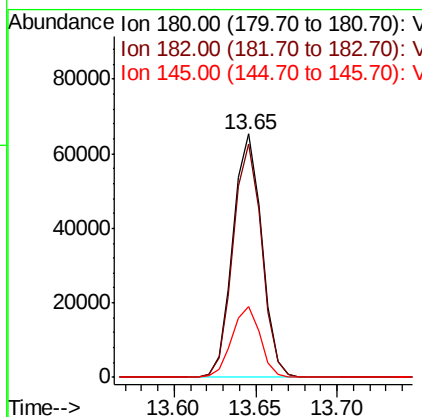
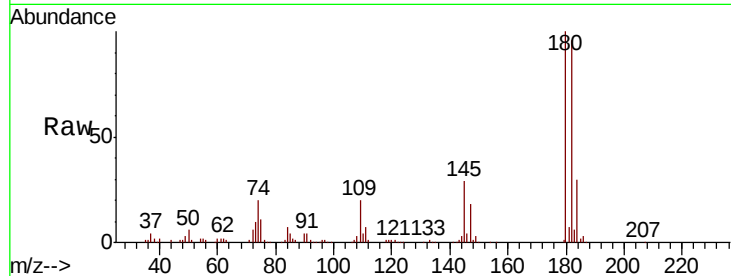
#89
 1,2,4-Trichlorobenzene
 Concen: 19.546 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80516		
182	95.3	75.6	113.4	
145	28.3	23.0	34.6	

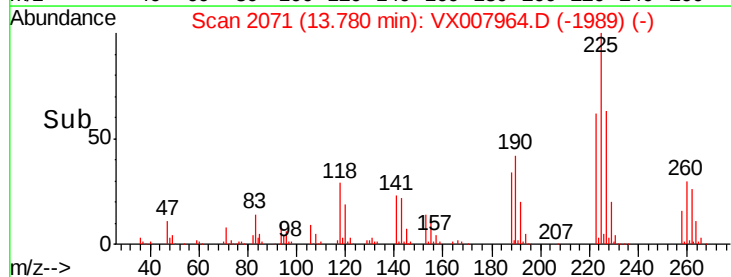
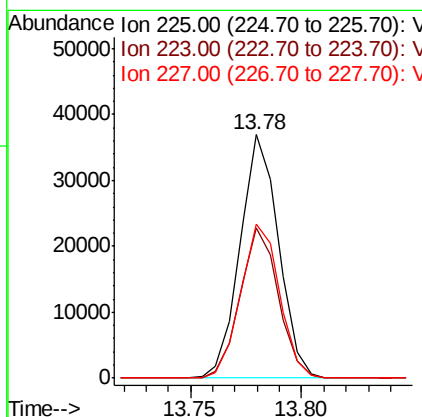
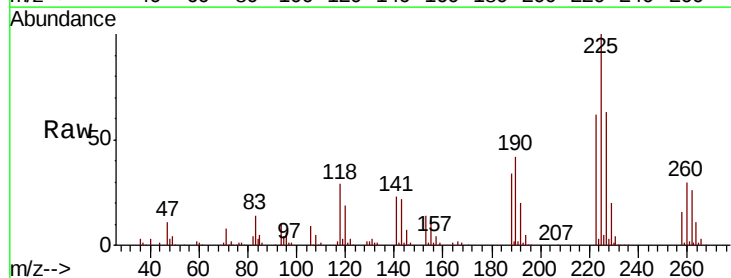
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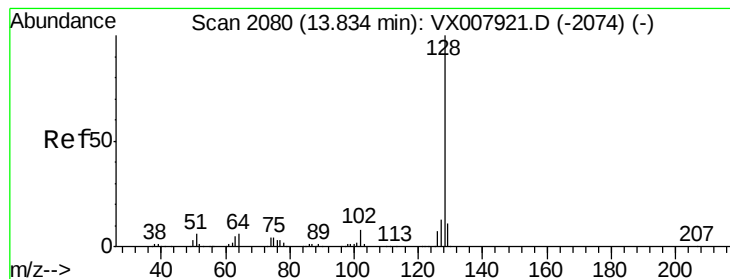
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#90
 Hexachlorobutadiene
 Concen: 19.627 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007964.D
 Acq: 11 Mar 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44592		
223	61.6	0.0	123.8	
227	64.2	0.0	124.4	





#91

Naphthalene

Concen: 19.889 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Instrument :

MSVOA_X

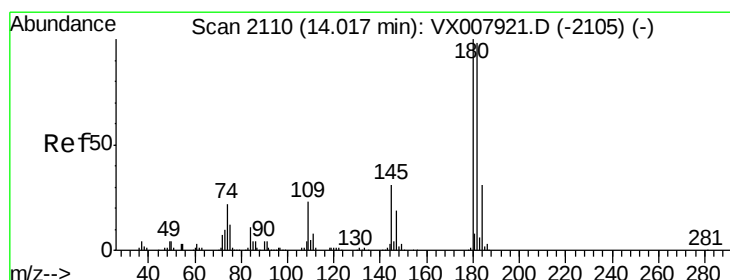
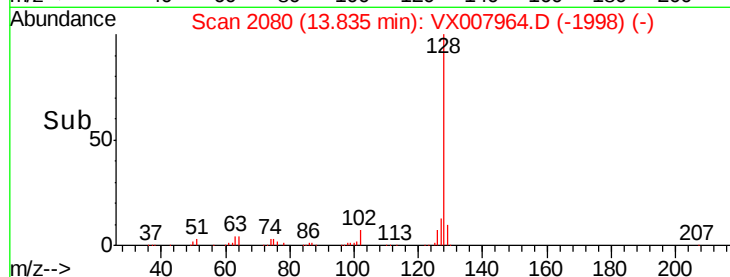
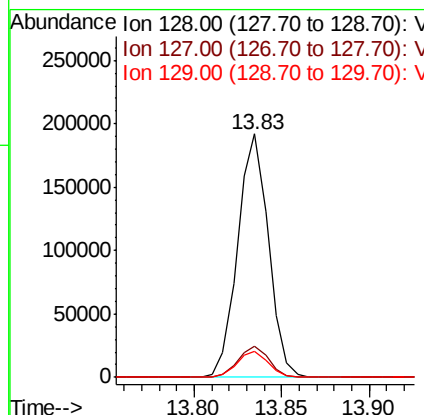
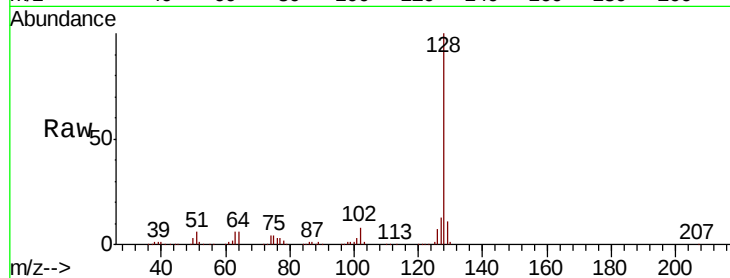
ClientSampleId :

VX0311WBSD01

Tgt Ion:	128	Resp:	234856
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.9	8.9	13.3

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#92

1,2,3-Trichlorobenzene

Concen: 19.654 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007964.D

Acq: 11 Mar 2019 12:10

Tgt Ion:	180	Resp:	80473
Ion Ratio	Lower	Upper	
180	100		
182	95.8	0.0	193.0
145	30.5	0.0	63.0

