

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018041.D
 Acq On : 20 Aug 2020 18:36
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:03 AM

Quant Time: Aug 21 02:57:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	614417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	984926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	946343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	458970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	6778	1.009	ug/l	93
3) Chloromethane	1.31	50	8459	1.113	ug/l	92
4) Vinyl Chloride	1.39	62	7962	0.988	ug/l	98
6) Chloroethane	1.72	64	3925	0.819	ug/l	96
7) Trichlorofluoromethane	1.92	101	9911	0.933	ug/l	88
8) Diethyl Ether	2.17	74	3660	0.844	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	5802	0.959	ug/l	98
12) 1,1-Dichloroethene	2.36	96	6349	1.005	ug/l #	74
14) Allyl chloride	2.71	41	9774	0.842	ug/l #	80
15) Acrylonitrile	3.12	53	18398	4.418	ug/l	97
16) Acetone	2.42	43	18982	5.362	ug/l	98
17) Carbon Disulfide	2.55	76	22132	1.034	ug/l	97
18) Methyl Acetate	2.75	43	7115	0.813	ug/l #	78
19) Methyl tert-butyl Ether	3.17	73	19437	0.892	ug/l #	85
20) Methylene Chloride	2.84	84	9915	1.336	ug/l #	83
21) trans-1,2-Dichloroethene	3.14	96	7291	1.032	ug/l	84
22) Diisopropyl ether	3.82	45	19898	0.903	ug/l #	76
23) Vinyl Acetate	3.79	43	82136	4.229	ug/l	97
24) 1,1-Dichloroethane	3.67	63	11510	0.932	ug/l #	95
25) 2-Butanone	4.64	43	26208	4.571	ug/l #	82
26) 2,2-Dichloropropane	4.54	77	10466m	0.945	ug/l	
27) cis-1,2-Dichloroethene	4.57	96	8403	1.086	ug/l	91
28) Bromochloromethane	4.98	49	6677	1.176	ug/l #	65
29) Tetrahydrofuran	5.10	42	15959	4.205	ug/l	95
30) Chloroform	5.17	83	12793	1.036	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	11887	1.058	ug/l #	47
36) 1,1-Dichloropropene	5.77	75	9256	0.958	ug/l	94
37) Ethyl Acetate	4.81	43	9889	0.891	ug/l #	77
38) Carbon Tetrachloride	5.76	117	10016	1.006	ug/l	91
39) Methylcyclohexane	7.43	83	9885	0.864	ug/l #	77
40) Benzene	6.11	78	26602	0.945	ug/l #	85
41) Methacrylonitrile	5.02	41	6482m	1.080	ug/l	
42) 1,2-Dichloroethane	6.17	62	10208	0.996	ug/l	89
43) Isopropyl Acetate	6.42	43	16114m	0.904	ug/l	

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	7440	0.765	ug/l	93
45) 1,2-Dichloropropane	7.50	63	6616	0.919	ug/l	96
46) Dibromomethane	7.63	93	5228	1.065	ug/l	99
47) Bromodichloromethane	7.88	83	9359	0.938	ug/l	87
48) Methyl methacrylate	7.75	41	7841	0.922	ug/l	89
49) 1,4-Dioxane	7.73	88	2901	14.706	ug/l #	49
51) 4-Methyl-2-Pentanone	8.62	43	45734	4.193	ug/l	98
52) Toluene	8.76	92	16300	0.927	ug/l	86
53) t-1,3-Dichloropropene	9.02	75	10129	0.859	ug/l	89
54) cis-1,3-Dichloropropene	8.42	75	11175	0.907	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	6861	0.981	ug/l	93
56) Ethyl methacrylate	9.16	69	9261	0.822	ug/l	90
57) 1,3-Dichloropropane	9.35	76	10696	0.882	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.29	63	20065	3.436	ug/l	99
59) 2-Hexanone	9.48	43	33154	3.875	ug/l	95
60) Dibromochloromethane	9.57	129	7803	1.002	ug/l	94
61) 1,2-Dibromoethane	9.65	107	7323	0.968	ug/l	99
64) Tetrachloroethene	9.32	164	7696	0.707	ug/l	91
65) Chlorobenzene	10.12	112	17961	0.910	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	7034	0.955	ug/l #	64
67) Ethyl Benzene	10.24	91	28649	0.819	ug/l	99
68) m/p-Xylenes	10.34	106	19974	1.523	ug/l	95
69) o-Xylene	10.68	106	10508	0.835	ug/l	93
70) Styrene	10.70	104	16763	0.783	ug/l	94
71) Bromoform	10.84	173	6038	1.002	ug/l #	97
73) Isopropylbenzene	11.01	105	26377	0.798	ug/l	100
74) N-amyl acetate	10.88	43	11735	0.756	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	10984	1.683	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	11249m	1.087	ug/l	
77) Bromobenzene	11.24	156	8122	0.945	ug/l	94
78) n-propylbenzene	11.35	91	28956	0.754	ug/l	97
79) 2-Chlorotoluene	11.40	91	18641	0.816	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	19352	0.693	ug/l	96
82) 4-Chlorotoluene	11.49	91	22915	0.851	ug/l	100
83) tert-Butylbenzene	11.76	119	21305	0.868	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	19922	0.705	ug/l	95
85) sec-Butylbenzene	11.93	105	22403	0.694	ug/l	95
86) p-Isopropyltoluene	12.05	119	20073	0.670	ug/l	86
87) 1,3-Dichlorobenzene	12.01	146	14328	0.932	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	15239m	0.977	ug/l	
89) n-Butylbenzene	12.37	91	20117	0.736	ug/l	99
90) Hexachloroethane	12.59	117	4212	0.807	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	13538	0.912	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2623	0.960	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	8968	0.827	ug/l	96
94) Hexachlorobutadiene	13.76	225	3938	0.803	ug/l	98
95) Naphthalene	13.82	128	25673	0.731	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.00	180	8852	0.840	ug/l	94

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MSVOA_X
ClientSampleId :
VSTDICC001

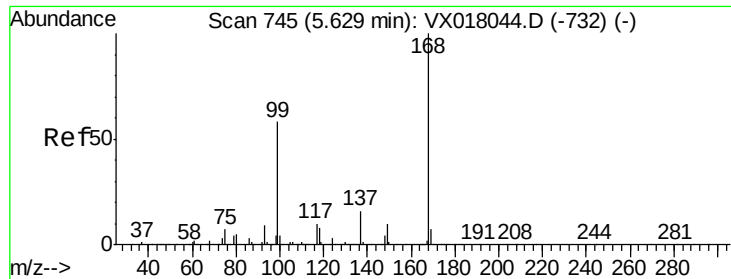
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 614417

Ion Ratio Lower Upper

168 100

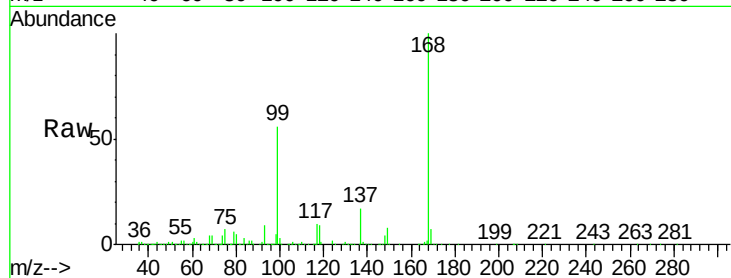
99 55.4 46.3 69.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

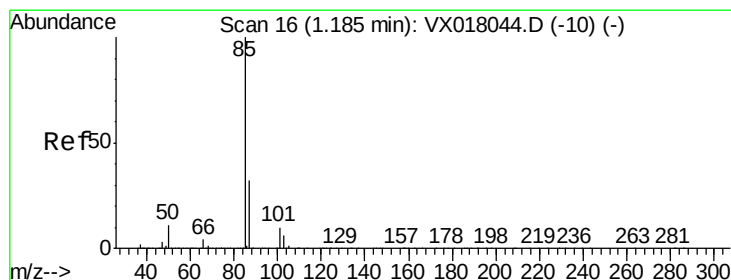
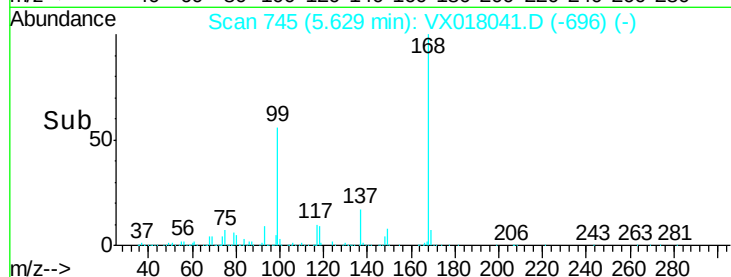
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.009 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018041.D

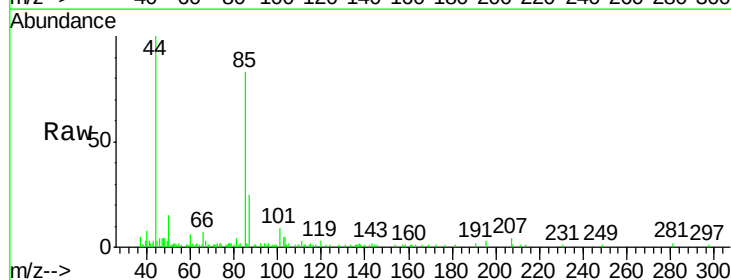
Acq: 20 Aug 2020 18:36

Tgt Ion: 85 Resp: 6778

Ion Ratio Lower Upper

85 100

87 28.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

8000

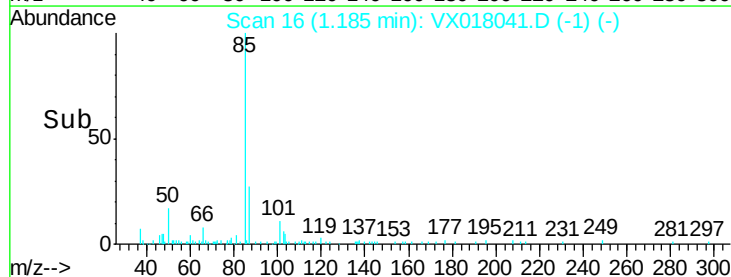
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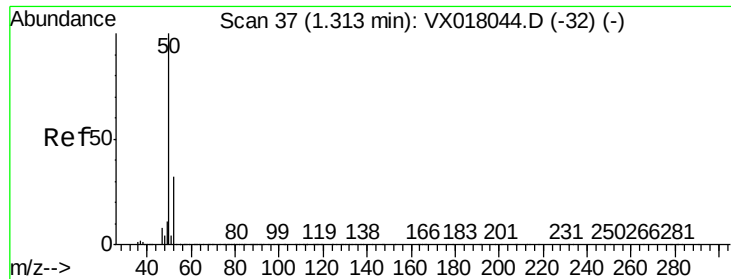
4000

2000

0

Time-->





#3

Chloromethane

Concen: 1.113 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 8459

Ion Ratio Lower Upper

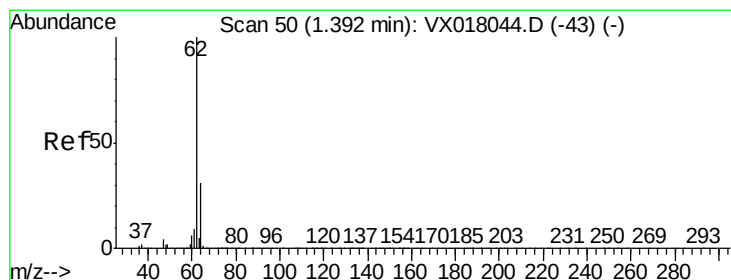
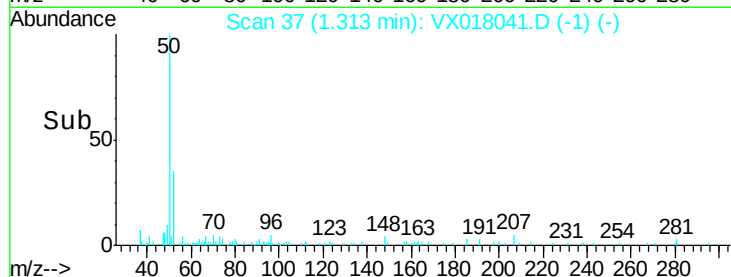
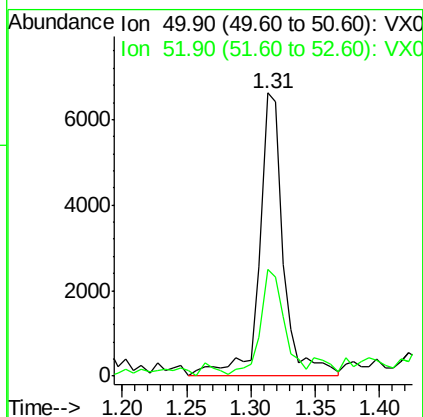
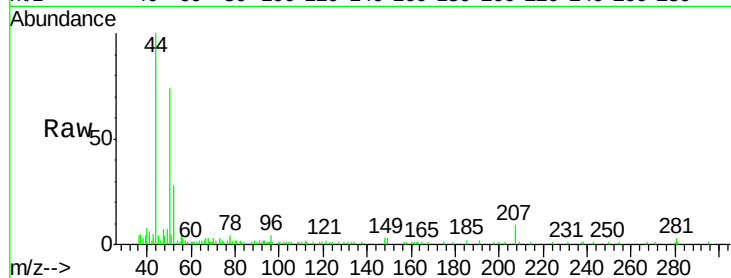
50 100

52 36.2 25.4 38.2

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#4

Vinyl Chloride

Concen: 0.988 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018041.D

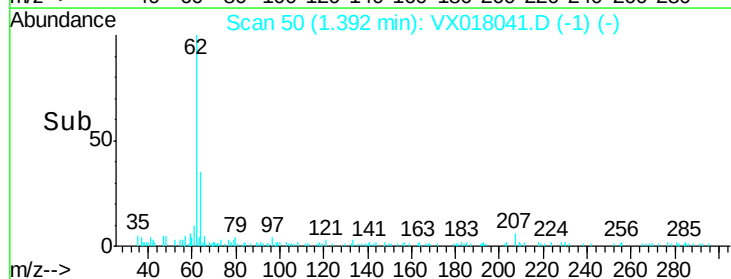
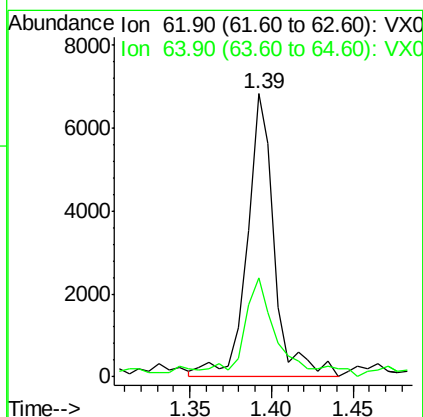
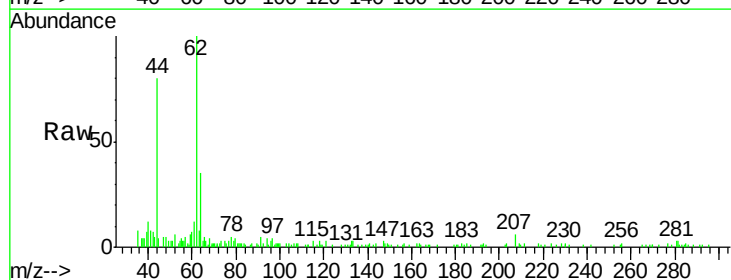
Acq: 20 Aug 2020 18:36

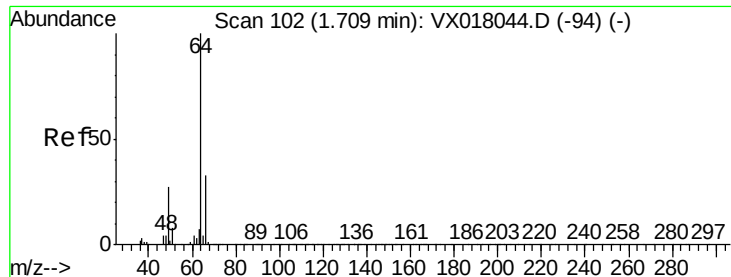
Tgt Ion: 62 Resp: 7962

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#6

Chloroethane

Concen: 0.819 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 3925

Ion Ratio Lower Upper

64 100

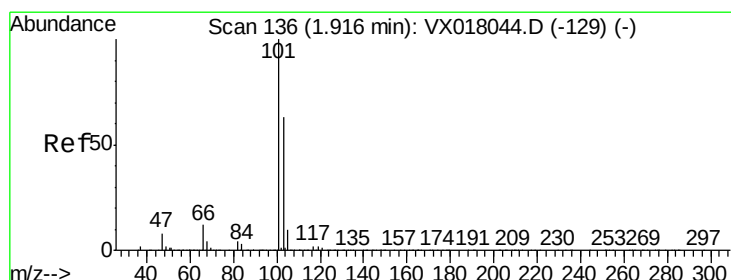
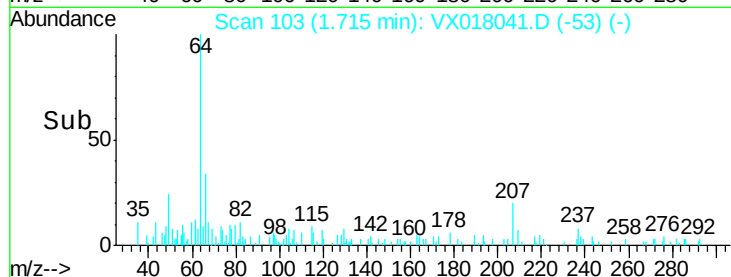
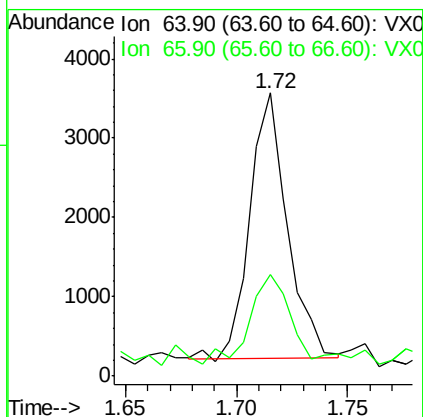
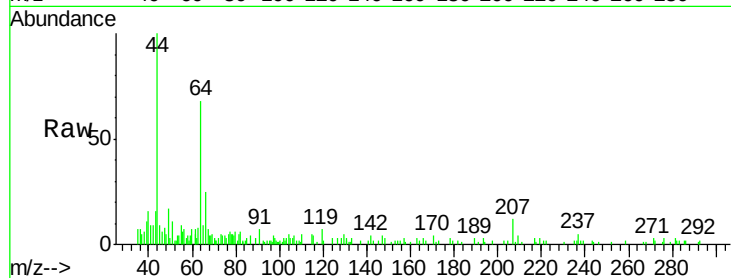
66 31.1 26.6 39.8

Manual Integrations

APPROVED

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#7

Trichlorofluoromethane

Concen: 0.933 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX018041.D

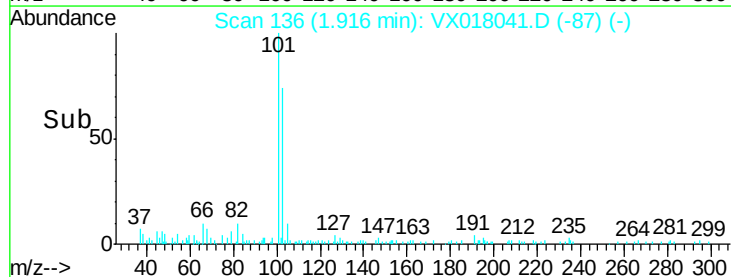
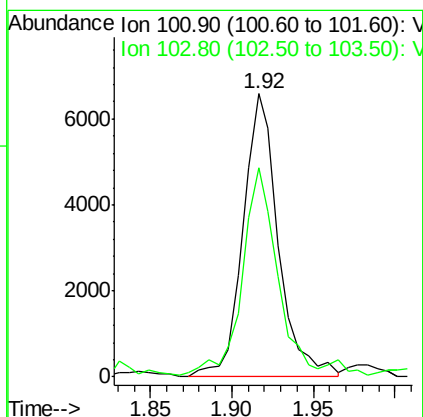
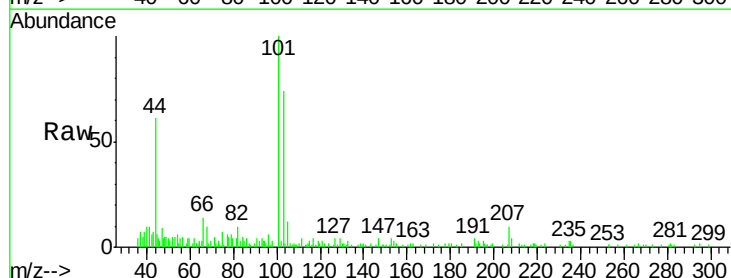
Acq: 20 Aug 2020 18:36

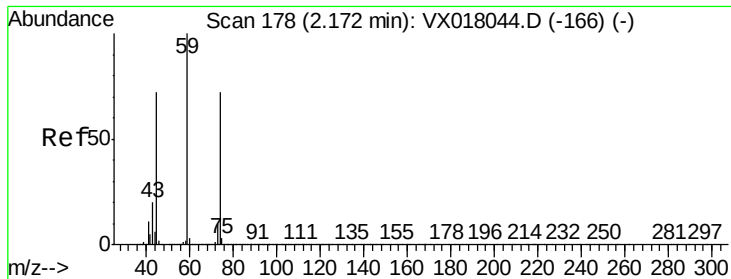
Tgt Ion: 101 Resp: 9911

Ion Ratio Lower Upper

101 100

103 72.5 50.7 76.1





#8

Diethyl Ether

Concen: 0.844 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 3660

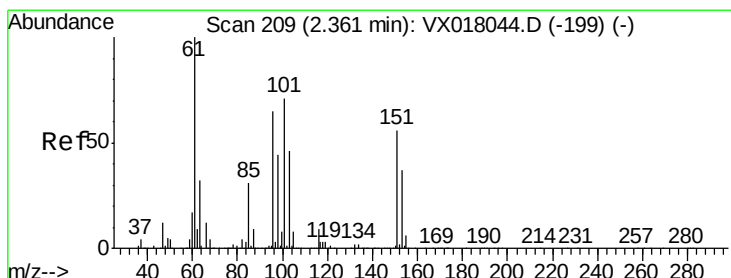
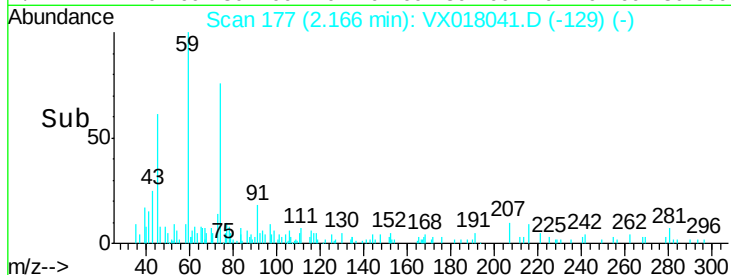
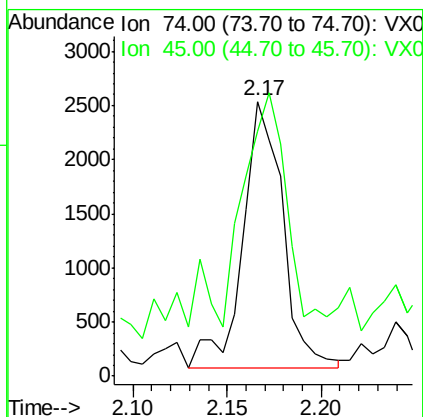
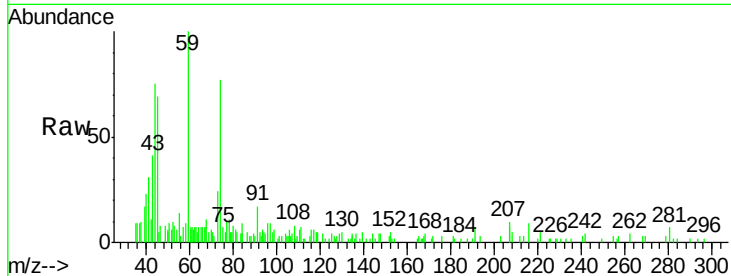
Ion Ratio Lower Upper

74 100

45 104.8 50.7 152.3

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.959 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

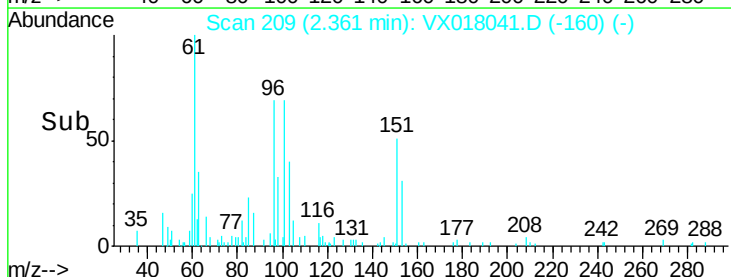
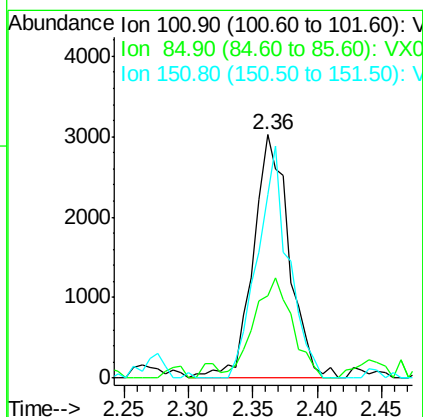
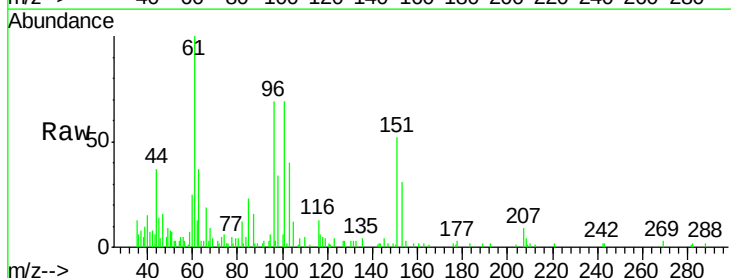
Tgt Ion: 101 Resp: 5802

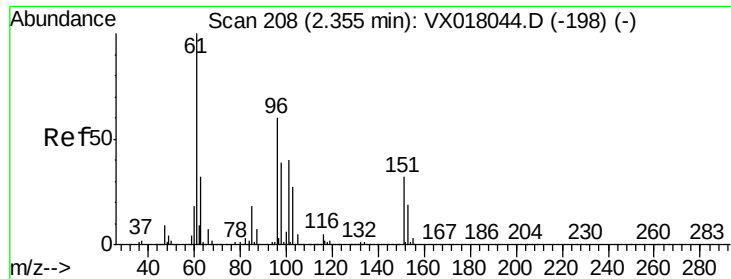
Ion Ratio Lower Upper

101 100

85 44.4 34.0 51.0

151 83.0 65.2 97.8





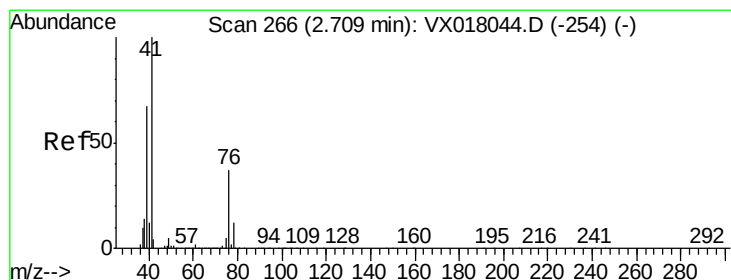
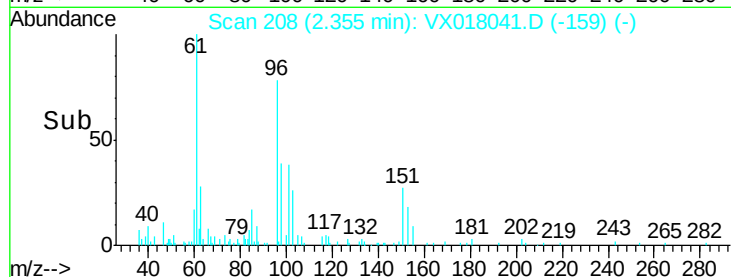
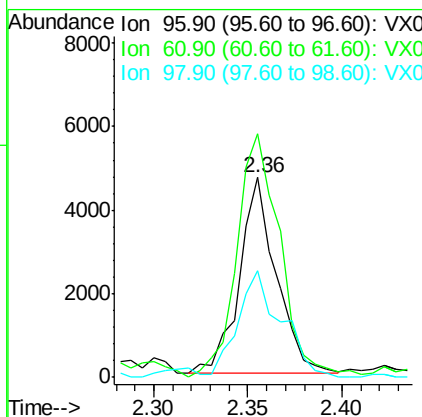
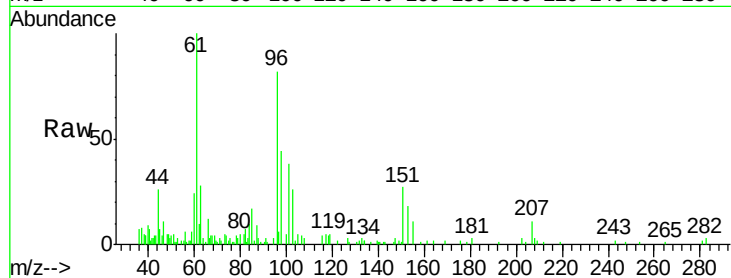
#12
1,1-Dichloroethene
Concen: 1.005 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.4	133.0	199.4#
98	54.2	51.6	77.4

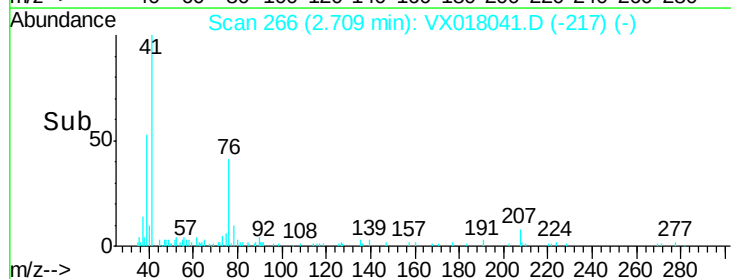
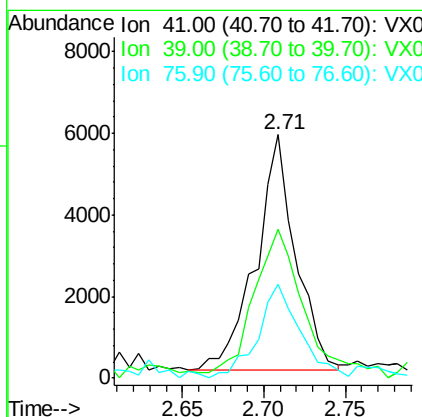
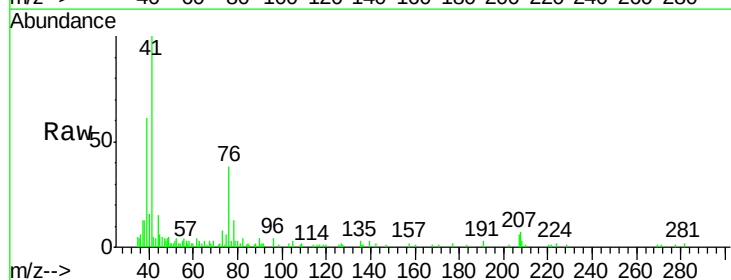
Manual Integrations
APPROVED

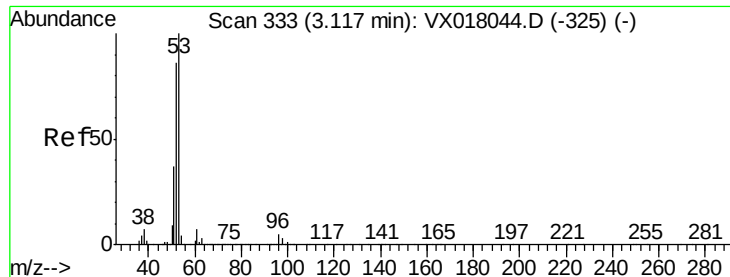
MMDadoda
8/21/2020 11:23:03 AM



#14
Allyl chloride
Concen: 0.842 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.7	50.6	76.0#
76	42.0	26.2	39.2#





#15

Acrylonitrile

Concen: 4.418 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

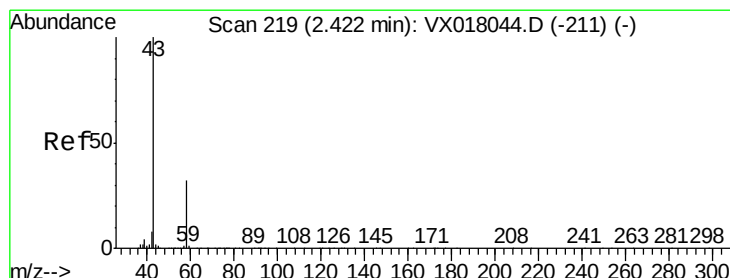
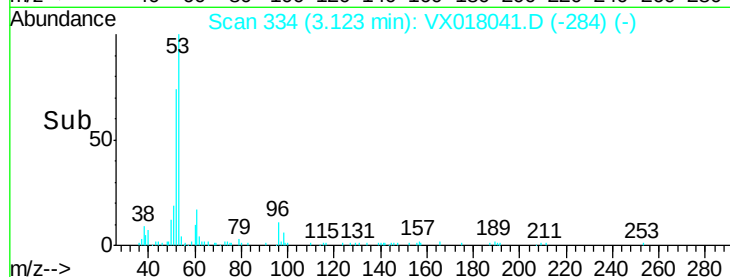
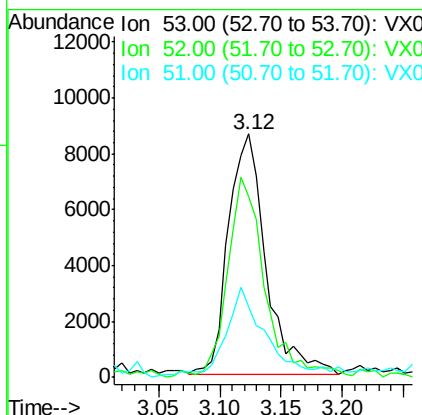
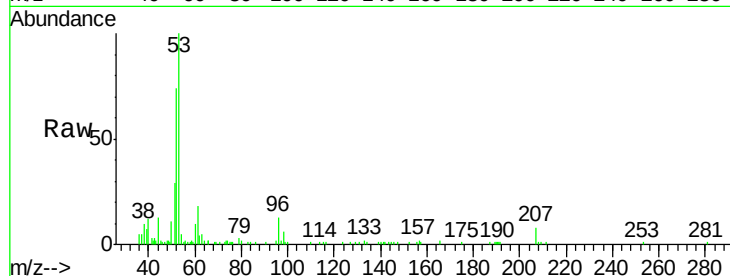
ClientSampleId :

VSTDICC001

Tot Ion:	53	Resp:	18398
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.9	100.3
51	39.7	28.7	43.1

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#16

Acetone

Concen: 5.362 ug/l

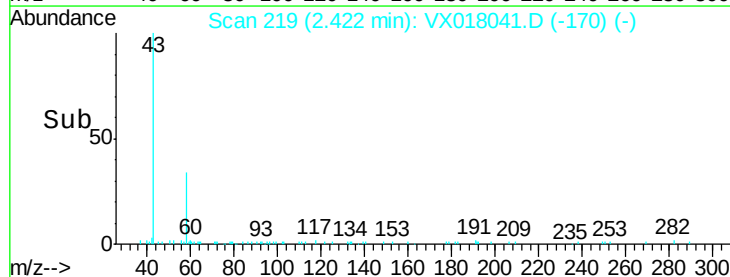
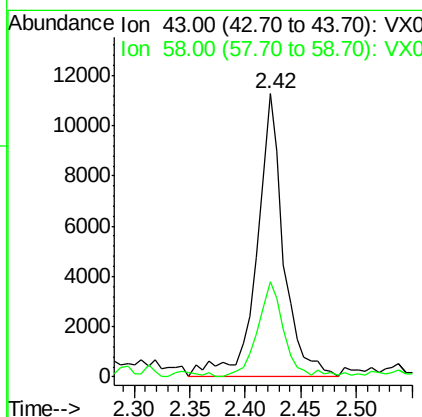
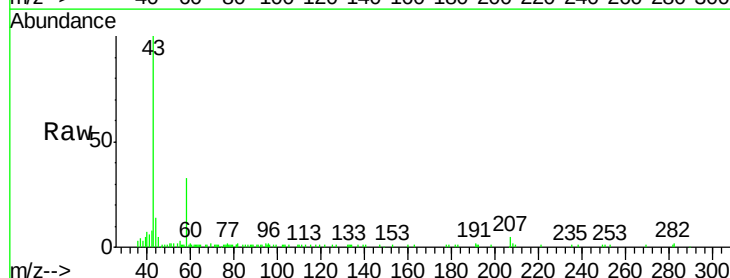
RT: 2.42 min Scan# 219

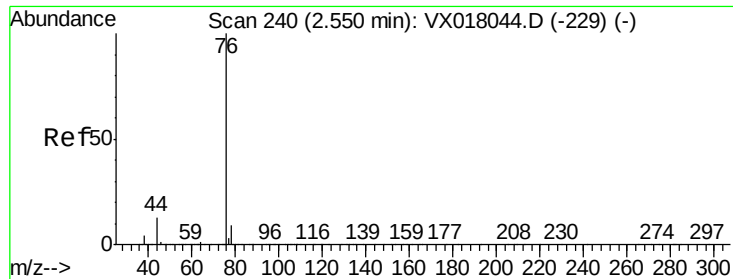
Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion:	43	Resp:	18982
Ion	Ratio	Lower	Upper
43	100		
58	32.9	25.5	38.3





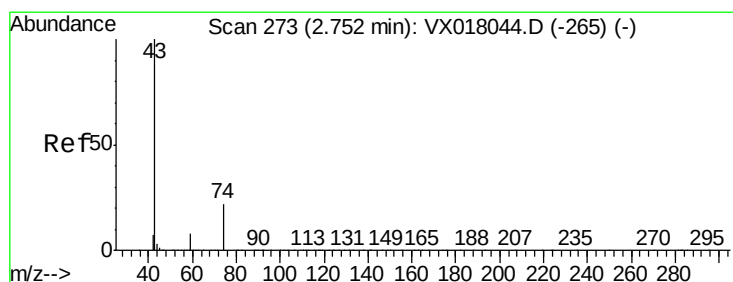
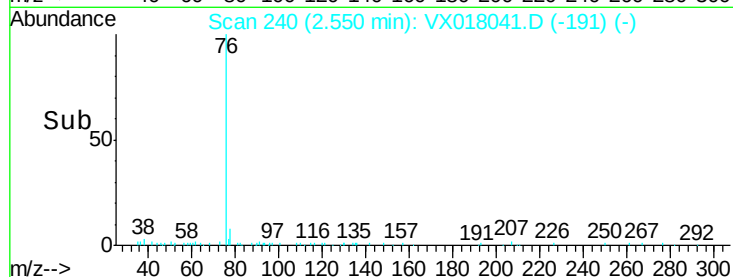
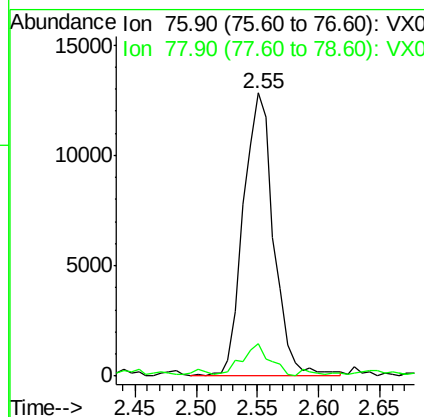
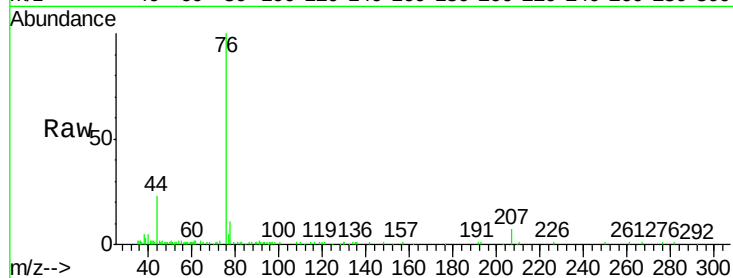
#17
Carbon Disulfide
Concen: 1.034 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.4	11.0

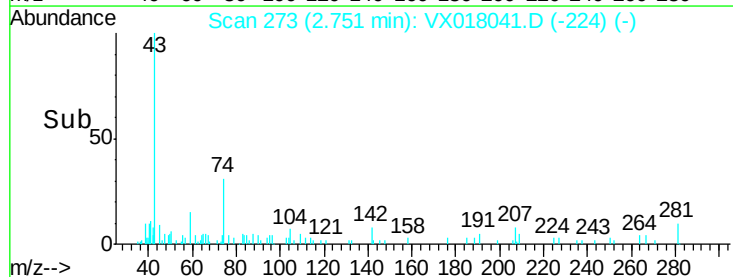
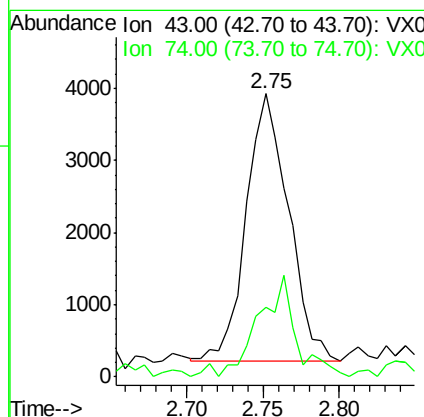
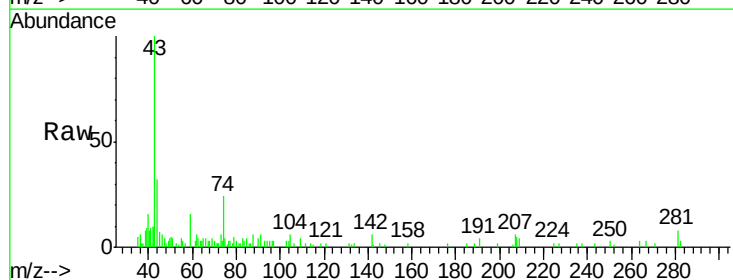
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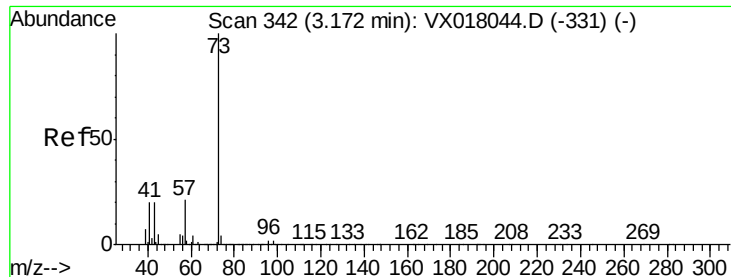
MMDadoda
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#18
Methyl Acetate
Concen: 0.813 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	33.2	18.2	27.4#





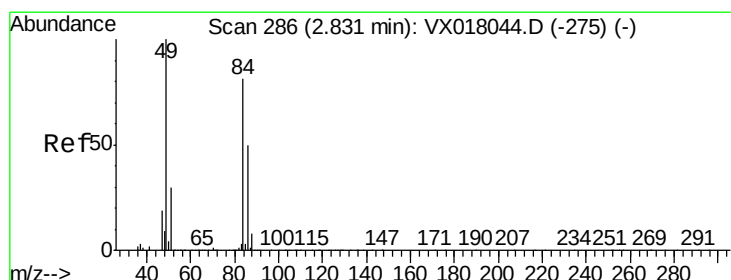
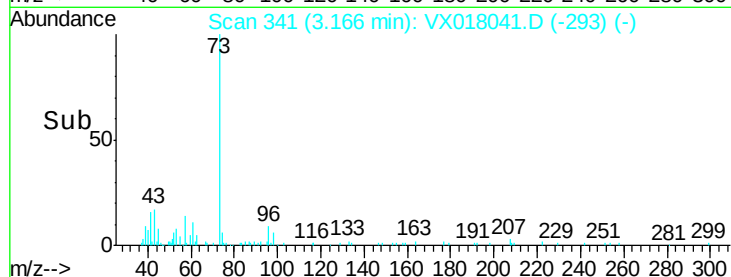
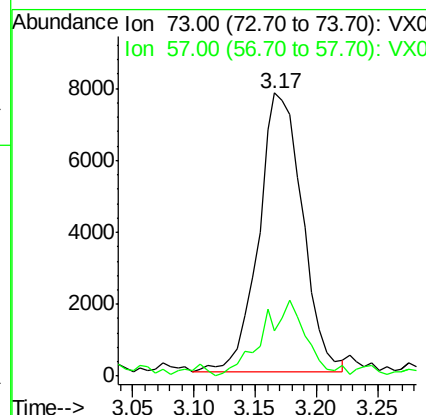
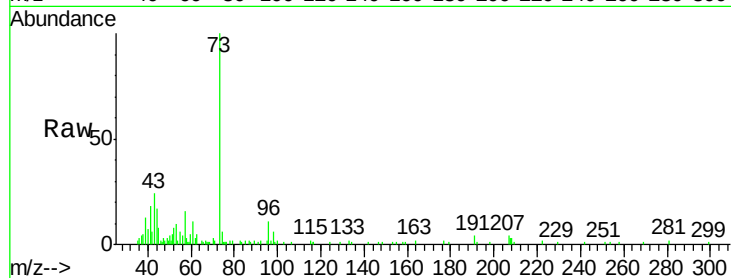
#19
Methyl tert-butyl Ether
Concen: 0.892 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	14.0	16.8	25.2#

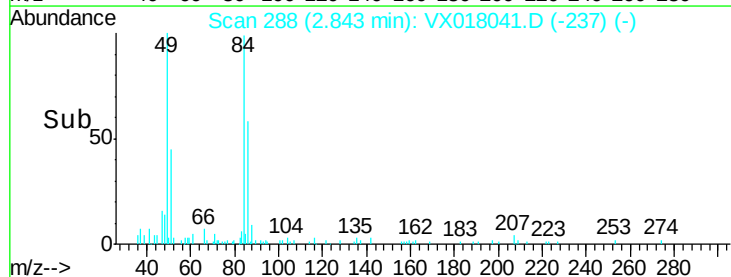
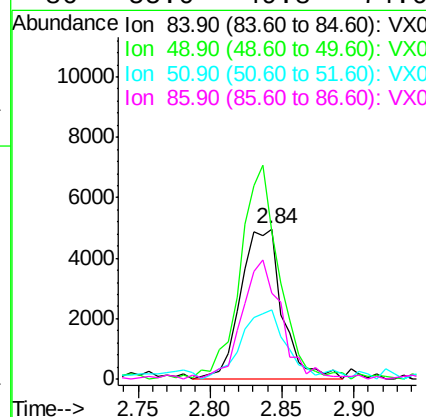
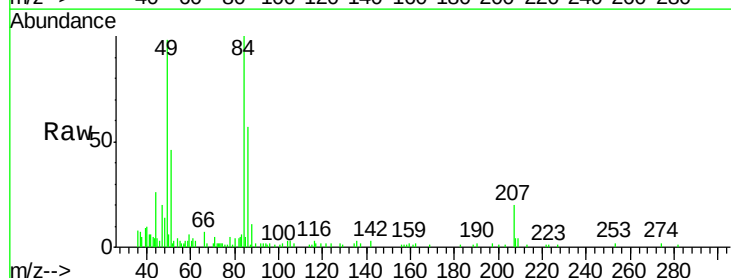
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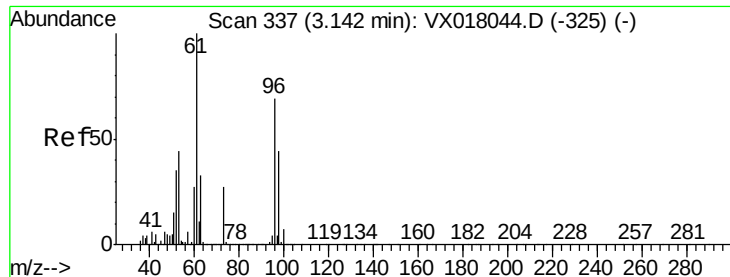
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#20
Methylene Chloride
Concen: 1.336 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	97.2	98.6	148.0#
51	42.5	29.6	44.4
86	55.0	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 1.032 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

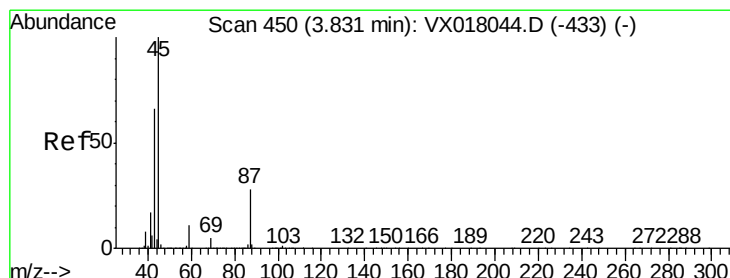
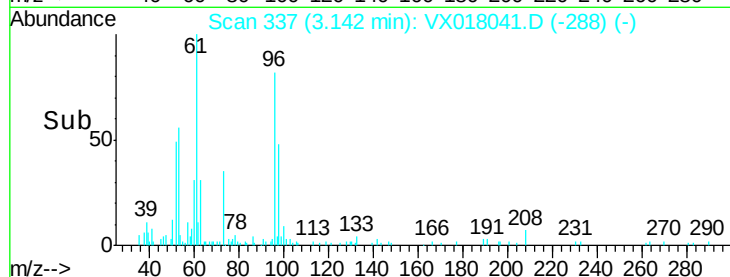
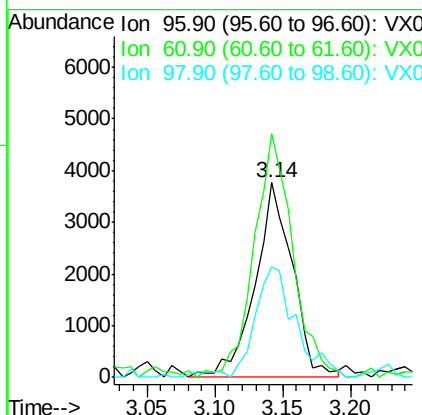
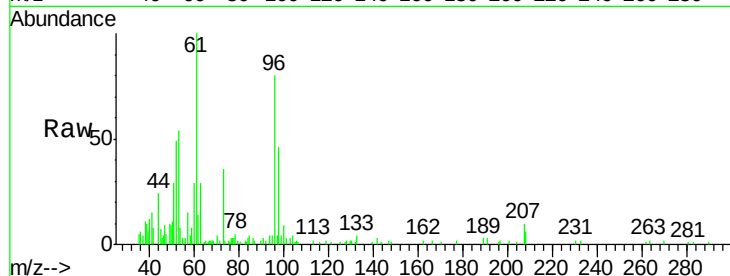
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	7291
Ion	Ratio	Lower	Upper
96	100		
61	121.7	115.4	173.0
98	55.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 0.903 ug/l

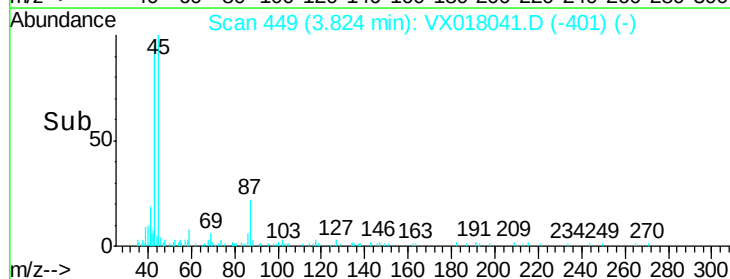
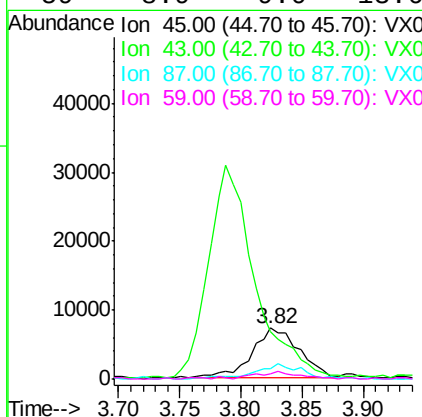
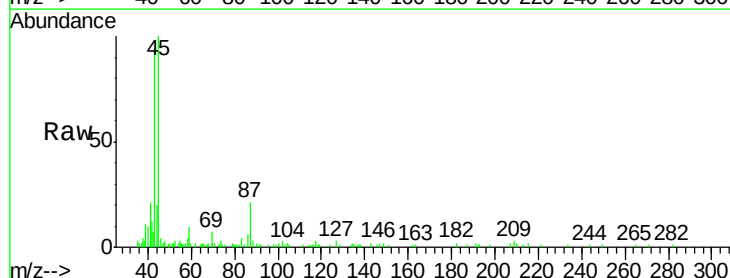
RT: 3.82 min Scan# 449

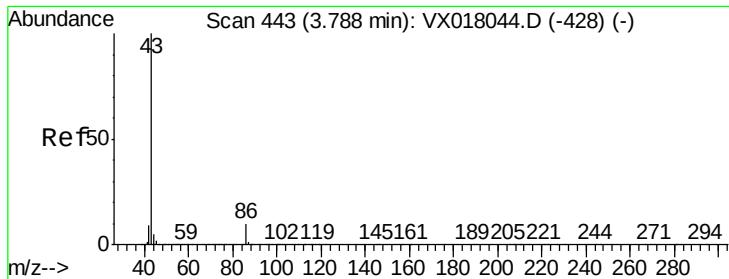
Delta R.T. -0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion:	45	Resp:	19898
Ion	Ratio	Lower	Upper
45	100		
43	90.6	52.8	79.2#
87	19.5	22.5	33.7#
59	8.9	9.0	13.6#





#23

Vinyl Acetate

Concen: 4.229 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 82136

Ion Ratio Lower Upper

43 100

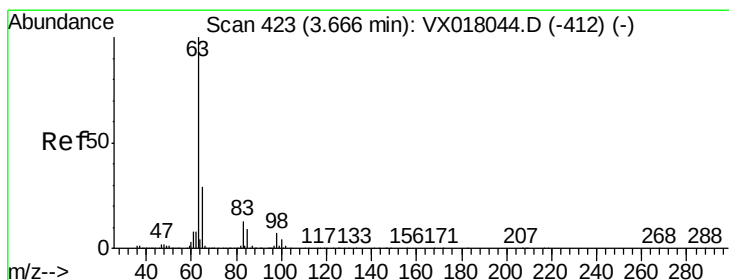
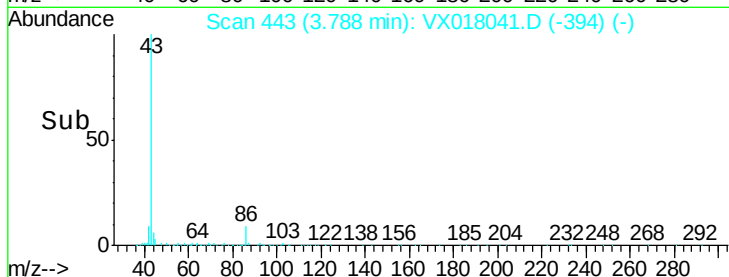
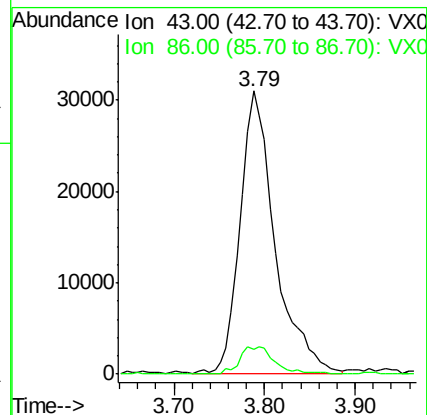
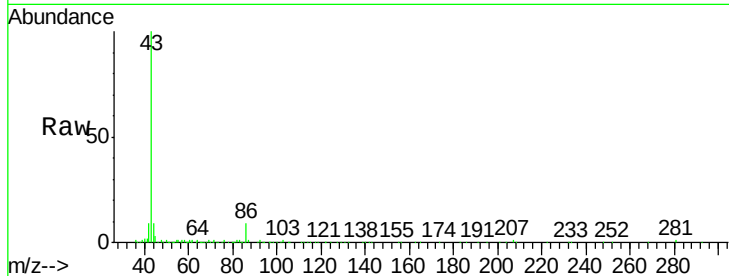
86 8.9 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 0.932 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

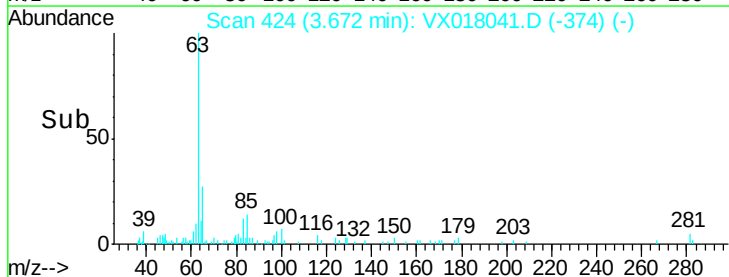
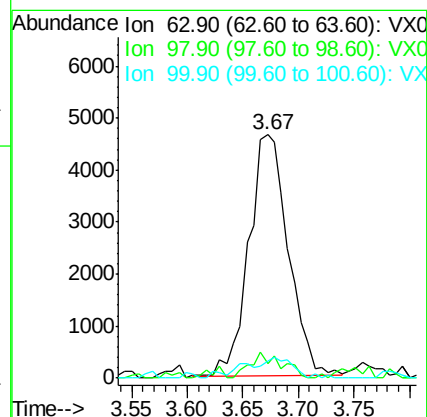
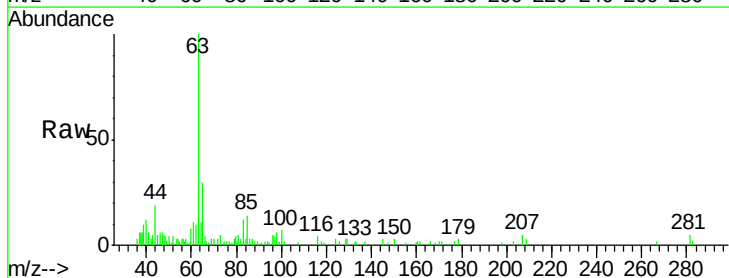
Tgt Ion: 63 Resp: 11510

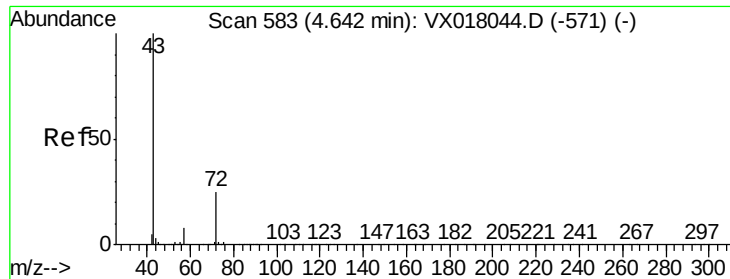
Ion Ratio Lower Upper

63 100

98 6.2 3.6 10.8

100 7.2 2.0 6.0#





#25

2-Butanone

Concen: 4.571 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 26208

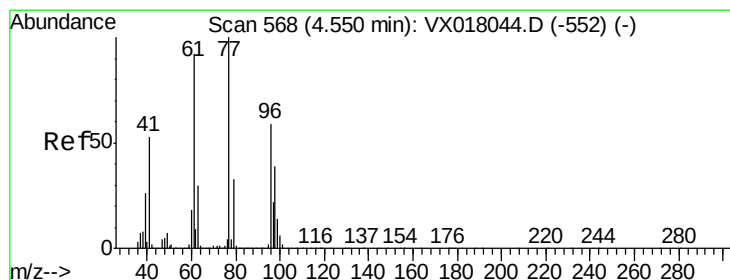
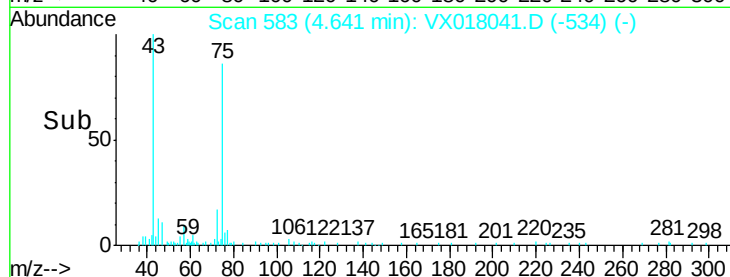
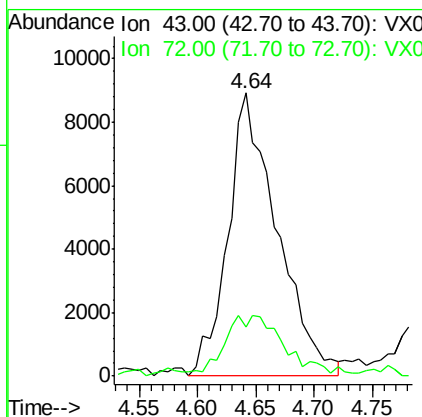
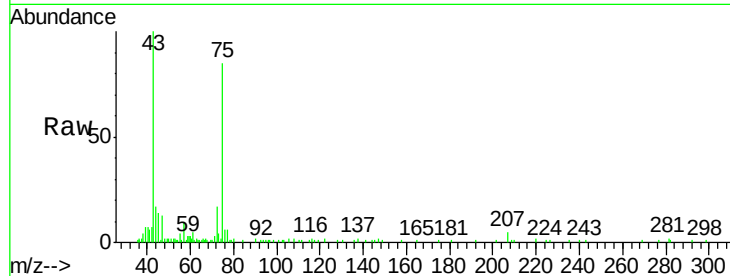
Ion Ratio Lower Upper

43 100

72 15.8 19.8 29.6#

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#26

2,2-Dichloropropane

Concen: 0.945 ug/l m

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018041.D

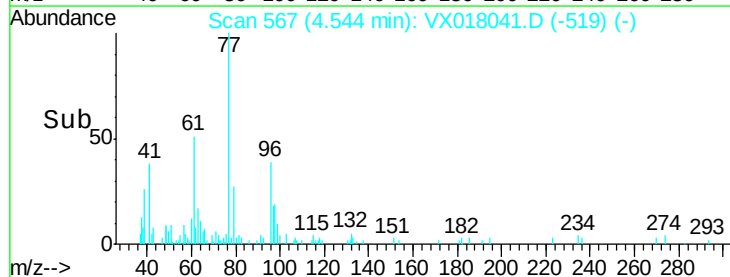
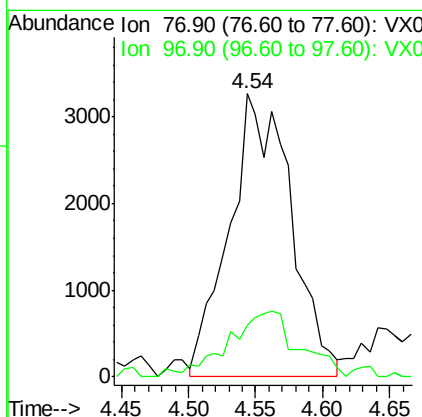
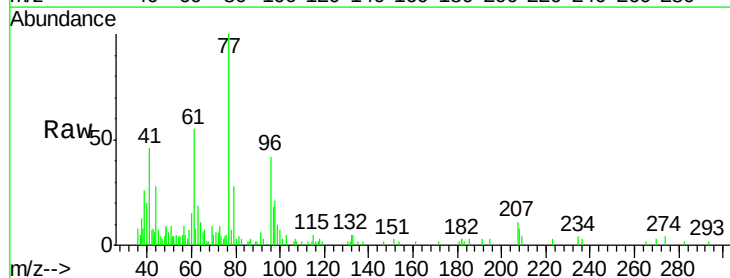
Acq: 20 Aug 2020 18:36

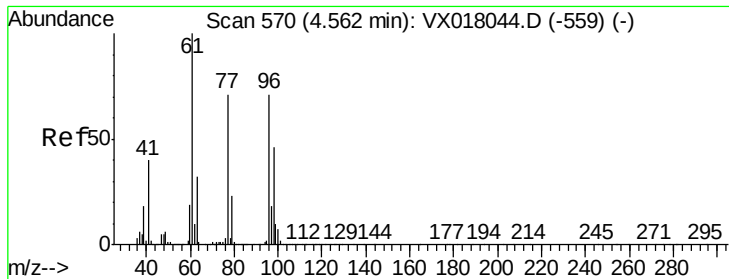
Tgt Ion: 77 Resp: 10466

Ion Ratio Lower Upper

77 100

97 1.1 11.5 34.5#





#27

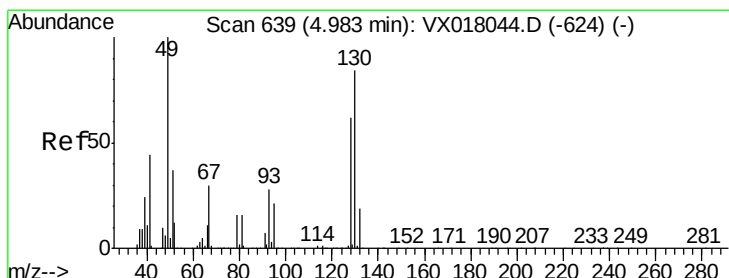
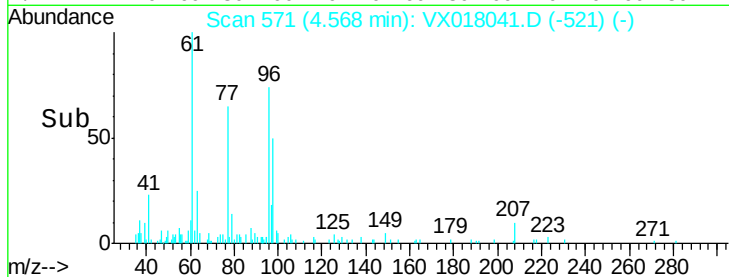
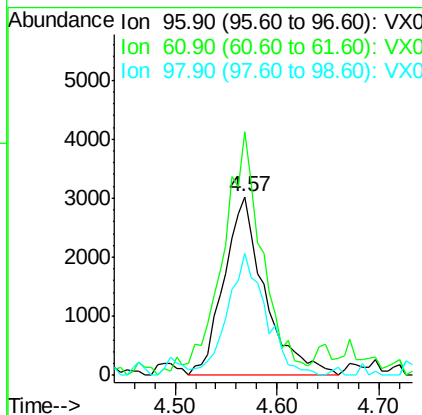
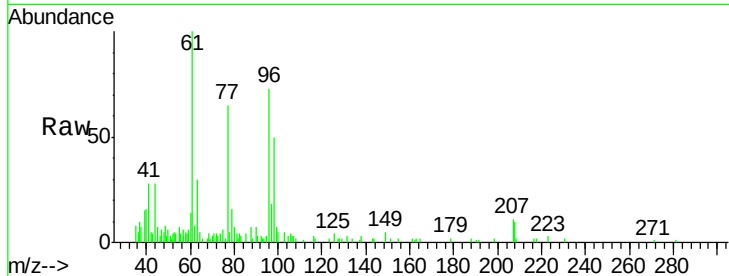
cis-1,2-Dichloroethene
Concen: 1.086 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
96	100	8403		
61	132.8		0.0	296.6
98	63.8		0.0	130.2

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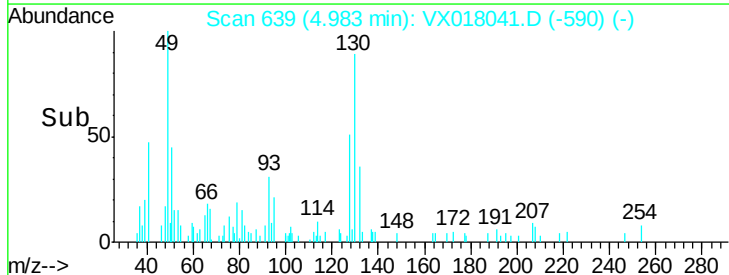
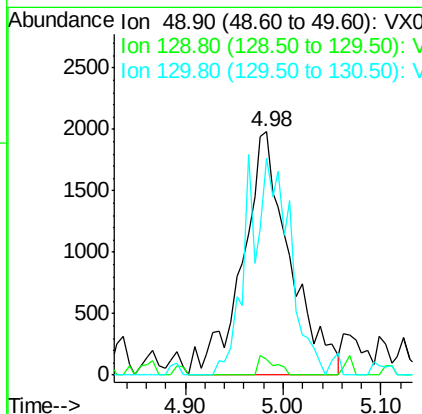
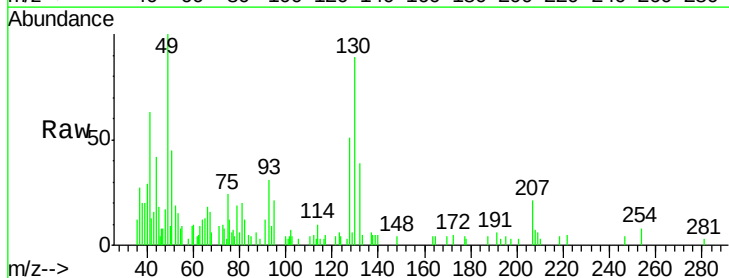
MMDadoda
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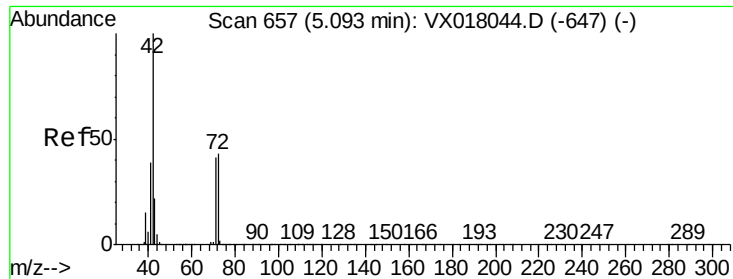


#28

Bromochloromethane
Concen: 1.176 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	6677		
129	2.8		0.0	4.6
130	48.8		64.6	96.8#





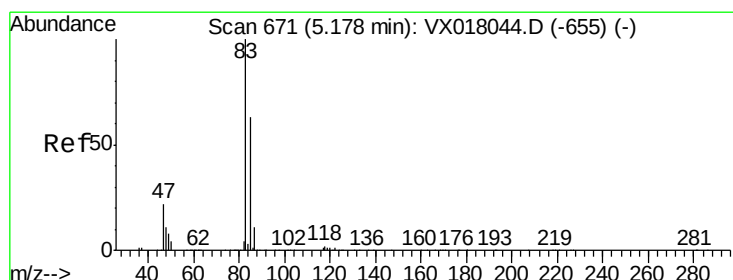
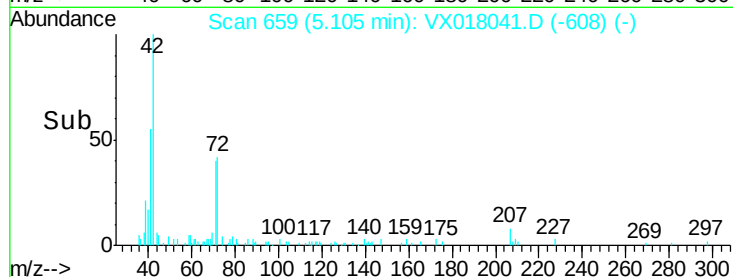
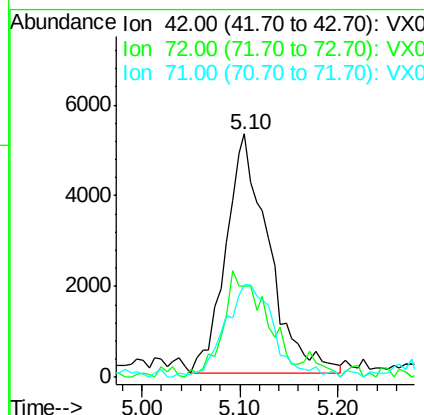
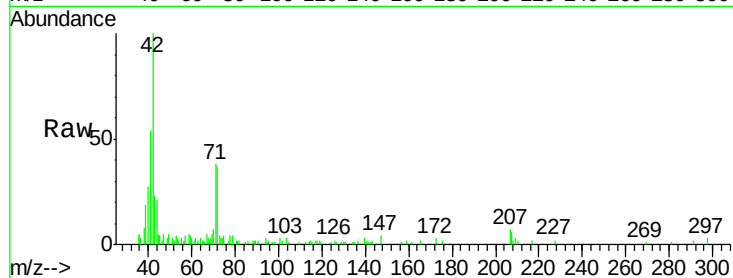
#29
Tetrahydrofuran
Concen: 4.205 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	42	Resp:	15959
Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.2	51.4
71	44.4	32.1	48.1

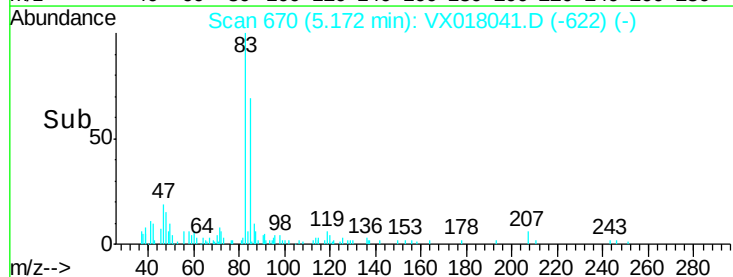
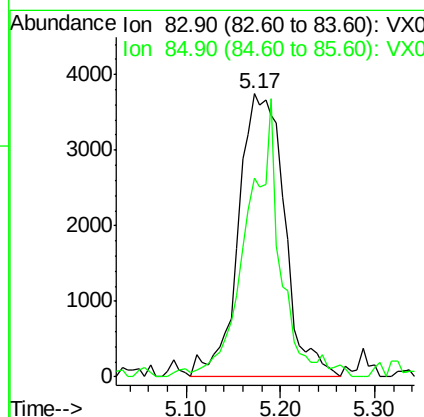
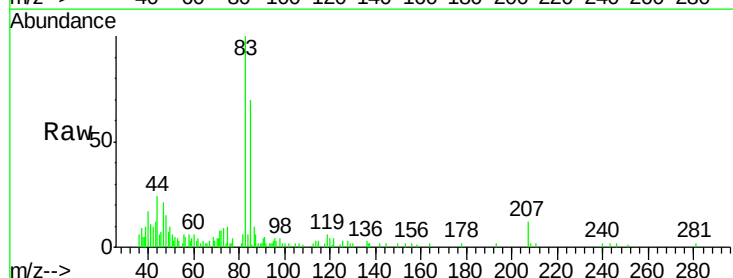
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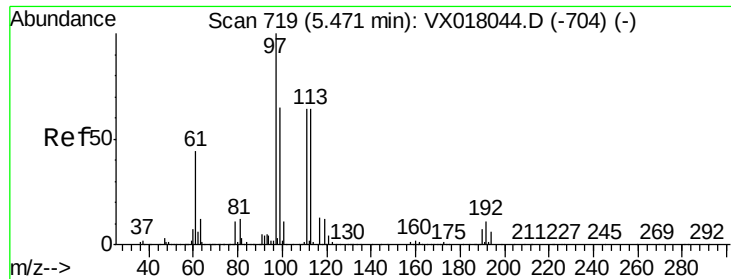
MMDadoda
8/21/2020 11:23:03 AM



#30
Chloroform
Concen: 1.036 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion:	83	Resp:	12793
Ion	Ratio	Lower	Upper
83	100		
85	68.8	50.7	76.1





#32

1,1,1-Trichloroethane

Concen: 1.058 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

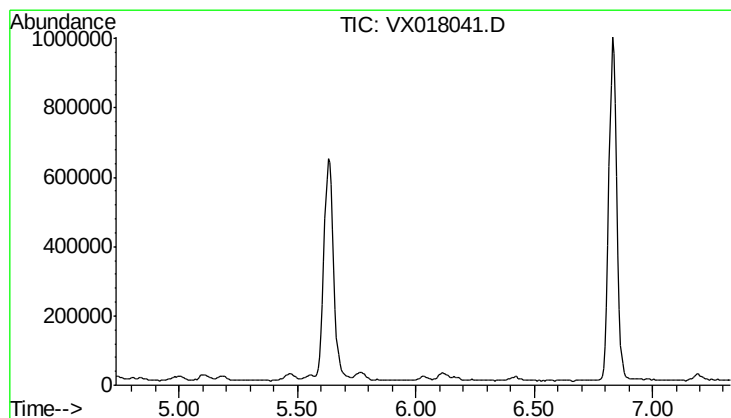
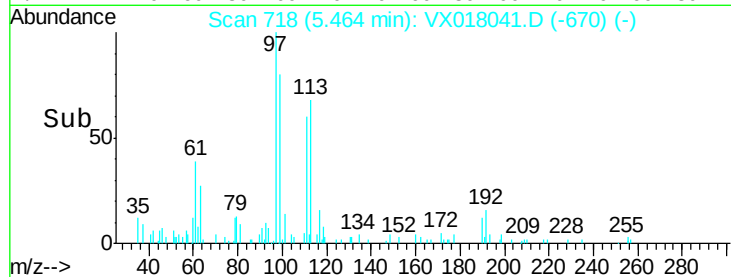
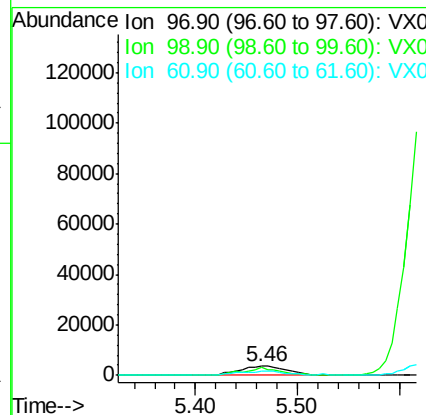
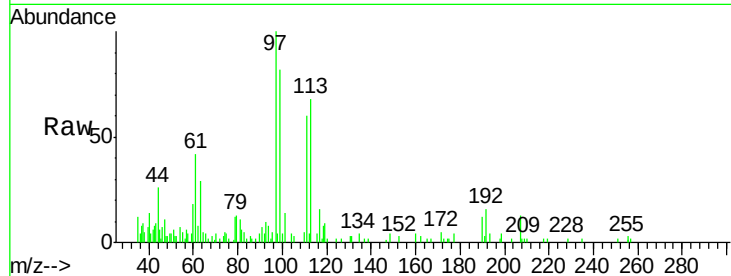
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	11887
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.4	77.0#
61	48.8	34.2	51.4

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX018041.D

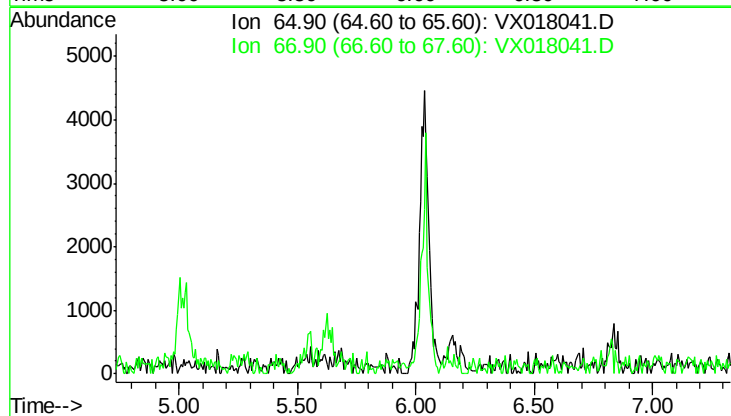
Acq: 20 Aug 2020 18:36

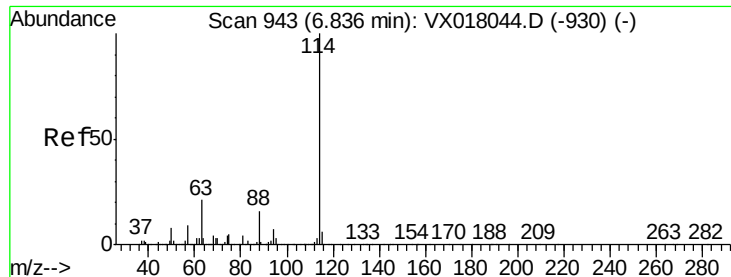
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.9





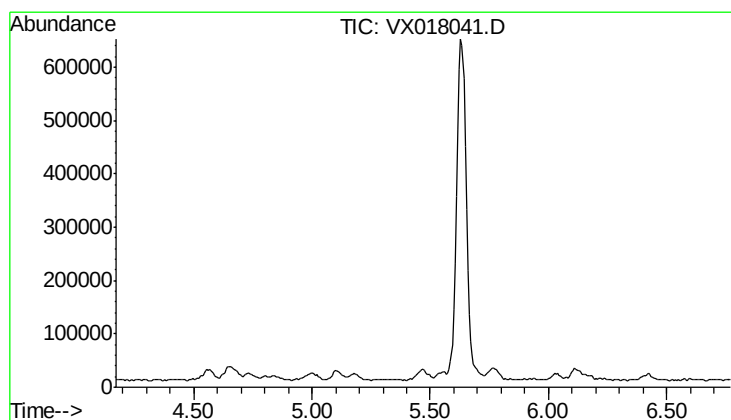
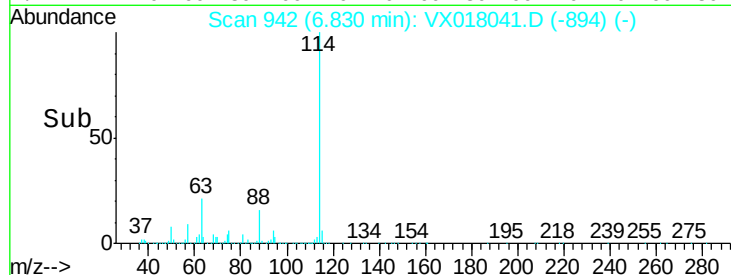
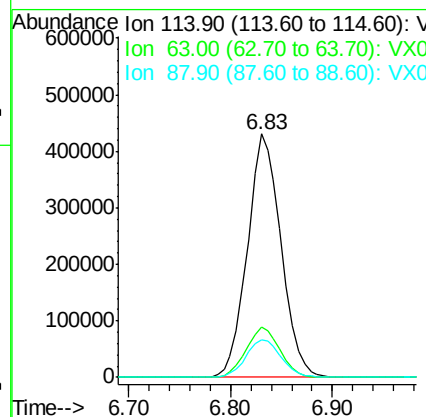
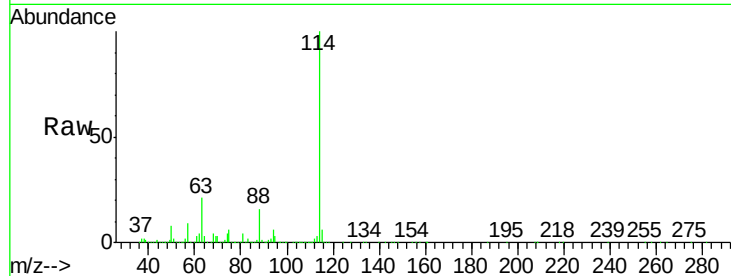
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.5	0.0	42.6
88	15.6	0.0	31.8

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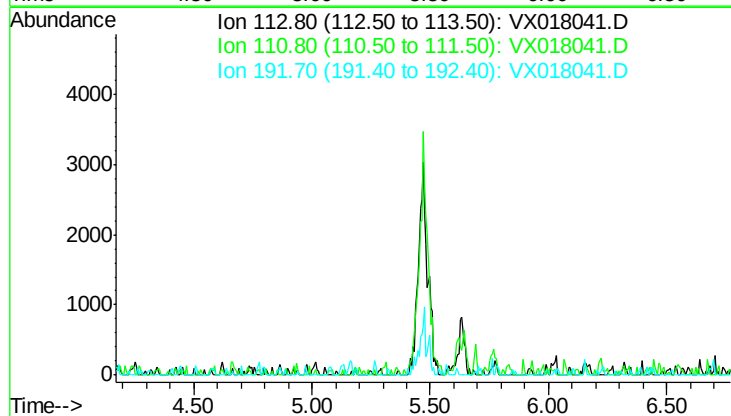
MMDadoda
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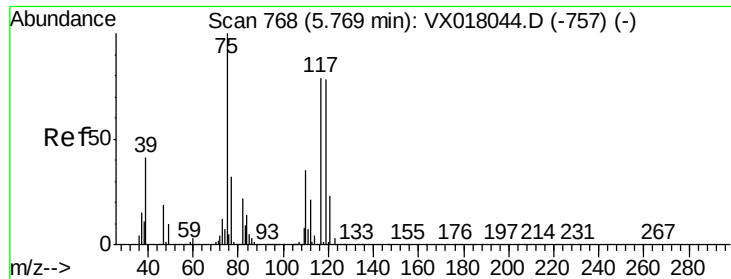


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.47 min

Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Exp Ratio
113	100
111	102.0
192	19.8





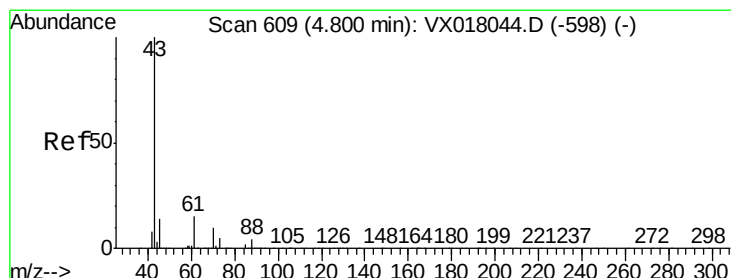
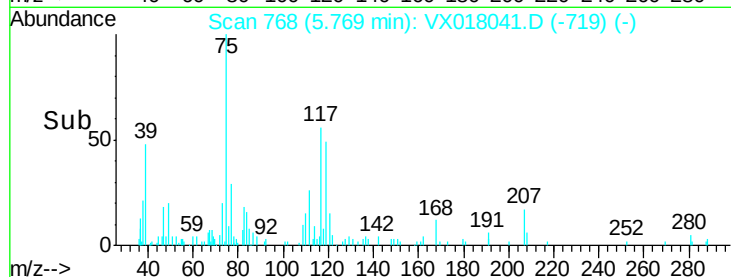
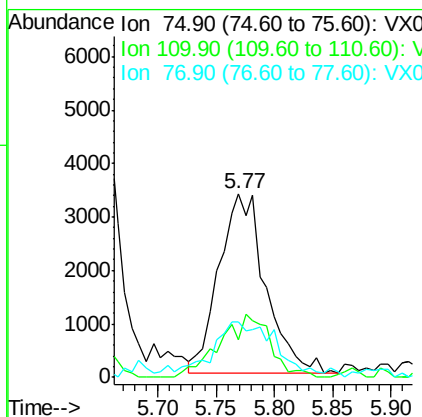
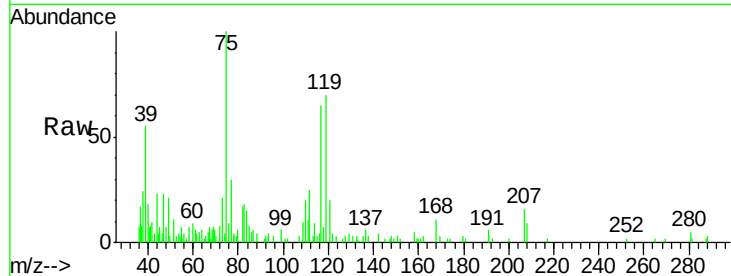
#36
 1,1-Dichloropropene
 Concen: 0.958 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	75	Resp:	9256
Ion	Ratio	Lower	Upper
75	100		
110	38.3	18.0	54.0
77	35.3	24.4	36.6

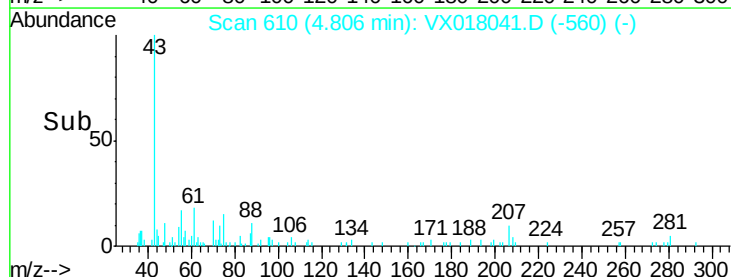
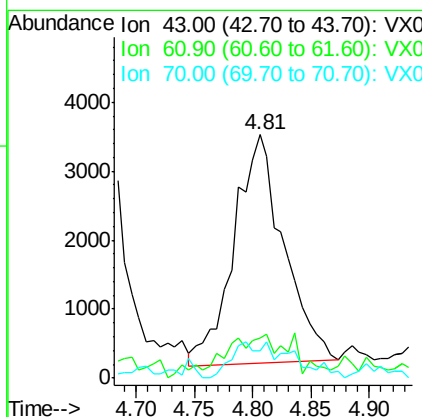
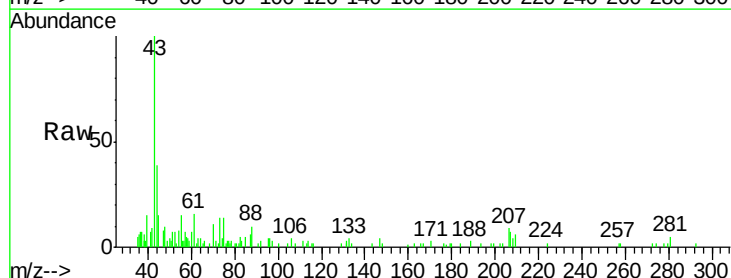
Manual Integrations
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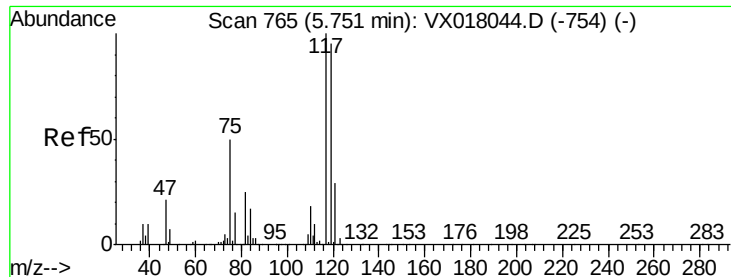
MMDadoda
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#37
 Ethyl Acetate
 Concen: 0.891 ug/l
 RT: 4.81 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion:	43	Resp:	9889
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	12.9	8.2	12.4#





#38

Carbon Tetrachloride

Concen: 1.006 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

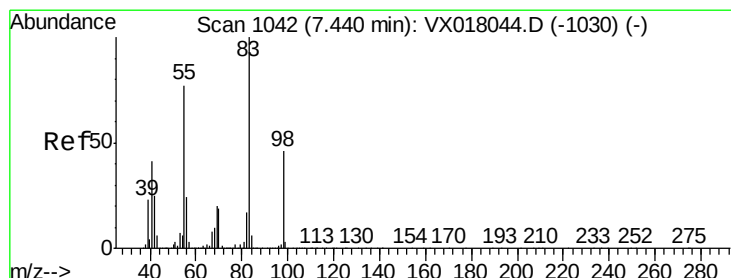
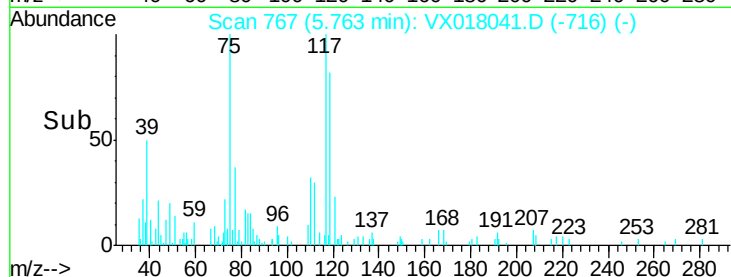
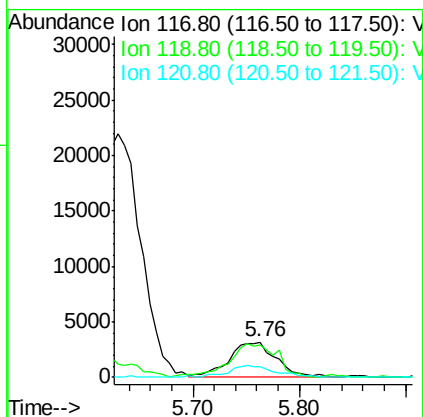
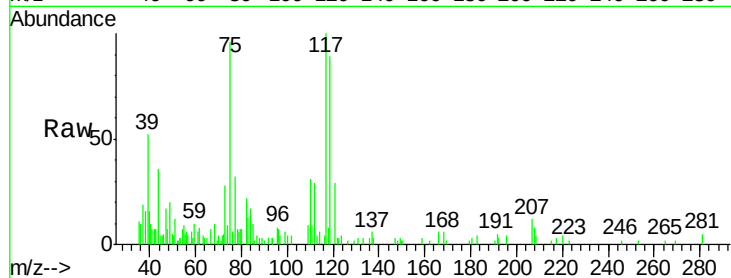
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	10016
Ion Ratio	Lower	Upper	
117	100		
119	84.0	75.8	113.6
121	28.9	23.4	35.0

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#39

Methylcyclohexane

Concen: 0.864 ug/l

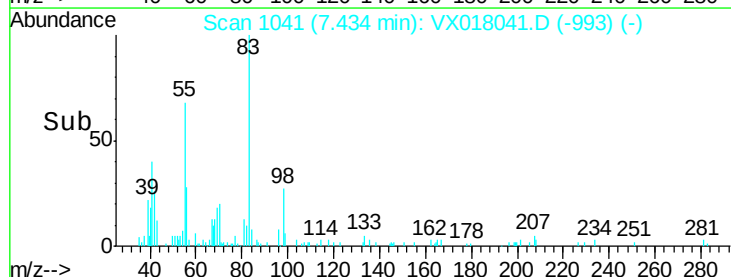
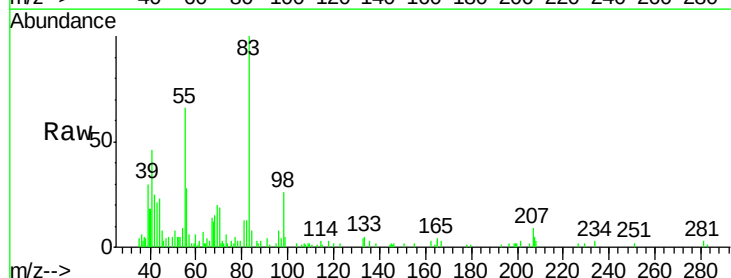
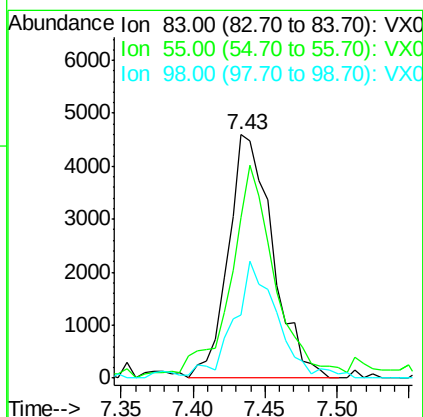
RT: 7.43 min Scan# 1041

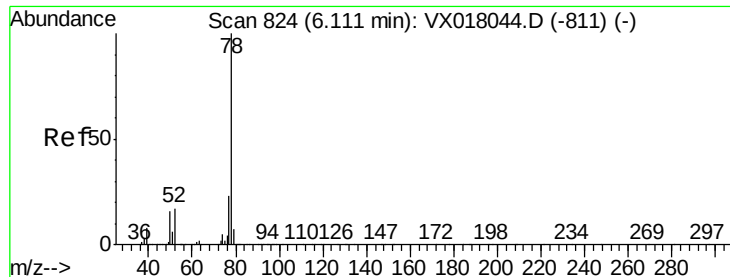
Delta R.T. -0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion:	83	Resp:	9885
Ion Ratio	Lower	Upper	
83	100		
55	61.5	61.8	92.6#
98	24.6	36.6	55.0#





#40

Benzene

Concen: 0.945 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 26602

Ion Ratio Lower Upper

78 100

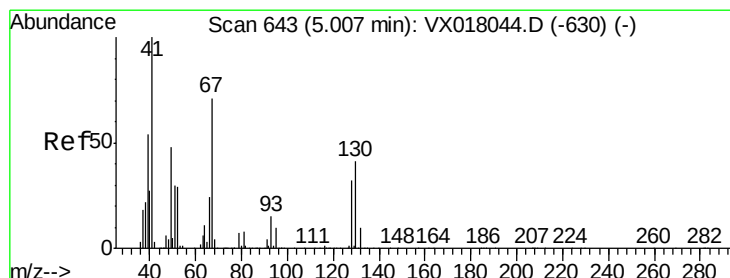
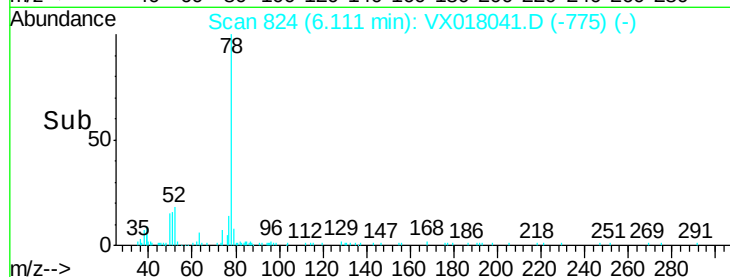
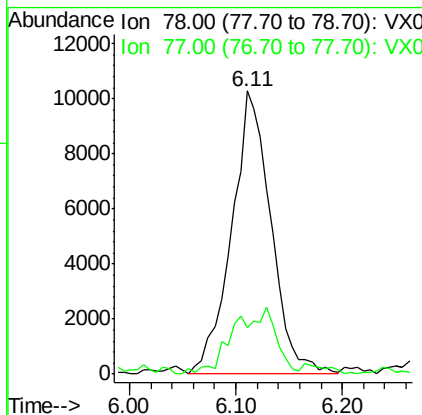
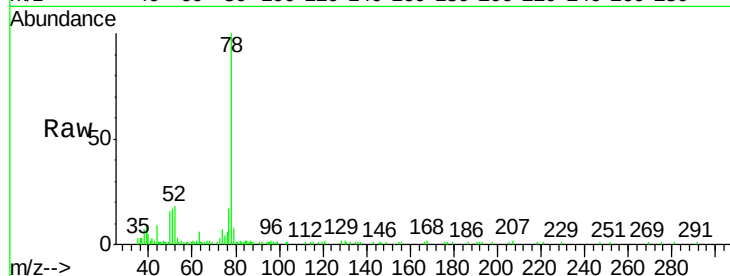
77 15.4 18.2 27.2#

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#41

Methacrylonitrile

Concen: 1.080 ug/l m

RT: 5.02 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion: 41 Resp: 6482

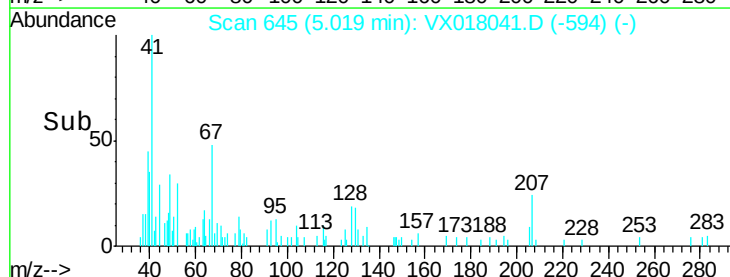
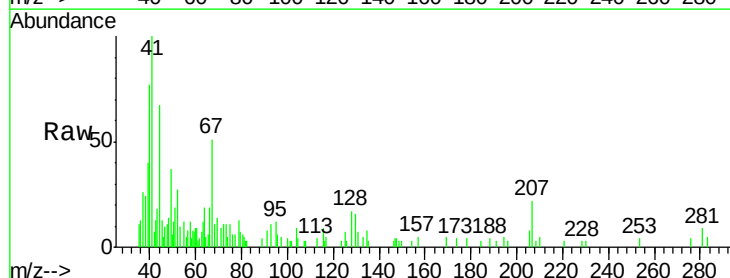
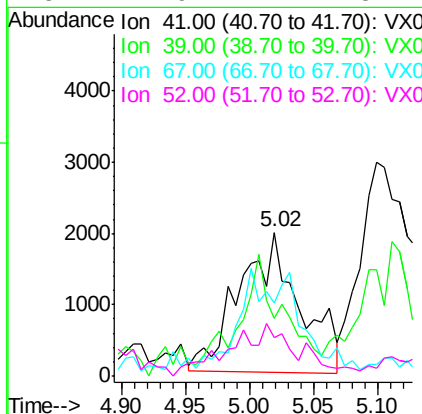
Ion Ratio Lower Upper

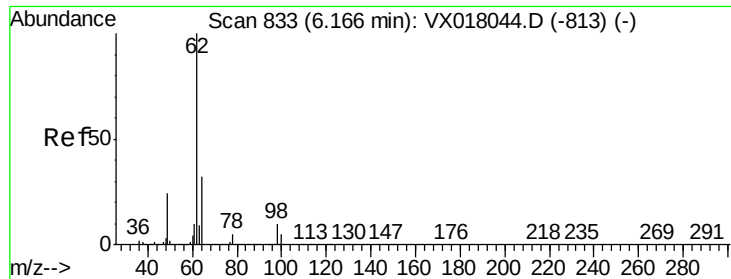
41 100

39 53.9 43.1 64.7

67 37.0 56.0 84.0#

52 7.9 22.7 34.1#





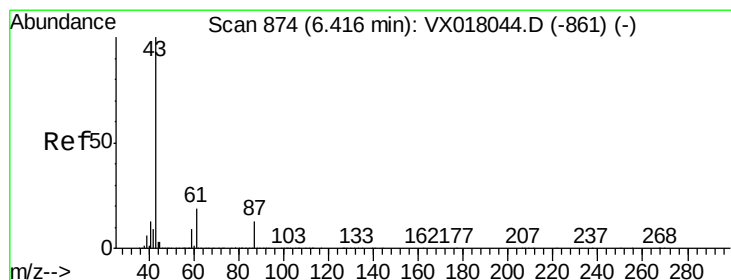
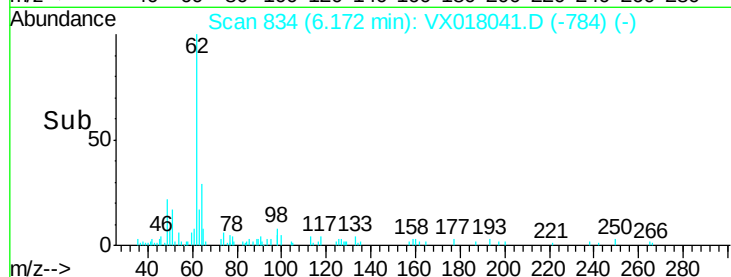
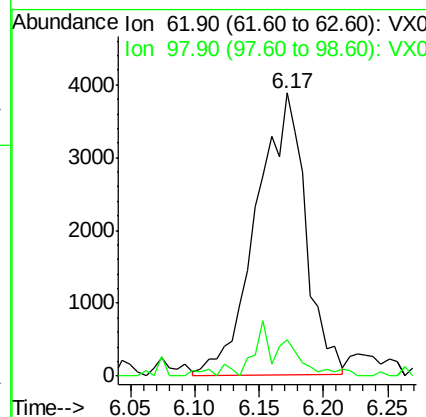
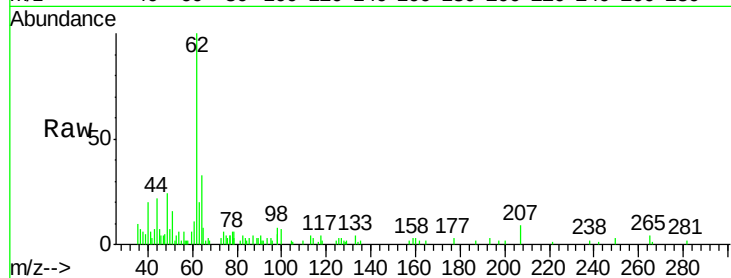
#42
1,2-Dichloroethane
Concen: 0.996 ug/l
RT: 6.17 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	10208		
98	5.2	0.0	18.2	

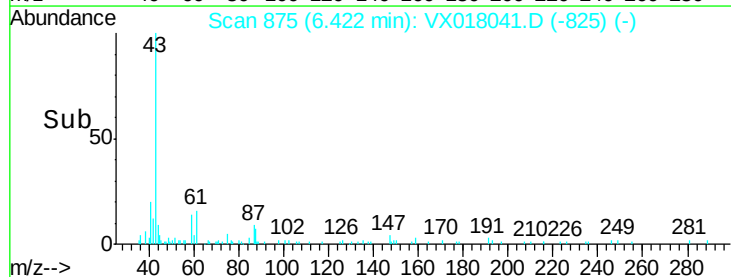
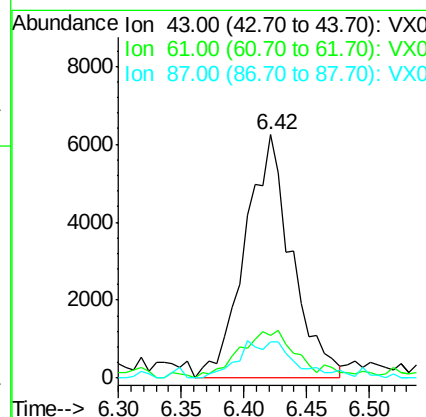
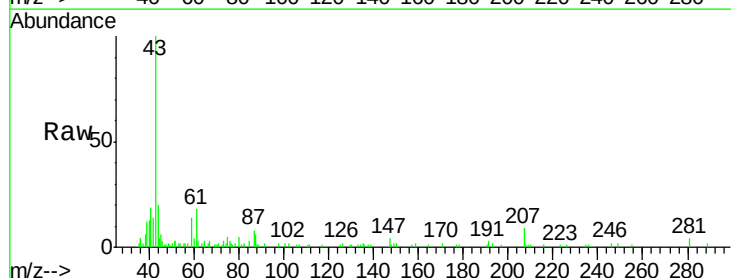
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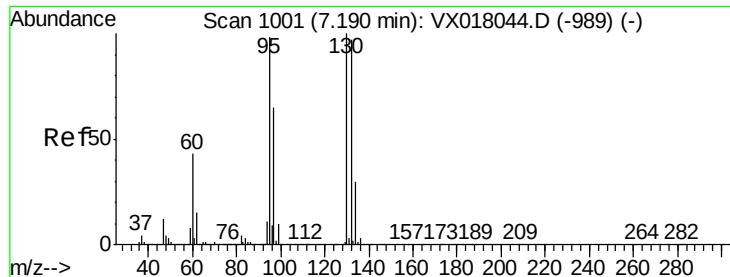
MMDadoda
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#43
Isopropyl Acetate
Concen: 0.904 ug/l m
RT: 6.42 min Scan# 875
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	16114		
61	1.0	15.7	23.5#	
87	0.6	10.3	15.5#	





#44

Trichloroethene

Concen: 0.765 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 7440

Ion Ratio Lower Upper

130 100

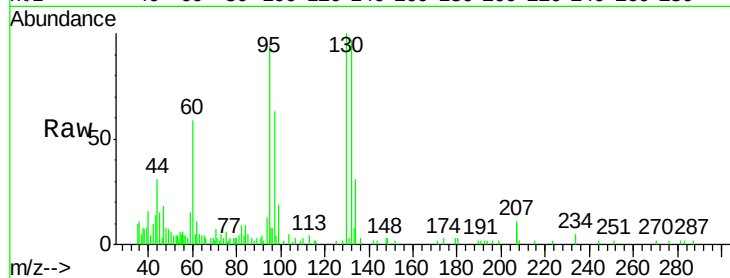
95 91.7 0.0 196.4

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

4000

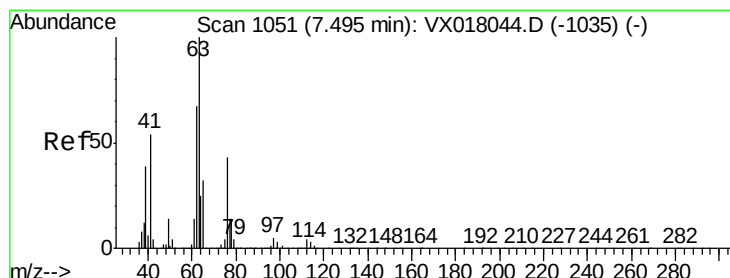
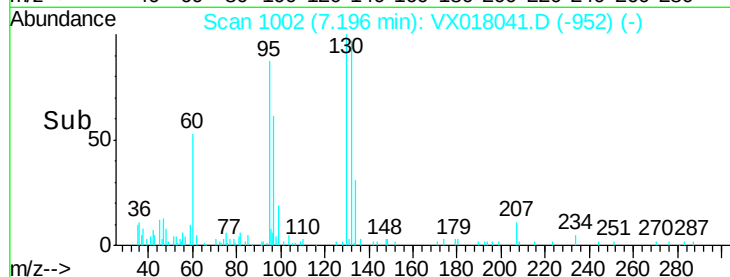
3000

2000

1000

0

Time--> 7.10 7.15 7.20 7.25



#45

1,2-Dichloropropane

Concen: 0.919 ug/l

RT: 7.50 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VX018041.D

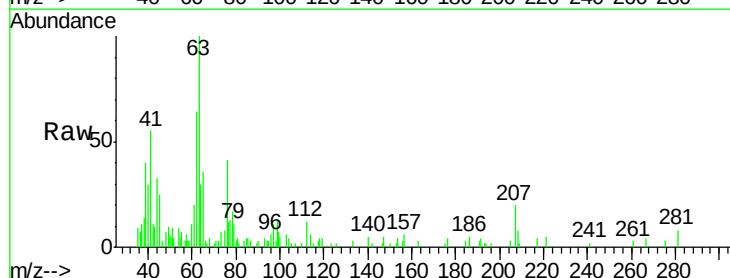
Acq: 20 Aug 2020 18:36

Tgt Ion: 63 Resp: 6616

Ion Ratio Lower Upper

63 100

65 34.1 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

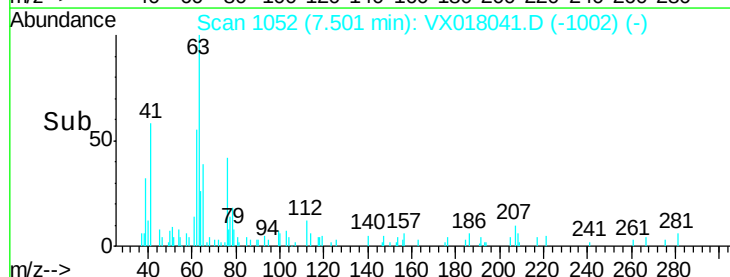
3000

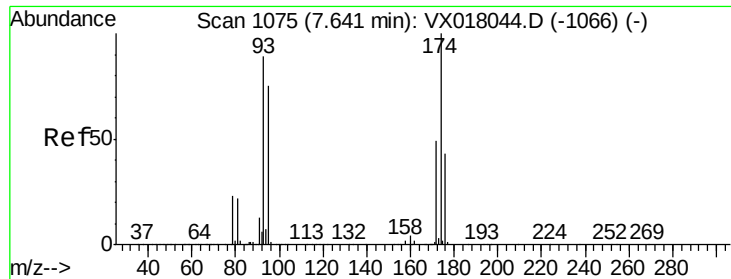
2000

1000

0

Time--> 7.40 7.45 7.50 7.55





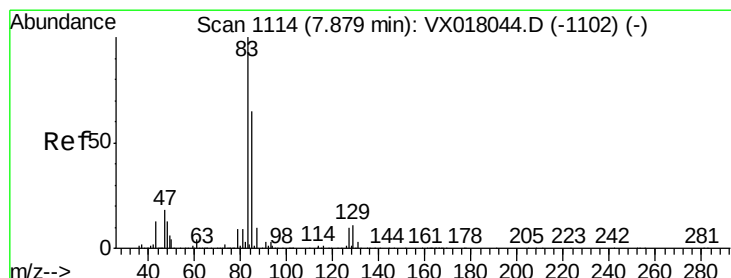
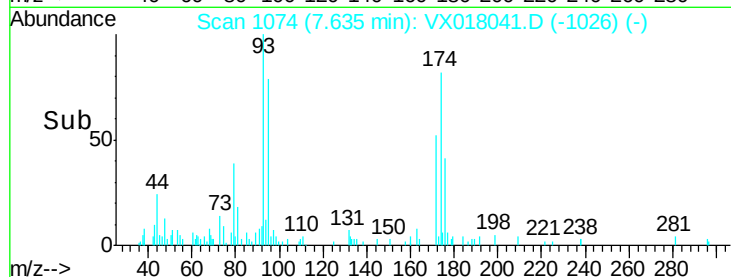
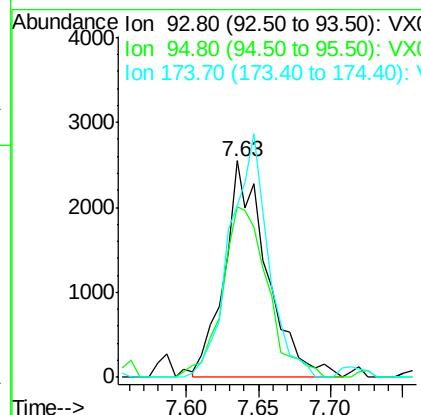
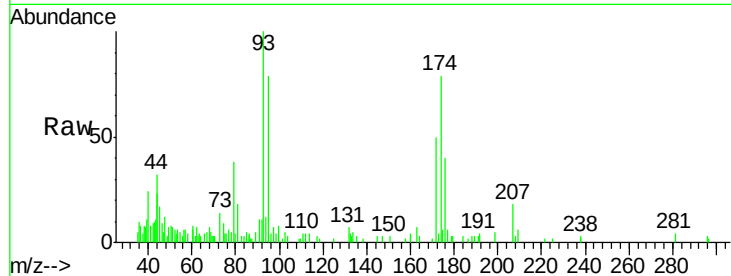
#46
Dibromomethane
Concen: 1.065 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.3	100.9
174	101.6	82.2	123.2

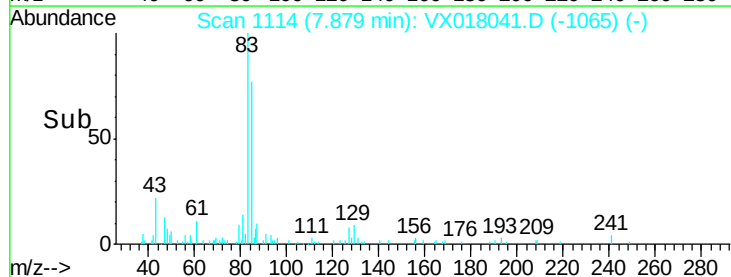
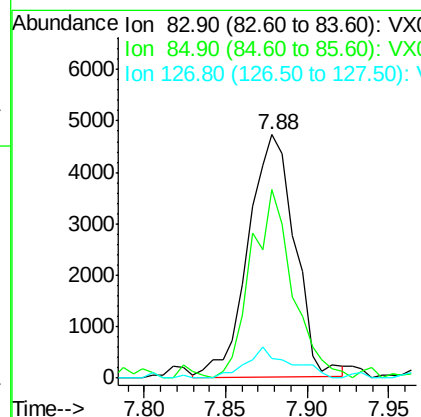
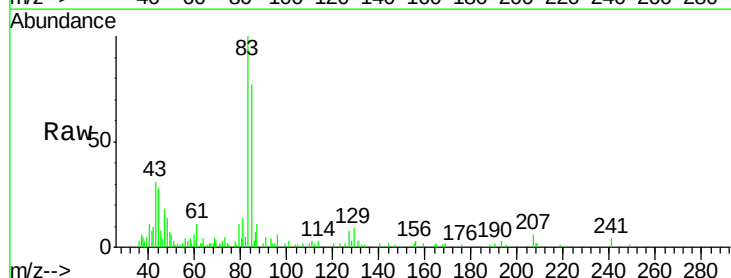
Manual Integrations
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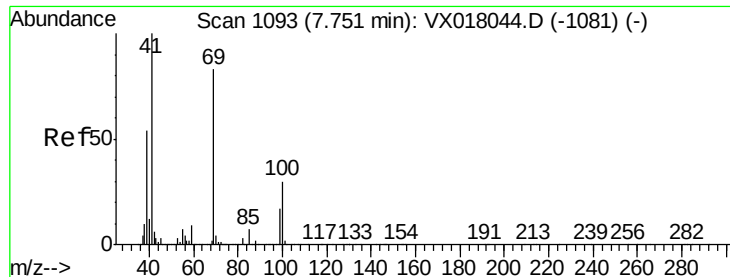
MMDadoda
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#47
Bromodichloromethane
Concen: 0.938 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	75.8	51.8	77.6
127	8.4	7.7	11.5





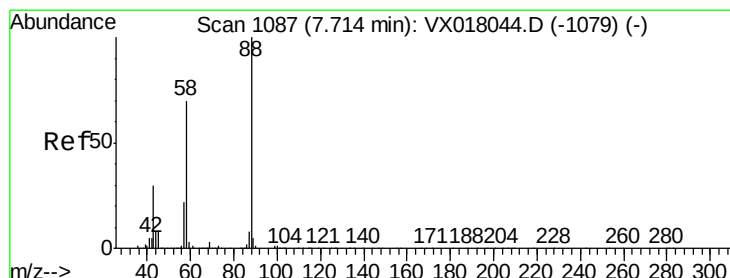
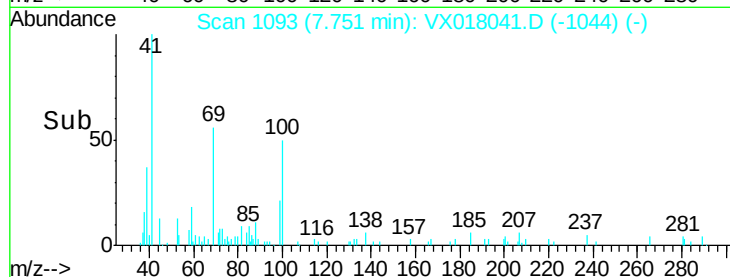
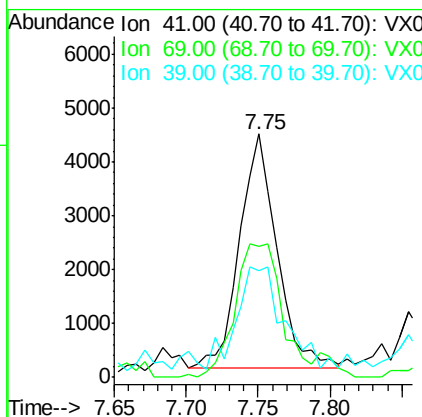
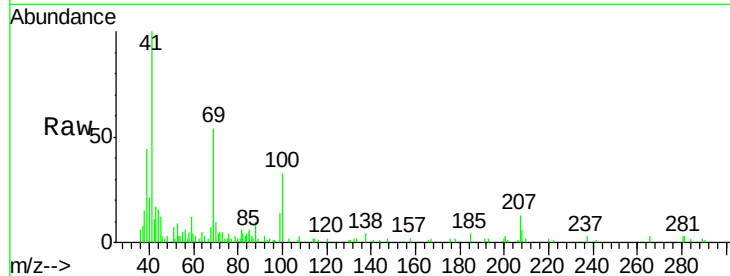
#48
Methvl methacrylate
Concen: 0.922 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	71.2	65.5	98.3
39	62.1	44.5	66.7

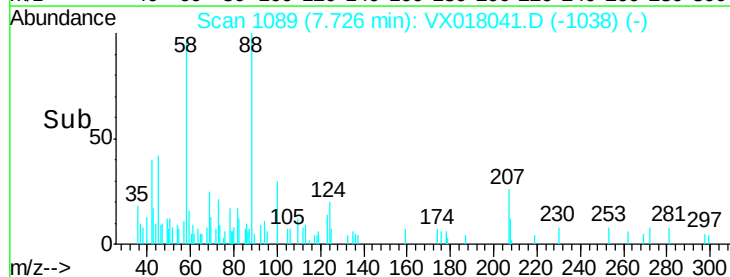
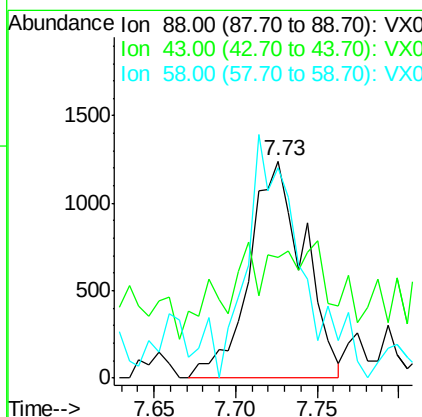
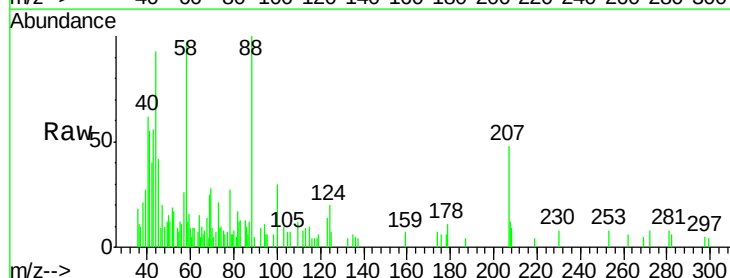
Manual Integrations
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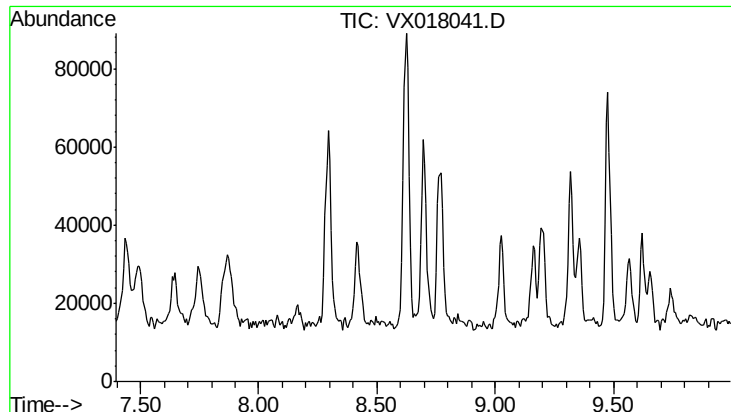
MMDadoda
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#49
1,4-Dioxane
Concen: 14.706 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	108.9	56.4	84.6#





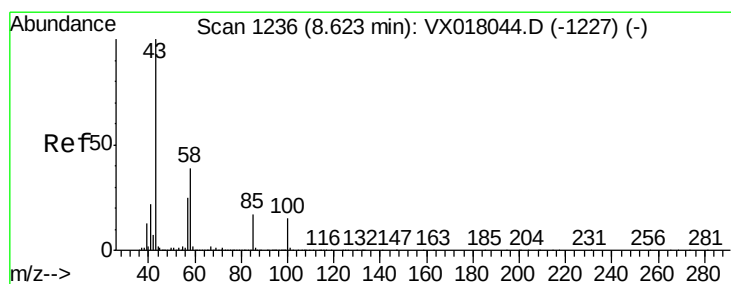
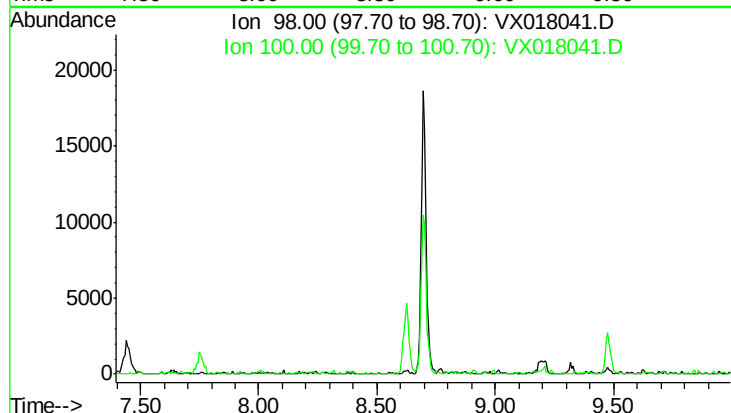
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

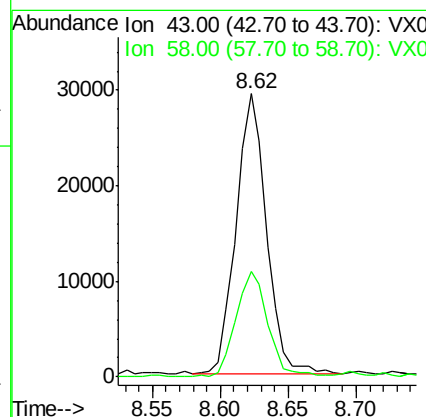
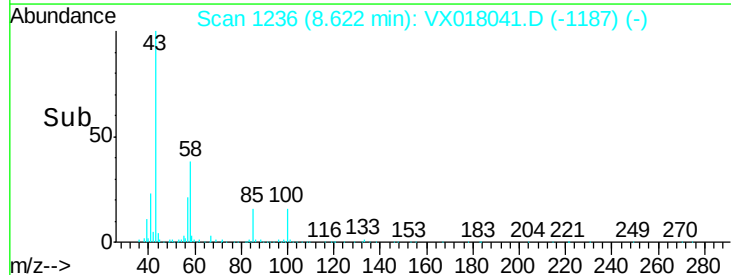
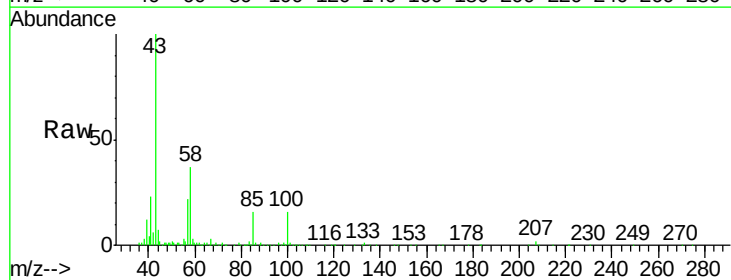
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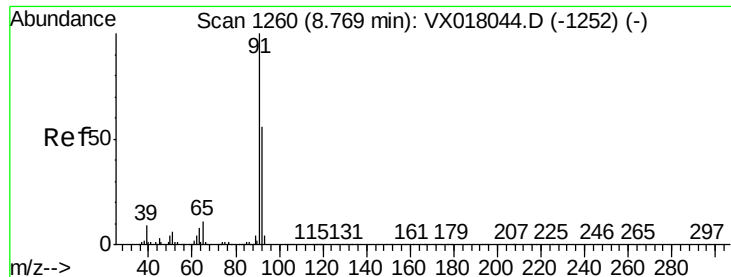
MMDadoda
8/21/2020 11:23:03 AM



#51
4-Methyl-2-Pentanone
Concen: 4.193 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion: 43 Resp: 45734
Ion Ratio Lower Upper
43 100
58 39.6 30.7 46.1





#52

Toluene

Concen: 0.927 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 16300

Ion Ratio Lower Upper

92 100

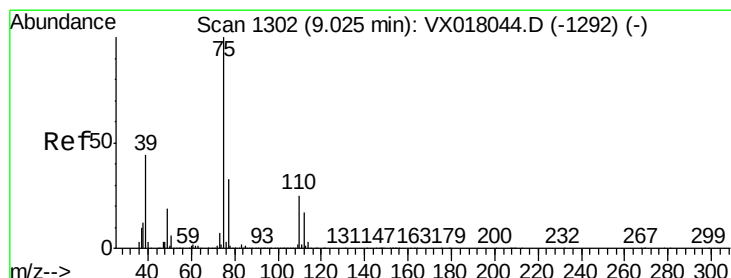
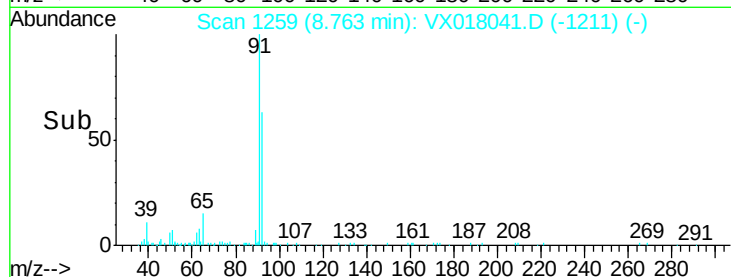
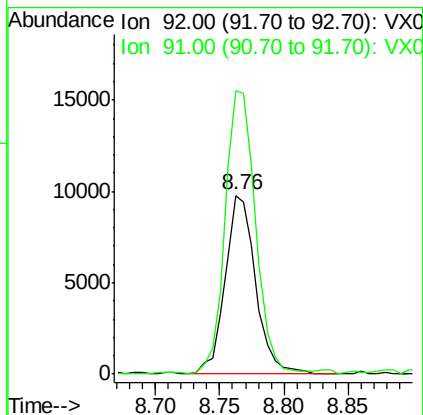
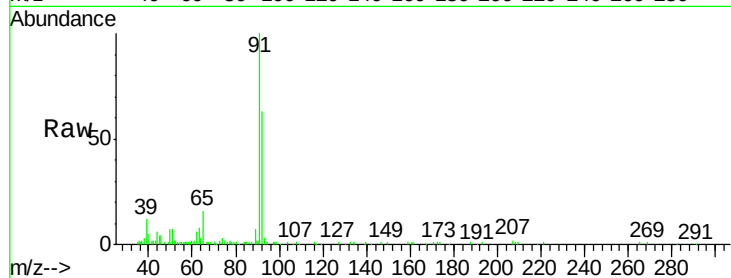
91 156.4 140.3 210.5

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#53

t-1,3-Dichloropropene

Concen: 0.859 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018041.D

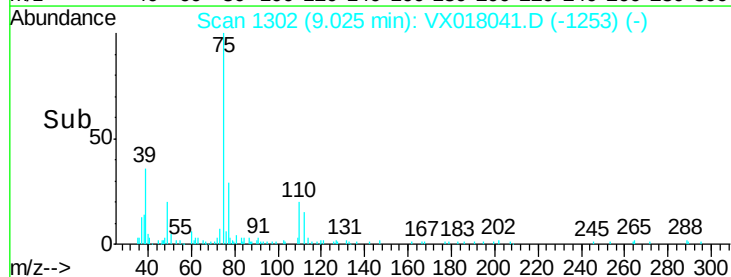
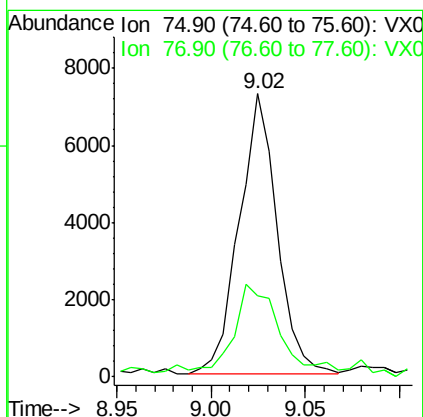
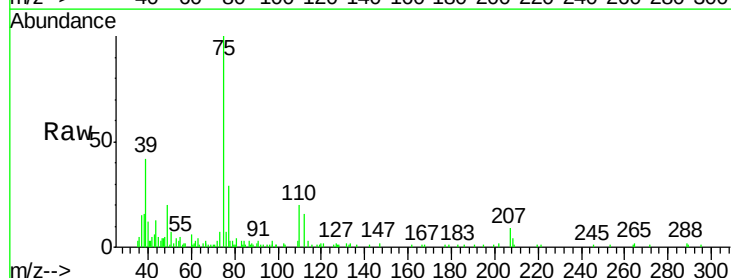
Acq: 20 Aug 2020 18:36

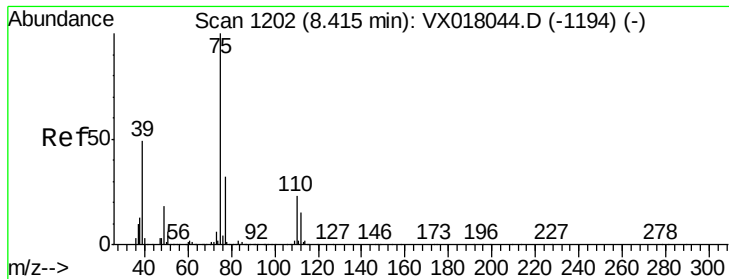
Tgt Ion: 75 Resp: 10129

Ion Ratio Lower Upper

75 100

77 26.8 26.6 39.8





#54

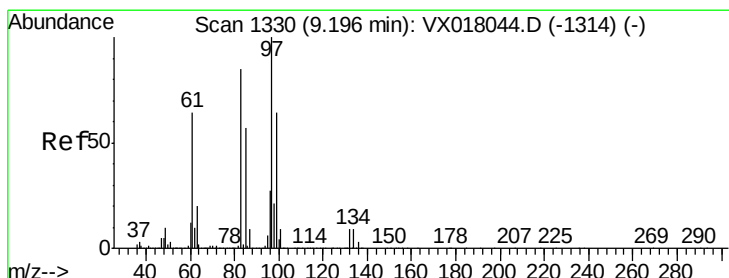
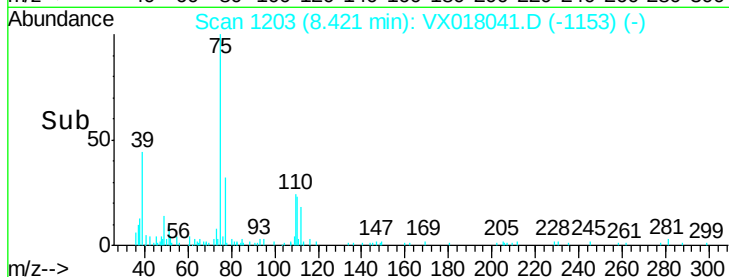
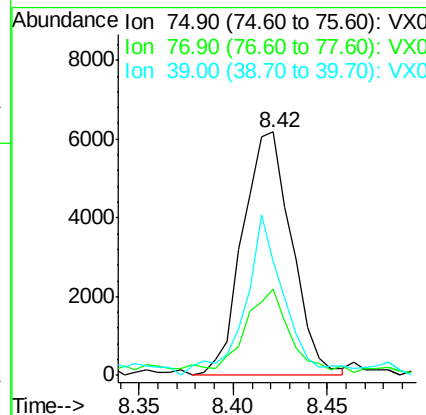
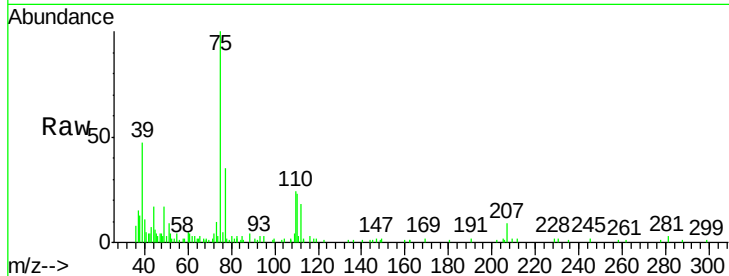
cis-1,3-Dichloropropene
 Concen: 0.907 ug/l
 RT: 8.42 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8
39	43.1	38.8	58.2

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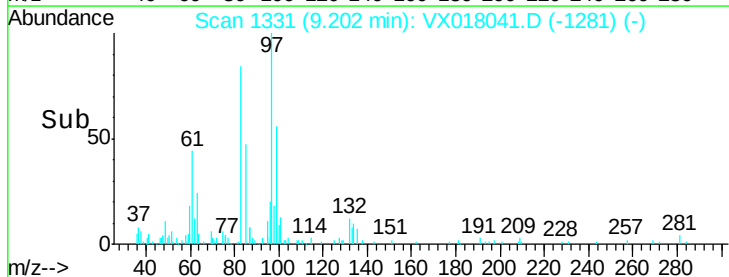
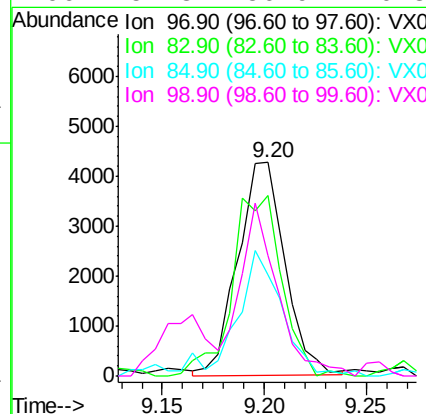
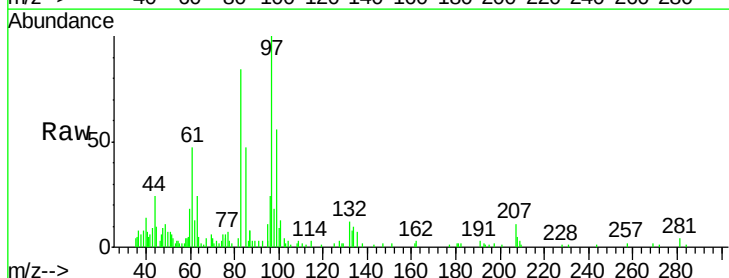
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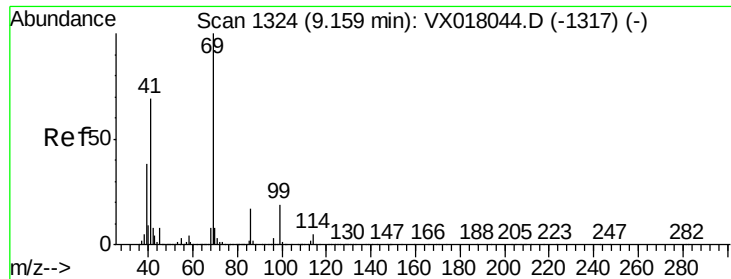


#55

1,1,2-Trichloroethane
 Concen: 0.981 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.8	101.6
85	46.9	45.3	67.9
99	54.3	50.9	76.3





#56

Ethyl methacrylate

Concen: 0.822 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

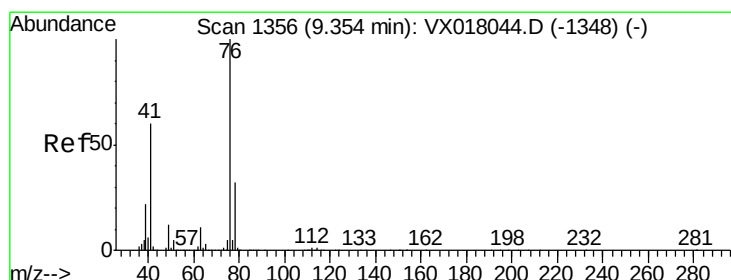
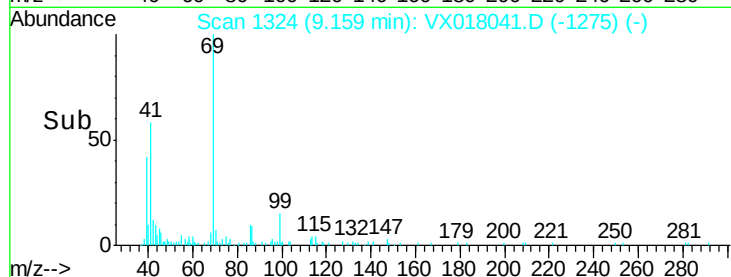
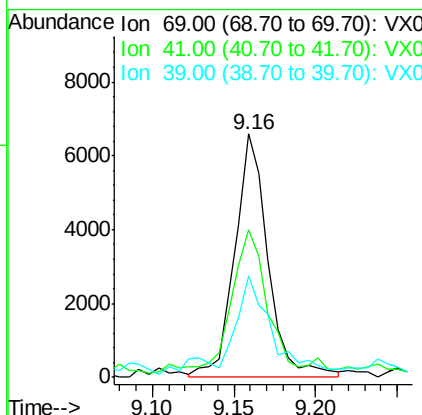
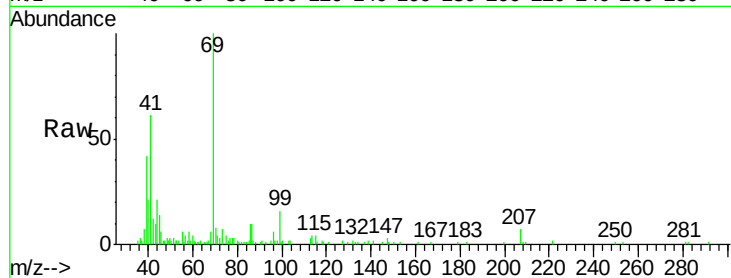
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	9261
Ion	Ratio	Lower	Upper
69	100		
41	59.0	54.6	81.8
39	41.0	29.1	43.7

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.882 ug/l

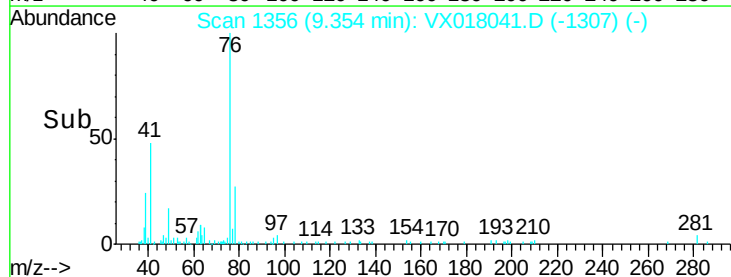
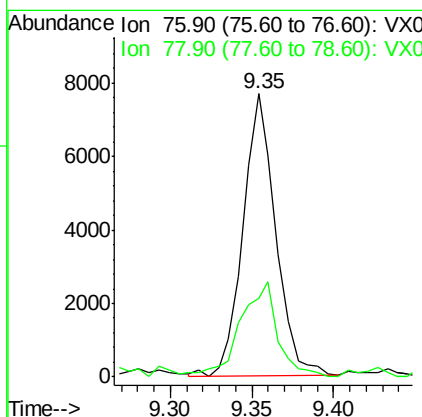
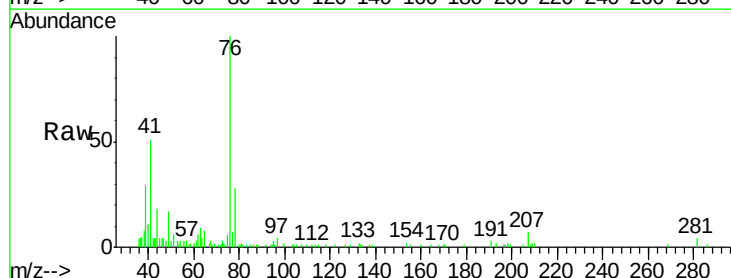
RT: 9.35 min Scan# 1356

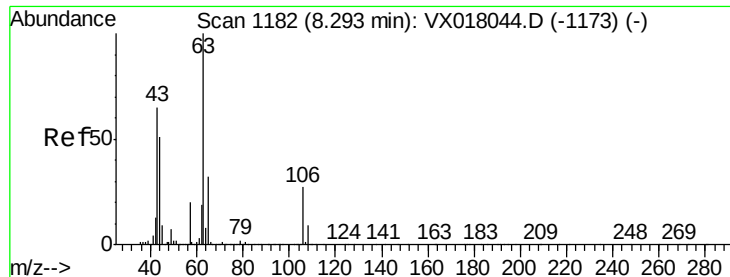
Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion:	76	Resp:	10696
Ion	Ratio	Lower	Upper
76	100		
78	38.0	25.8	38.6





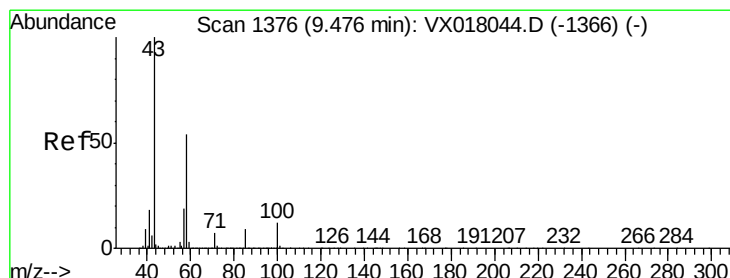
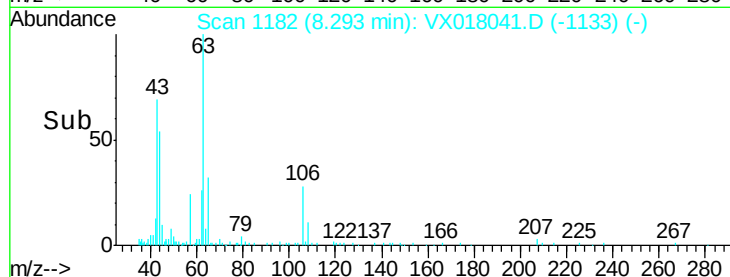
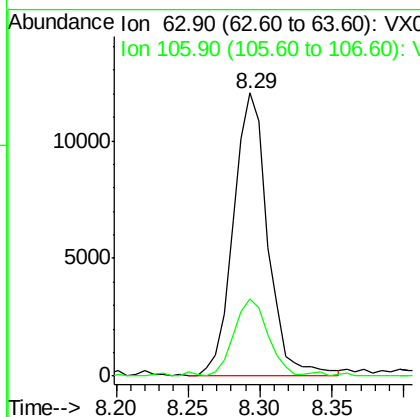
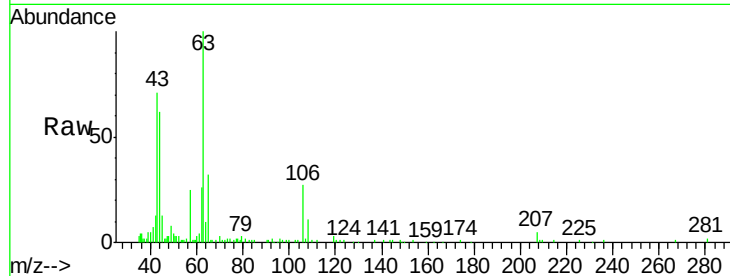
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.436 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 63 Resp: 20065
 Ion Ratio Lower Upper
 63 100
 106 26.9 22.1 33.1

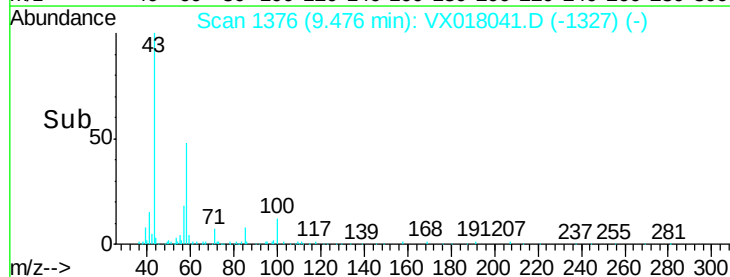
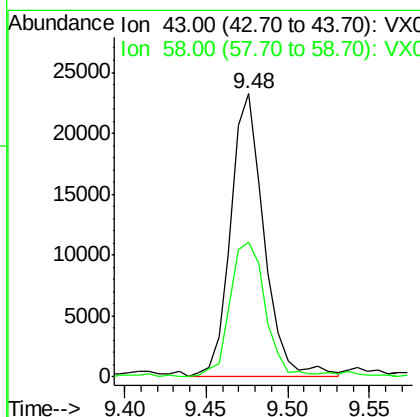
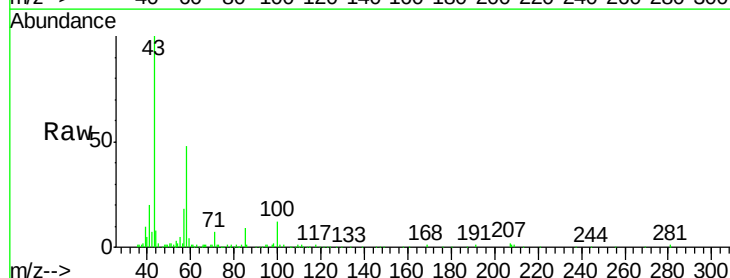
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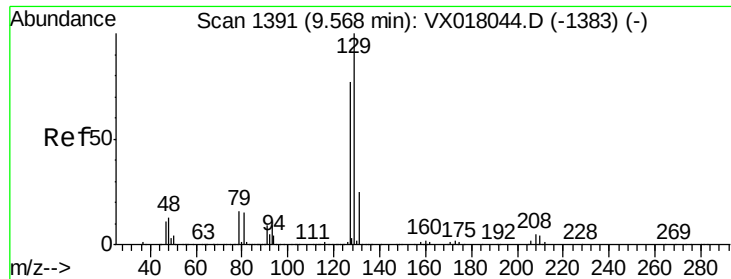
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#59
 2-Hexanone
 Concen: 3.875 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion: 43 Resp: 33154
 Ion Ratio Lower Upper
 43 100
 58 49.9 26.6 79.7





#60

Dibromochloromethane

Concen: 1.002 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 7803

Ion Ratio Lower Upper

129 100

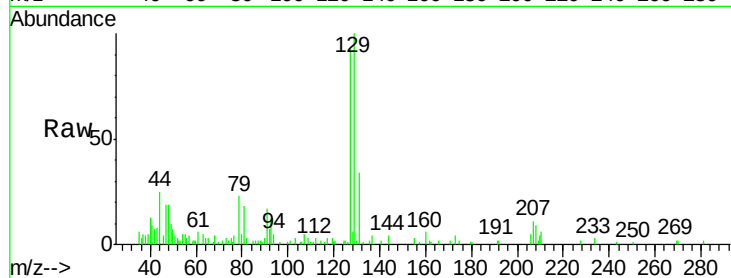
127 72.8 38.9 116.6

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

4000

3000

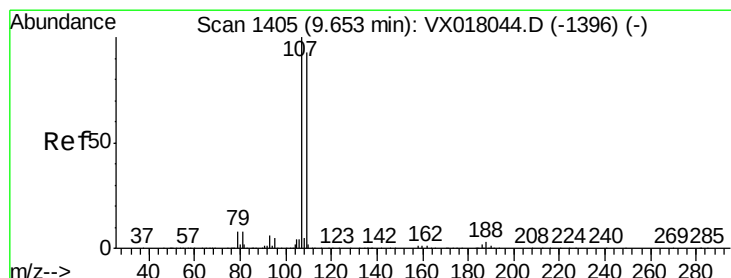
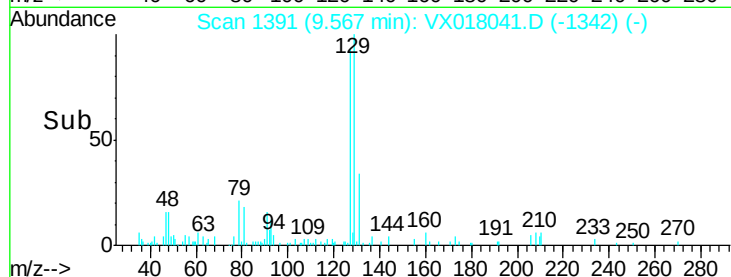
2000

1000

0

9.50 9.55 9.60

Time-->



#61

1,2-Dibromoethane

Concen: 0.968 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018041.D

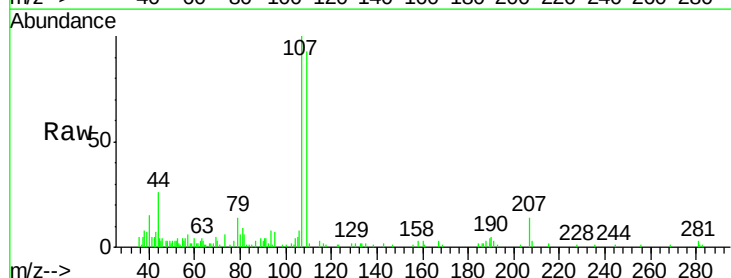
Acq: 20 Aug 2020 18:36

Tgt Ion:107 Resp: 7323

Ion Ratio Lower Upper

107 100

109 93.7 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

5000

4000

3000

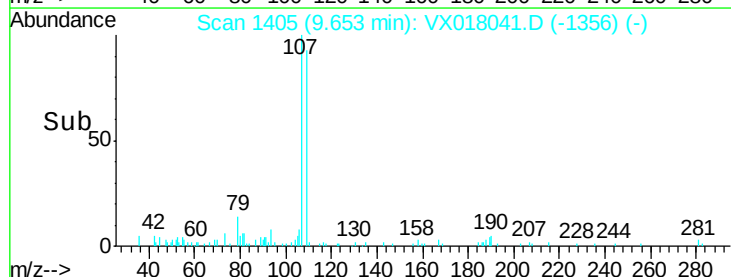
2000

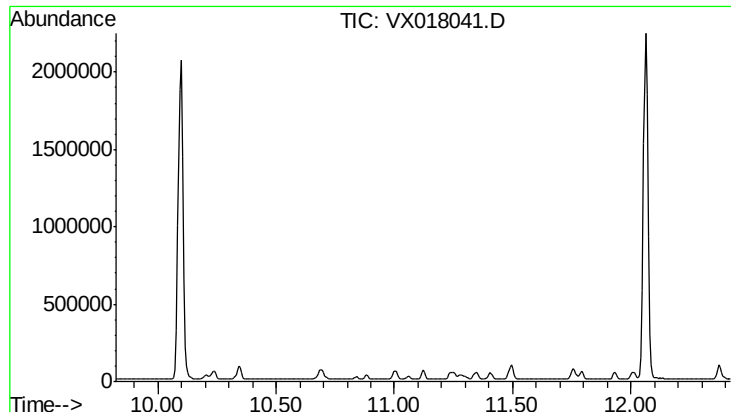
1000

0

9.60 9.65 9.70

Time-->





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tot Ion	95
Sig	Exp Ratio
95	100
174	80.1
176	77.9

Instrument :

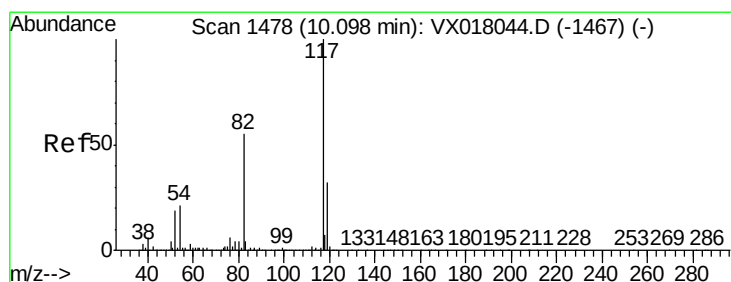
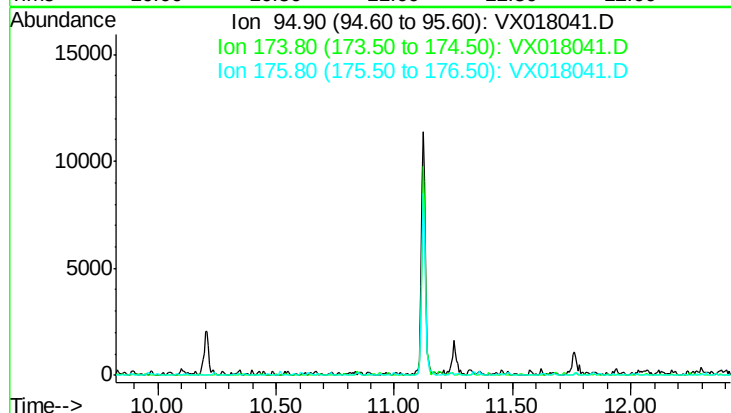
MSVOA_X

ClientSampleId :

VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

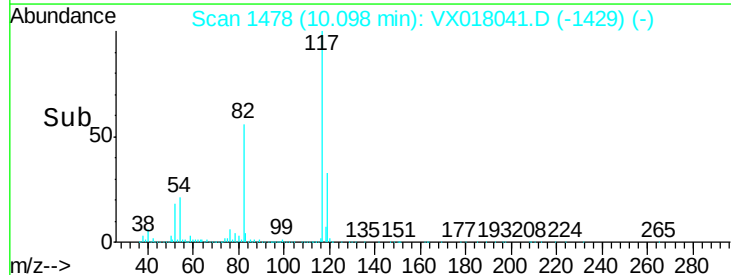
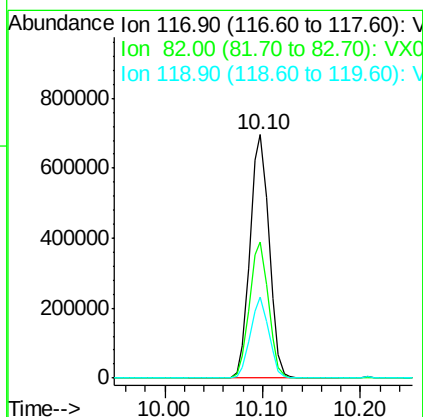
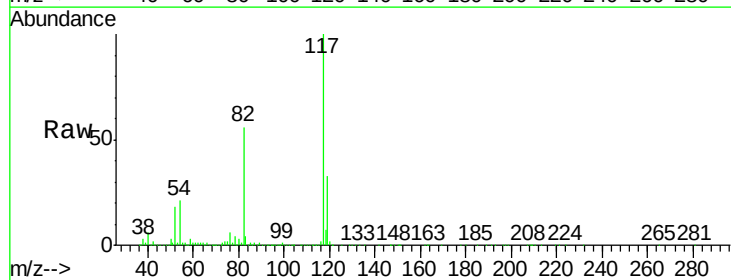
RT: 10.10 min Scan# 1478

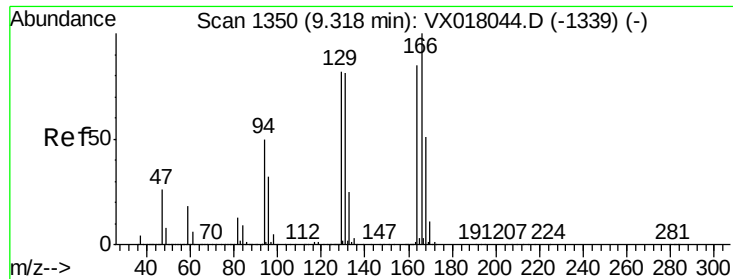
Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion	117	Resp	946343
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.2	66.2
119	33.2	25.7	38.5





#64

Tetrachloroethene

Concen: 0.707 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 7696

Ion Ratio Lower Upper

164 100

166 116.9 94.2 141.2

129 82.1 76.9 115.3

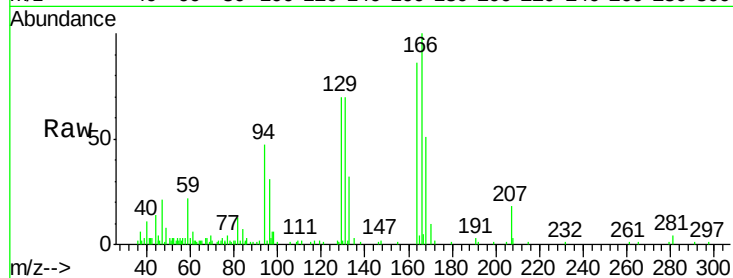
131 81.4 76.1 114.1

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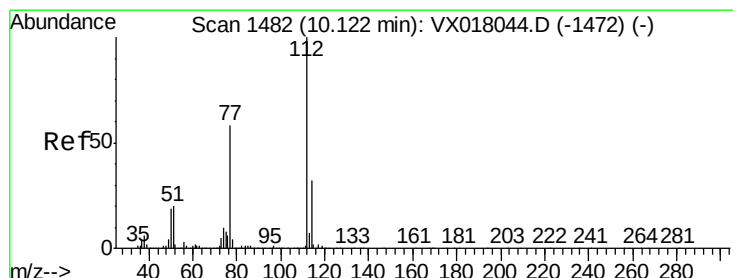
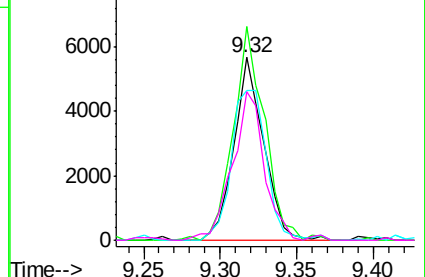
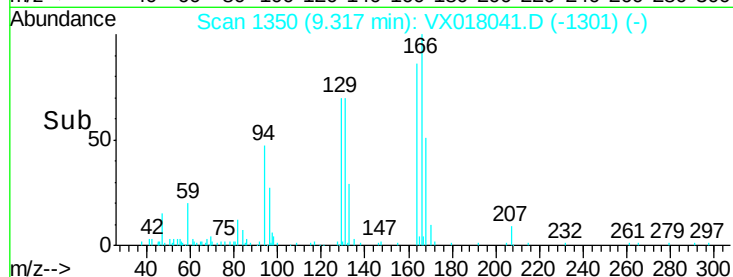
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



#65

Chlorobenzene

Concen: 0.910 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018041.D

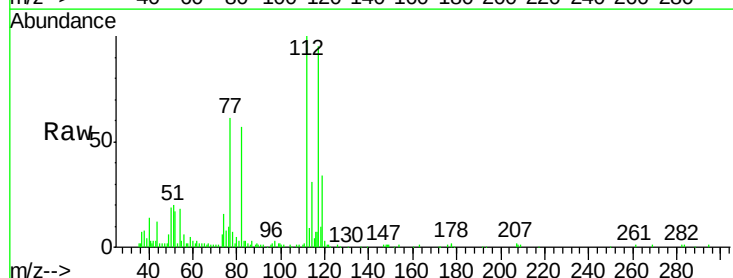
Acq: 20 Aug 2020 18:36

Tgt Ion:112 Resp: 17961

Ion Ratio Lower Upper

112 100

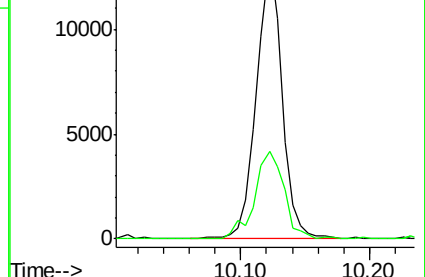
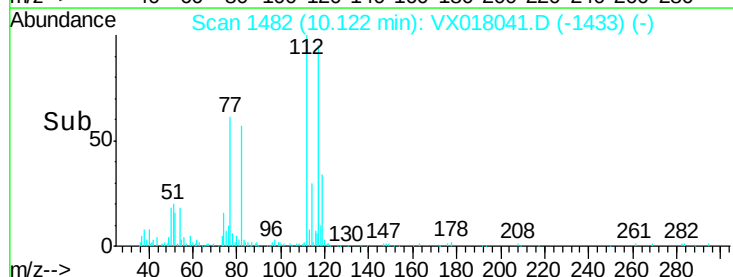
114 30.7 25.7 38.5

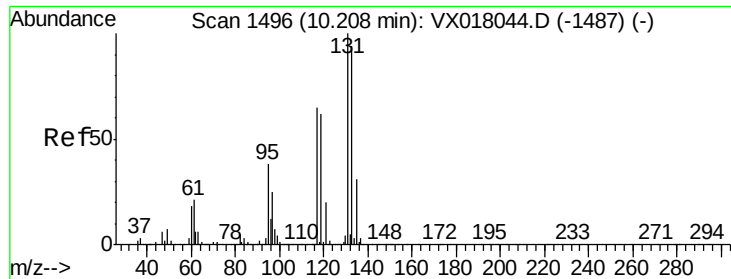


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time-->





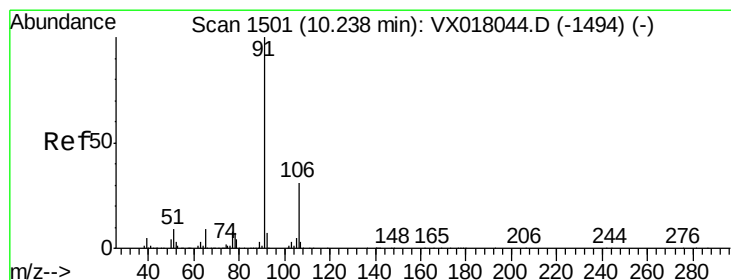
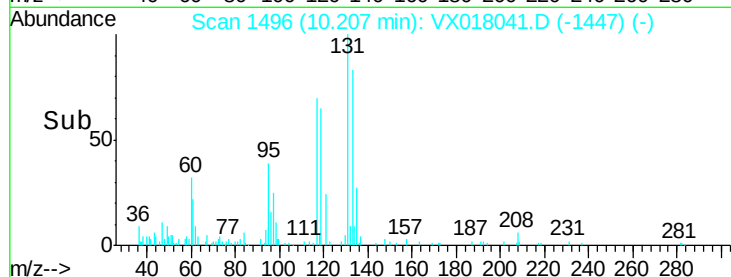
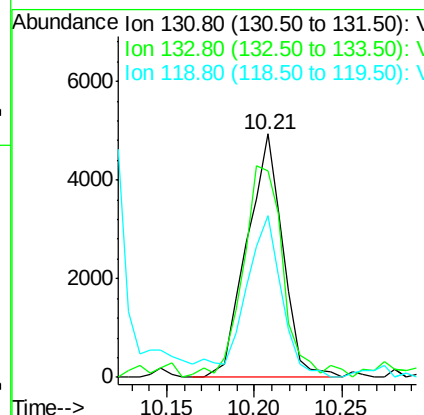
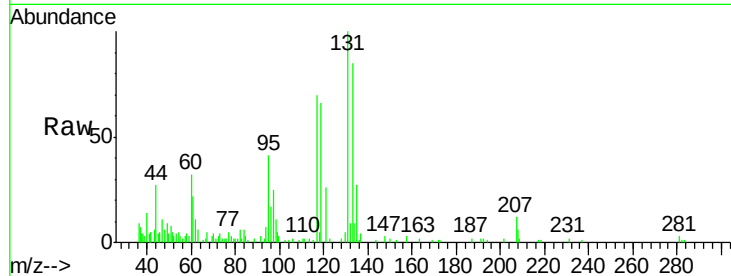
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.955 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.9	46.7	140.1
119	0.0	31.8	95.4#

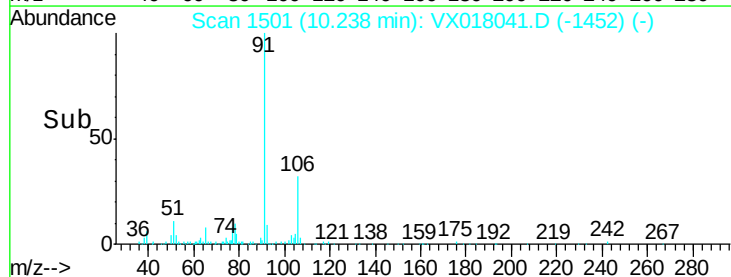
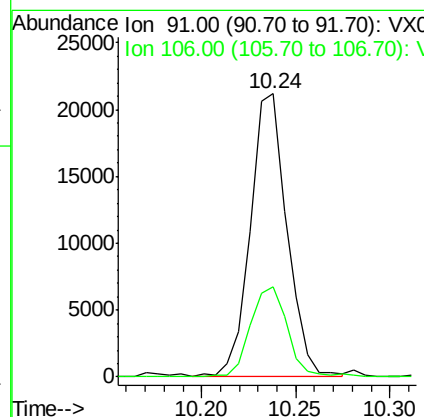
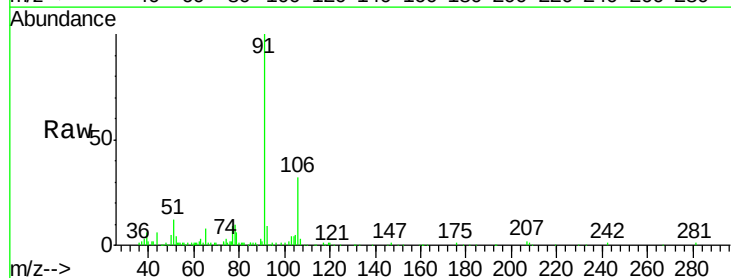
Manual Integrations
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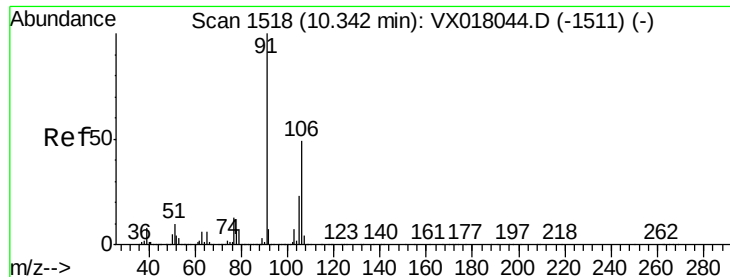
MMDadoda
 8/21/2020 11:23:03 AM



#67
 Ethyl Benzene
 Concen: 0.819 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.9	37.3





#68

m/p-Xylenes

Concen: 1.523 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 19974

Ion Ratio Lower Upper

106 100

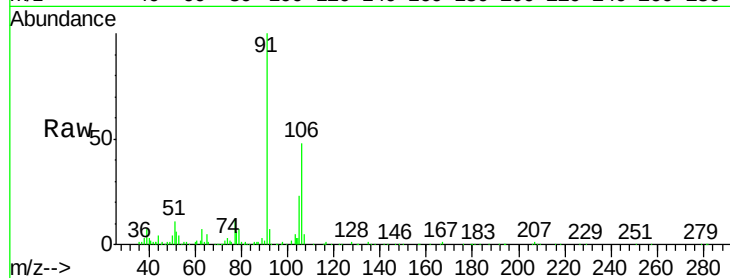
91 211.1 162.2 243.2

Manual Integrations

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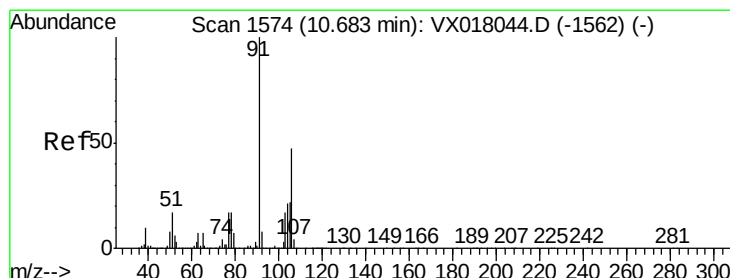
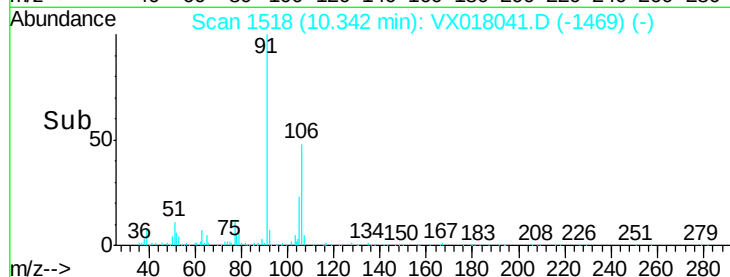
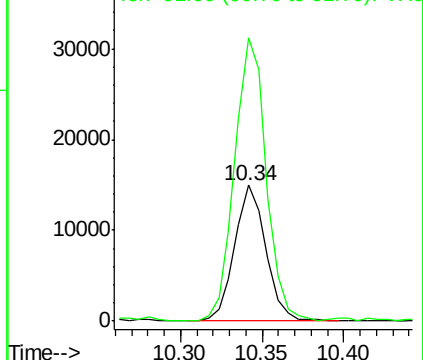
MMDadoda

8/21/2020 11:23:03 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.835 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018041.D

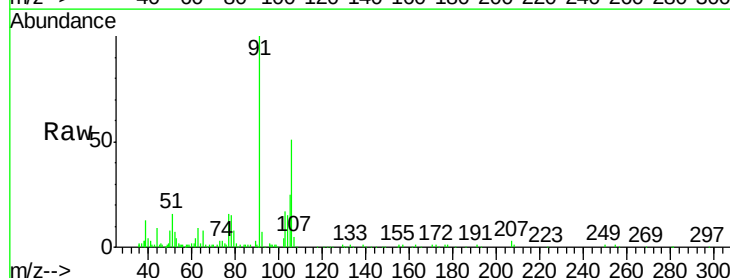
Acq: 20 Aug 2020 18:36

Tgt Ion:106 Resp: 10508

Ion Ratio Lower Upper

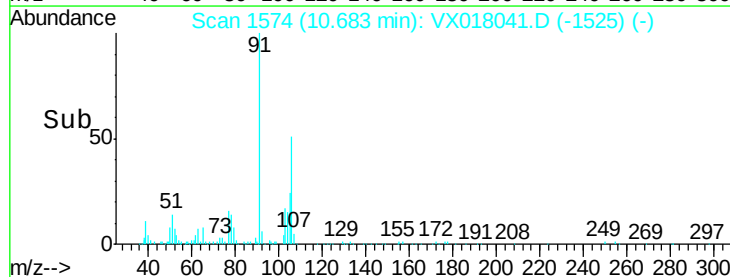
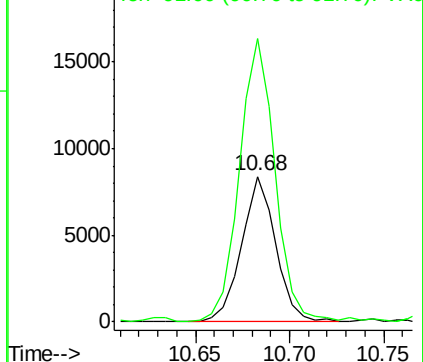
106 100

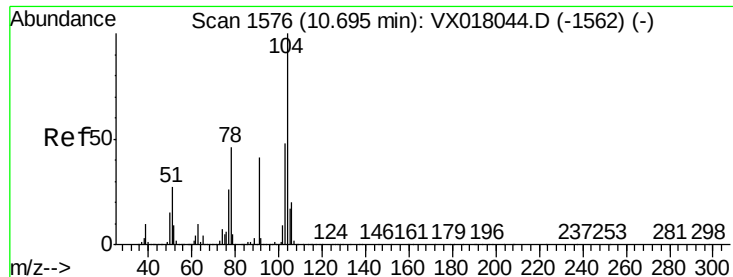
91 202.9 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





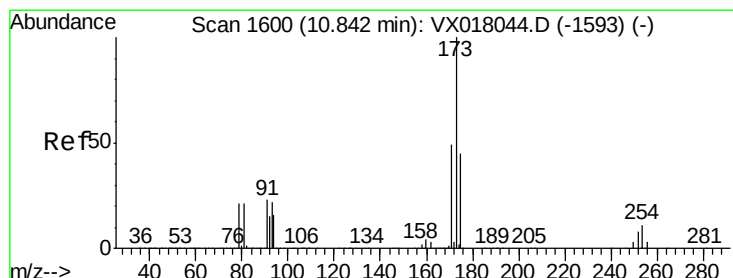
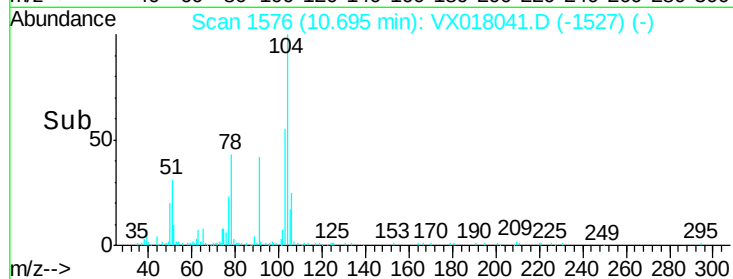
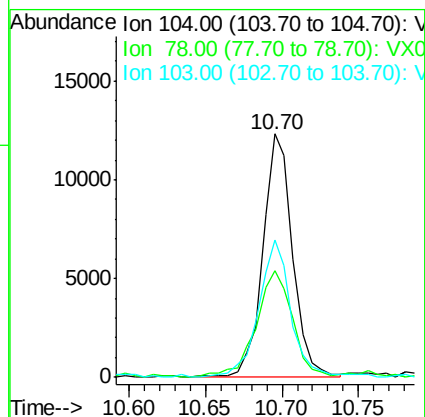
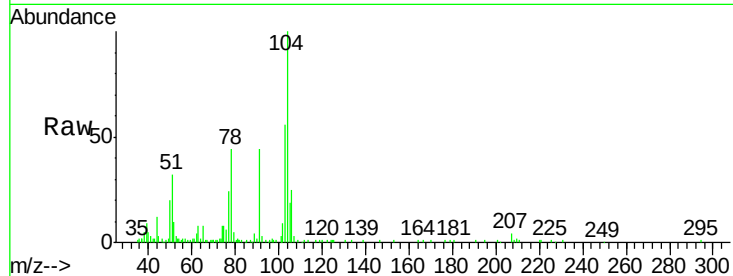
#70
Stvrene
Concen: 0.783 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
104	100	16763		
78	53.9	40.9	61.3	
103	60.7	43.6	65.4	

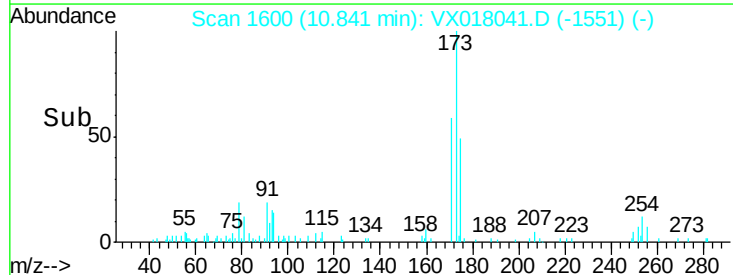
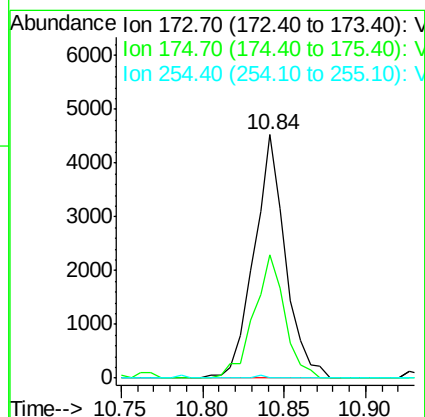
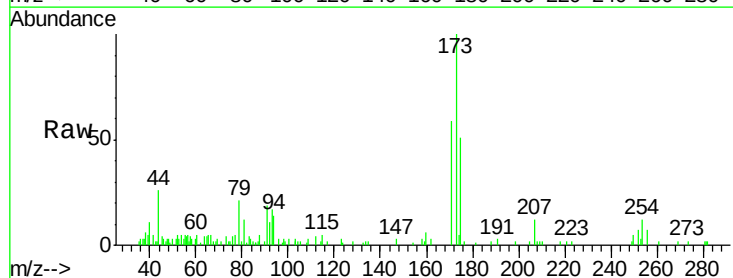
Manual Integrations
APPROVED

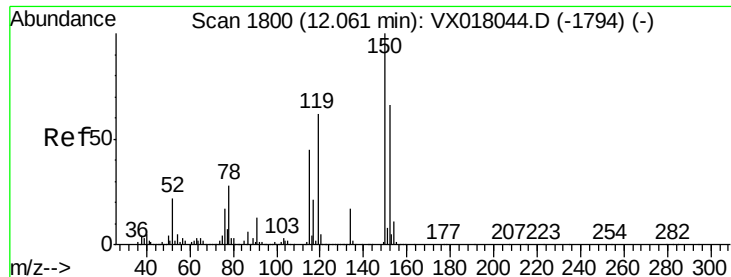
MMDadoda
8/21/2020 11:23:03 AM



#71
Bromoform
Concen: 1.002 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	6038		
175	49.8	23.9	71.8	
254	0.3	0.2	0.2#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

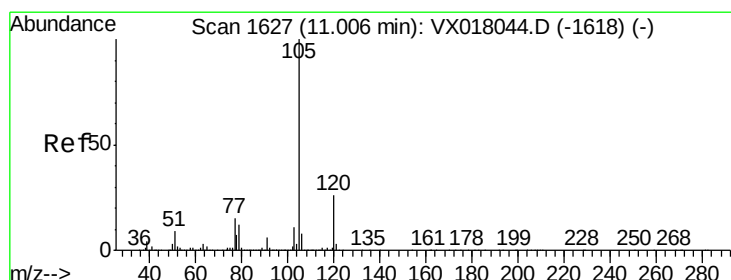
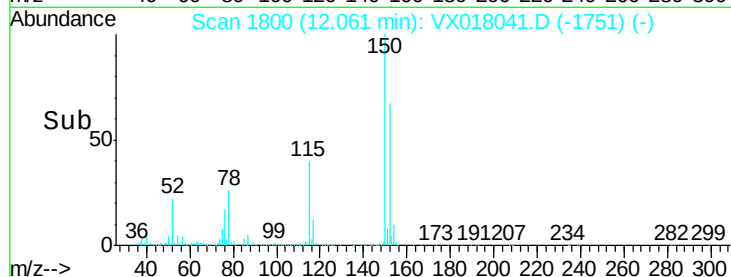
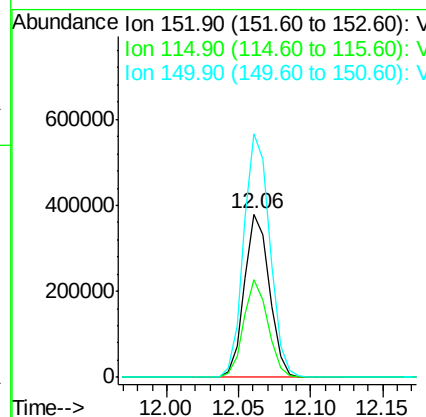
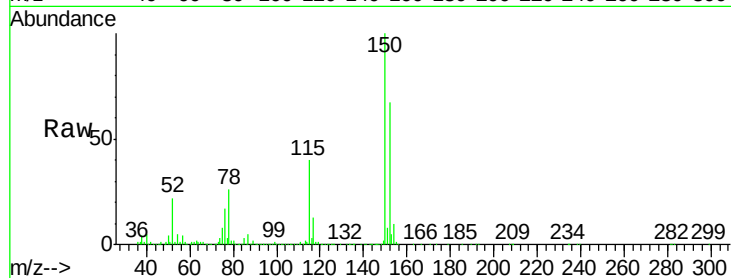
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	458970
Ion Ratio	Lower	Upper	
152	100		
115	58.3	41.5	124.5
150	154.7	0.0	343.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.798 ug/l

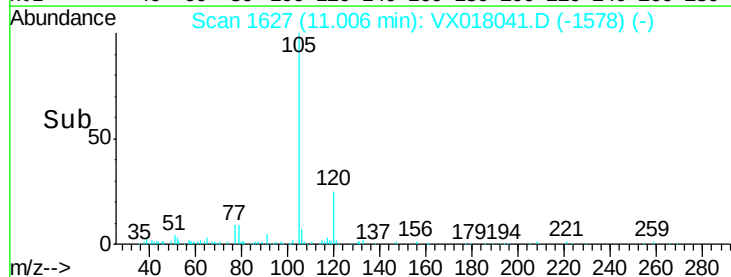
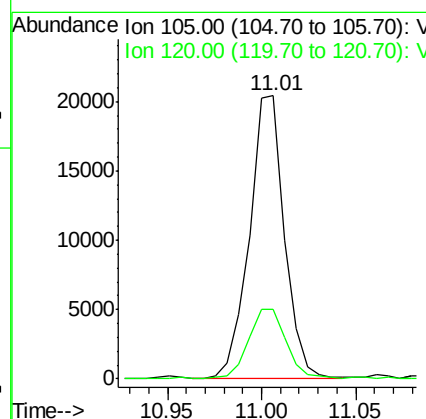
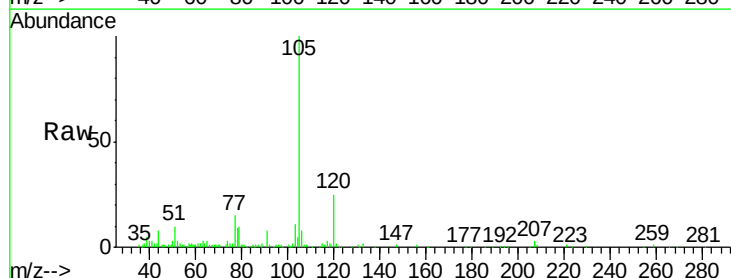
RT: 11.01 min Scan# 1627

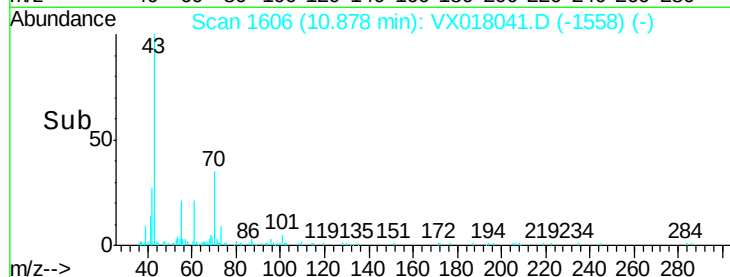
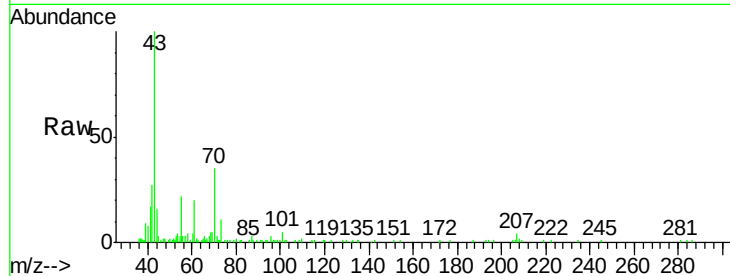
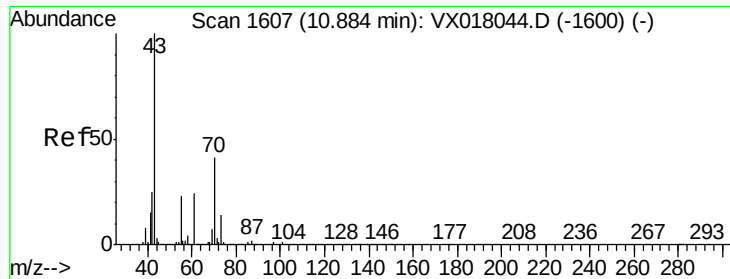
Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion:	105	Resp:	26377
Ion Ratio	Lower	Upper	
105	100		
120	26.5	13.2	39.5





#74

N-amvl acetate

Concen: 0.756 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tot Ion	43	Resp	11735
Ion Ratio	Lower	Upper	
43	100		
70	37.9	32.3	48.5
55	27.6	18.2	27.2#
61	25.6	18.9	28.3

Instrument :

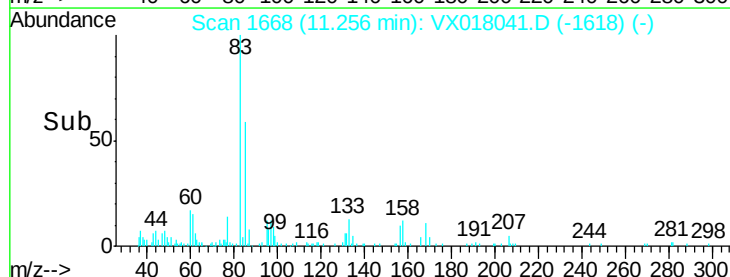
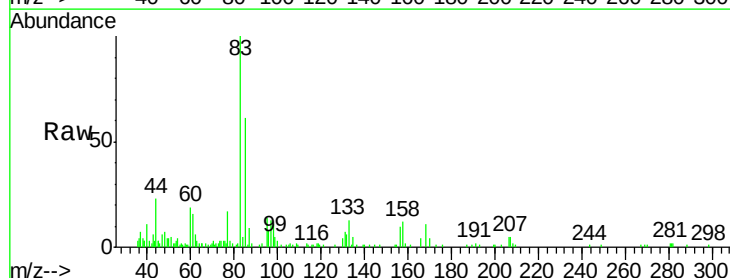
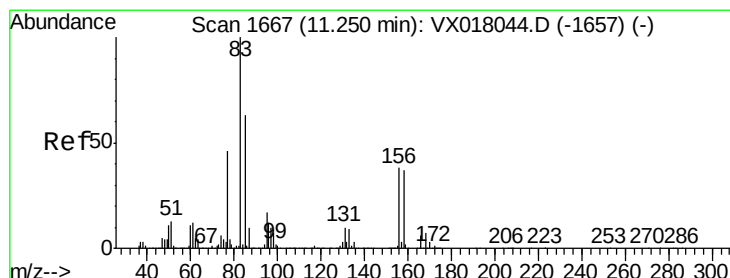
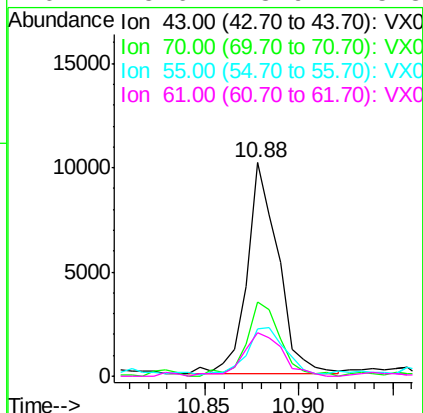
MSVOA_X

ClientSampleId :

VSTDIC001

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.683 ug/l

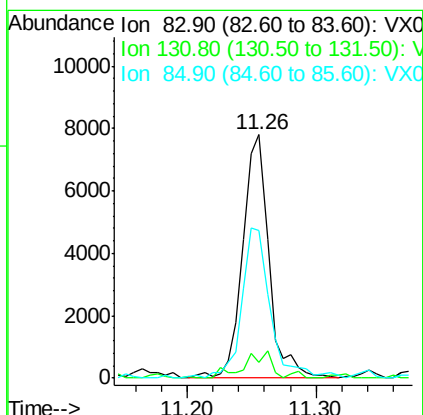
RT: 11.26 min Scan# 1668

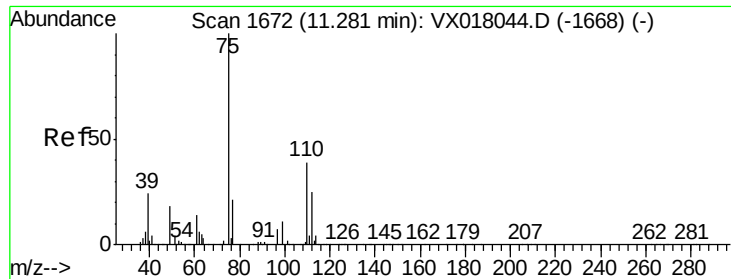
Delta R.T. 0.01 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion	83	Resp	10984
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	67.0	32.2	96.6





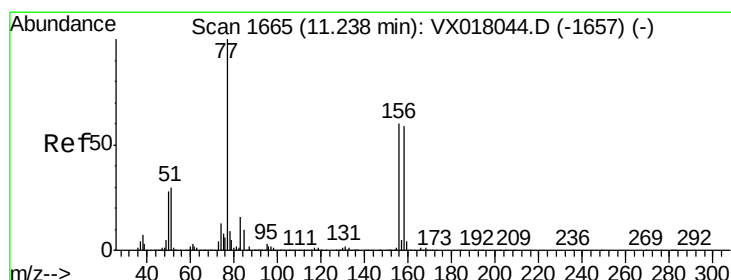
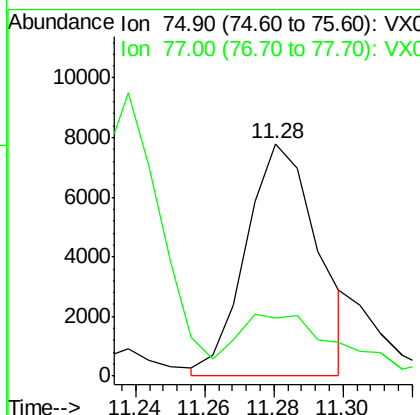
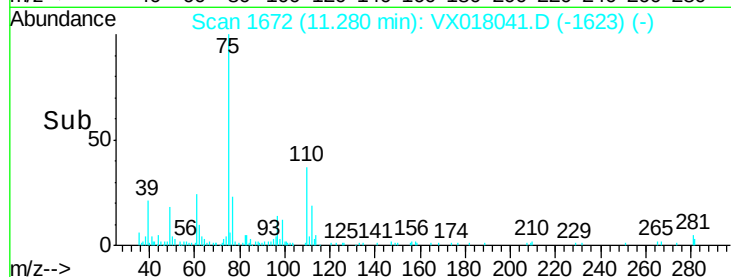
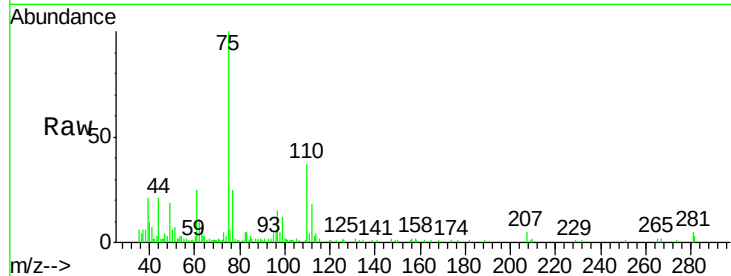
#76
1,2,3-Trichloropropane
Concen: 1.087 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 75 Resp: 11249
Ion Ratio Lower Upper
75 100
77 35.9 20.8 62.2

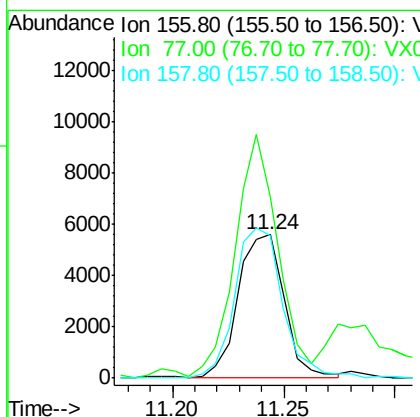
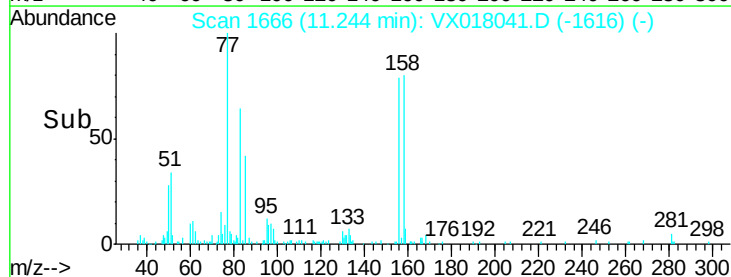
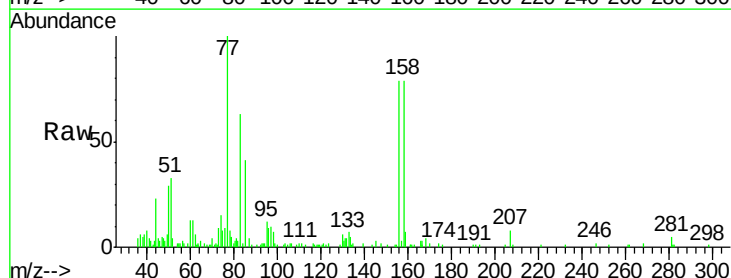
Manual Integrations
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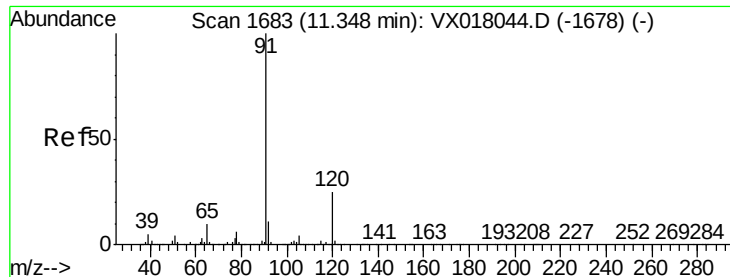
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#77
Bromobenzene
Concen: 0.945 ug/l
RT: 11.24 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion: 156 Resp: 8122
Ion Ratio Lower Upper
156 100
77 154.9 80.0 240.2
158 109.2 49.5 148.7





#78

n-propylbenzene

Concen: 0.754 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 28956

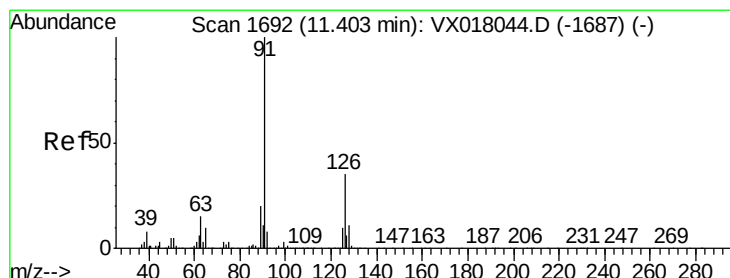
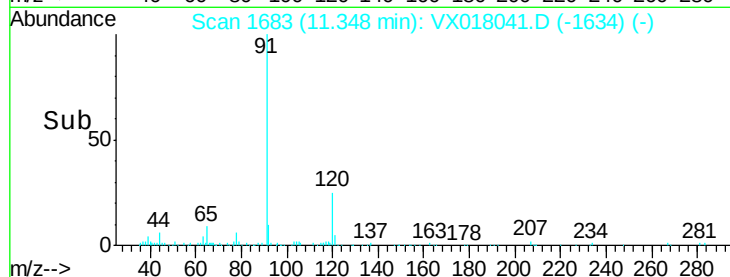
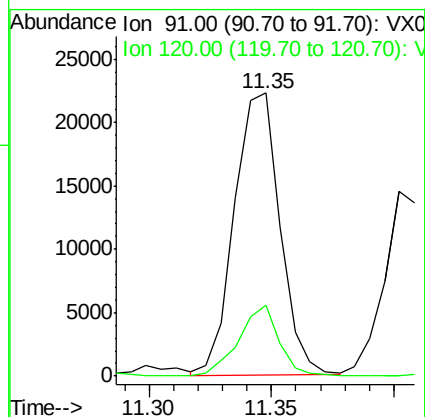
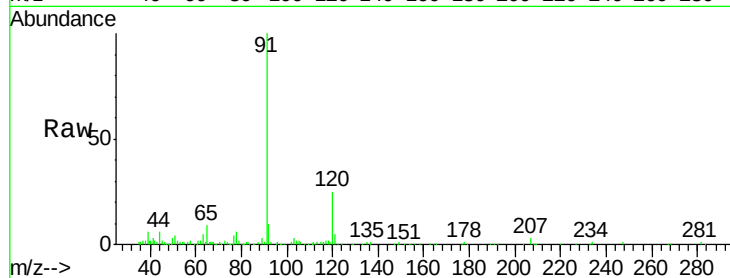
Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.9

Manual Integrations
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#79

2-Chlorotoluene

Concen: 0.816 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018041.D

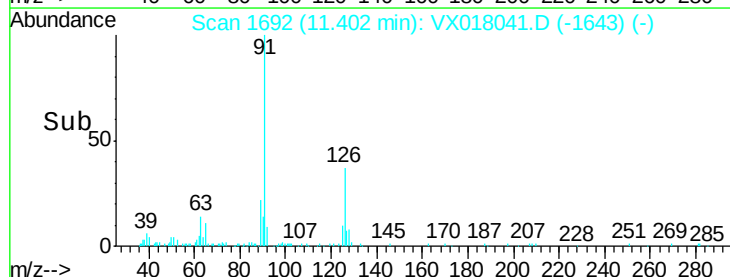
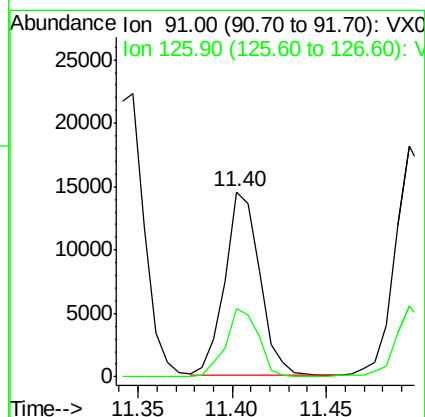
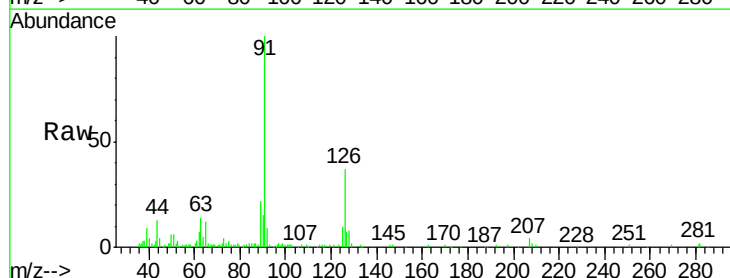
Acq: 20 Aug 2020 18:36

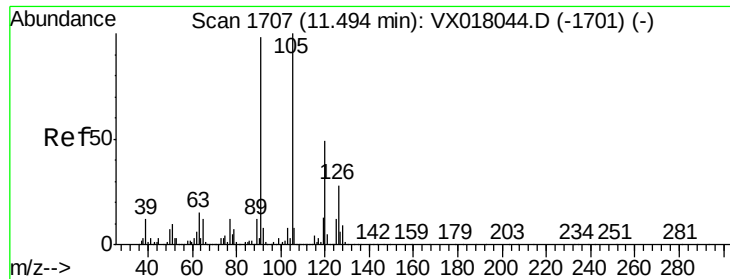
Tgt Ion: 91 Resp: 18641

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2





#80

1,3,5-Trimethylbenzene

Concen: 0.693 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 105 Resp: 19352

Ion Ratio Lower Upper

105 100

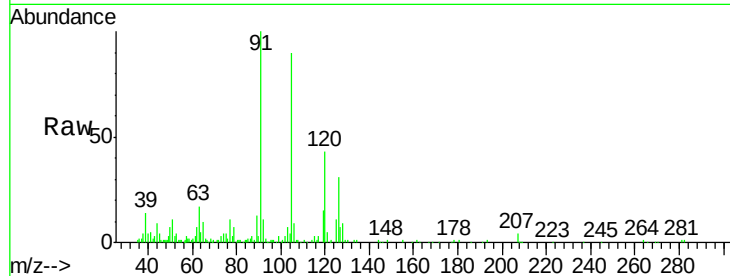
120 50.7 24.1 72.2

Manual Integrations

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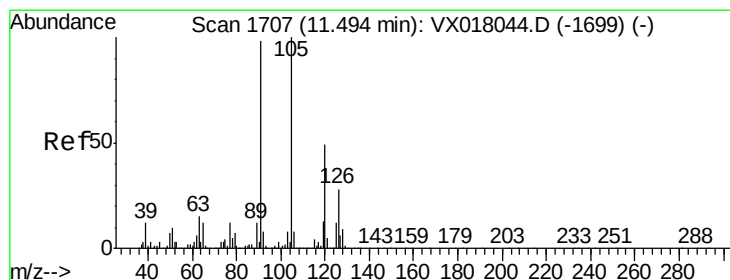
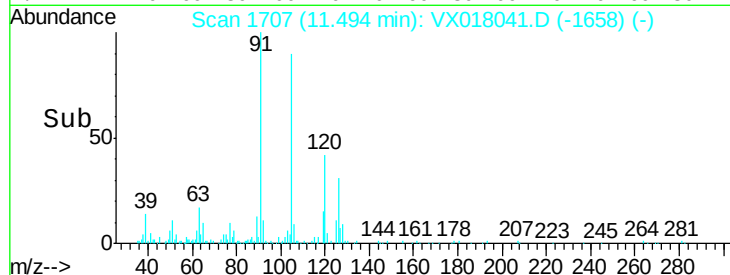
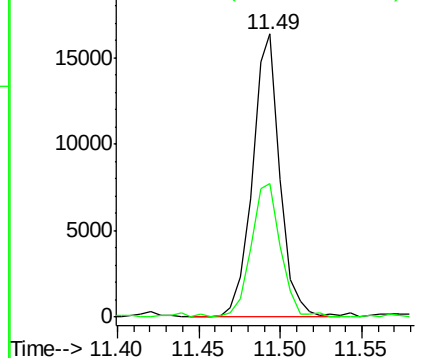
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: 0.851 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018041.D

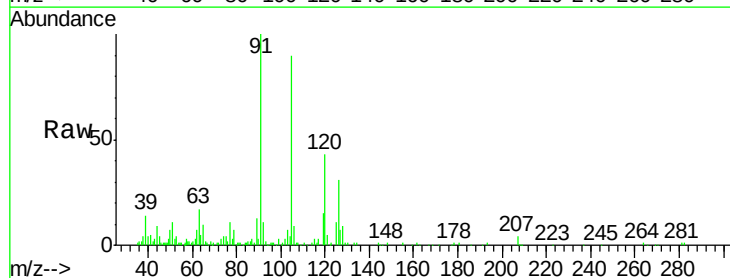
Acq: 20 Aug 2020 18:36

Tgt Ion: 91 Resp: 22915

Ion Ratio Lower Upper

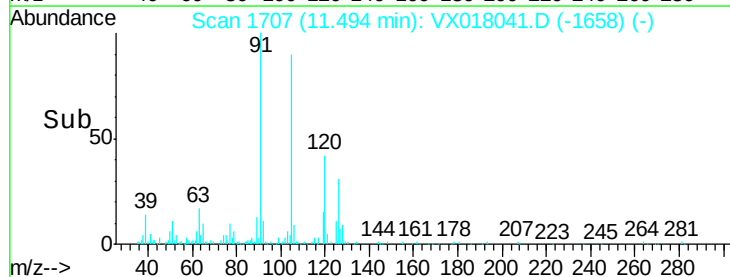
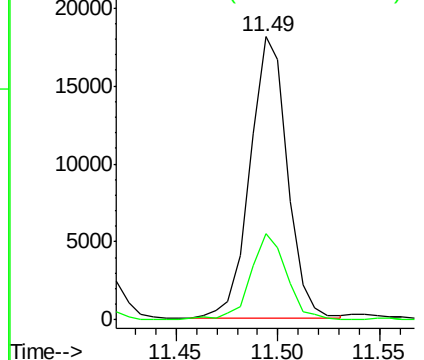
91 100

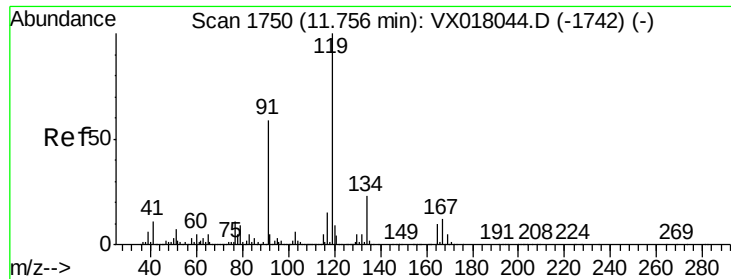
126 30.2 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





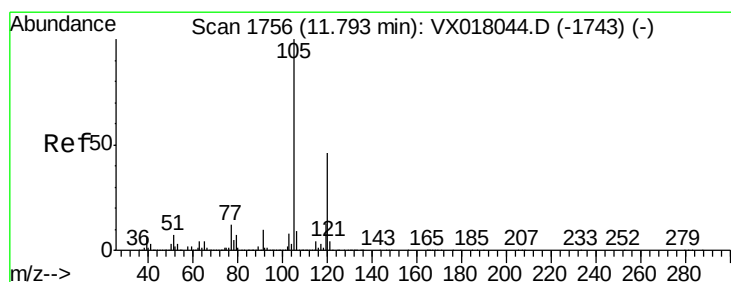
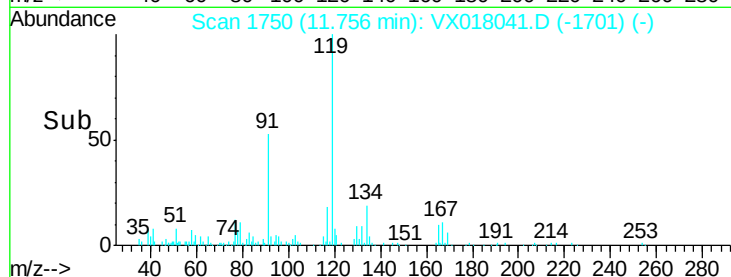
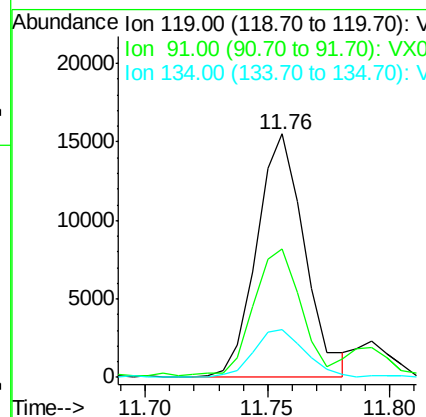
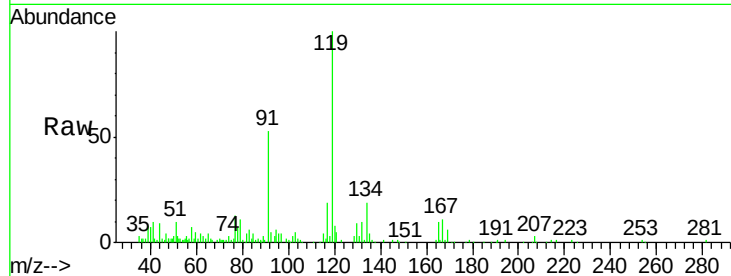
#83
tert-Butylbenzene
Concen: 0.868 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	21305		
91	51.1	28.2	84.7	
134	21.0	11.3	33.8	

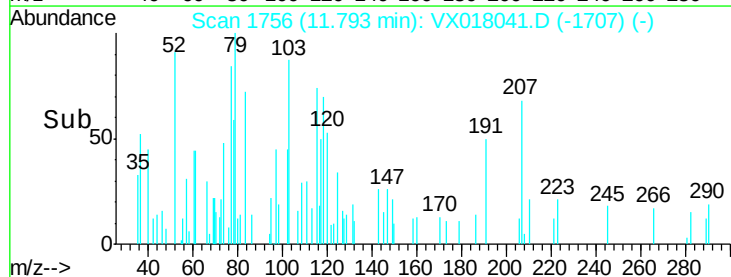
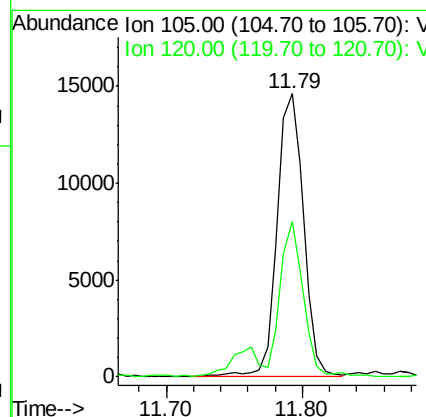
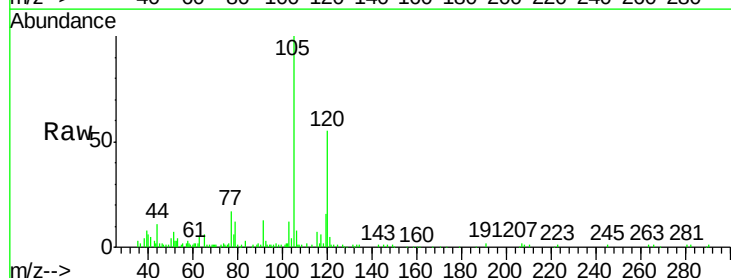
Manual Integrations
APPROVED

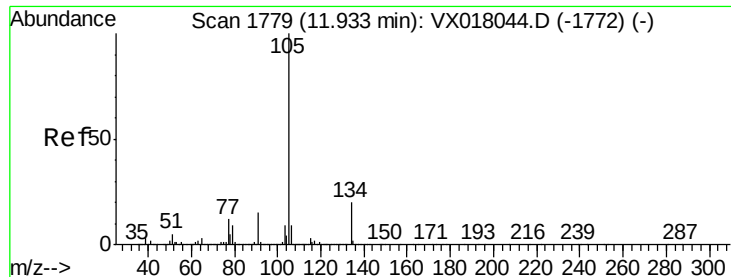
MMDadoda
8/21/2020 11:23:03 AM



#84
1,2,4-Trimethylbenzene
Concen: 0.705 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	19922		
120	47.6	22.3	66.9	





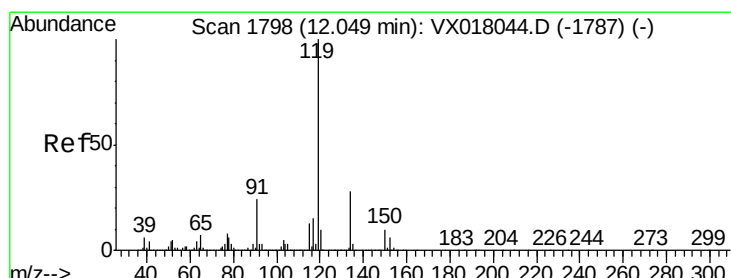
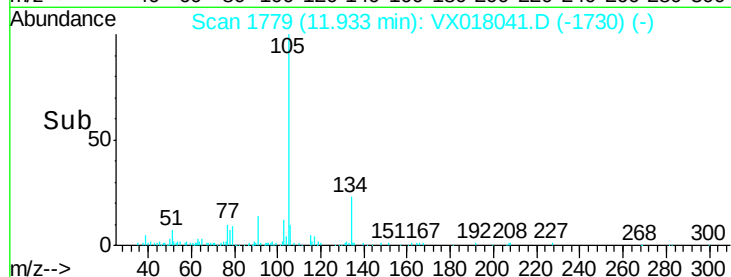
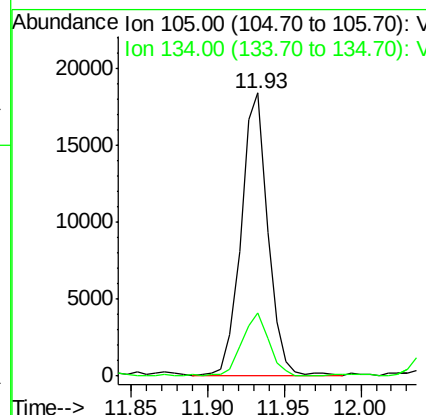
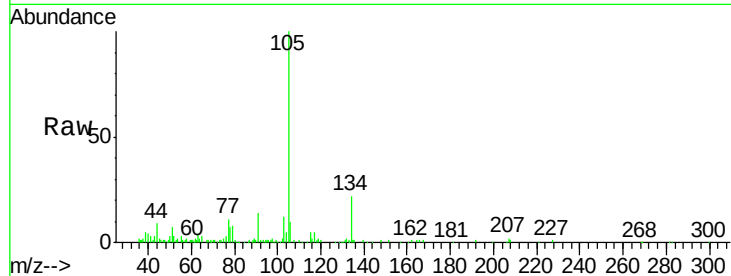
#85
 sec-Butylbenzene
 Concen: 0.694 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	22.5	10.1	30.3

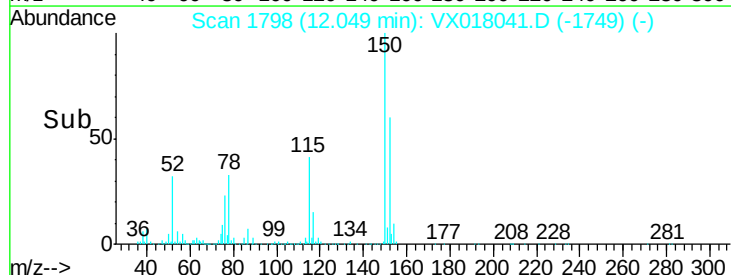
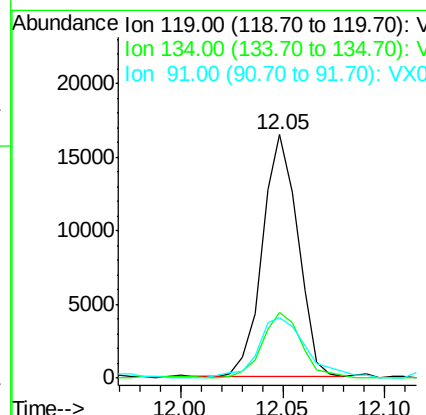
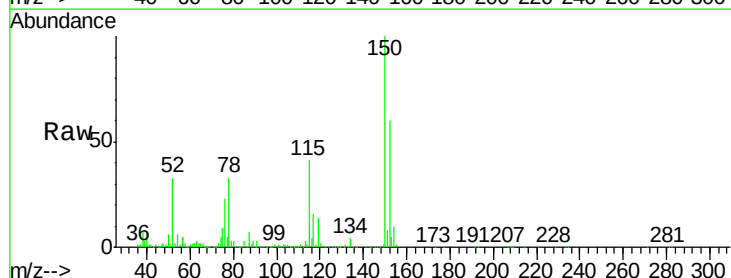
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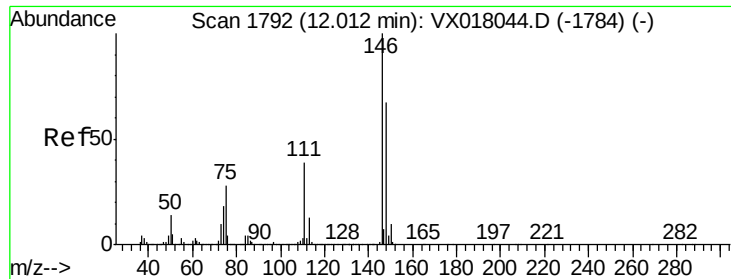
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#86
 p-Isopropyltoluene
 Concen: 0.670 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.7	13.2	39.5
91	34.4	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 0.932 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

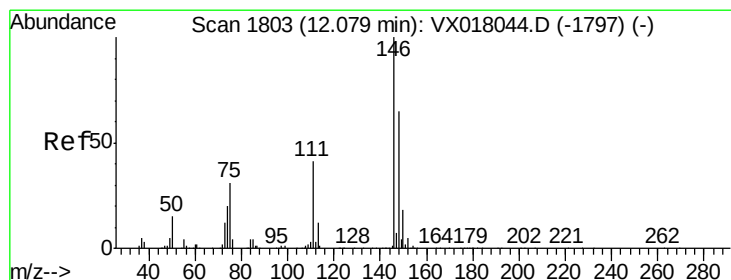
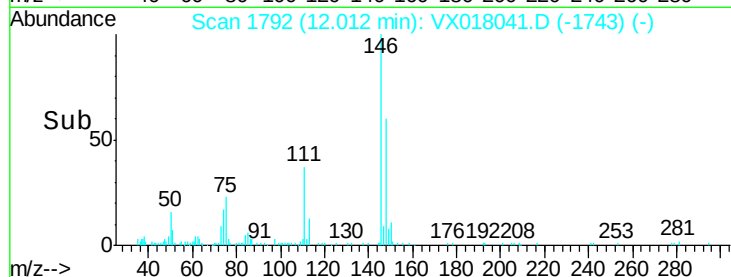
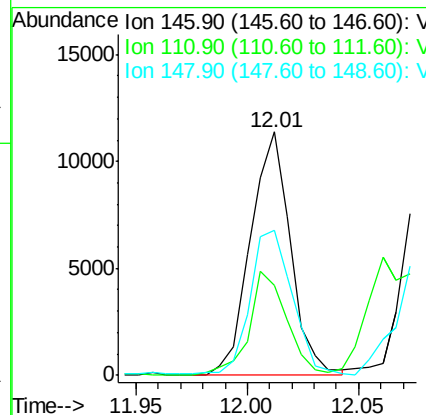
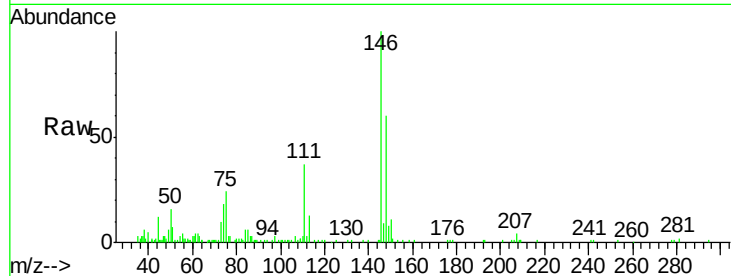
ClientSampled :

VSTDIC001

Tot Ion:	146	Resp:	14328
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.6	61.8
148	63.2	33.1	99.2

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#88

1,4-Dichlorobenzene

Concen: 0.977 ug/l m

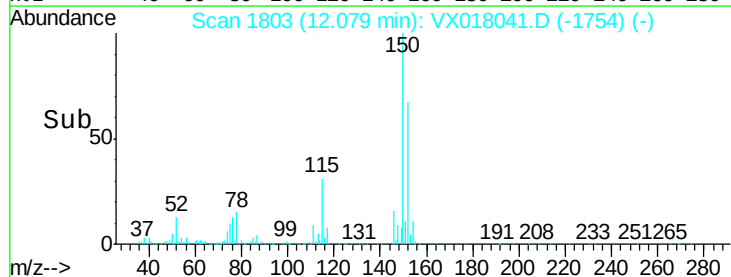
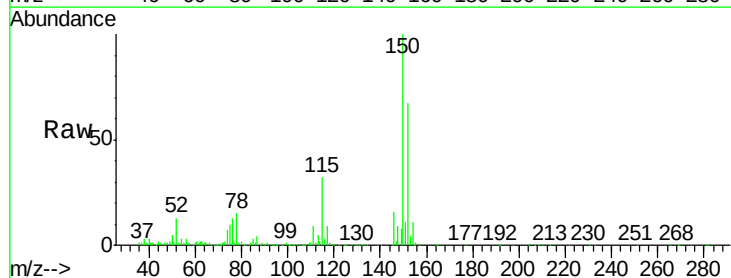
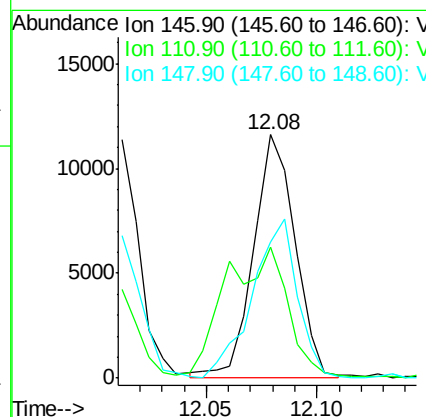
RT: 12.08 min Scan# 1803

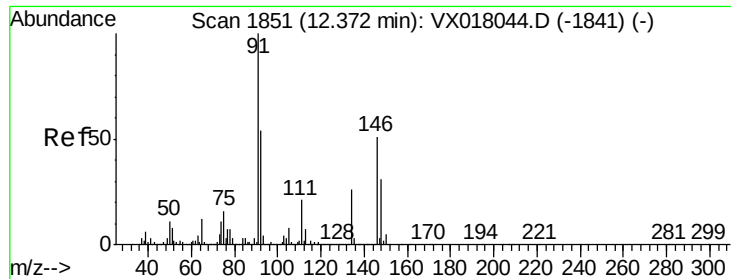
Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion:	146	Resp:	15239
Ion Ratio	Lower	Upper	
146	100		
111	38.2	20.3	60.8
148	59.5	33.1	99.2





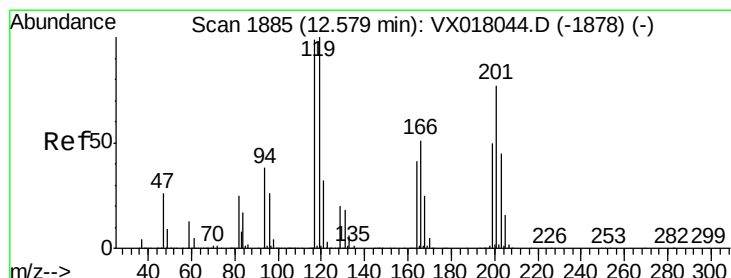
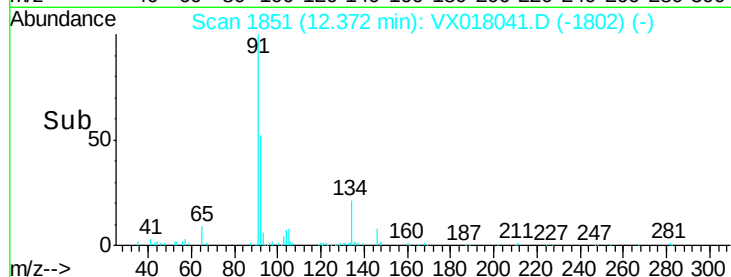
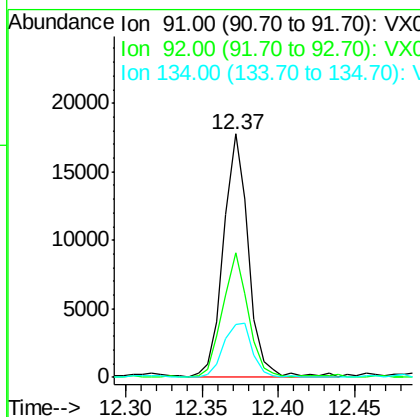
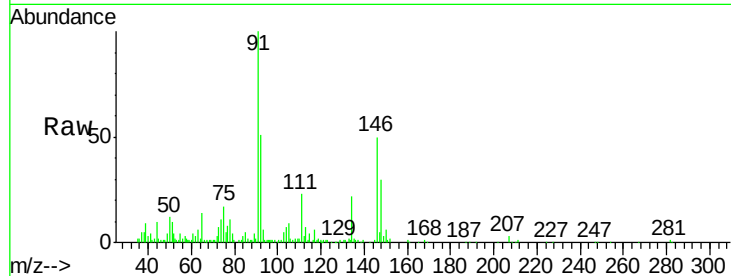
#89
n-Butylbenzene
Concen: 0.736 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.2
134	26.0	12.9	38.7

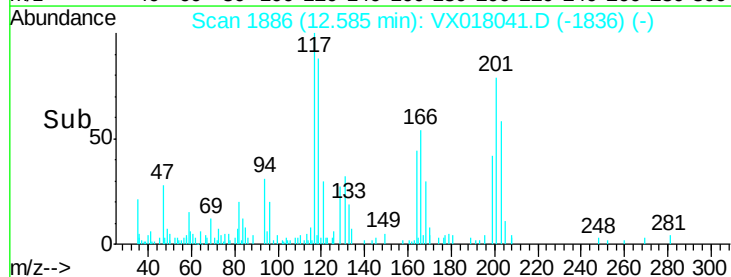
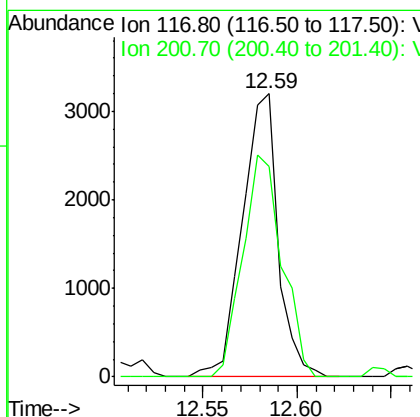
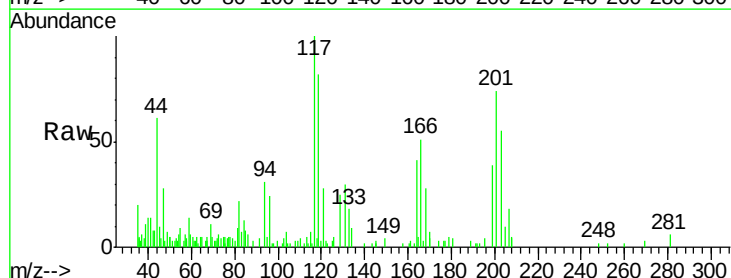
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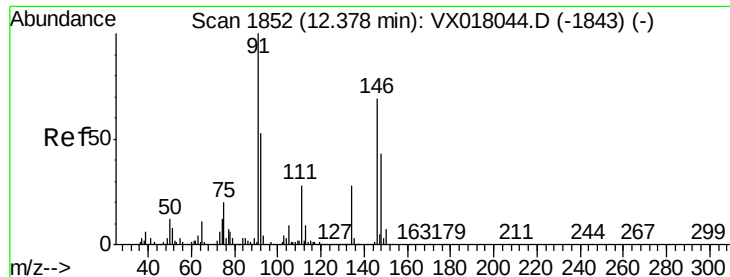
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#90
Hexachloroethane
Concen: 0.807 ug/l
RT: 12.59 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX018041.D
Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.2	38.5	115.3





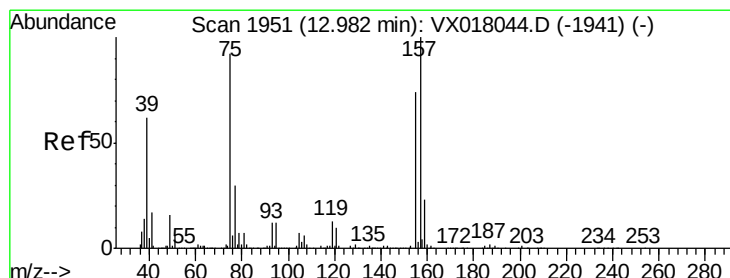
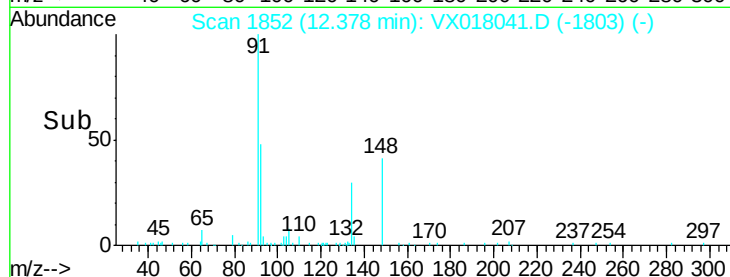
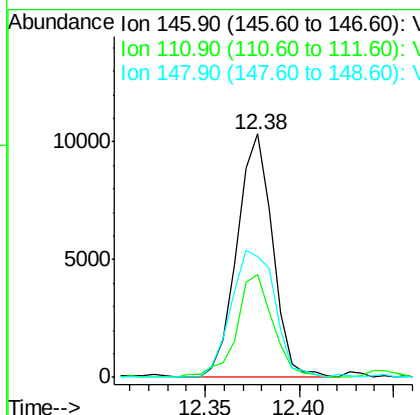
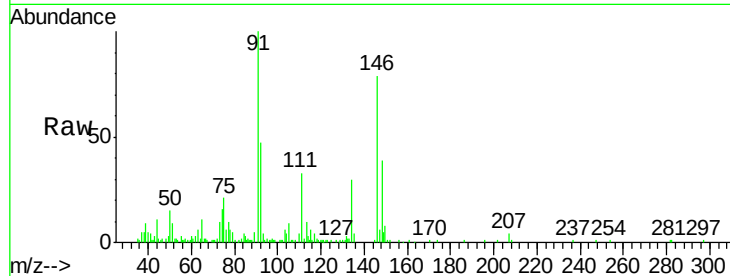
#91
 1,2-Dichlorobenzene
 Concen: 0.912 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.8	62.5
148	64.3	31.6	95.0

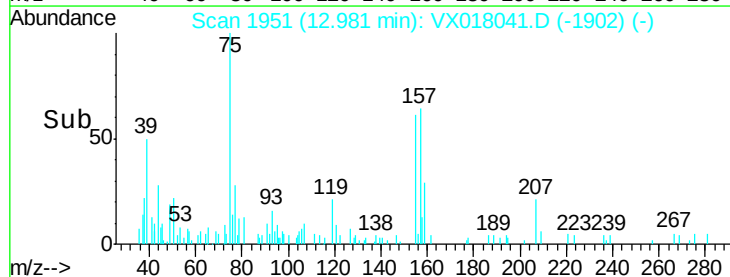
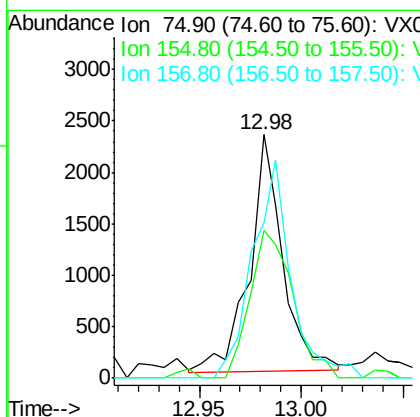
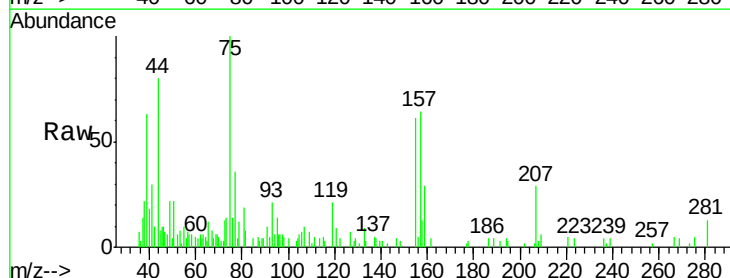
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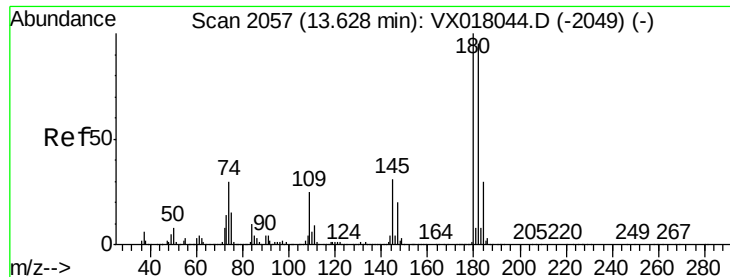
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.960 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	40.2	120.6
157	106.3	55.0	165.2





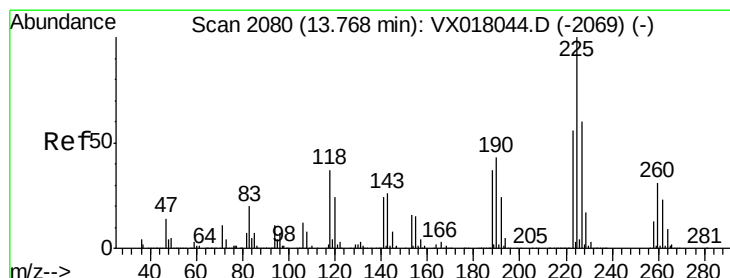
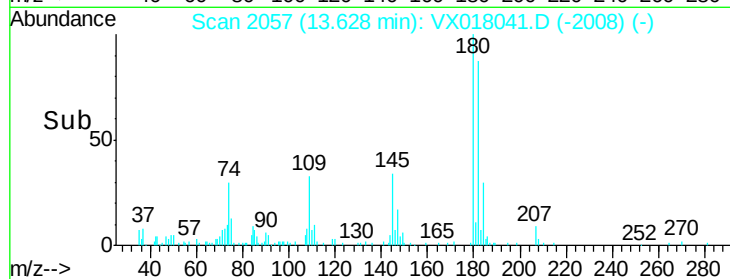
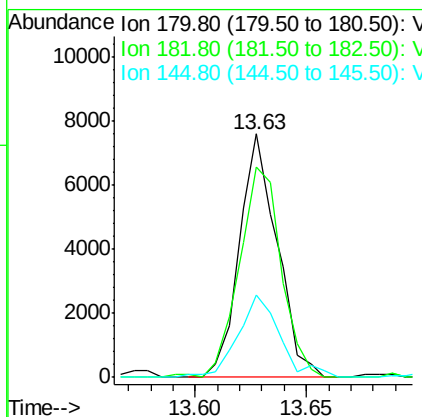
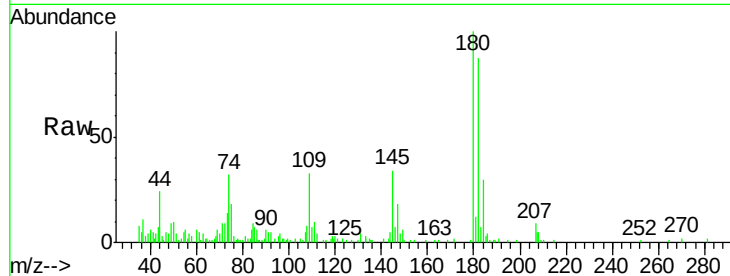
#93
 1,2,4-Trichlorobenzene
 Concen: 0.827 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100	8968		
182	96.3		47.5	142.6
145	37.5		15.7	47.1

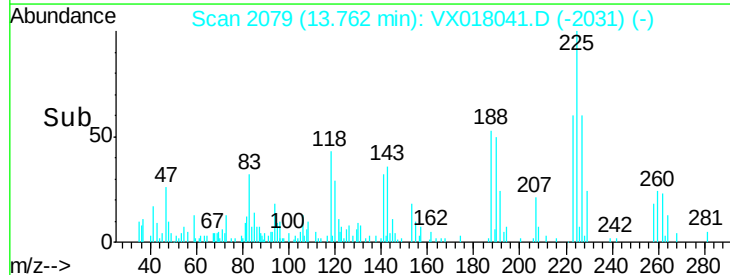
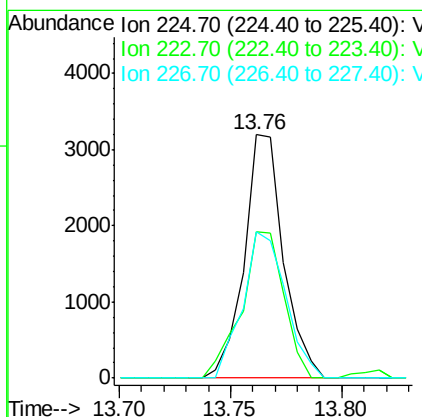
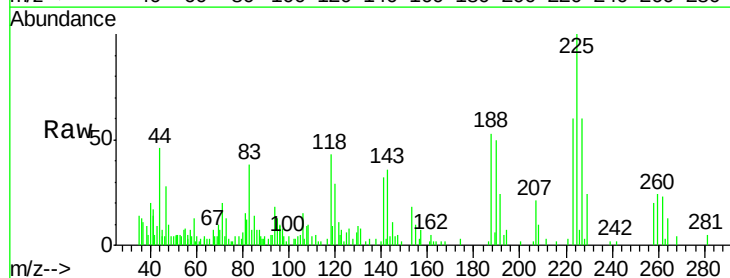
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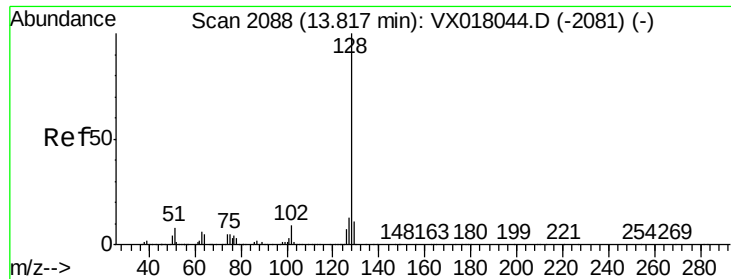
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#94
 Hexachlorobutadiene
 Concen: 0.803 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018041.D
 Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	3938		
223	64.7		30.7	92.1
227	65.6		32.6	97.8





#95

Naphthalene

Concen: 0.731 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Instrument :

MSVOA_X

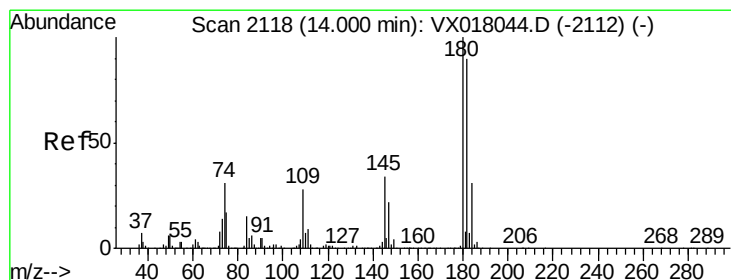
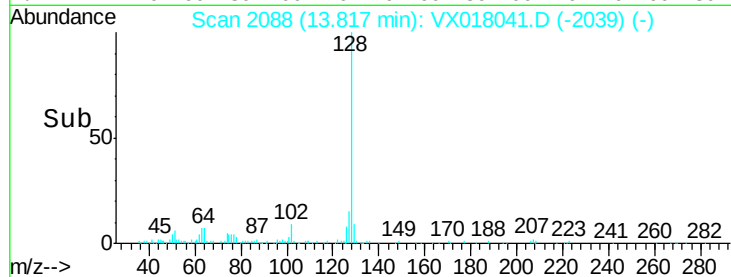
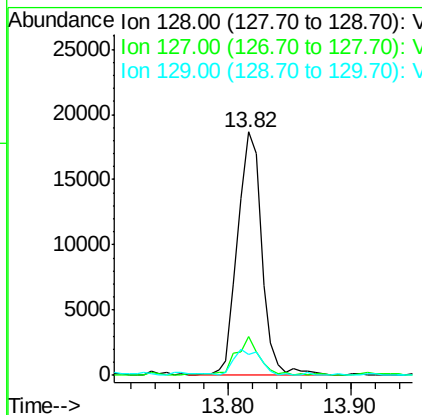
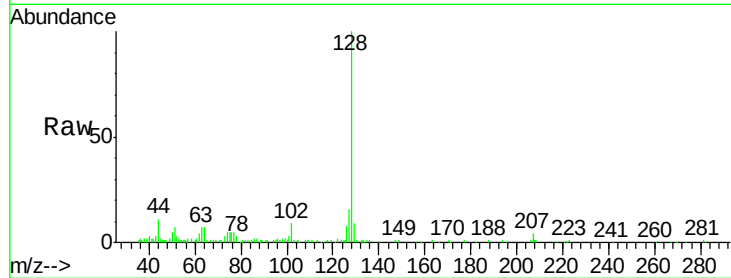
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.2	15.2#
129	11.8	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 0.840 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018041.D

Acq: 20 Aug 2020 18:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.5	47.3	142.0
145	37.0	17.5	52.6

