

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052119\
 Data File : VX009765.D
 Acq On : 21 May 2019 22:01
 Operator : JC/SP
 Sample : K2973-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 10:39:51 AM

Quant Time: May 22 08:26:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	165883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	98113	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
35) Dibromofluoromethane	5.50	113	72398	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
50) Toluene-d8	8.71	98	280808	41.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.56%	
62) 4-Bromofluorobenzene	11.13	95	107087	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67942	44.446	ug/l	98
3) Chloromethane	1.32	50	106591	51.074	ug/l	99
4) Vinyl Chloride	1.41	62	110926	54.507	ug/l	100
5) Bromomethane	1.64	94	60007	49.127	ug/l	97
6) Chloroethane	1.71	64	67790	51.883	ug/l	100
7) Trichlorofluoromethane	1.92	101	120146	48.569	ug/l	98
8) Diethyl Ether	2.19	74	55231	47.135	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71165	45.812	ug/l	99
10) Methyl Iodide	2.51	142	87370	48.553	ug/l	99
11) Tert butyl alcohol	3.06	59	127313	242.882	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73814	47.424	ug/l	96
13) Acrolein	2.29	56	98257	206.983	ug/l	100
14) Allyl chloride	2.73	41	180832	47.674	ug/l	99
15) Acrylonitrile	3.14	53	314955	245.742	ug/l	100
16) Acetone	2.45	43	275916	226.914	ug/l	97
17) Carbon Disulfide	2.57	76	228214	52.224	ug/l	99
18) Methyl Acetate	2.78	43	118196	40.873	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	291229	48.184	ug/l	99
20) Methylene Chloride	2.85	84	91390	46.419	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	82977	49.157	ug/l	98
22) Diisopropyl ether	3.85	45	356644	48.892	ug/l	99
23) Vinyl Acetate	3.82	43	1425212	228.164	ug/l	100
24) 1,1-Dichloroethane	3.70	63	172141	47.837	ug/l	99
25) 2-Butanone	4.67	43	470410	248.954	ug/l	98
26) 2,2-Dichloropropane	4.58	77	105077	39.230	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	138140	68.563	ug/l	96
28) Bromochloromethane	5.01	49	85057	59.223	ug/l	98
29) Tetrahydrofuran	5.13	42	312043	256.632	ug/l	98
30) Chloroform	5.21	83	156813	48.182	ug/l	100
31) Cyclohexane	5.58	56	165831	49.532	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	130193	48.054	ug/l	99
36) 1,1-Dichloropropene	5.80	75	121094	48.618	ug/l	99
37) Ethyl Acetate	4.83	43	159892	46.074	ug/l	98
38) Carbon Tetrachloride	5.78	117	109768	48.506	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	145937	47.710	ug/l	98
40) Benzene	6.14	78	375125	48.665	ug/l	98
41) Methacrylonitrile	5.04	41	100941	48.864	ug/l	98
42) 1,2-Dichloroethane	6.19	62	136683	49.431	ug/l	98
43) Isopropyl Acetate	6.45	43	261021	47.023	ug/l	99
44) Trichloroethene	7.21	130	86074	46.189	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106258	48.682	ug/l	99
46) Dibromomethane	7.66	93	60391	47.646	ug/l	99
47) Bromodichloromethane	7.90	83	123376	48.797	ug/l	99
48) Methyl methacrylate	7.77	41	143031	51.937	ug/l	98
49) 1,4-Dioxane	7.74	88	49218	881.255	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	945555	260.612	ug/l	98
52) Toluene	8.78	92	229376	48.952	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139640	48.919	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	152038	48.120	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	91720	47.980	ug/l	97
56) Ethyl methacrylate	9.18	69	171588	50.284	ug/l	97
57) 1,3-Dichloropropane	9.37	76	162827	48.403	ug/l	99
59) 2-Hexanone	9.49	43	715700	251.162	ug/l	98
60) Dibromochloromethane	9.58	129	92810	49.709	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95297	49.385	ug/l	99
64) Tetrachloroethene	9.34	164	74098	43.740	ug/l	98
65) Chlorobenzene	10.14	112	239049	48.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	86274	48.169	ug/l	99
67) Ethyl Benzene	10.25	91	437090	48.073	ug/l	100
68) m/p-Xylenes	10.36	106	320512	96.466	ug/l	98
69) o-Xylene	10.69	106	155939	47.569	ug/l	99
70) Stvrene	10.71	104	273220	47.952	ug/l	98
71) Bromoform	10.85	173	72627	49.897	ug/l #	99
73) Isopropylbenzene	11.02	105	417628	48.714	ug/l	100
74) N-amyl acetate	10.90	43	223557	44.727	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	153721	48.099	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	134122m	49.044	ug/l	
77) Bromobenzene	11.26	156	103733	48.749	ug/l	99
78) n-propylbenzene	11.36	91	481960	49.225	ug/l	100
79) 2-Chlorotoluene	11.42	91	287108	47.530	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	353410	48.958	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49822	46.614	ug/l	97
82) 4-Chlorotoluene	11.51	91	331688	48.606	ug/l	99
83) tert-Butylbenzene	11.77	119	343505	48.917	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	352892	48.704	ug/l	100
85) sec-Butylbenzene	11.94	105	400153	48.064	ug/l	100
86) p-Isopropyltoluene	12.06	119	363564	48.576	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	181469	47.839	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	180882	47.297	ug/l	99
89) n-Butylbenzene	12.38	91	329606	48.724	ug/l	99
90) Hexachloroethane	12.60	117	63386	49.711	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	180759	46.784	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34321	47.872	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	125663	47.562	ug/l	99

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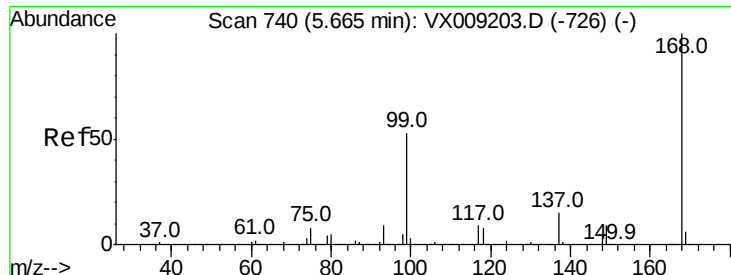
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	64063	47.481	ug/l	99
95) Naphthalene	13.83	128	413277	48.078	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127819	47.725	ug/l	100

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



#1

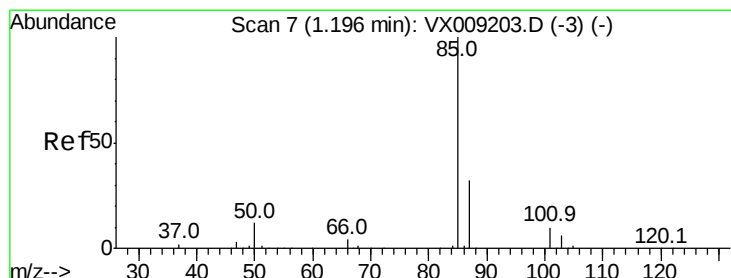
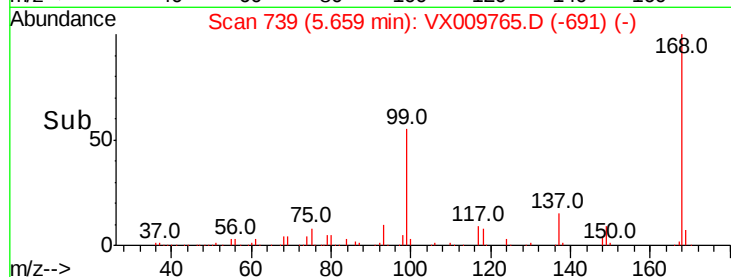
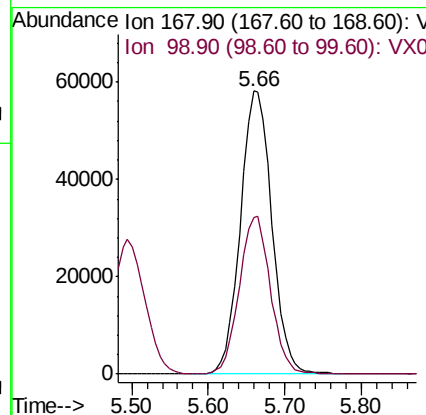
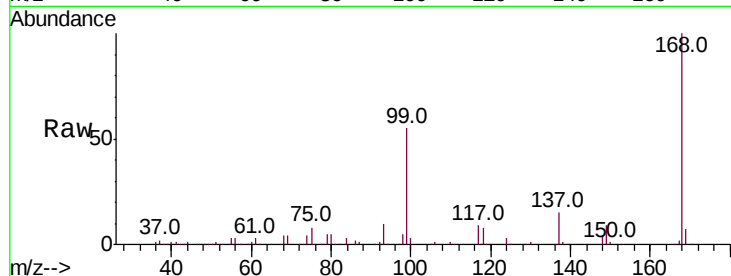
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	165883		
99	55.3	42.3	63.5	

Manual Integrations
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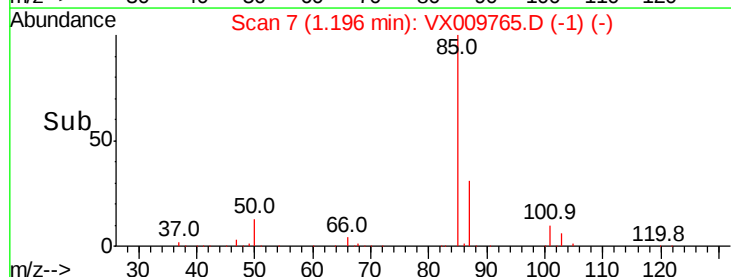
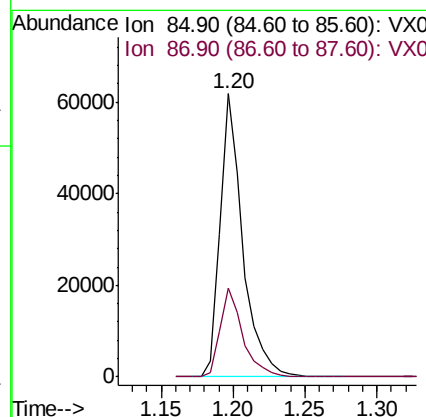
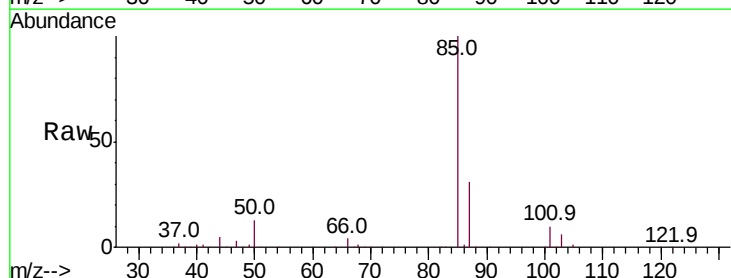
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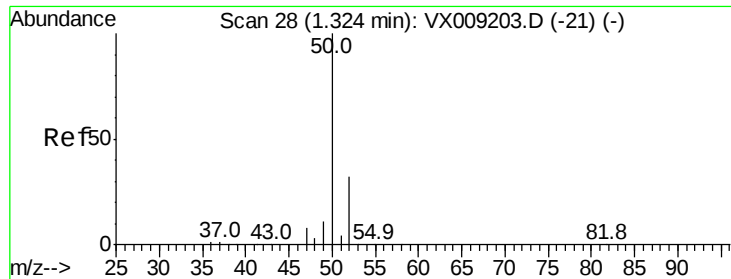


#2

Dichlorodifluoromethane
 Concen: 44.446 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	67942		
87	31.3	16.1	48.3	





#3

Chloromethane

Concen: 51.074 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

S36-0153MSD

Tot Ion: 50 Resp: 106591

Ion Ratio Lower Upper

50 100

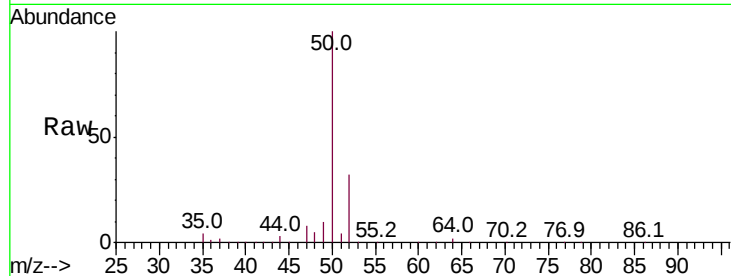
52 32.1 25.9 38.9

Manual Integrations

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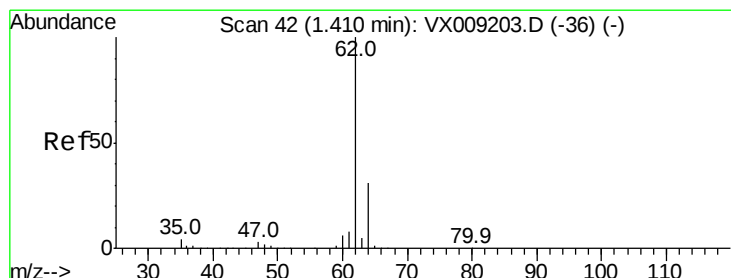
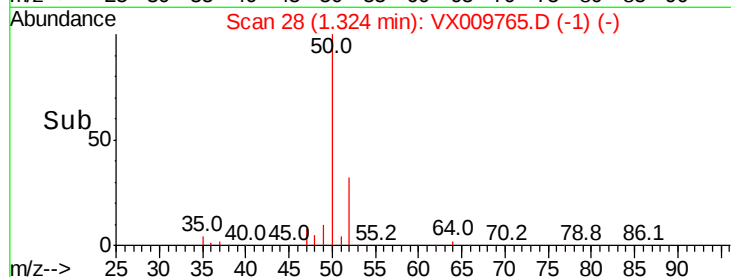
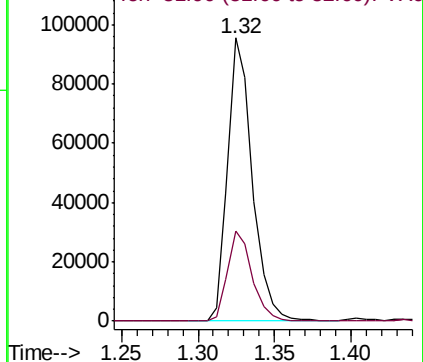
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.507 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009765.D

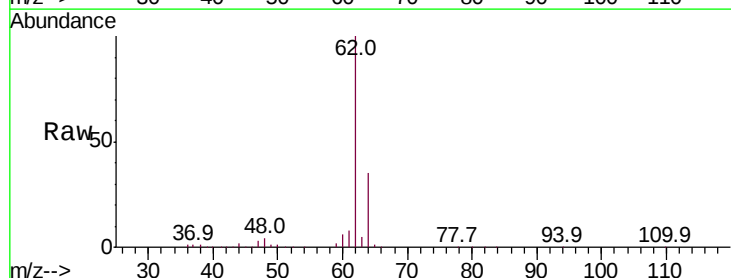
Acq: 21 May 2019 22:01

Tgt Ion: 62 Resp: 110926

Ion Ratio Lower Upper

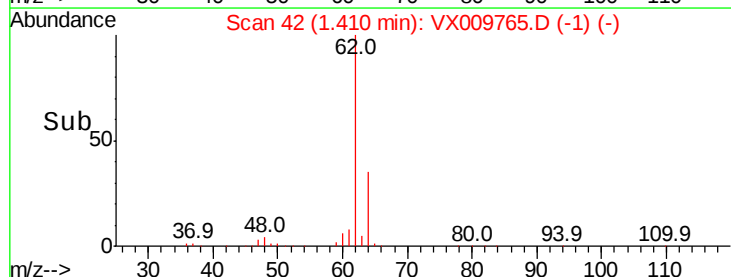
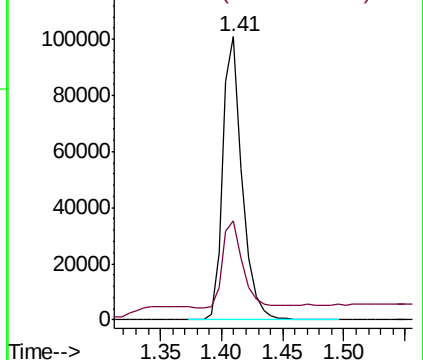
62 100

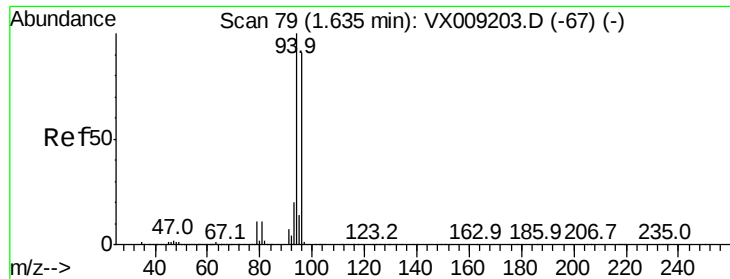
64 30.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.127 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion: 94 Resp: 60007

Ion Ratio Lower Upper

94 100

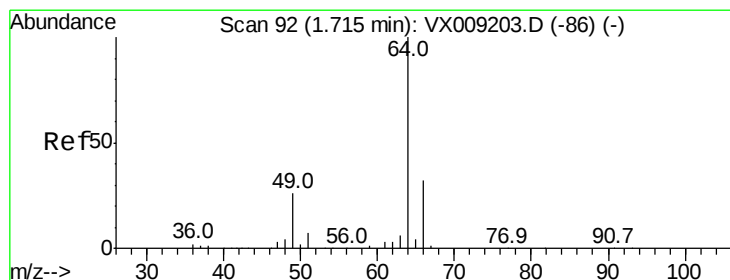
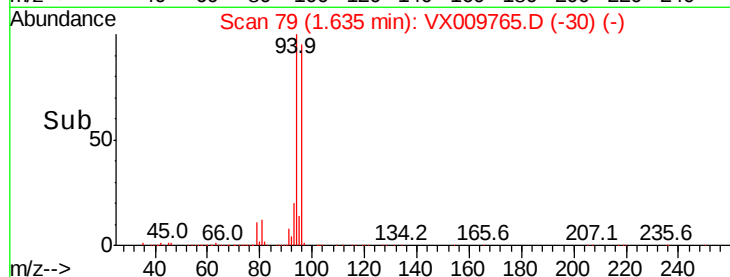
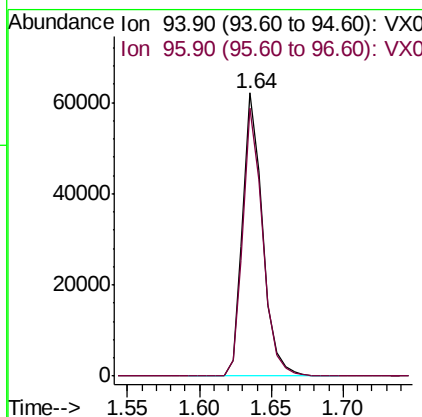
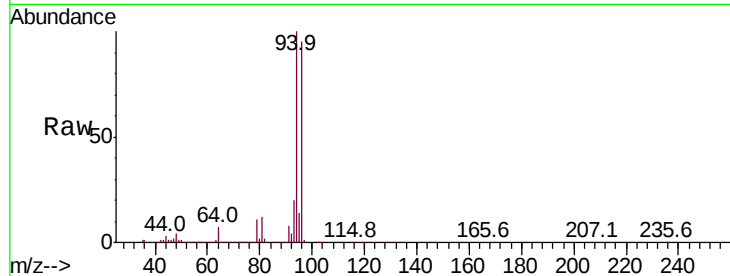
96 94.6 73.0 109.6

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5/22/2019 10:39:51 AM



#6

Chloroethane

Concen: 51.883 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009765.D

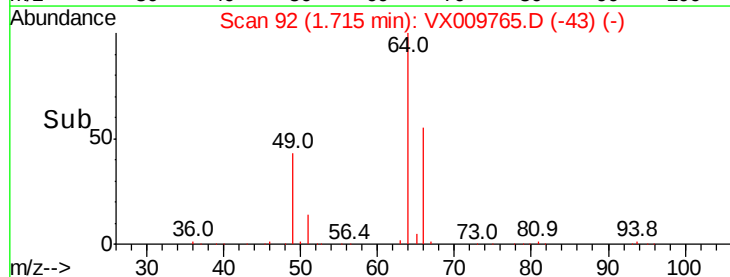
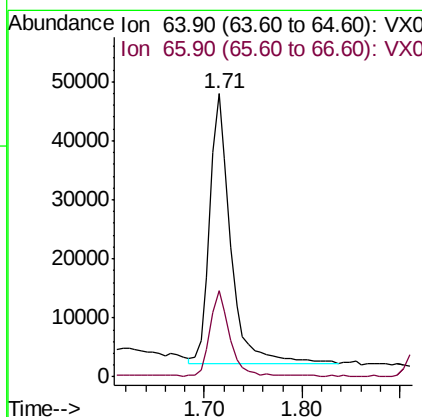
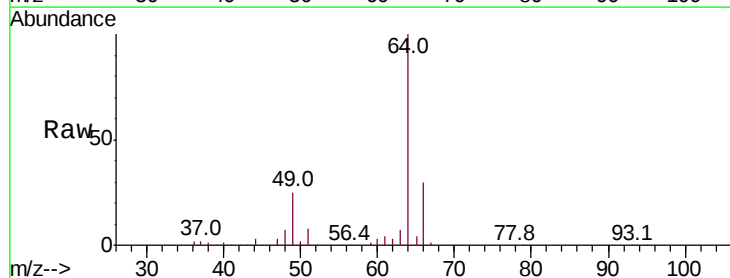
Acq: 21 May 2019 22:01

Tgt Ion: 64 Resp: 67790

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9





#7

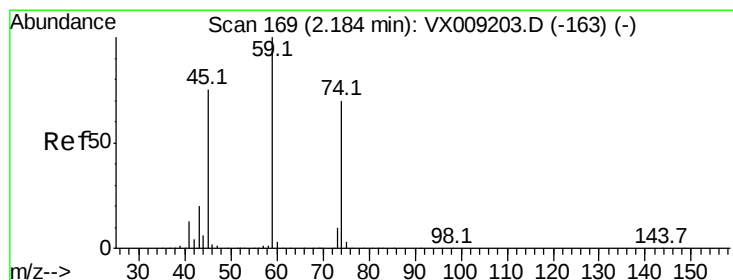
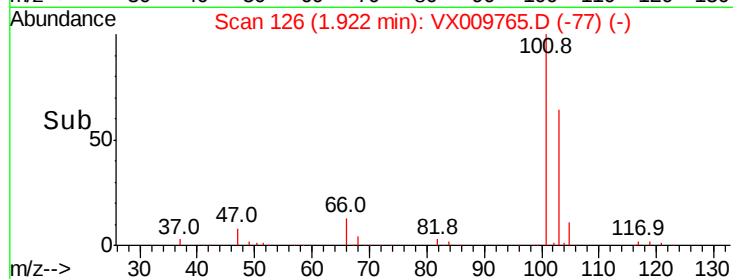
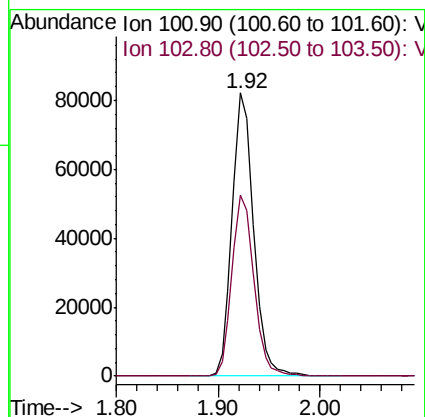
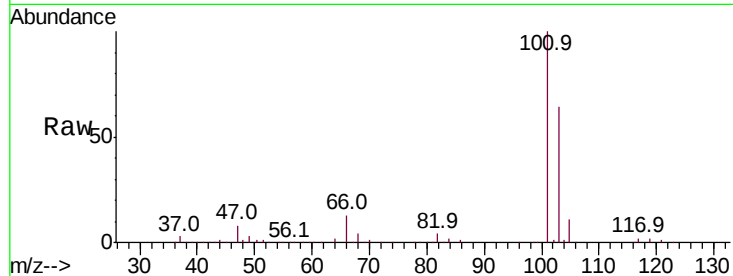
Trichlorofluoromethane
Concen: 48.569 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion:101 Resp: 120146
Ion Ratio Lower Upper
101 100
103 64.0 52.4 78.6

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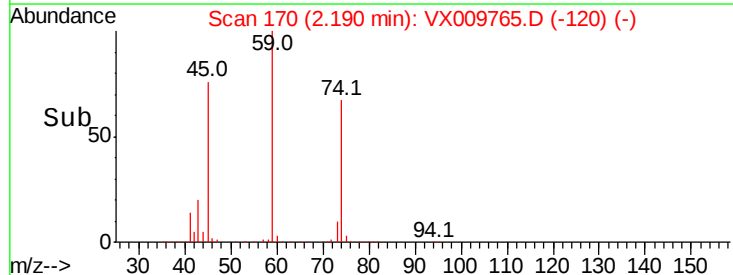
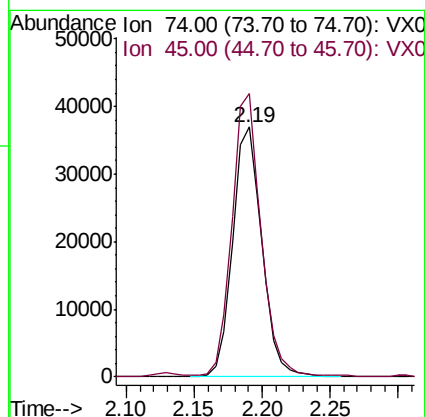
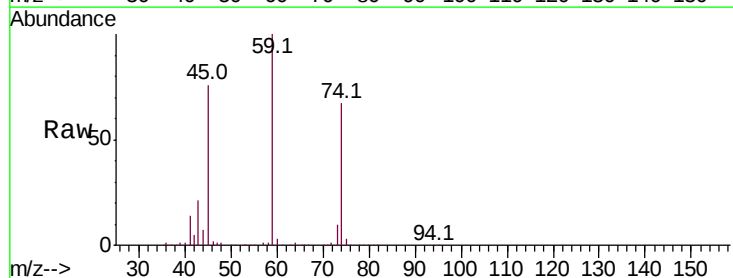
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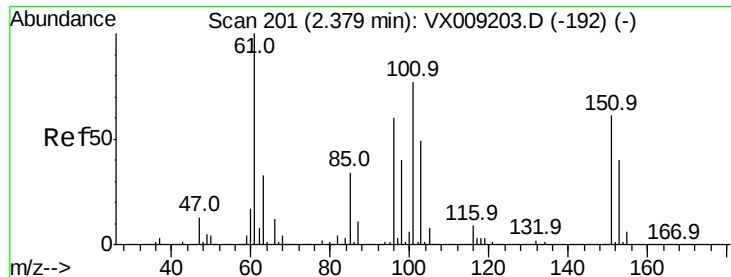


#8

Diethyl Ether
Concen: 47.135 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 74 Resp: 55231
Ion Ratio Lower Upper
74 100
45 112.7 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.812 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion:101 Resp: 71165

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

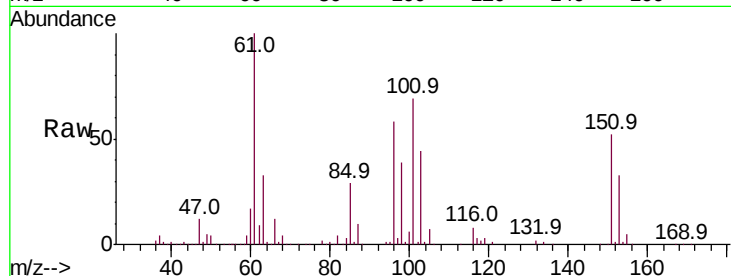
151 78.7 62.2 93.2

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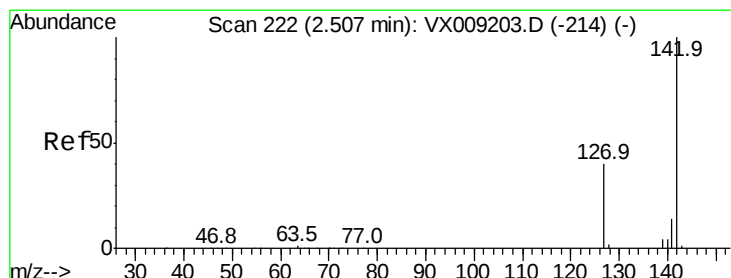
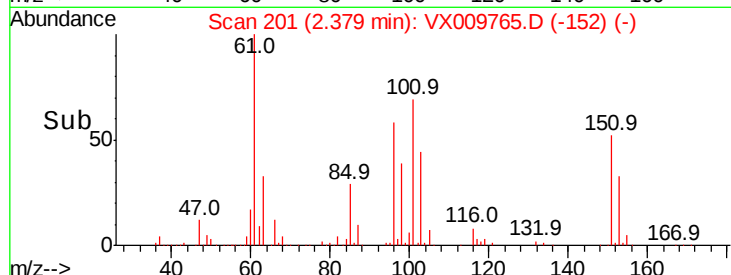
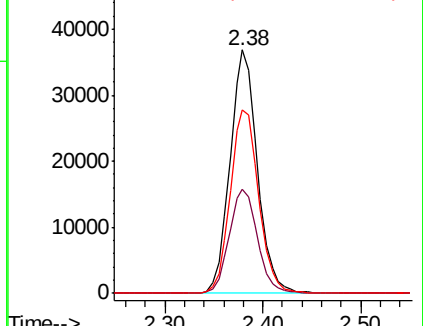
5/22/2019 10:39:51 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.553 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

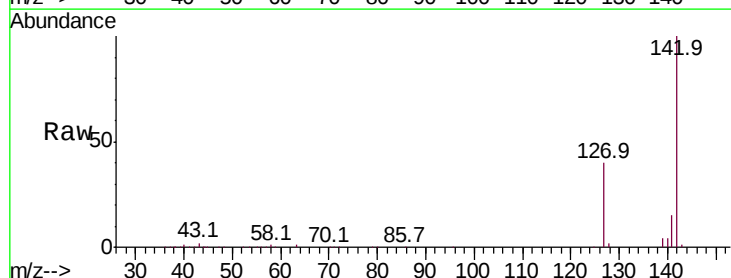
Tgt Ion:142 Resp: 87370

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

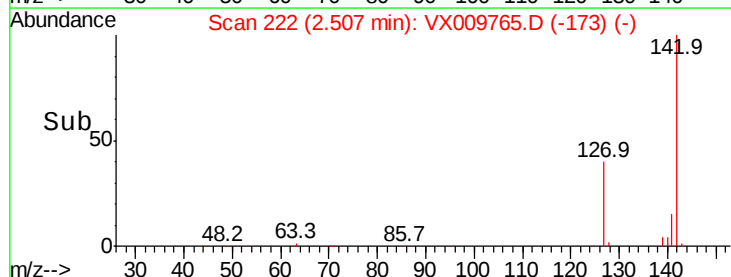
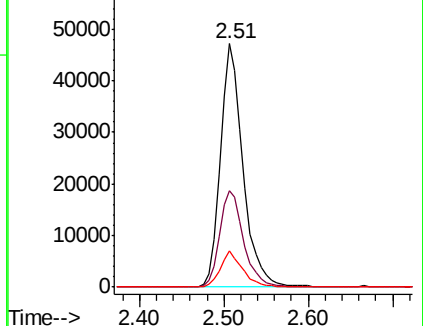
141 14.4 11.5 17.3

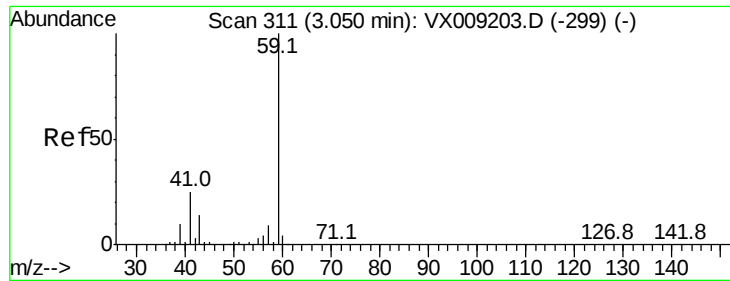


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 242.882 ug/l

RT: 3.06 min Scan# 312

Delta R.T. 0.01 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

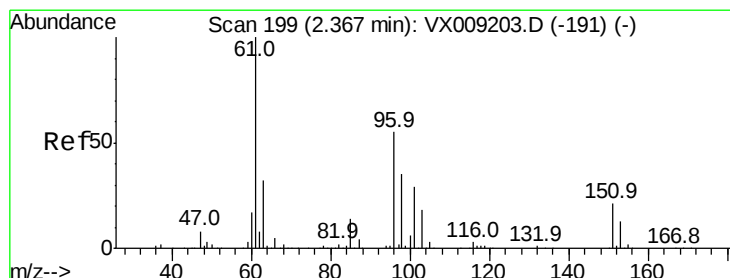
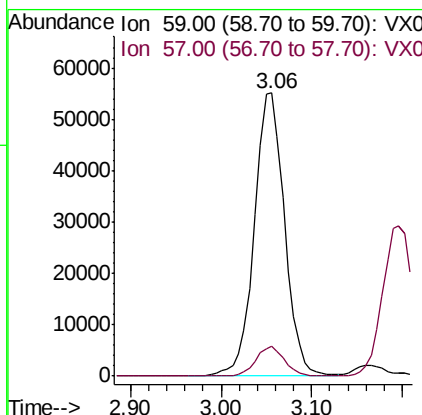
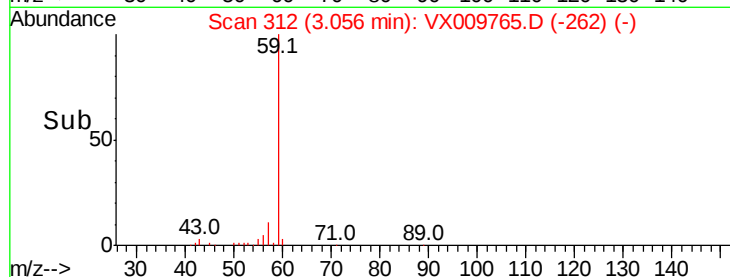
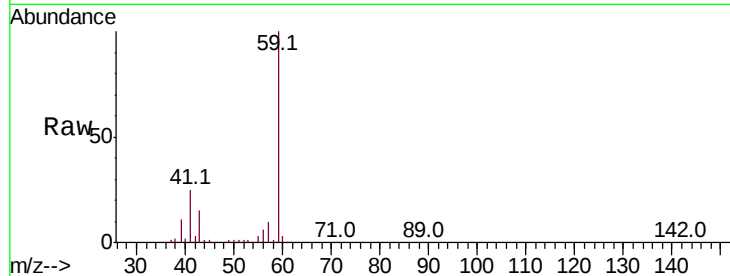
Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion: 59 Resp: 127313

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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#12

1,1-Dichloroethene

Concen: 47.424 ug/l

RT: 2.37 min Scan# 199

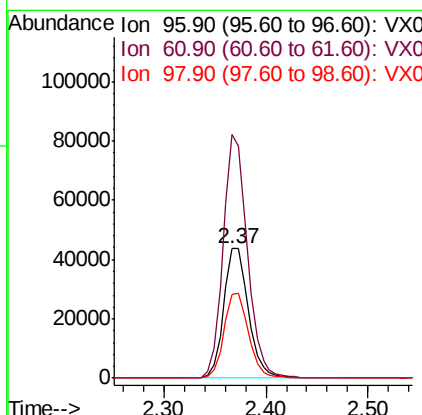
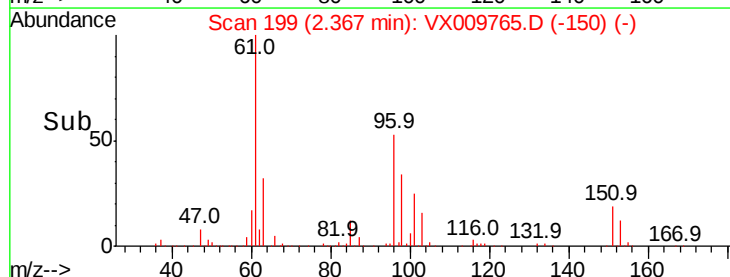
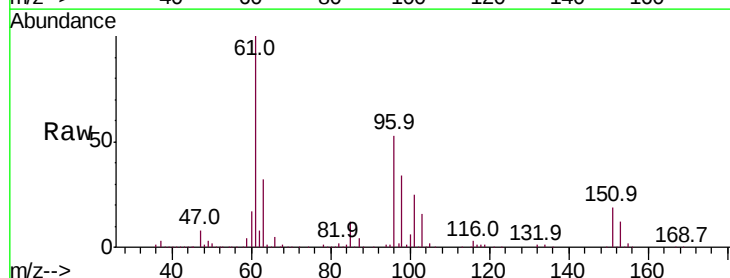
Delta R.T. -0.00 min

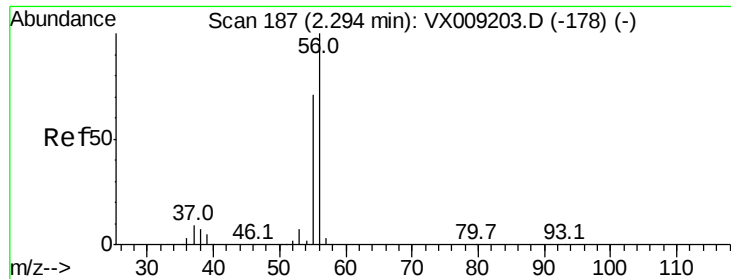
Lab File: VX009765.D

Acq: 21 May 2019 22:01

Tgt Ion: 96 Resp: 73814

Ion	Ratio	Lower	Upper
96	100		
61	188.0	144.3	216.5
98	64.1	50.3	75.5





#13

Acrolein

Concen: 206.983 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion: 56 Resp: 98257

Ion Ratio Lower Upper

56 100

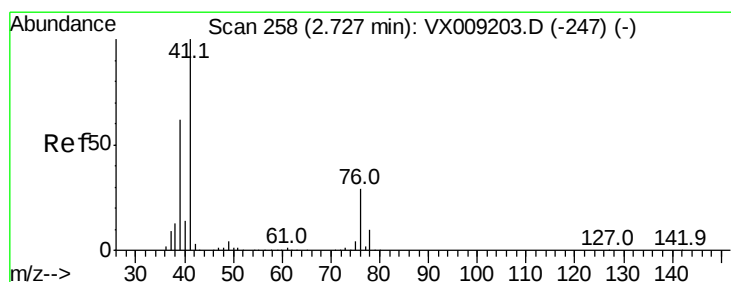
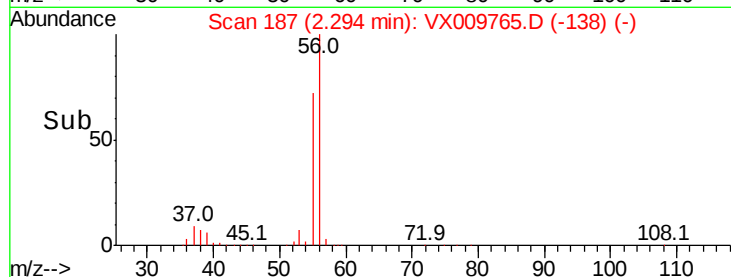
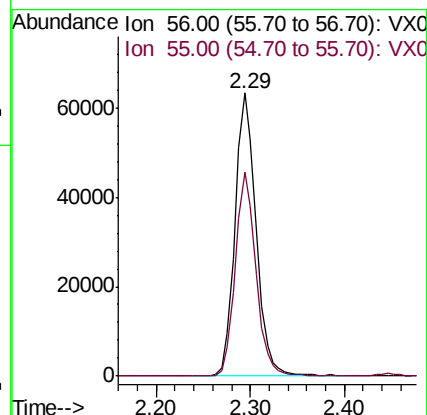
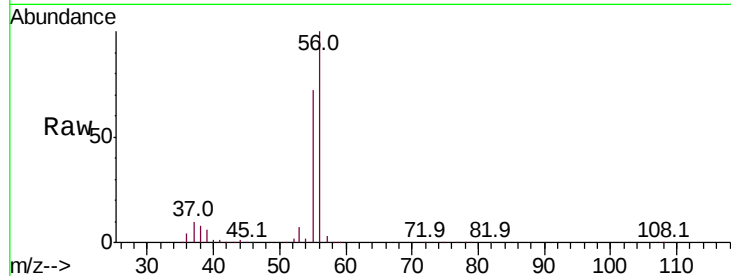
55 70.5 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 47.674 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

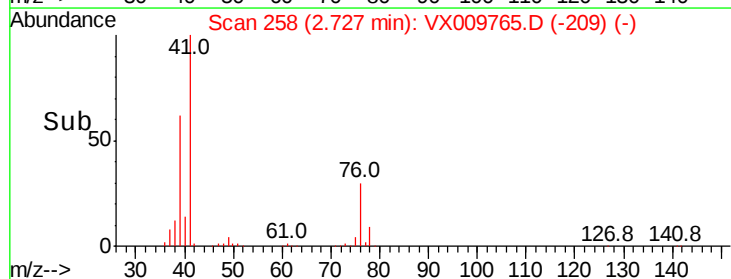
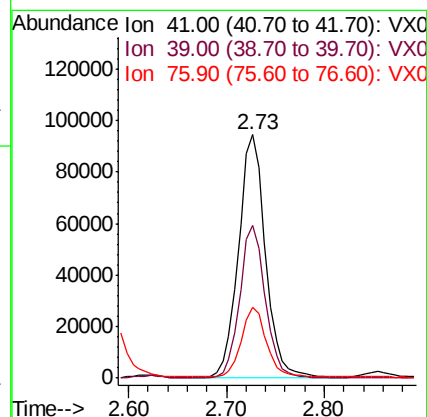
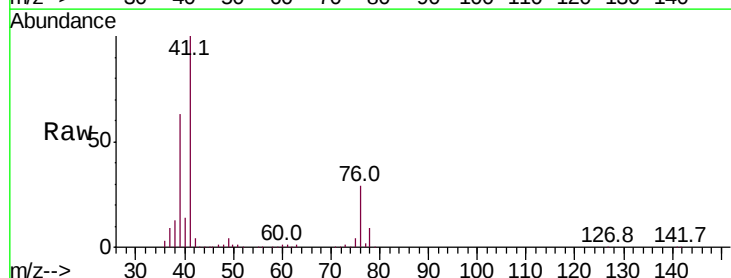
Tgt Ion: 41 Resp: 180832

Ion Ratio Lower Upper

41 100

39 59.4 46.7 70.1

76 27.1 21.8 32.8





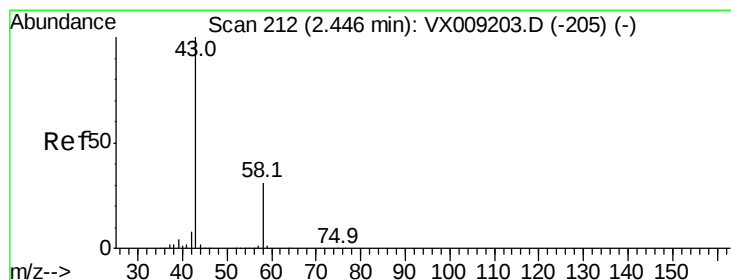
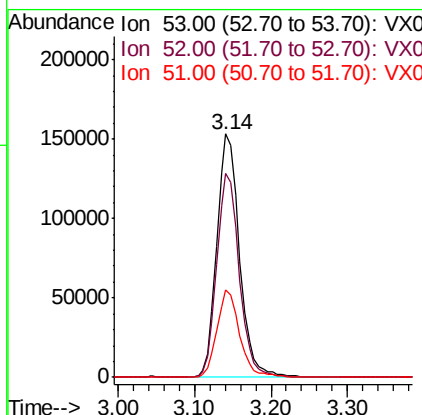
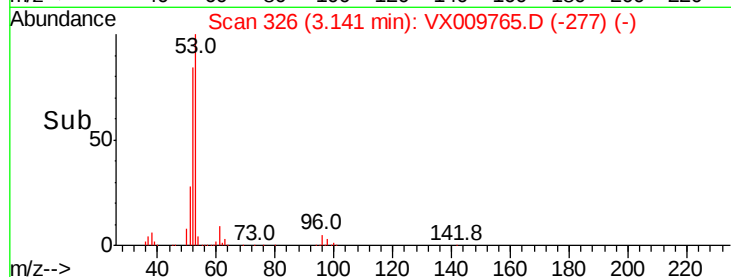
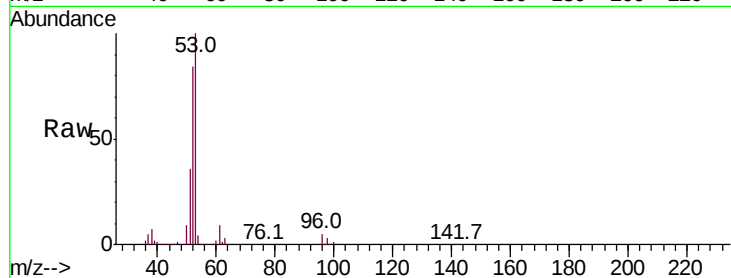
#15
 Acrylonitrile
 Concen: 245.742 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion:	53	Resp:	314955
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.9	100.3
51	35.8	28.2	42.2

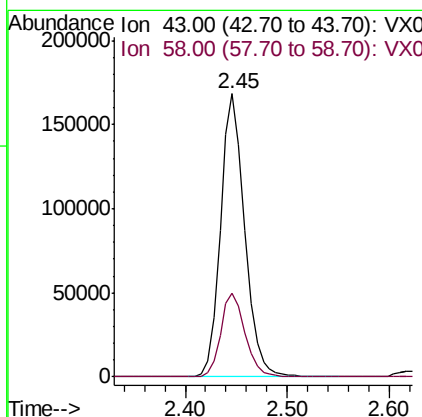
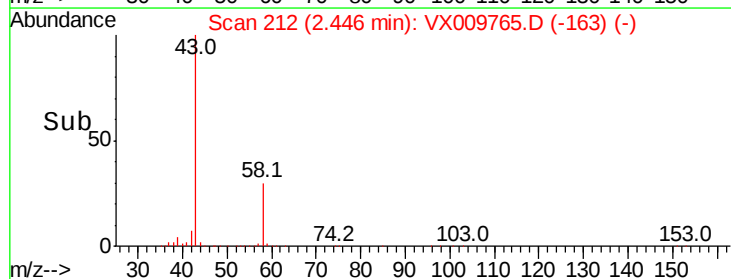
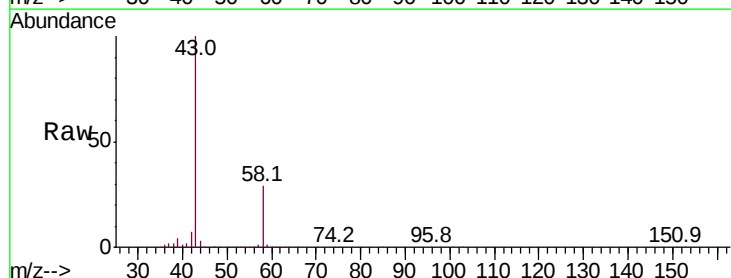
Manual Integrations
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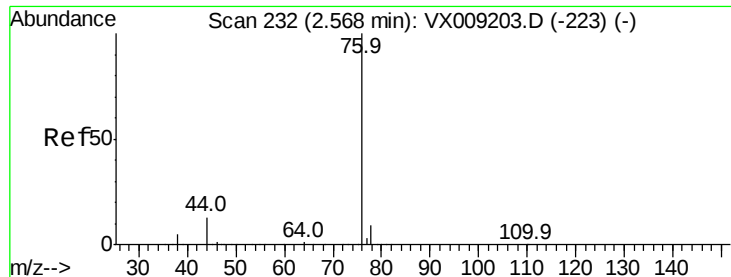
MMDadoda
 5/22/2019 10:39:51 AM



#16
 Acetone
 Concen: 226.914 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion:	43	Resp:	275916
Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.9	37.3





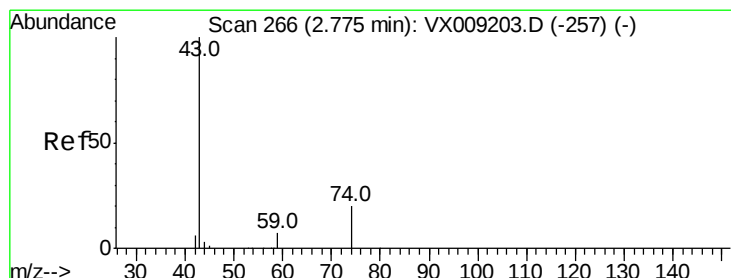
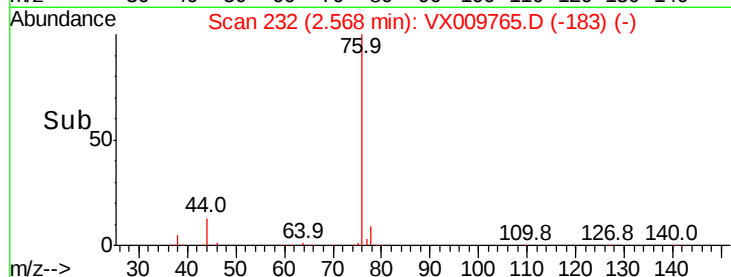
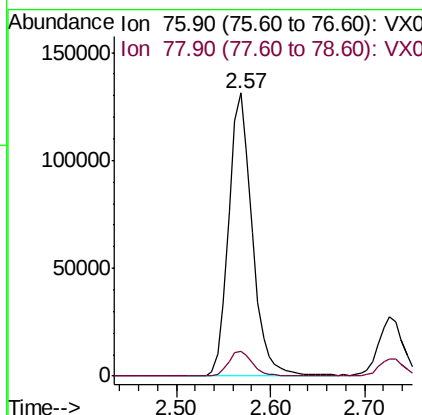
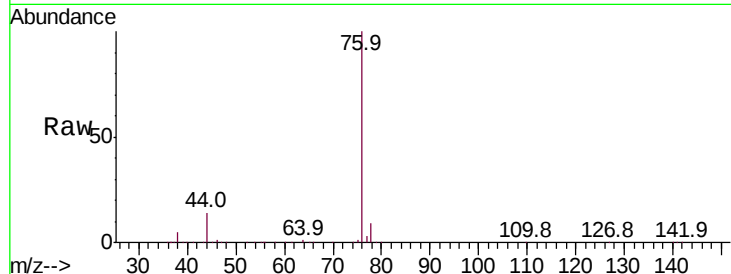
#17
Carbon Disulfide
Concen: 52.224 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

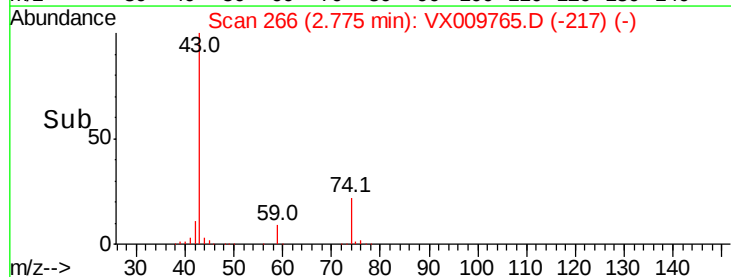
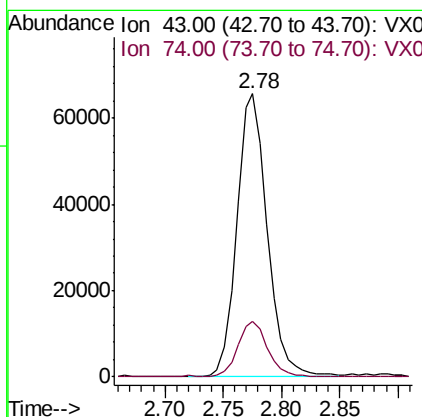
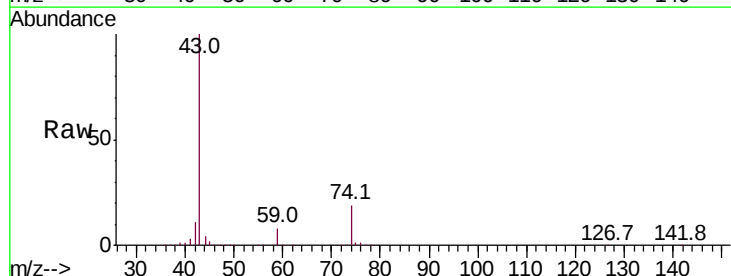
Manual Integrations
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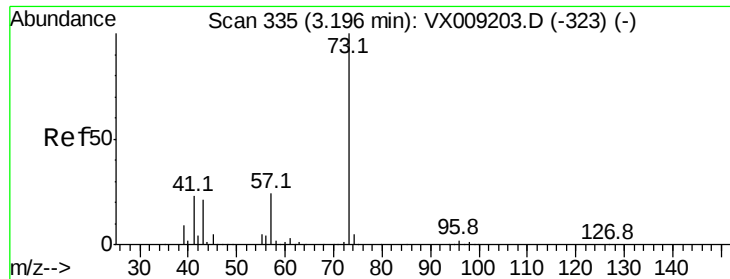
MMDadoda
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#18
Methyl Acetate
Concen: 40.873 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.9	16.2	24.4





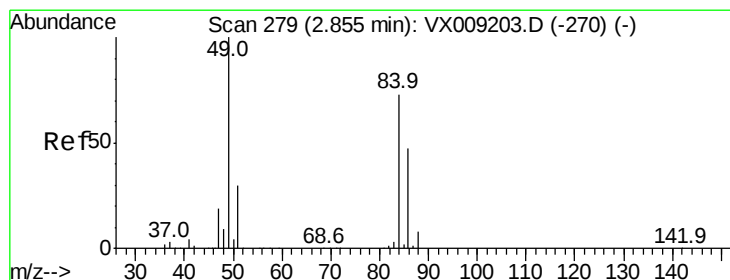
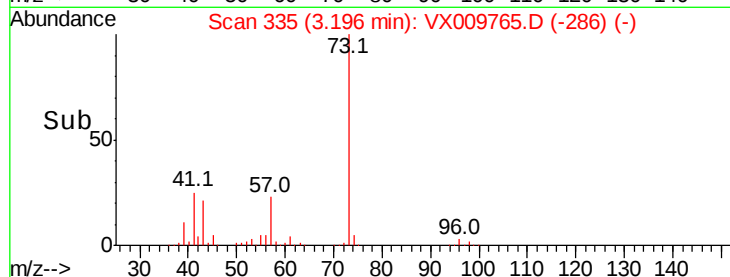
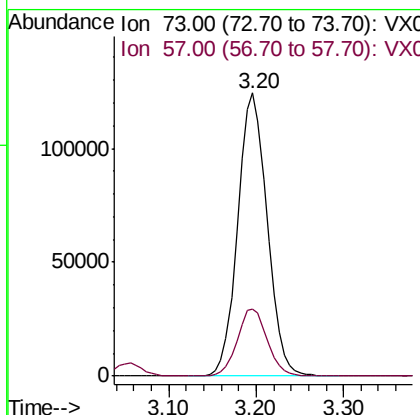
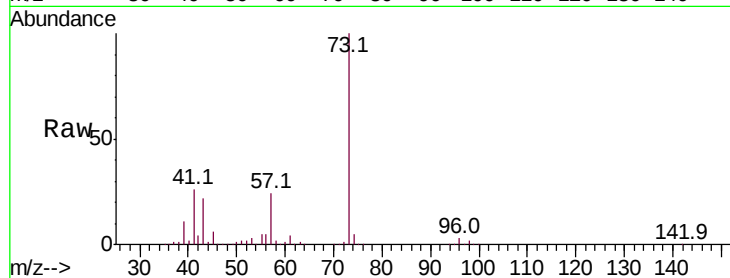
#19
Methvl tert-butvl Ether
Concen: 48.184 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampled :
S36-0153MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.3	28.9

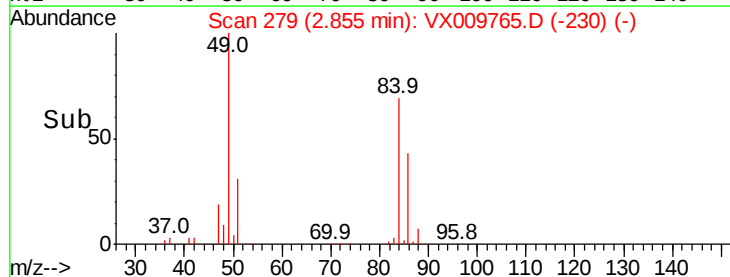
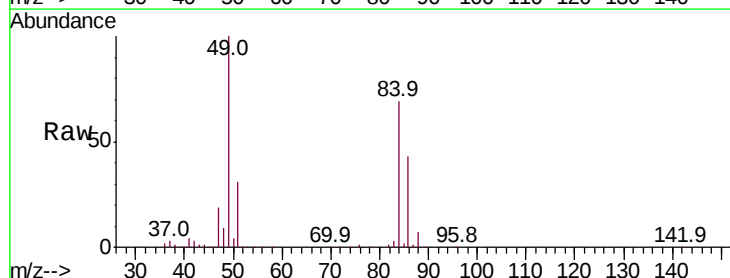
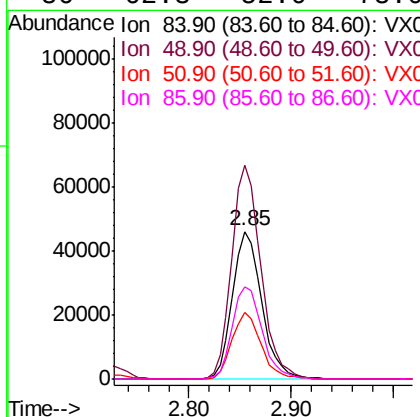
Manual Integrations
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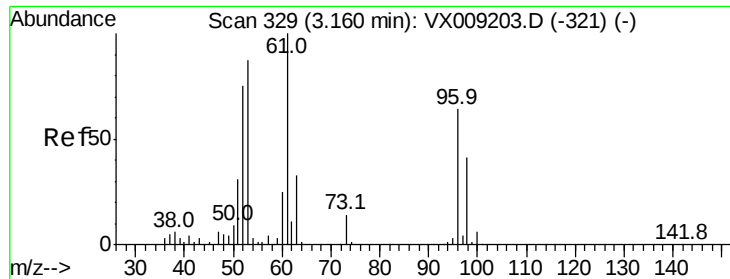
MMDadoda
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#20
Methylene Chloride
Concen: 46.419 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	144.5	109.9	164.9
51	44.7	32.7	49.1
86	62.3	52.0	78.0





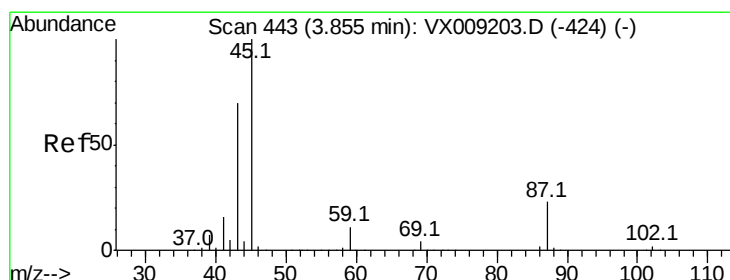
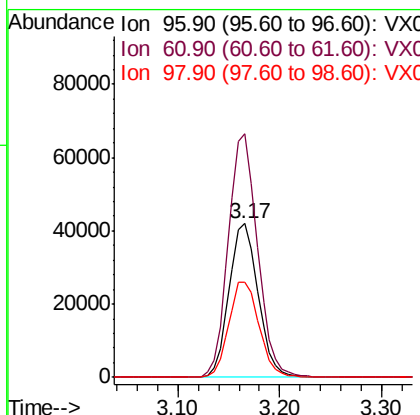
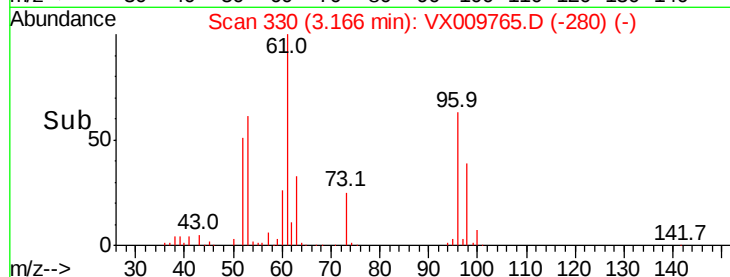
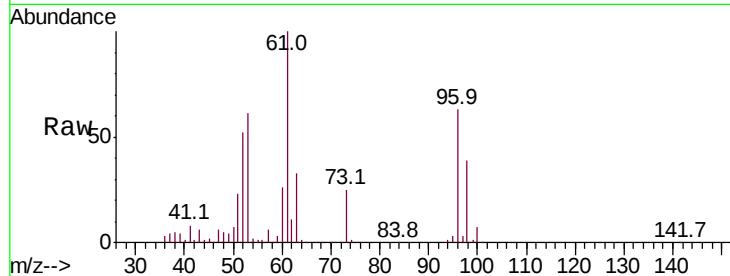
#21
trans-1,2-Dichloroethene
Concen: 49.157 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.2	124.5	186.7
98	61.6	50.4	75.6

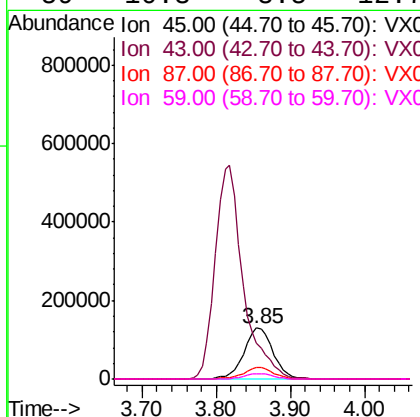
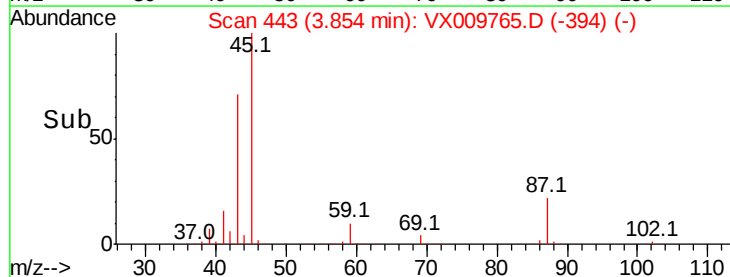
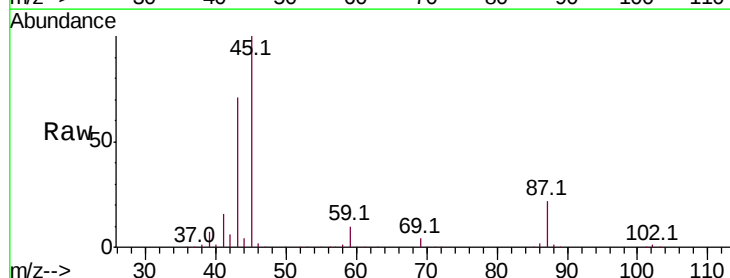
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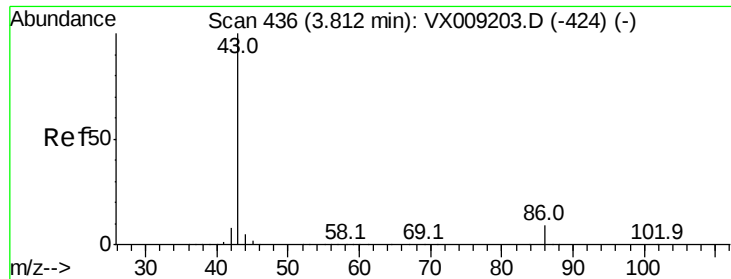
MMDadoda
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#22
Diisopropyl ether
Concen: 48.892 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.8	56.1	84.1
87	22.0	18.1	27.1
59	10.3	8.5	12.7





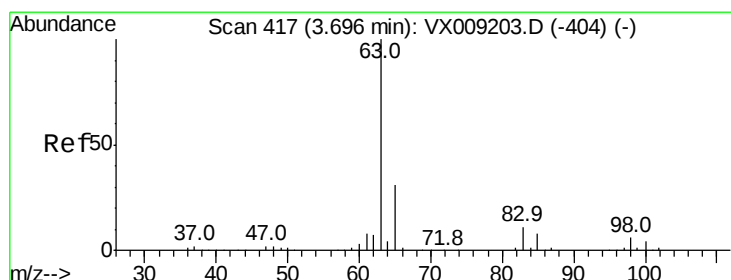
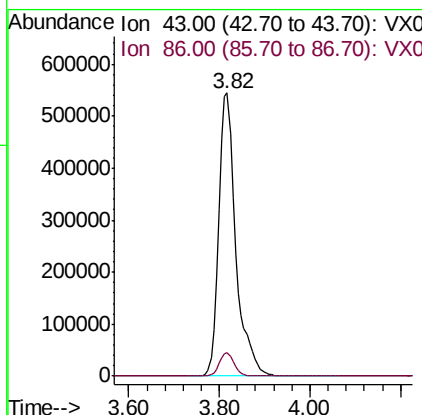
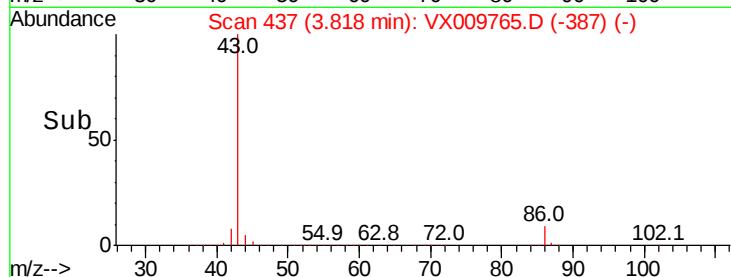
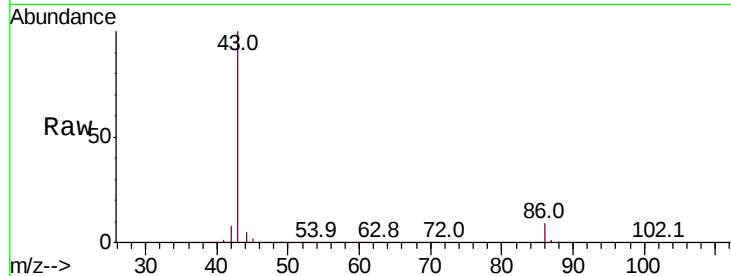
#23
 Vinyl Acetate
 Concen: 228.164 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.01 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion: 43 Resp: 1425212
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.9 10.3

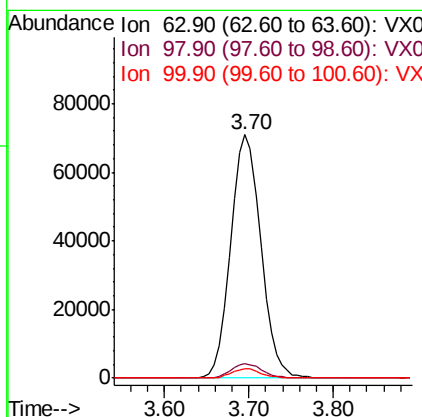
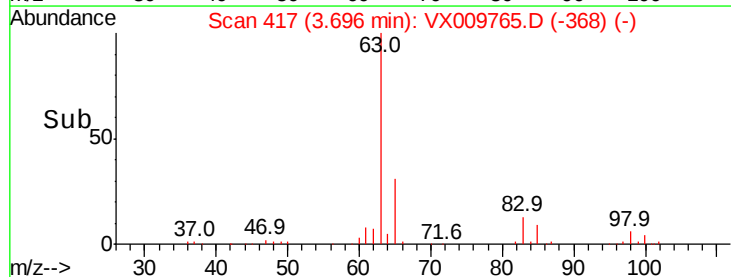
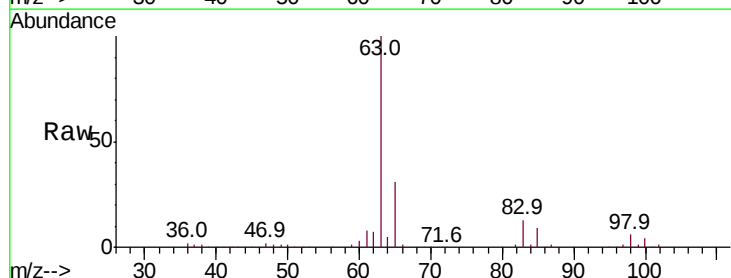
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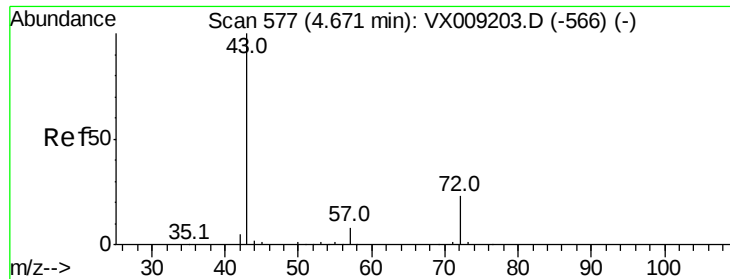
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#24
 1,1-Dichloroethane
 Concen: 47.837 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion: 63 Resp: 172141
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.0 9.2
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 248.954 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion: 43 Resp: 470410

Ion Ratio Lower Upper

43 100

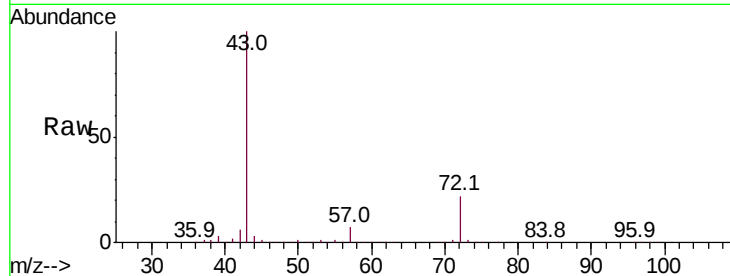
72 21.6 18.2 27.2

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

150000

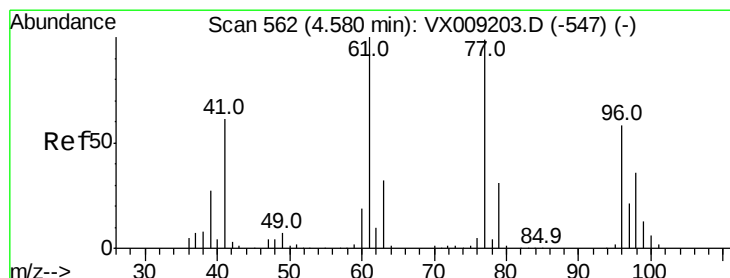
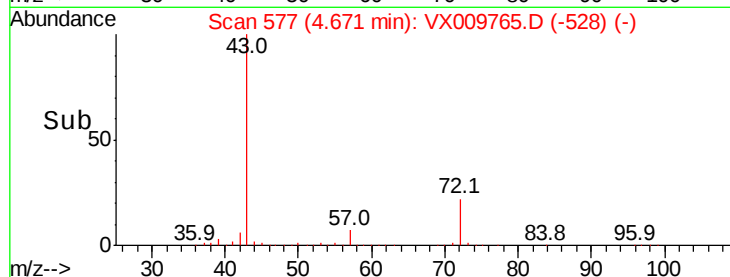
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 39.230 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009765.D

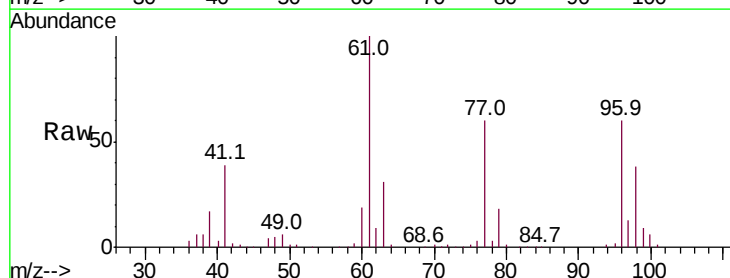
Acq: 21 May 2019 22:01

Tgt Ion: 77 Resp: 105077

Ion Ratio Lower Upper

77 100

97 24.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

30000

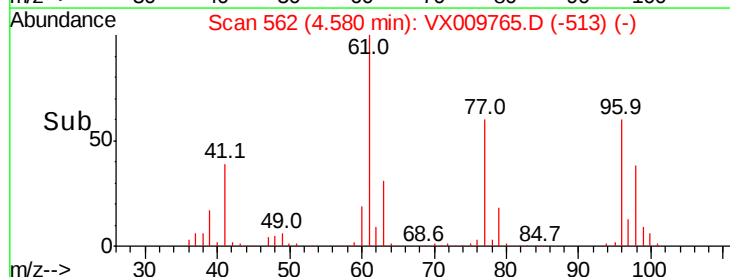
20000

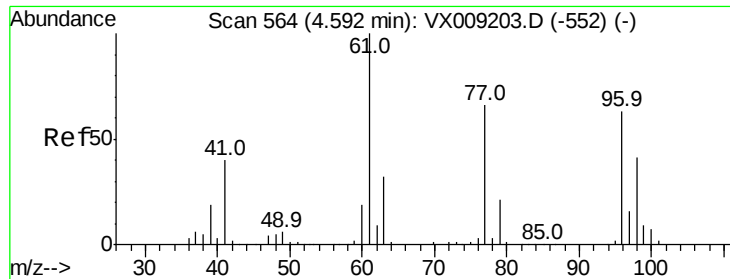
10000

0

Time-->

4.50 4.60 4.70





#27

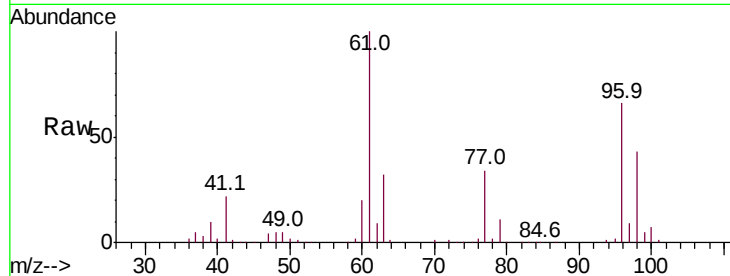
cis-1,2-Dichloroethene
Concen: 68.563 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	138140		
61	155.4	0.0	324.0	
98	64.3	0.0	130.4	

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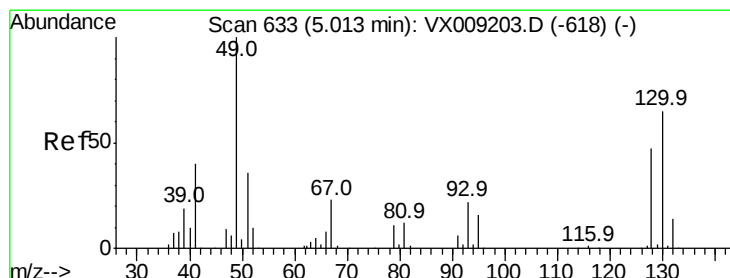
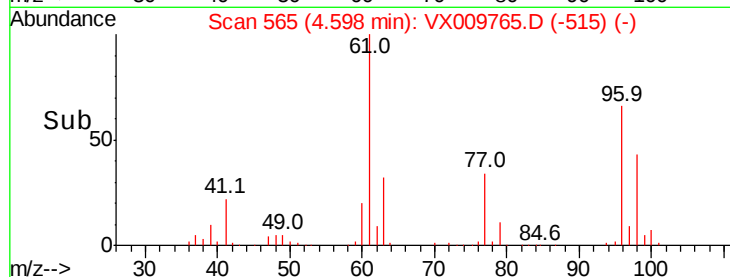
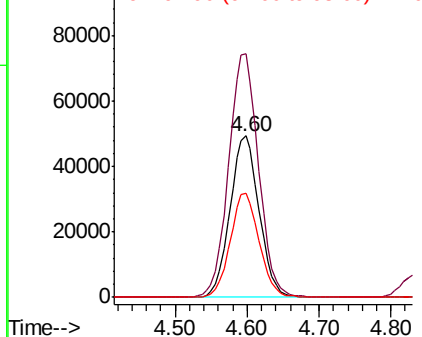


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

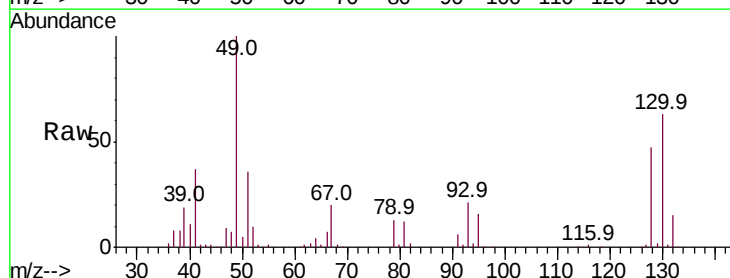
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 59.223 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	85057		
129	1.8	0.0	3.8	
130	62.3	51.2	76.8	

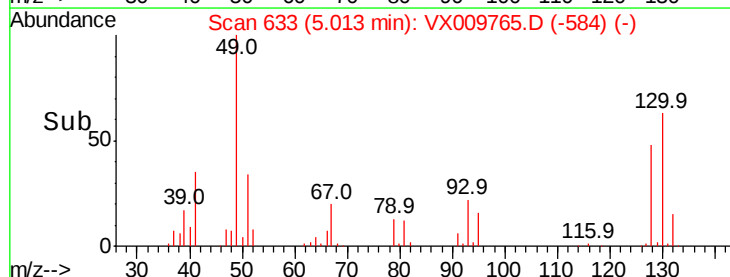
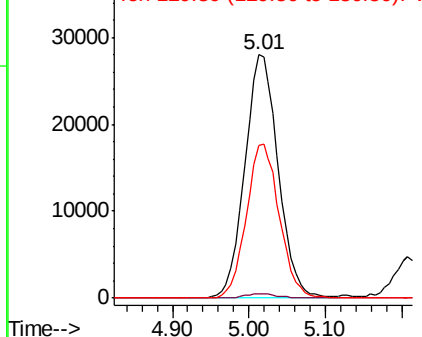


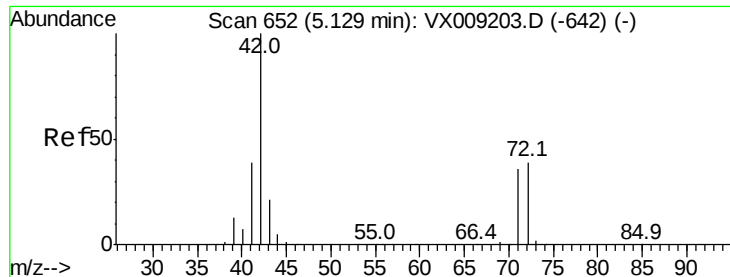
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





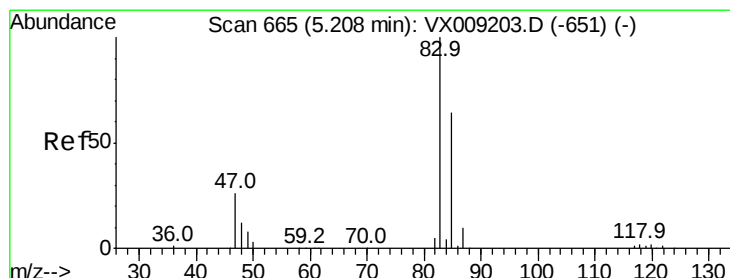
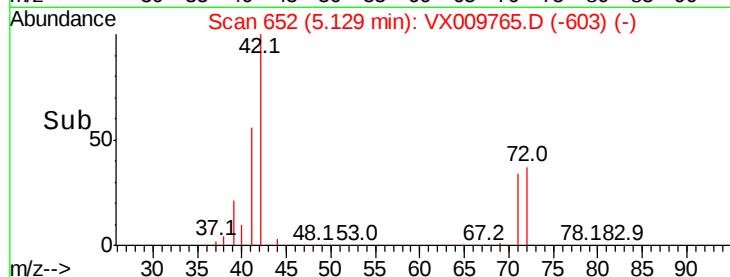
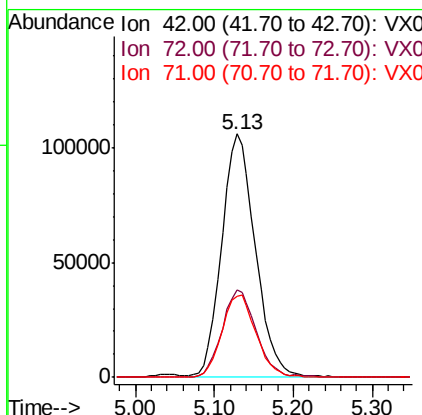
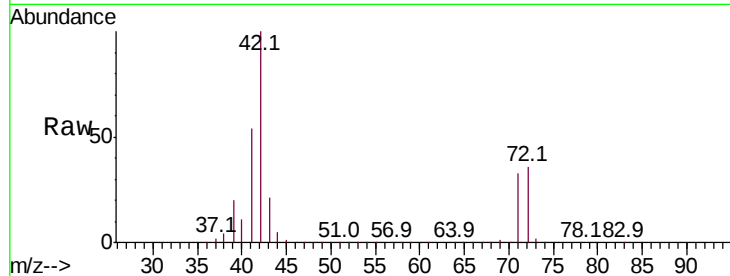
#29
Tetrahydrofuran
Concen: 256.632 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampled :
S36-0153MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.8	30.4	45.6
71	34.9	28.6	43.0

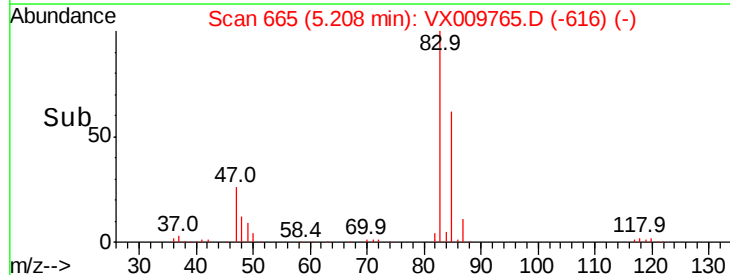
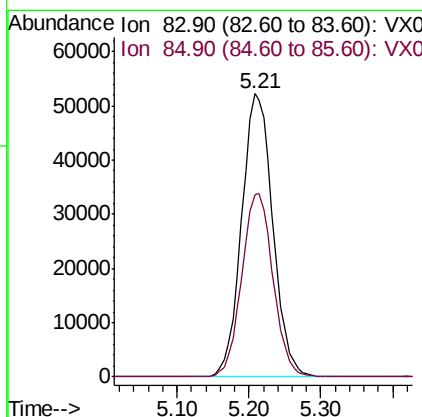
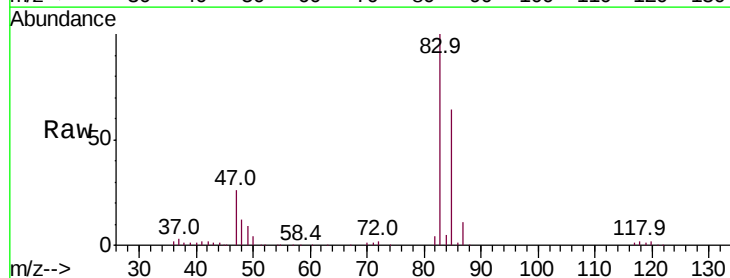
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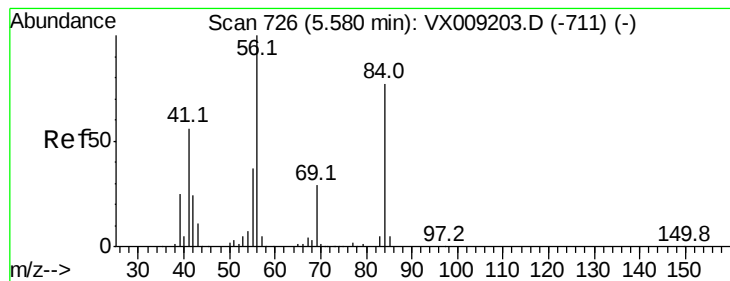
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#30
Chloroform
Concen: 48.182 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3





#31

Cyclohexane

Concen: 49.532 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

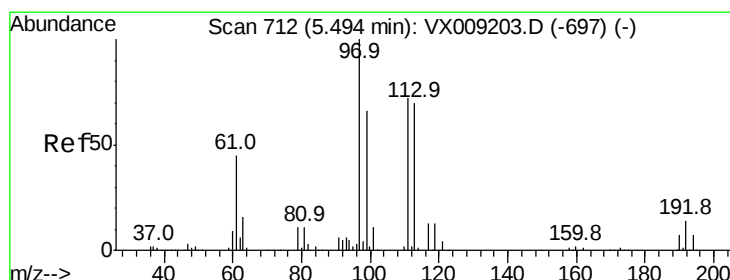
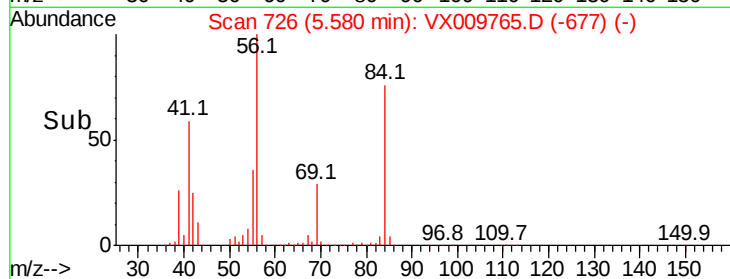
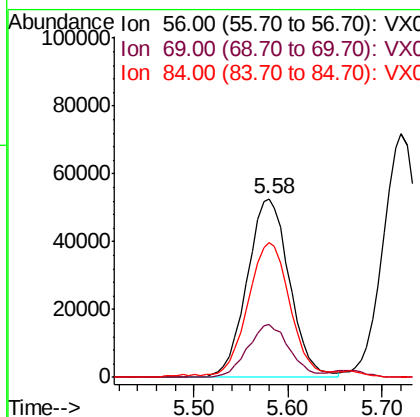
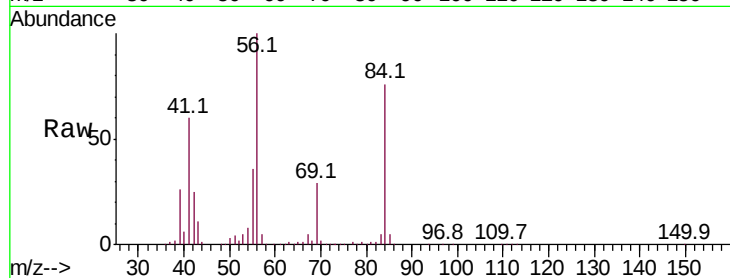
ClientSampleId :

S36-0153MSD

Tot Ion:	56	Resp:	165831
Ion Ratio	Lower	Upper	
56	100		
69	29.5	23.4	35.0
84	74.5	61.9	92.9

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#32

1,1,1-Trichloroethane

Concen: 48.054 ug/l

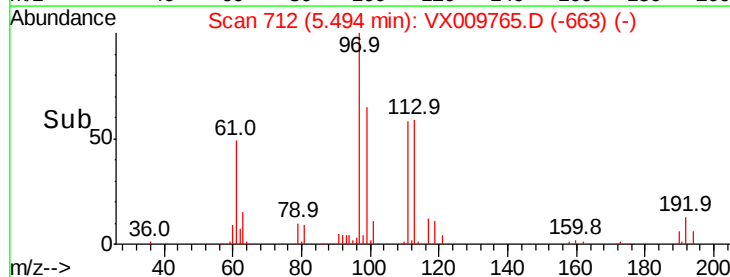
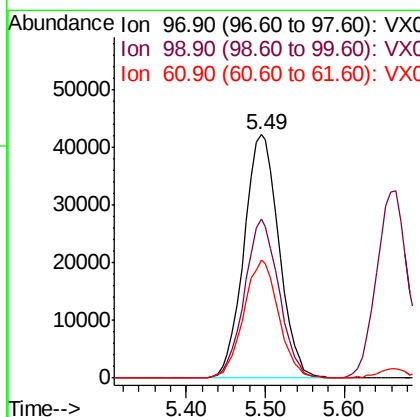
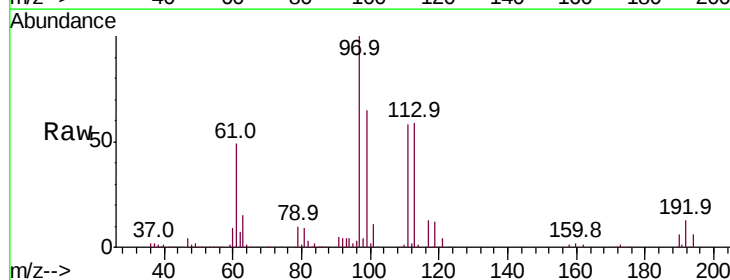
RT: 5.49 min Scan# 712

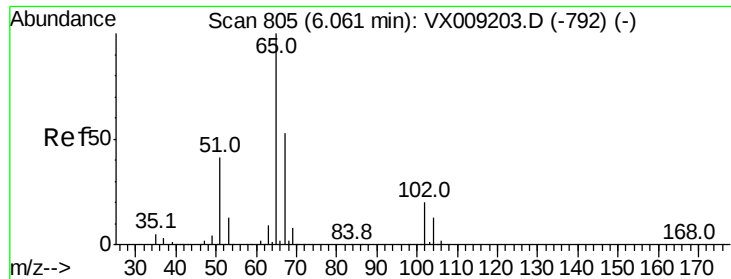
Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Tgt Ion:	97	Resp:	130193
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.8	77.8
61	48.5	37.8	56.8





#33

1,2-Dichloroethane-d4

Concen: 43.327 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion: 65 Resp: 98113

Ion Ratio Lower Upper

65 100

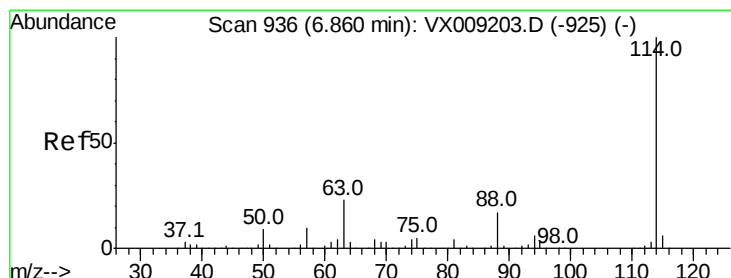
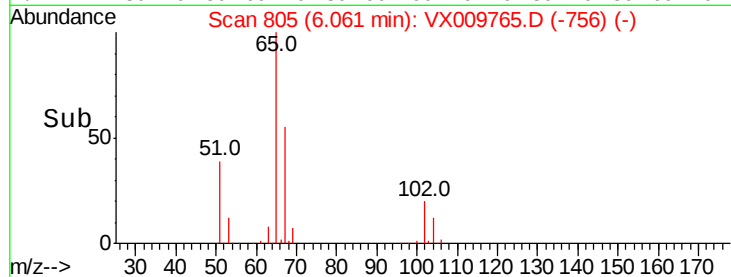
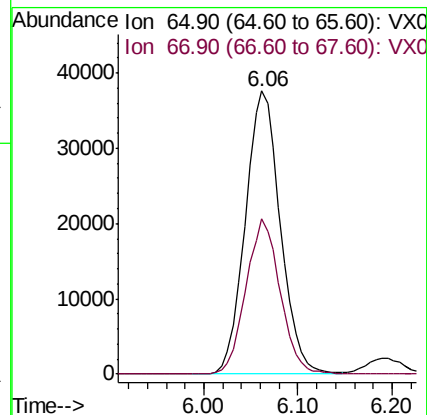
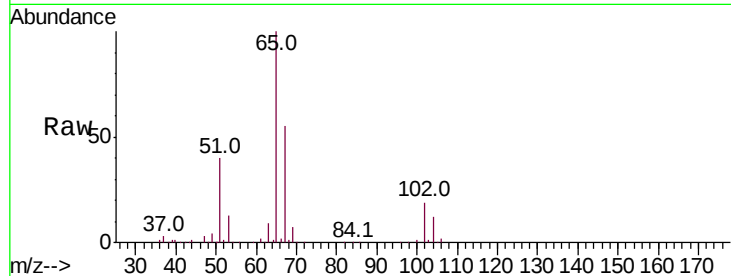
67 53.5 0.0 106.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

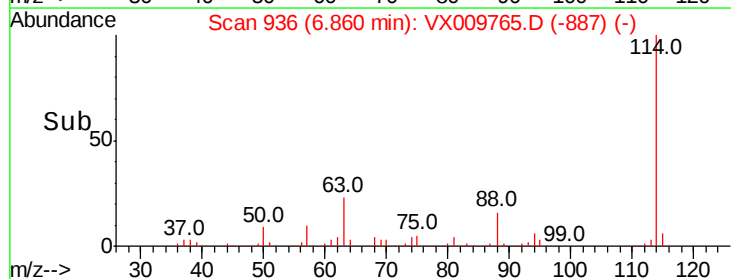
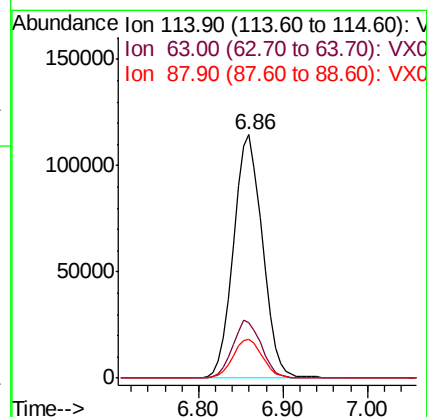
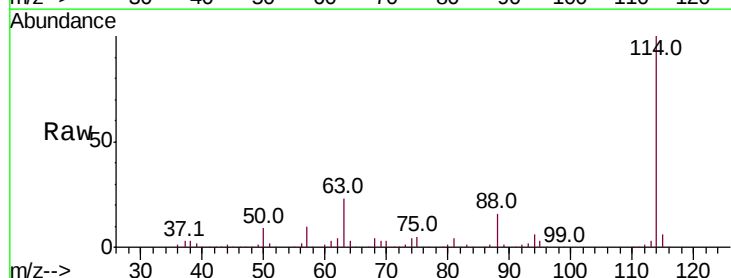
Tgt Ion:114 Resp: 268017

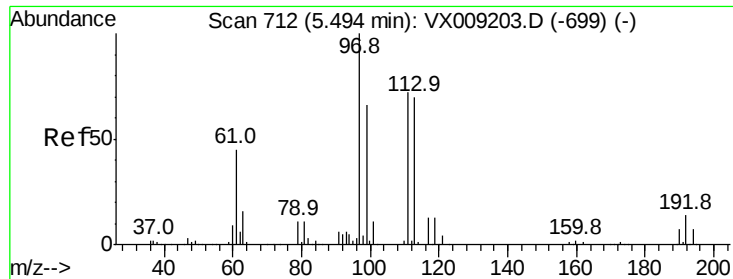
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 16.1 0.0 33.2





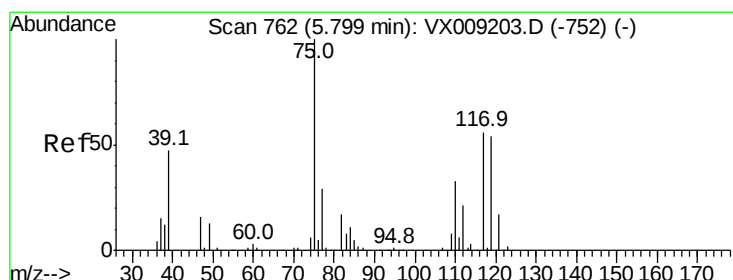
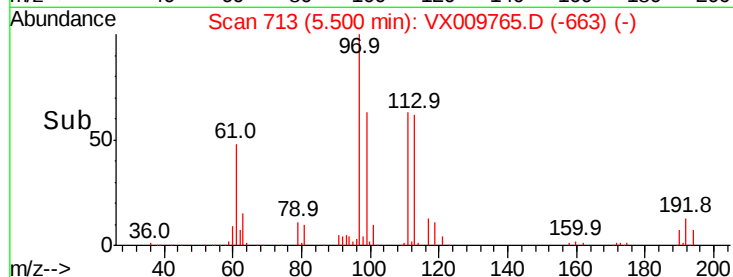
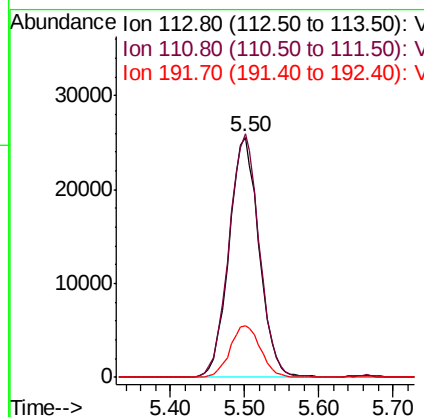
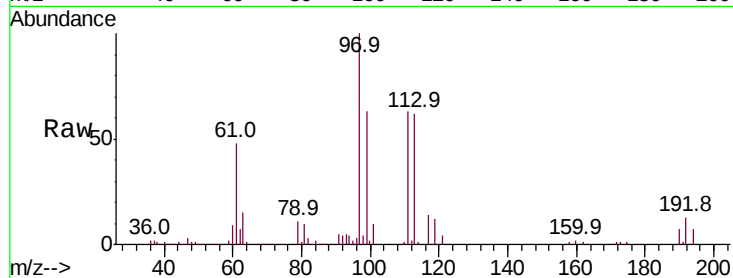
#35
Dibromofluoromethane
Concen: 42.970 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	21.8	17.0	25.6

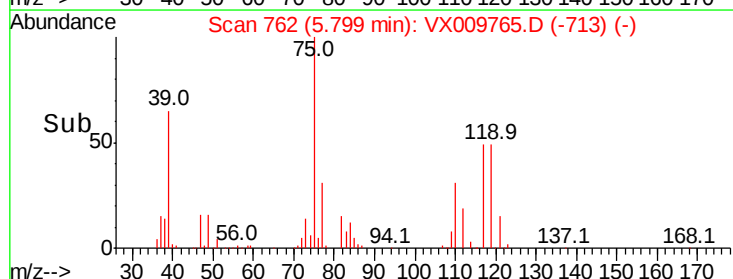
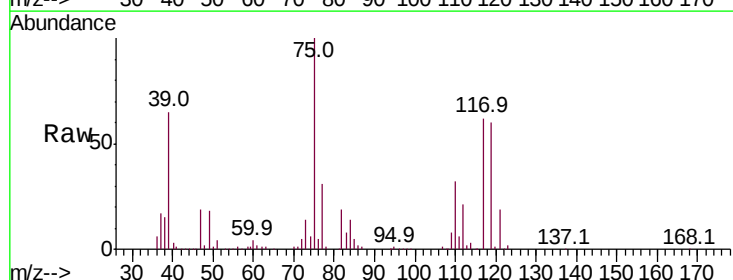
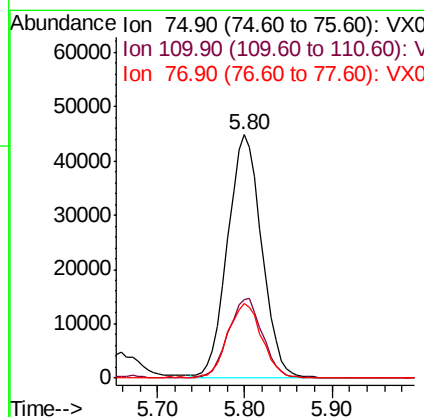
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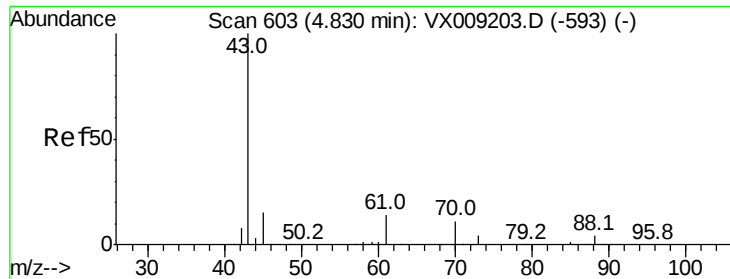
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#36
1,1-Dichloropropene
Concen: 48.618 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.6
77	31.2	24.8	37.2





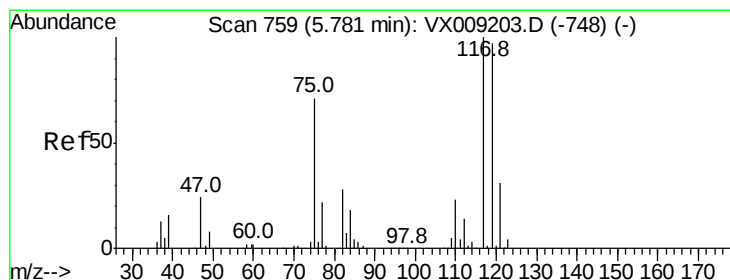
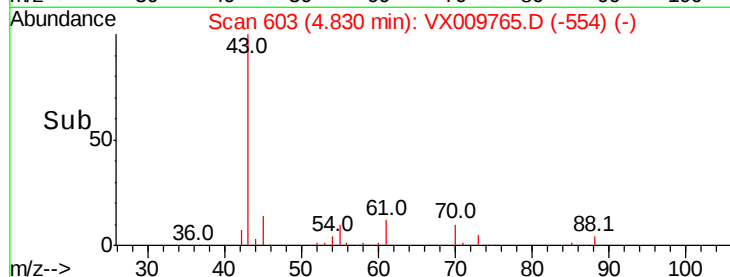
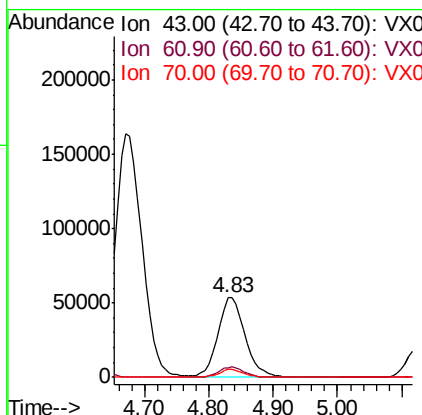
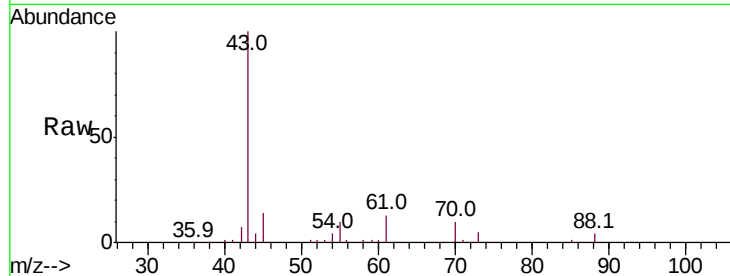
#37
Ethyl Acetate
Concen: 46.074 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.5	15.7
70	9.3	7.9	11.9

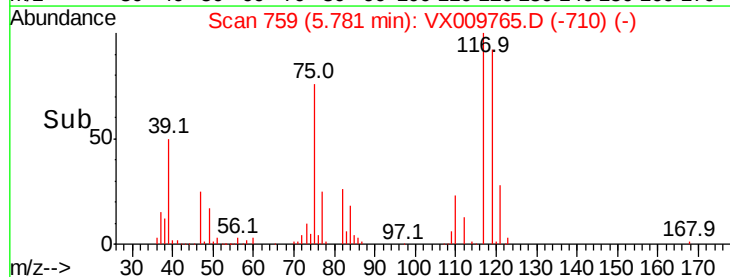
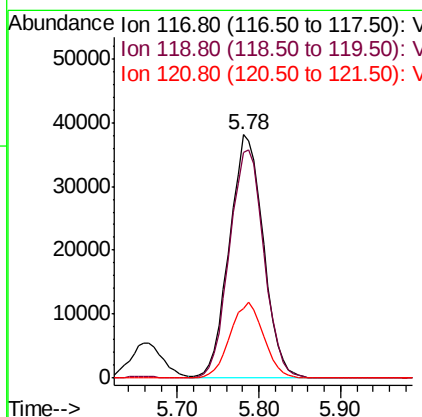
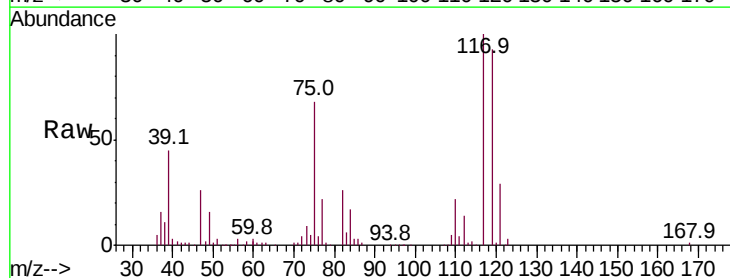
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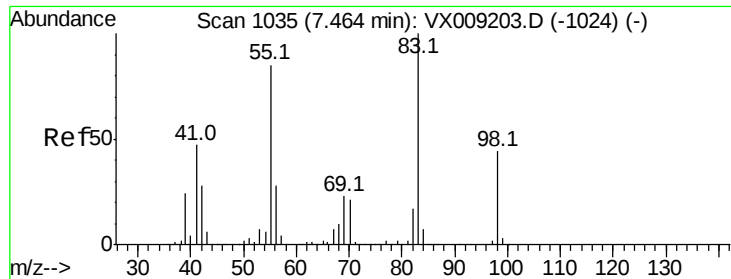
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.506 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.5	116.3
121	28.5	24.7	37.1





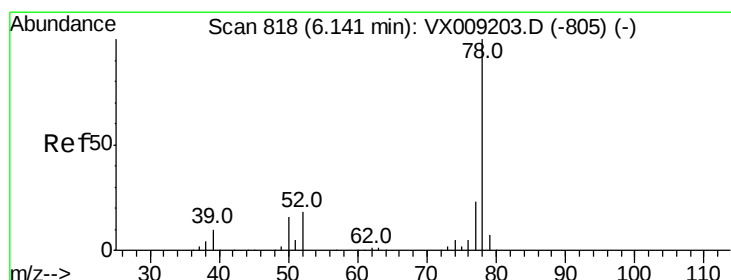
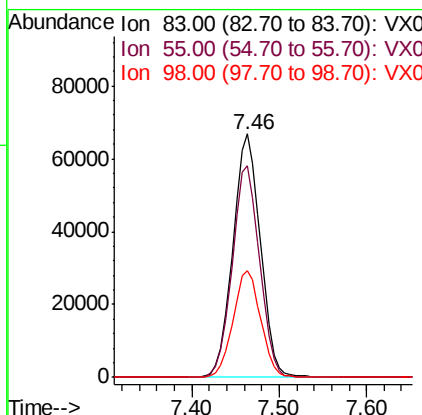
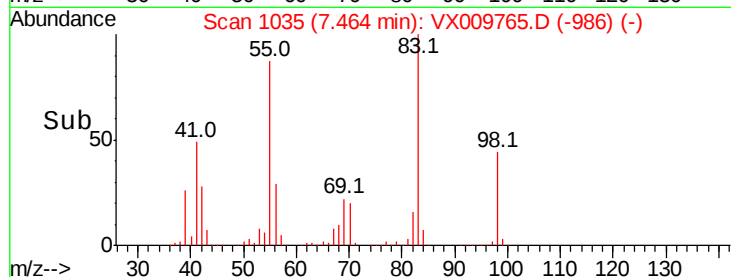
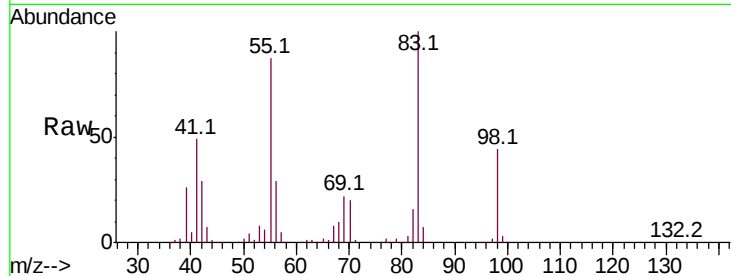
#39
Methvlcvclohexane
Concen: 47.710 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.9	67.7	101.5
98	43.8	35.5	53.3

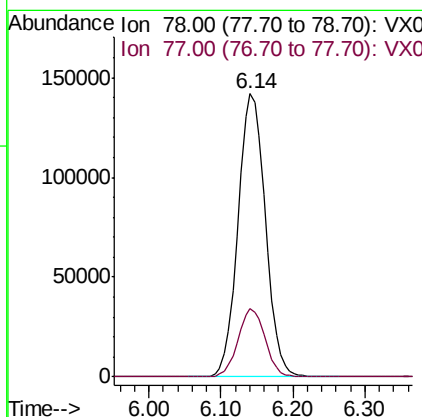
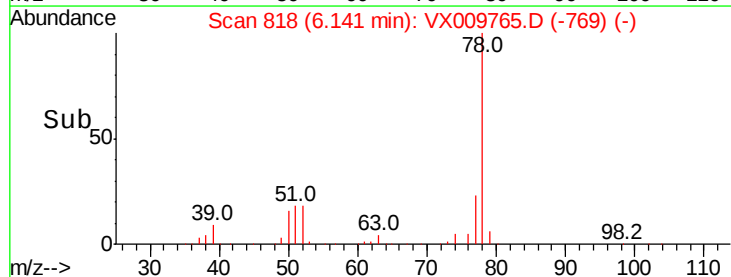
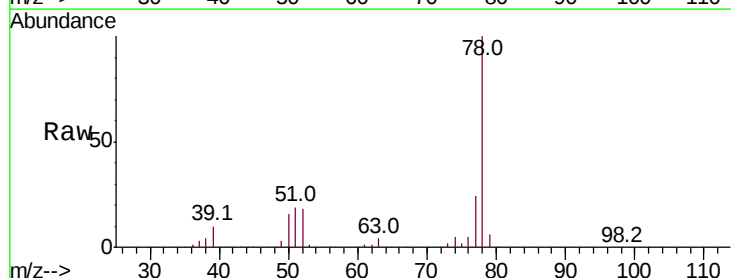
Manual Integrations
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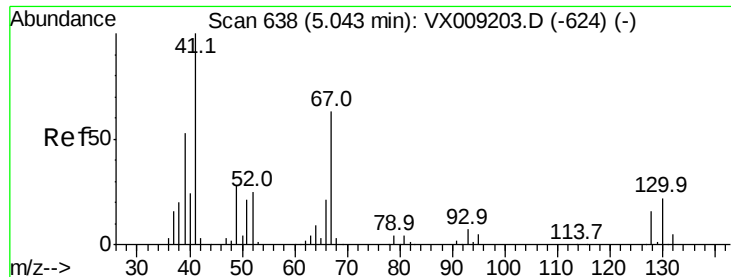
MMDadoda
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#40
Benzene
Concen: 48.665 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2





#41

Methacrylonitrile

Concen: 48.864 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

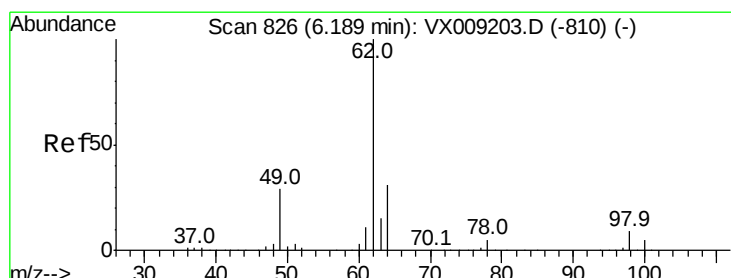
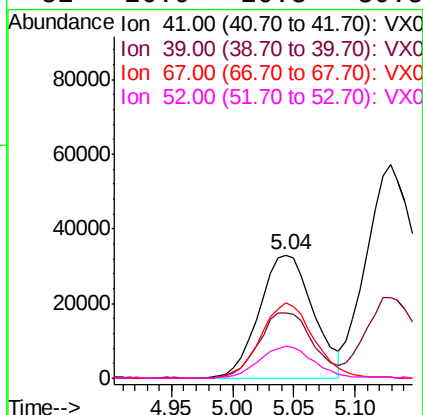
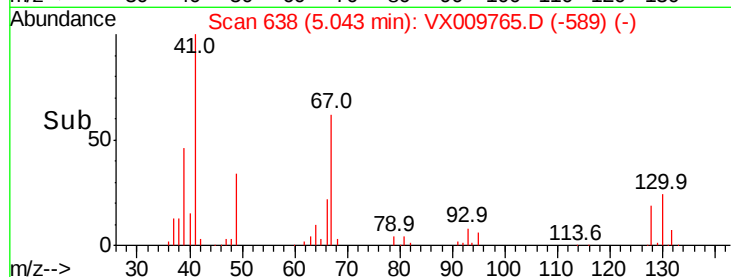
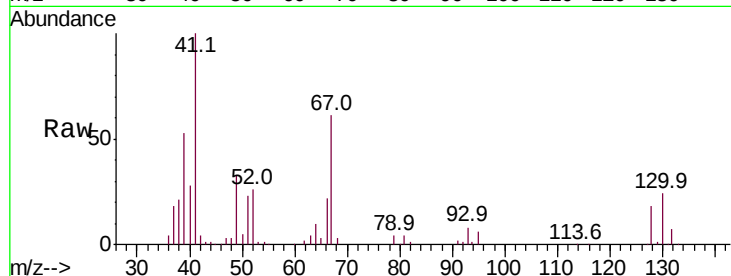
ClientSampleId :

S36-0153MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.0	63.0	
67	60.6	49.8	74.8	
52	26.9	20.3	30.5	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.431 ug/l

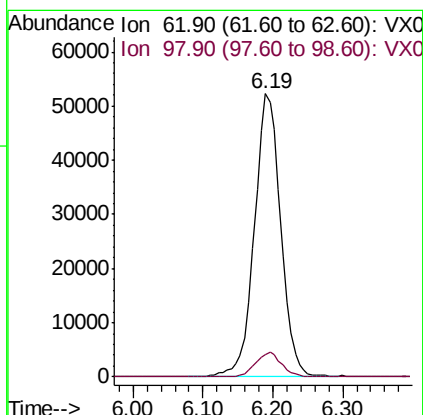
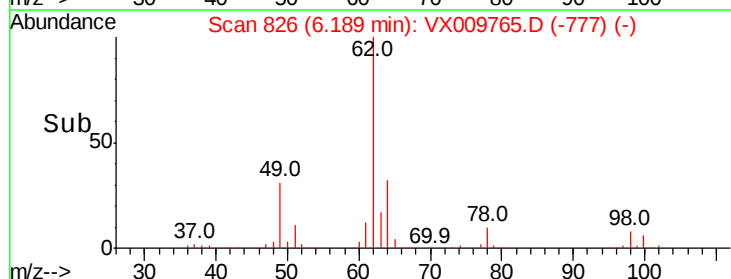
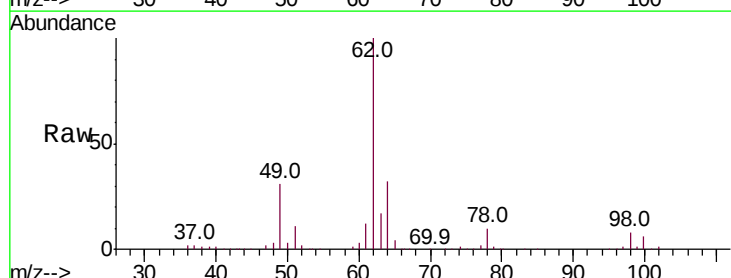
RT: 6.19 min Scan# 826

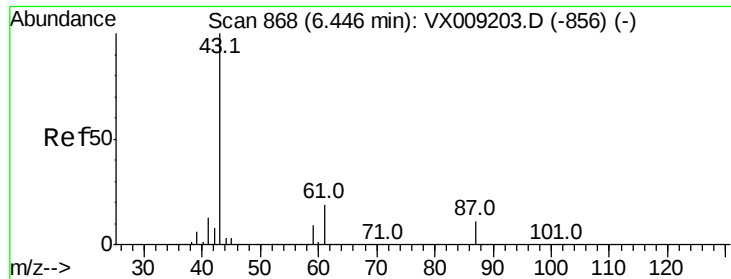
Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	18.2	





#43

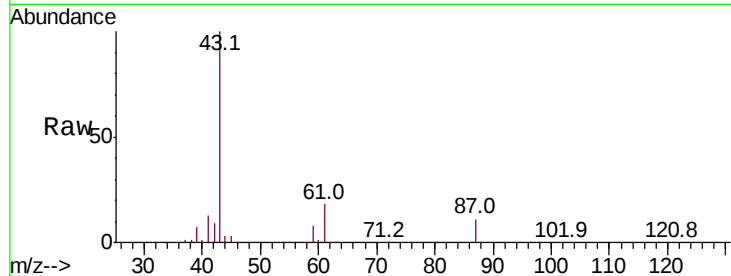
Isopropyl Acetate
 Concen: 47.023 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0153MSD

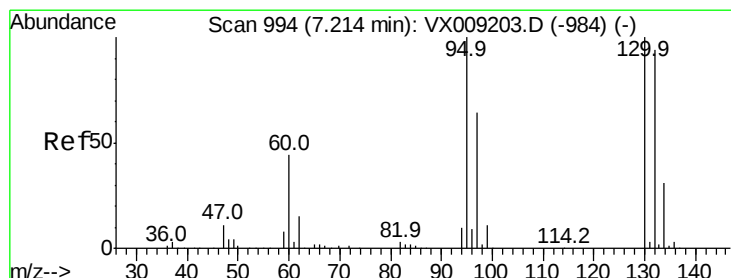
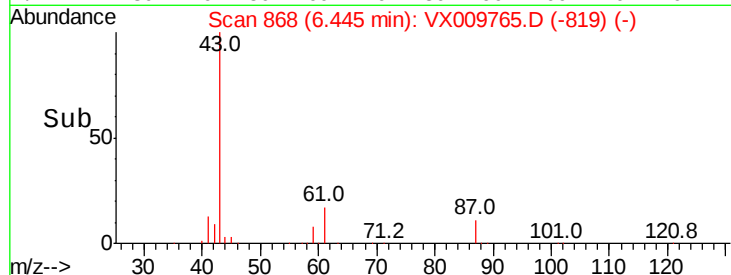
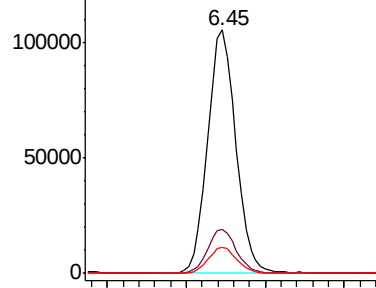
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.1	22.7
87	10.8	9.0	13.6

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 5/22/2019 10:39:51 AM



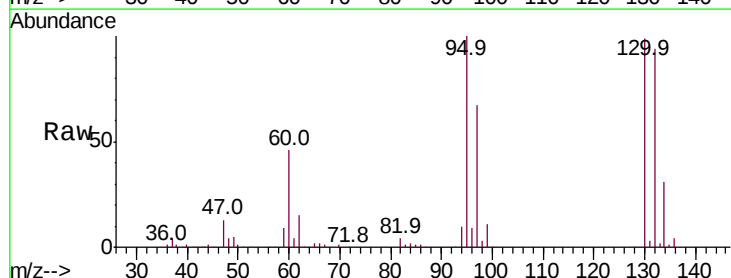
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



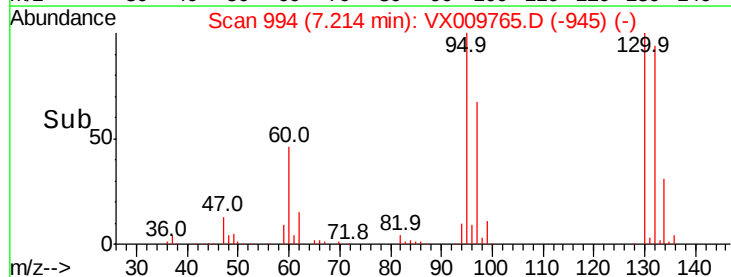
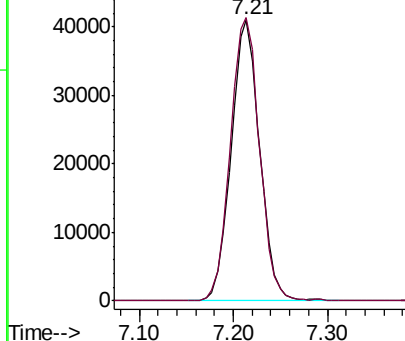
#44

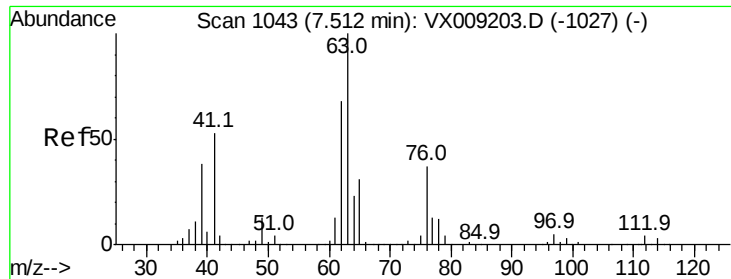
Trichloroethene
 Concen: 46.189 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	199.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.682 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion: 63 Resp: 106258

Ion Ratio Lower Upper

63 100

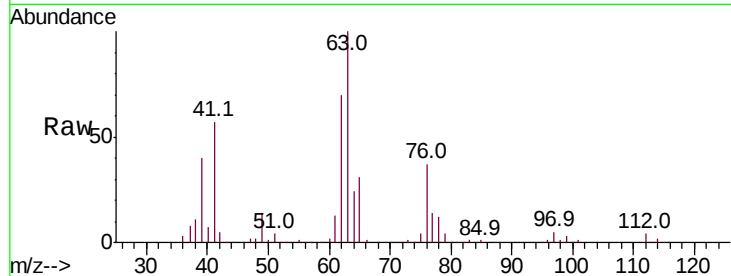
65 31.0 25.0 37.6

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5/22/2019 10:39:51 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

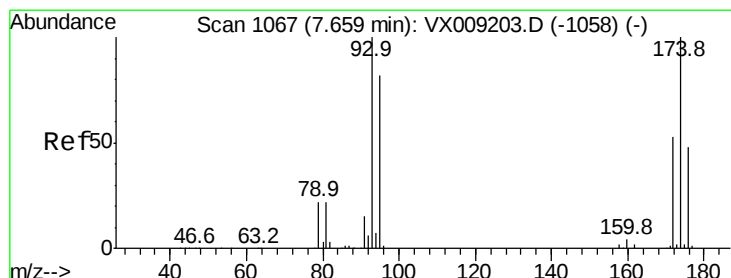
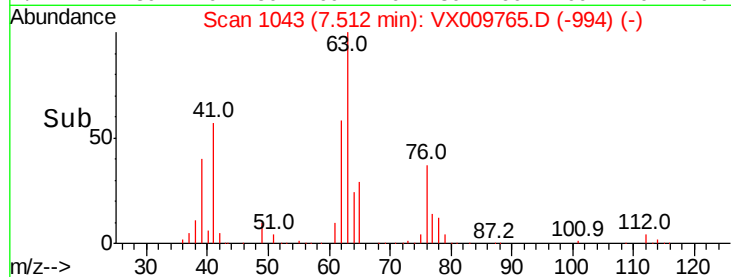
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 47.646 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

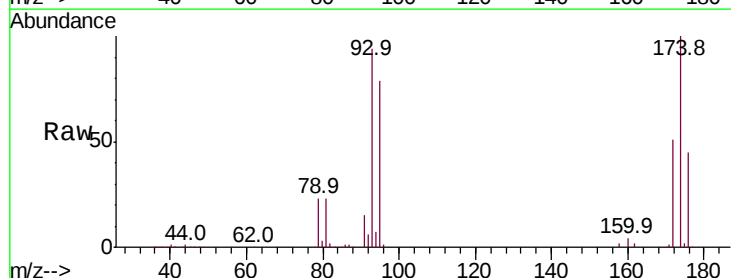
Tgt Ion: 93 Resp: 60391

Ion Ratio Lower Upper

93 100

95 83.9 66.5 99.7

174 104.4 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

40000

30000

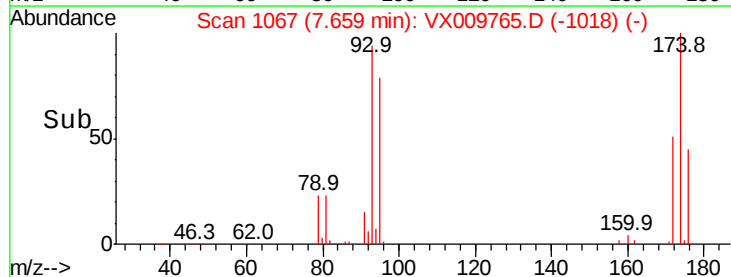
20000

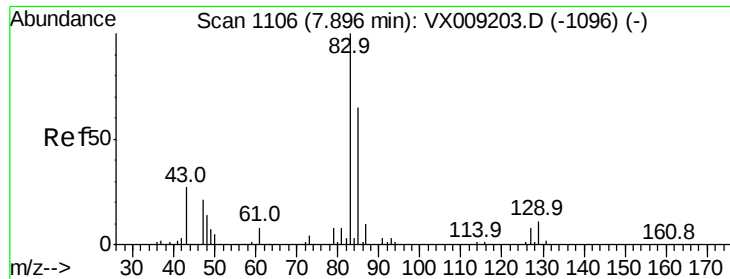
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 48.797 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

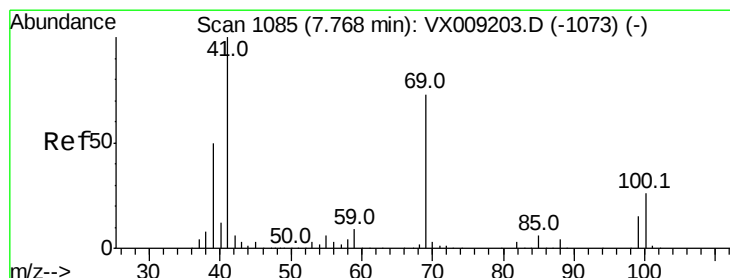
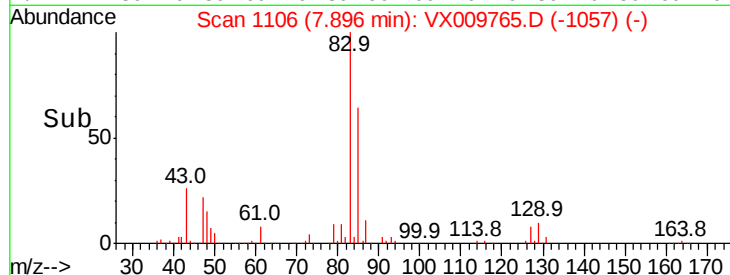
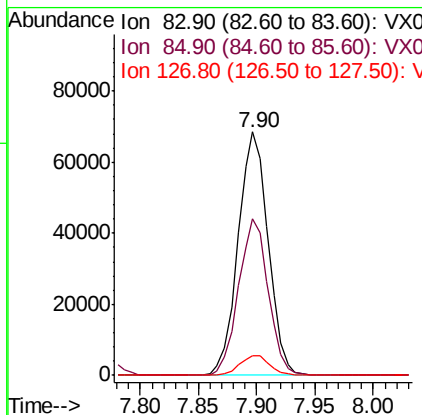
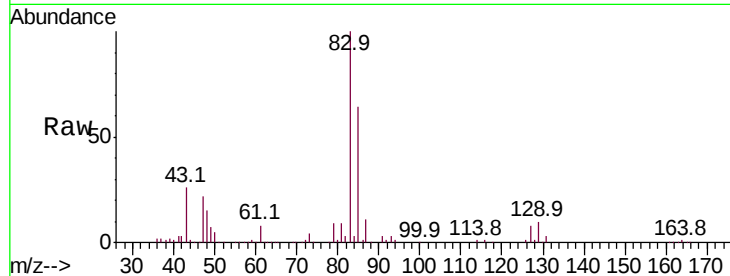
ClientSampleId :

S36-0153MSD

Tot Ion:	83	Resp:	123376
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.4	78.6
127	8.0	6.6	10.0

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#48

Methyl methacrylate

Concen: 51.937 ug/l

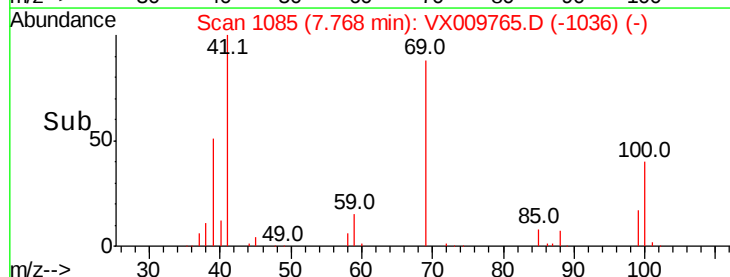
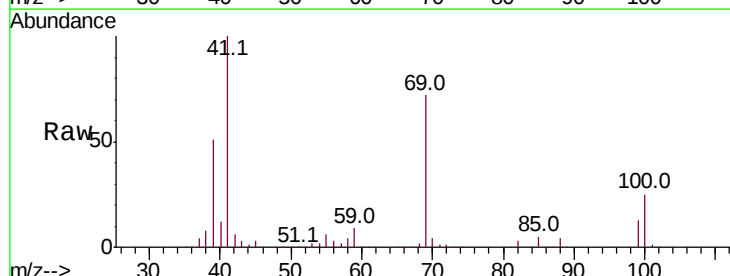
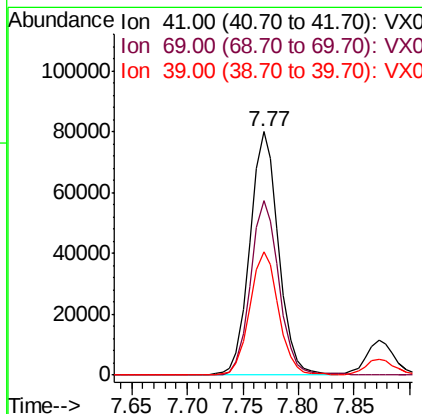
RT: 7.77 min Scan# 1085

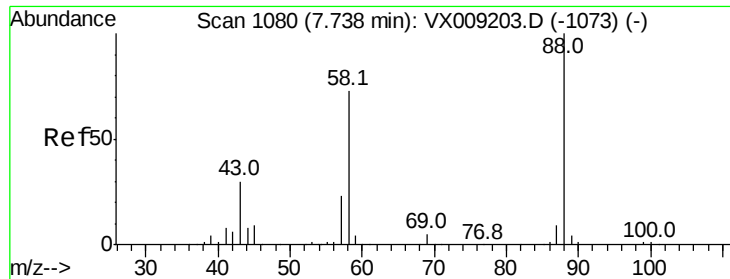
Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Tgt Ion:	41	Resp:	143031
Ion Ratio	Lower	Upper	
41	100		
69	71.1	59.1	88.7
39	51.3	40.4	60.6





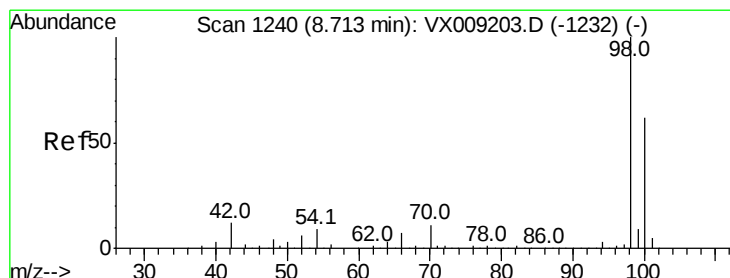
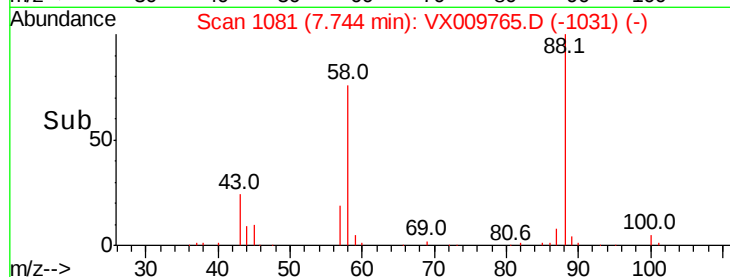
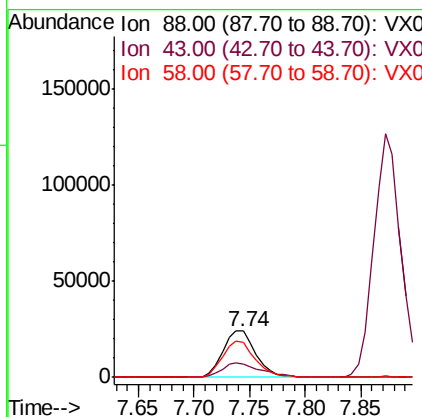
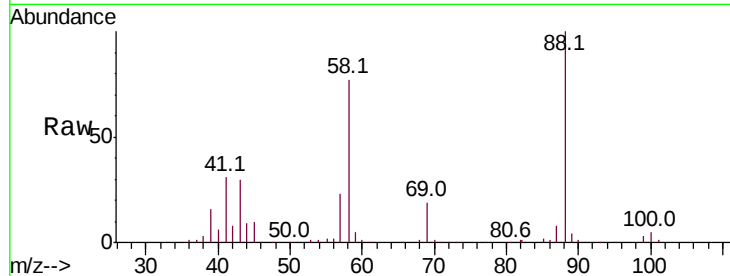
#49
1,4-Dioxane
Concen: 881.255 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	28.6	42.8
58	80.4	61.7	92.5

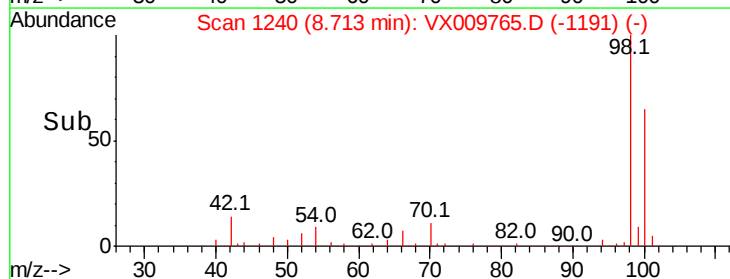
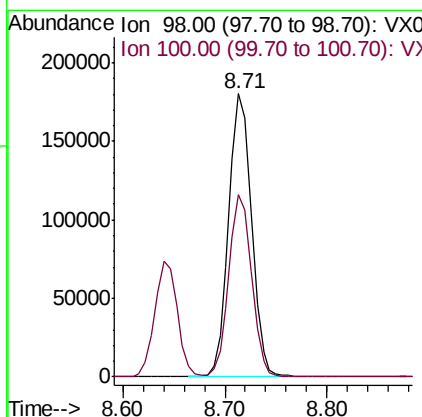
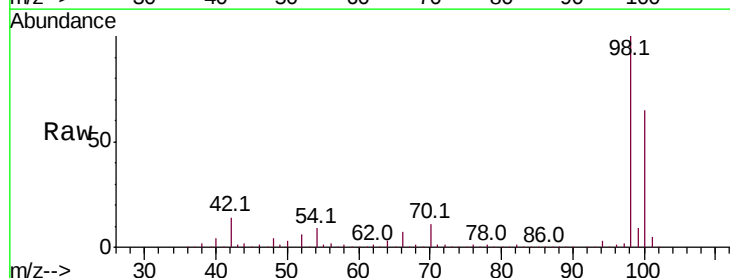
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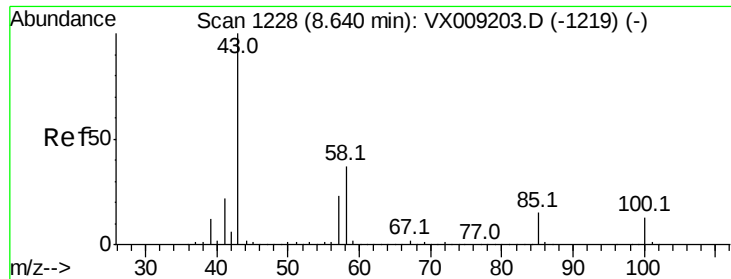
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5/22/2019 10:39:51 AM



#50
Toluene-d8
Concen: 41.282 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 260.612 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion: 43 Resp: 945555

Ion Ratio Lower Upper

43 100

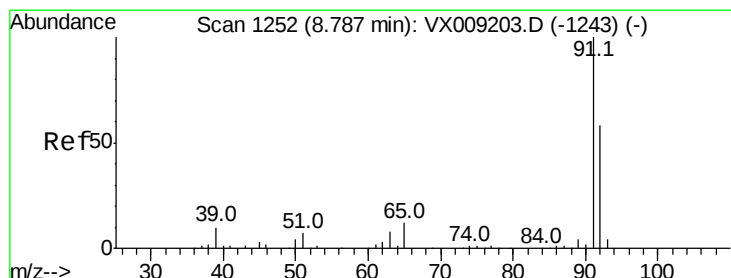
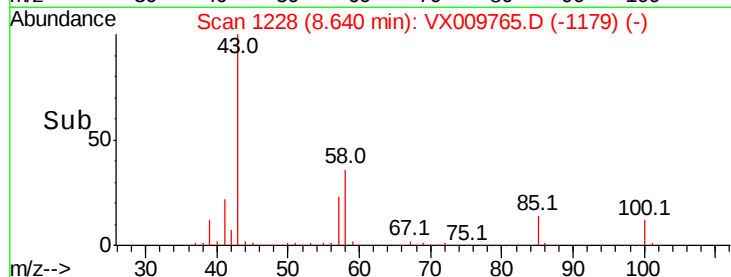
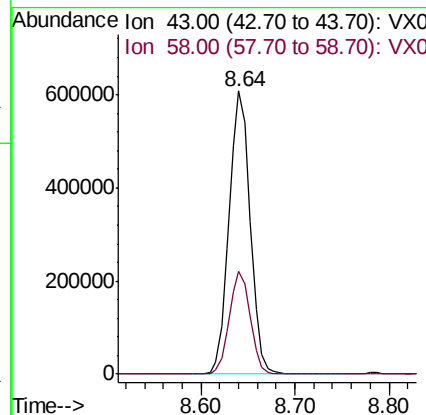
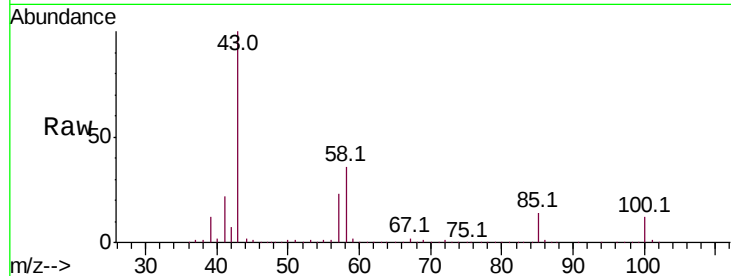
58 35.9 29.5 44.3

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5/22/2019 10:39:51 AM



#52

Toluene

Concen: 48.952 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009765.D

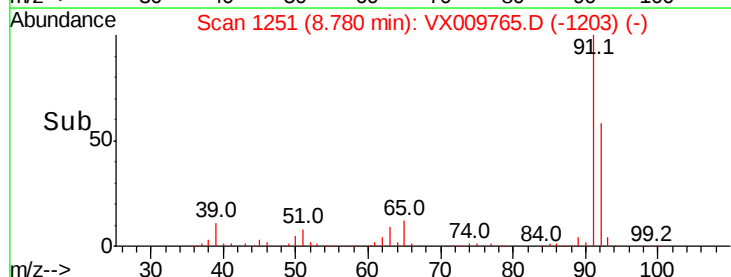
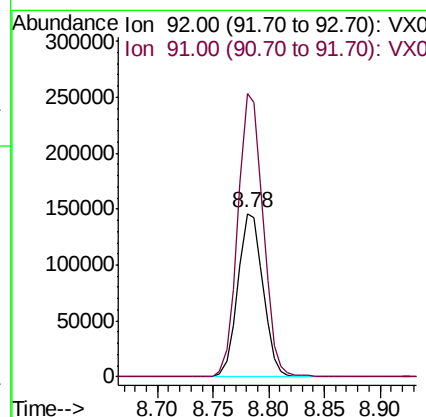
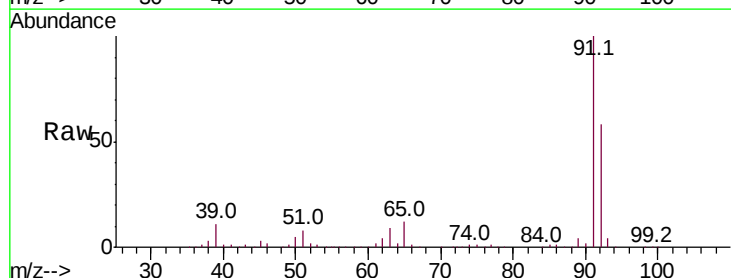
Acq: 21 May 2019 22:01

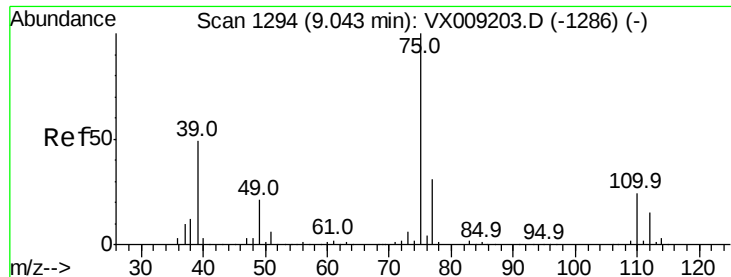
Tgt Ion: 92 Resp: 229376

Ion Ratio Lower Upper

92 100

91 173.7 138.8 208.2





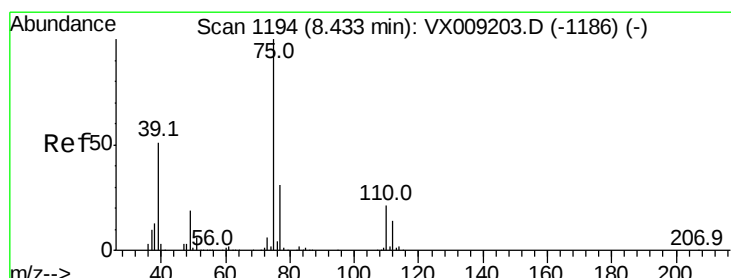
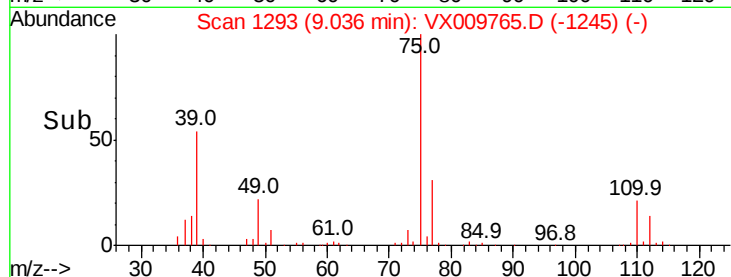
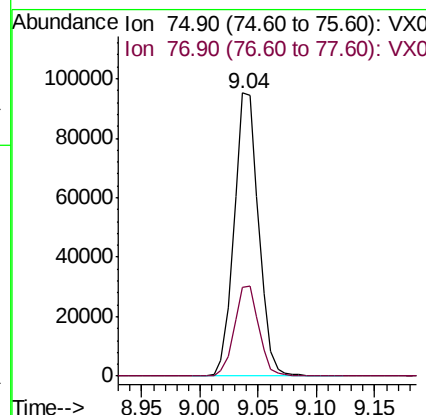
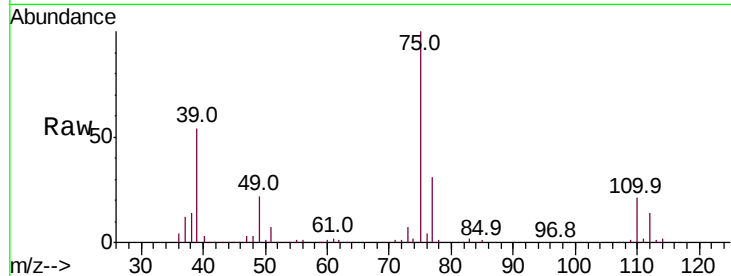
#53
t-1,3-Dichloropropene
Concen: 48.919 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion: 75 Resp: 139640
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6

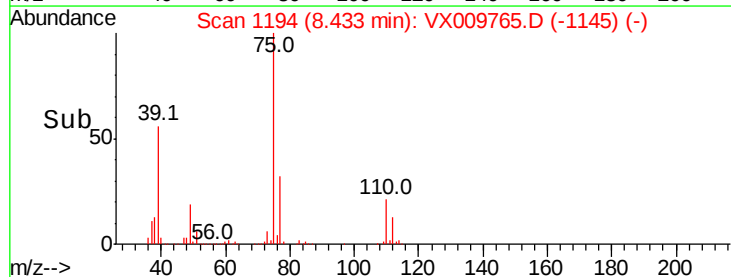
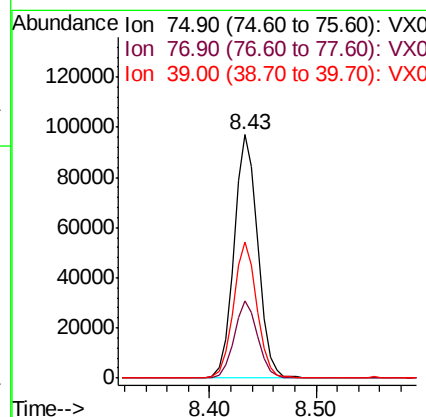
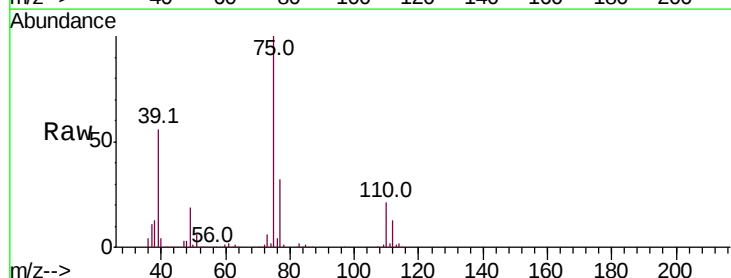
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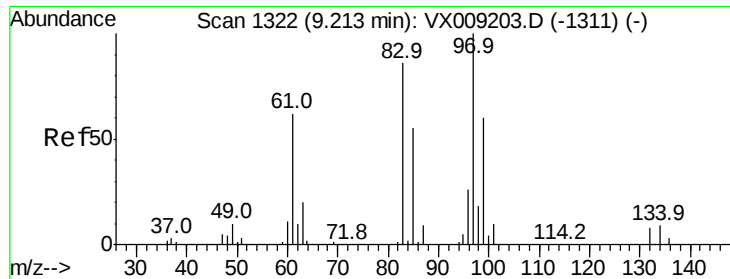
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#54
cis-1,3-Dichloropropene
Concen: 48.120 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion: 75 Resp: 152038
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 55.7 40.6 60.8





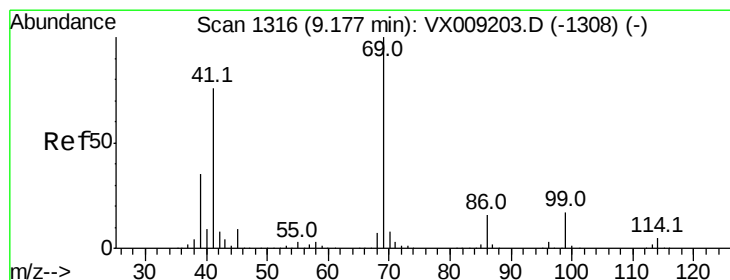
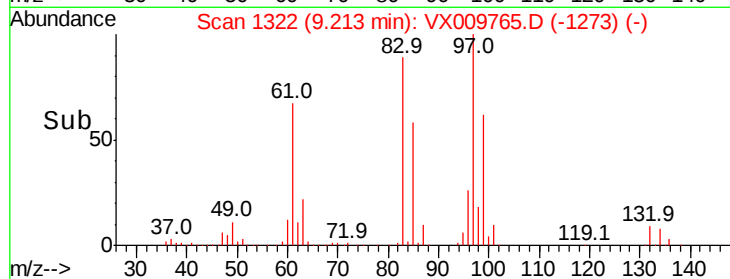
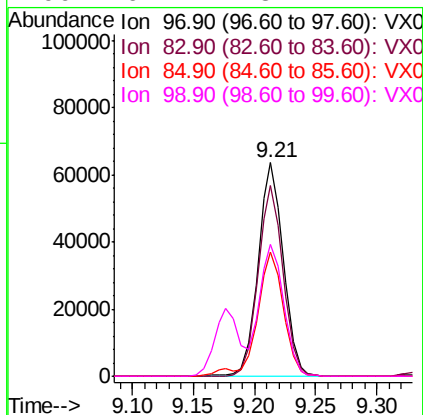
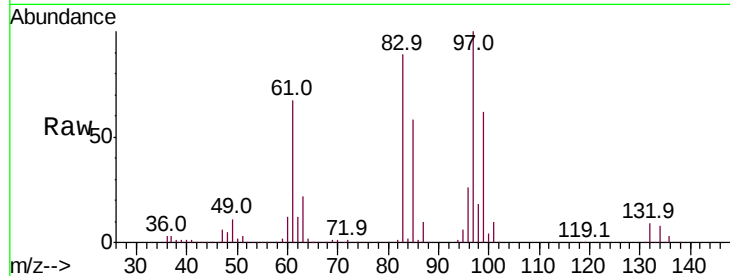
#55
 1,1,2-Trichloroethane
 Concen: 47.980 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion:	97	Resp:	91720
Ion	Ratio	Lower	Upper
97	100		
83	89.1	68.9	103.3
85	58.0	43.8	65.6
99	61.4	48.2	72.2

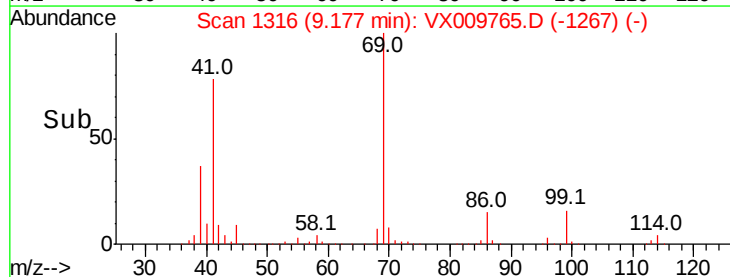
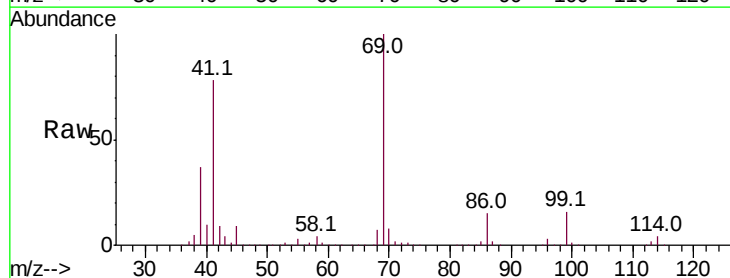
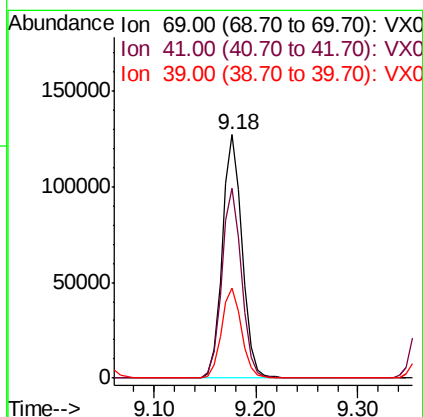
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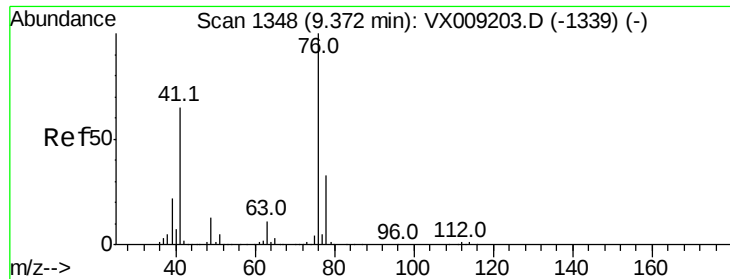
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#56
 Ethyl methacrylate
 Concen: 50.284 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion:	69	Resp:	171588
Ion	Ratio	Lower	Upper
69	100		
41	77.9	60.6	90.8
39	37.6	28.2	42.4





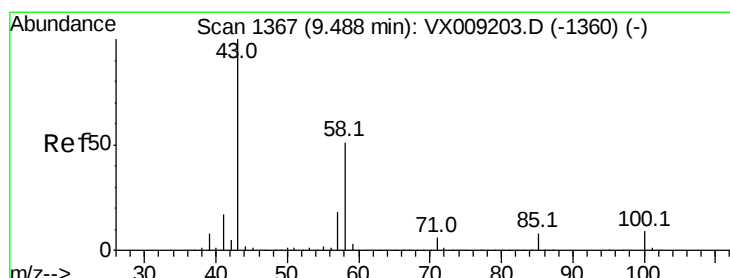
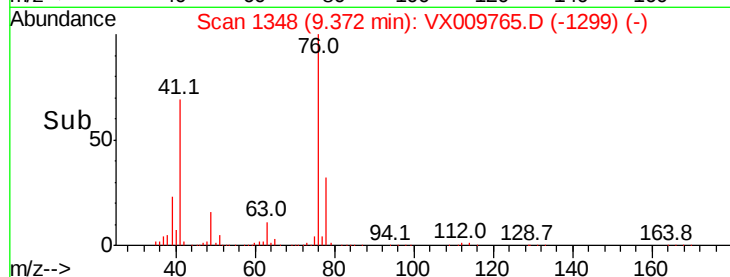
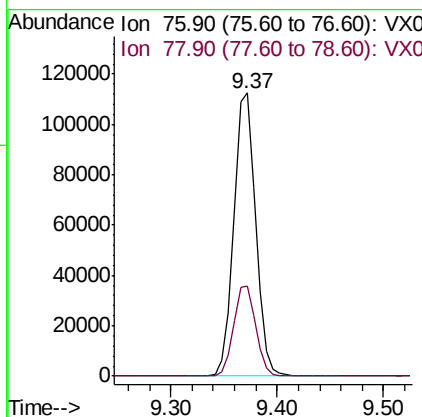
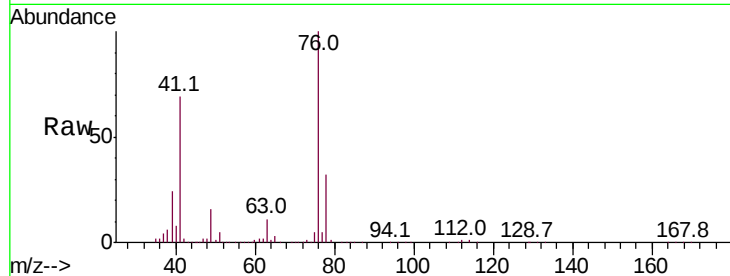
#57
 1,3-Dichloropropane
 Concen: 48.403 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.5	38.3

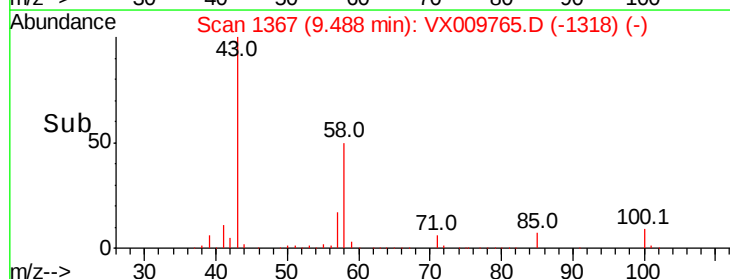
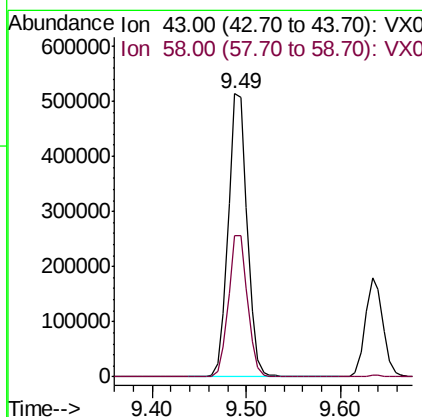
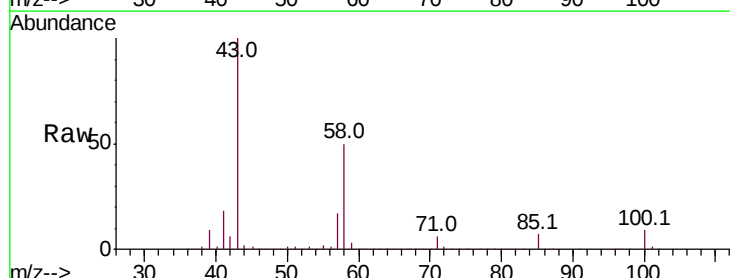
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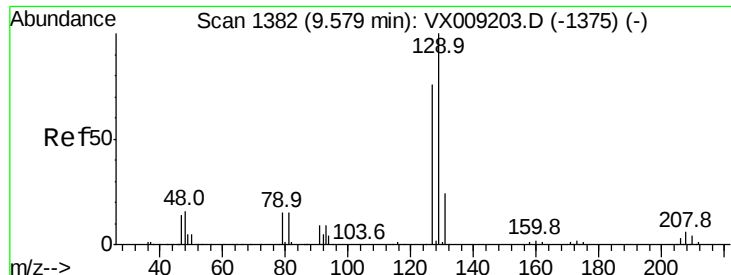
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#59
 2-Hexanone
 Concen: 251.162 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.3	25.9	77.7





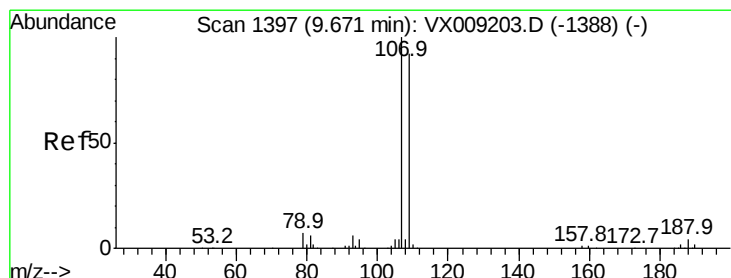
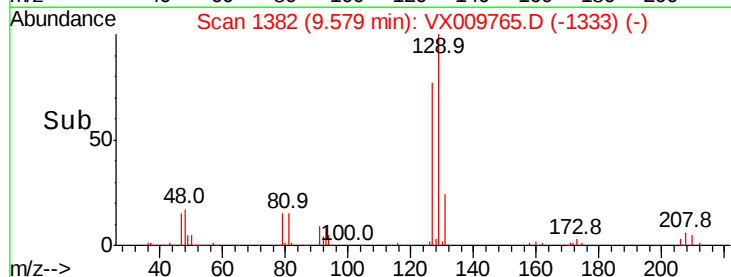
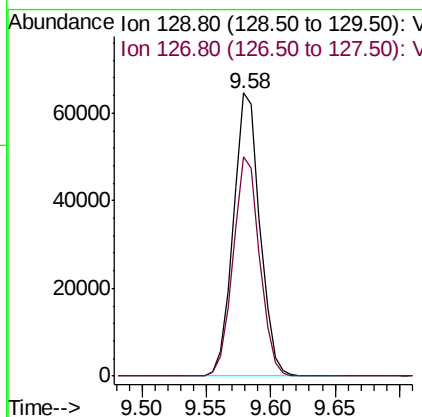
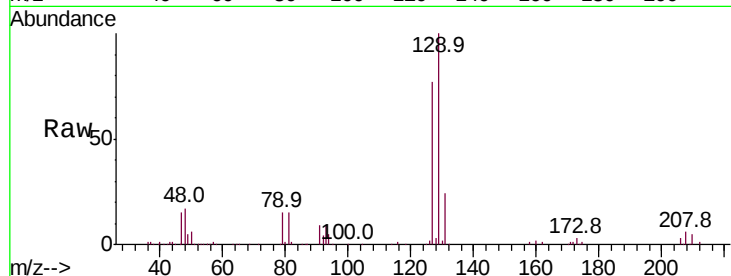
#60
 Dibromochloromethane
 Concen: 49.709 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.4	115.1

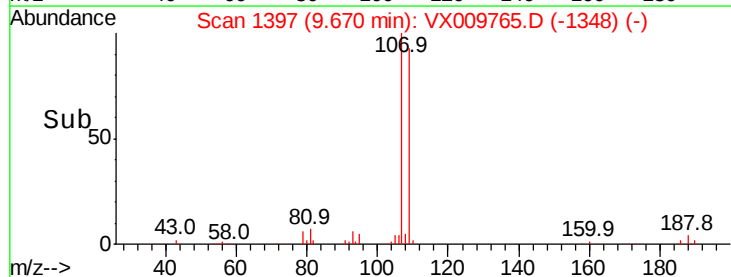
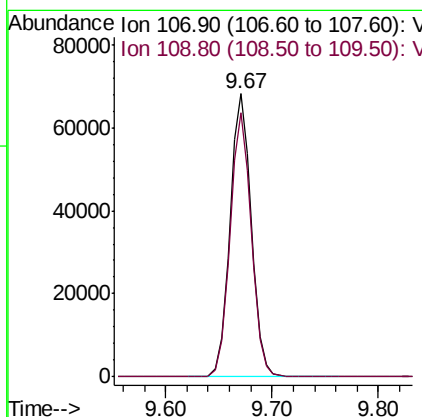
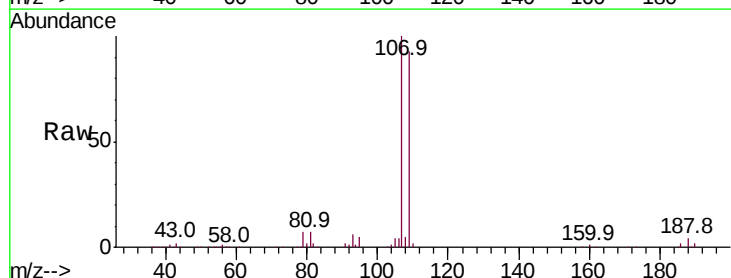
Manual Integrations
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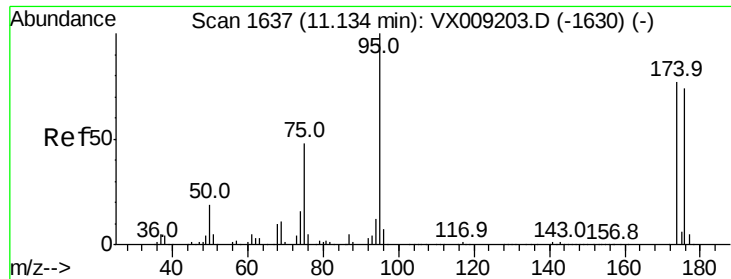
MMDadoda
 5/22/2019 10:39:51 AM



#61
 1,2-Dibromoethane
 Concen: 49.385 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.2	112.8





#62

4-Bromofluorobenzene

Concen: 43.326 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

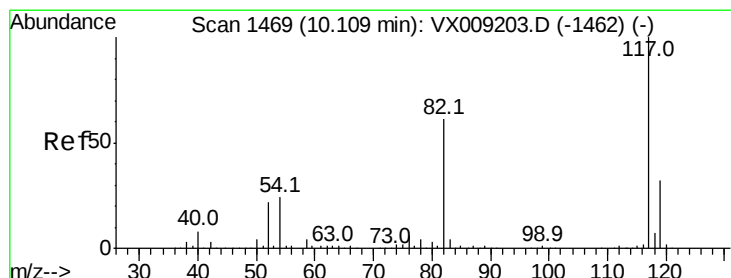
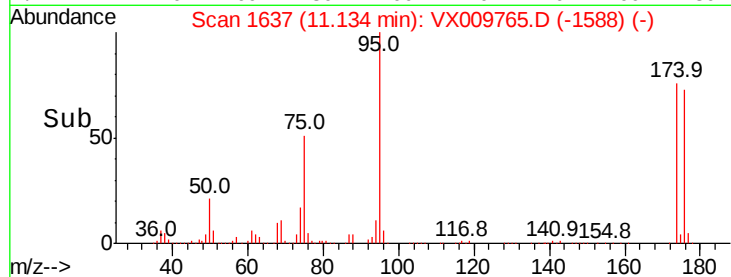
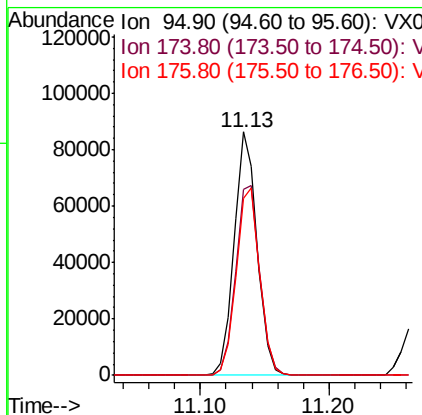
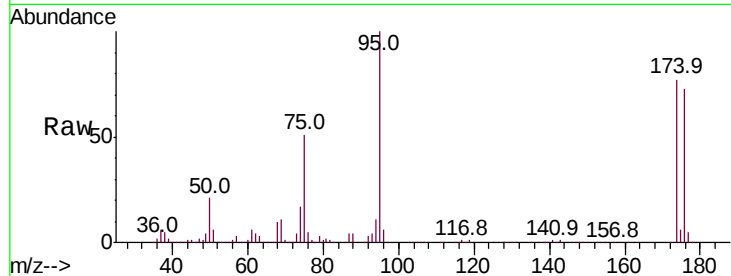
ClientSampleId :

S36-0153MSD

Tot Ion	95	Resp	107087
Ion Ratio	100	Lower	Upper
95	100		
174	81.5	0.0	161.6
176	78.9	0.0	159.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

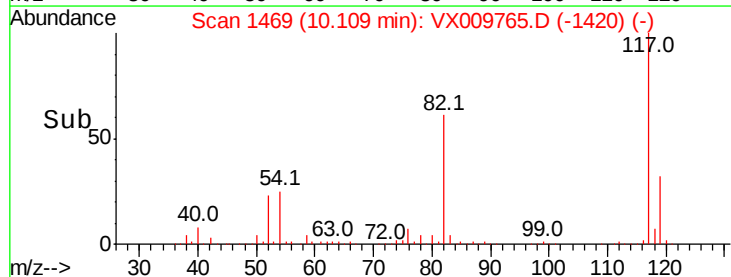
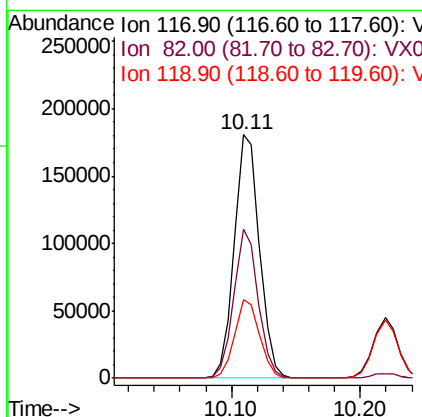
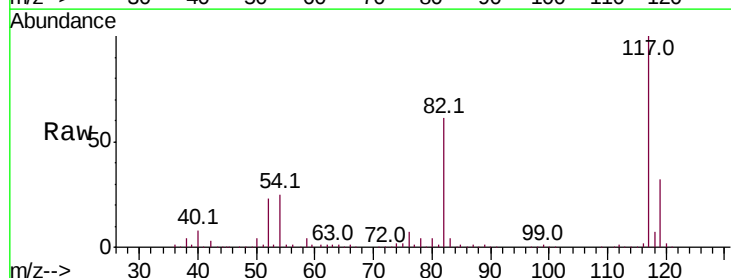
RT: 10.11 min Scan# 1469

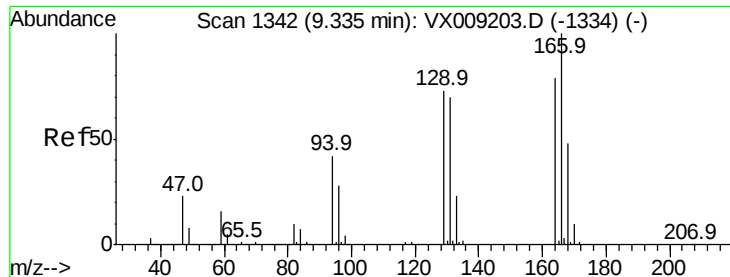
Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Tgt Ion	117	Resp	246962
Ion Ratio	100	Lower	Upper
117	100		
82	61.1	48.8	73.2
119	32.2	25.8	38.6





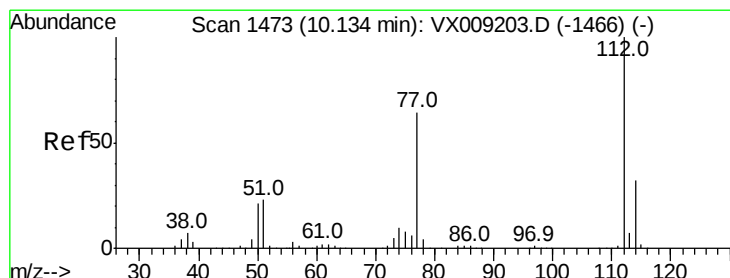
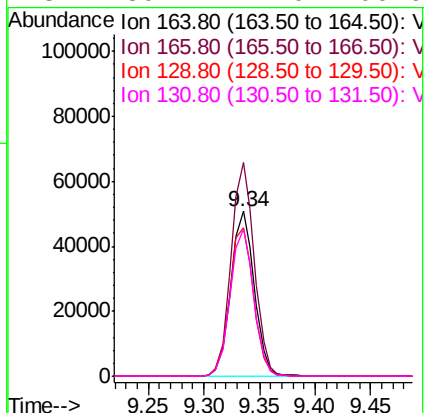
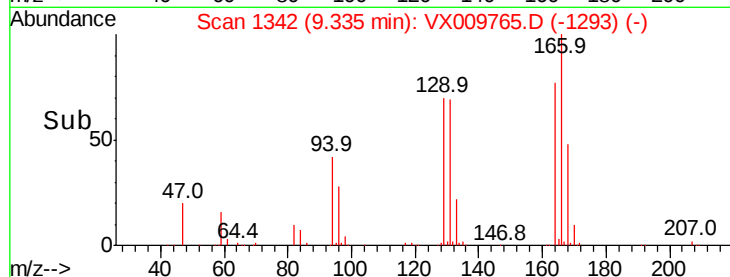
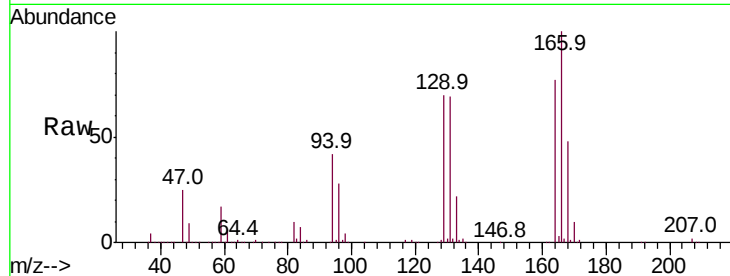
#64
 Tetrachloroethene
 Concen: 43.740 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion:	164	Resp:	74098
Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.2	151.8
129	90.4	74.3	111.5
131	89.4	71.0	106.6

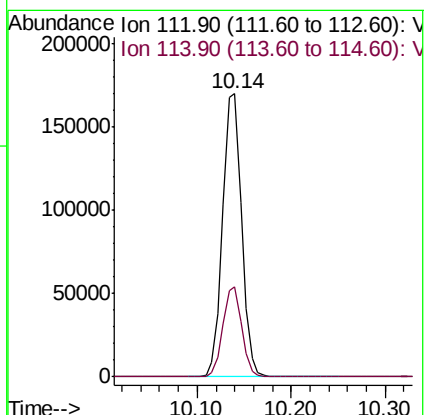
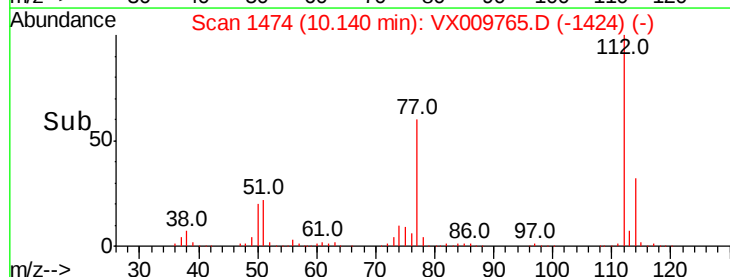
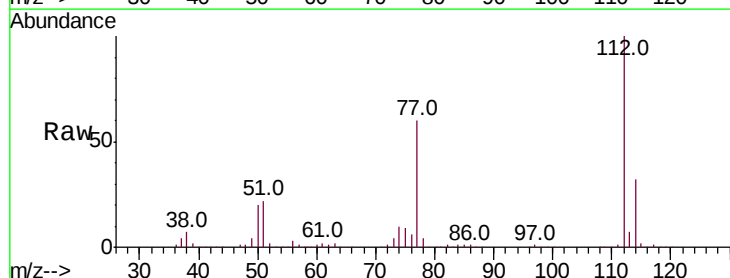
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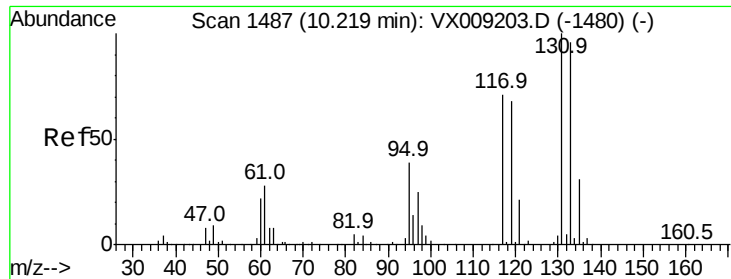
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#65
 Chlorobenzene
 Concen: 48.387 ug/l
 RT: 10.14 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion:	112	Resp:	239049
Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.5	38.3





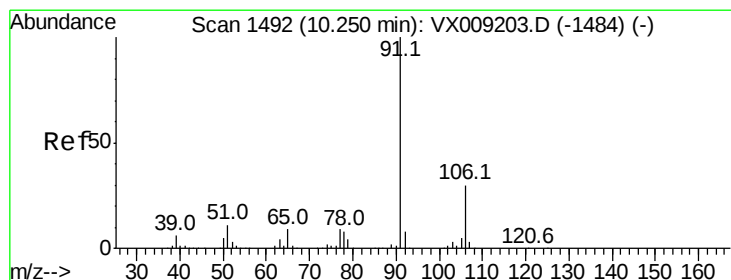
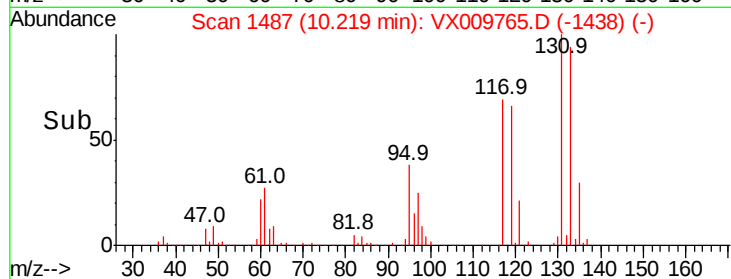
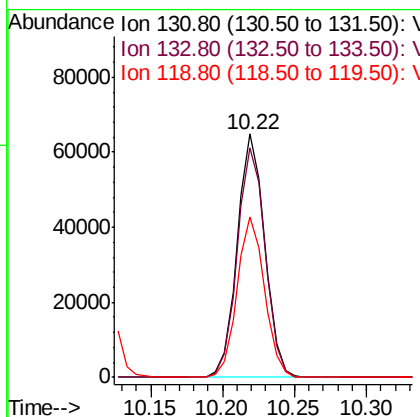
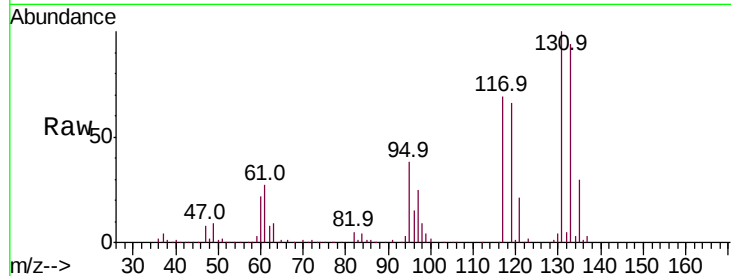
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.169 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.7	143.1
119	65.7	33.5	100.4

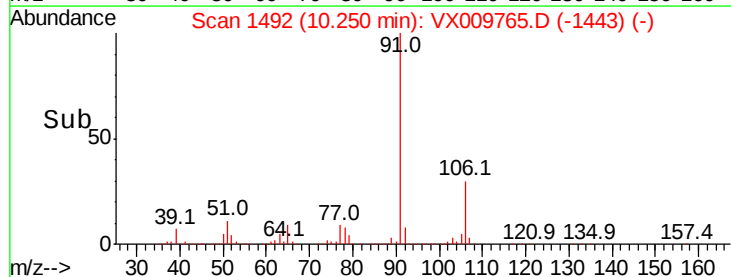
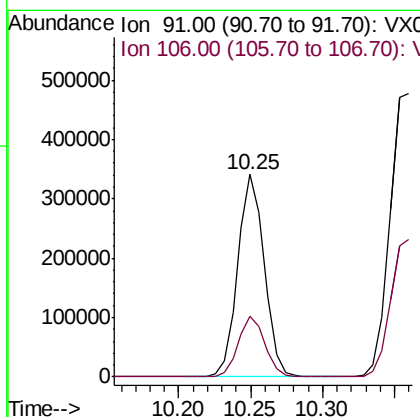
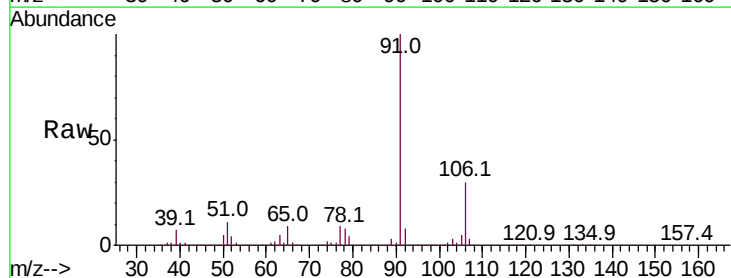
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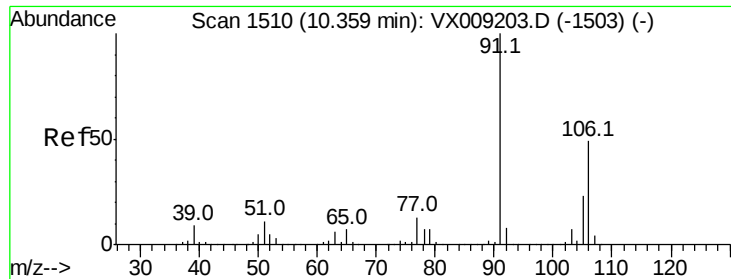
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#67
 Ethyl Benzene
 Concen: 48.073 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.0	36.0





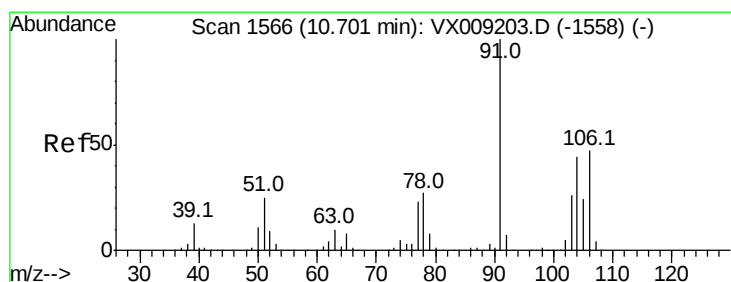
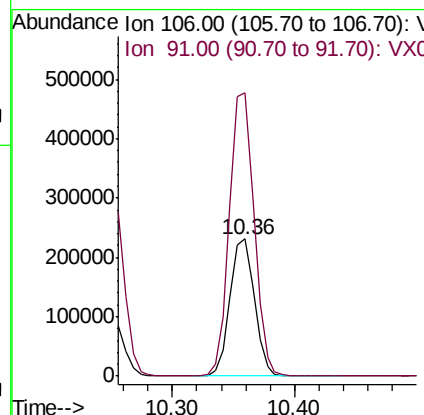
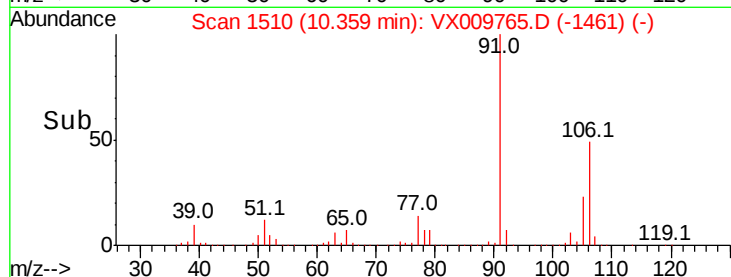
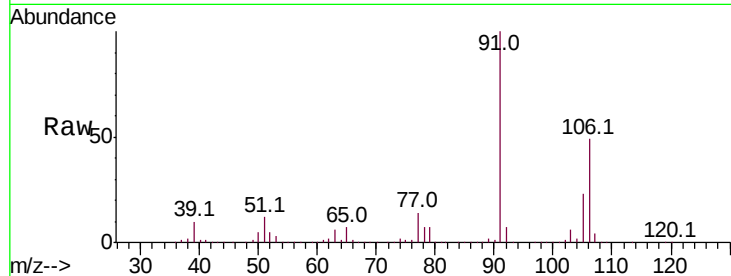
#68
m/p-Xylenes
Concen: 96.466 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampled :
S36-0153MSD

Tot Ion:106 Resp: 320512
Ion Ratio Lower Upper
106 100
91 208.6 164.0 246.0

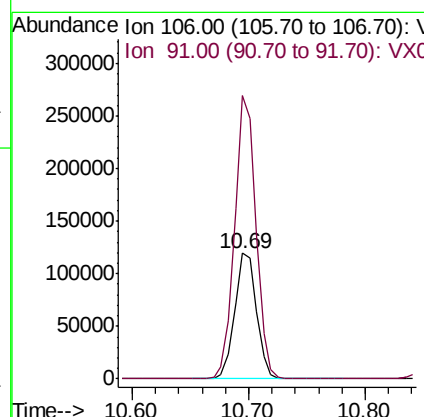
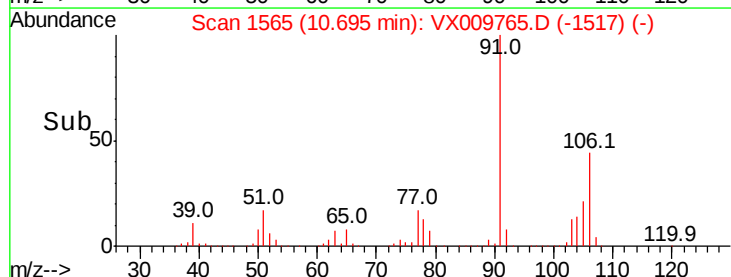
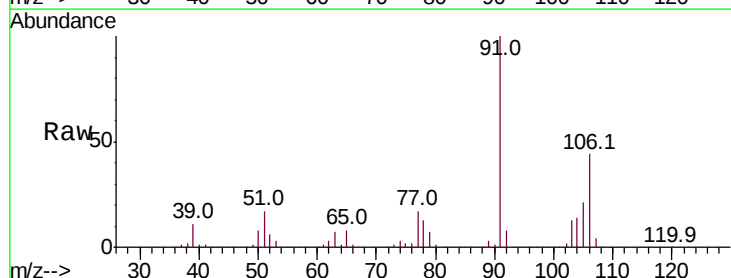
Manual Integrations
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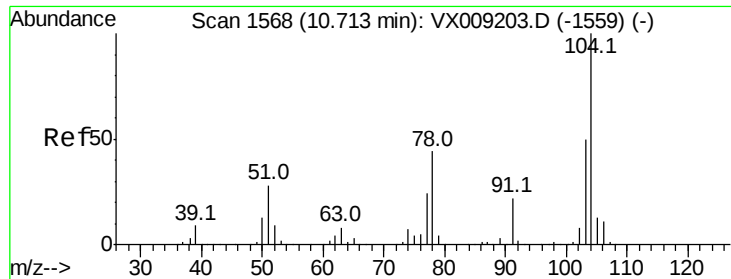
MMDadoda
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#69
o-Xylene
Concen: 47.569 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion:106 Resp: 155939
Ion Ratio Lower Upper
106 100
91 220.4 109.5 328.4





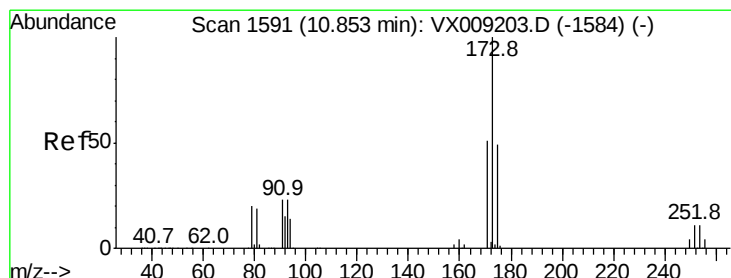
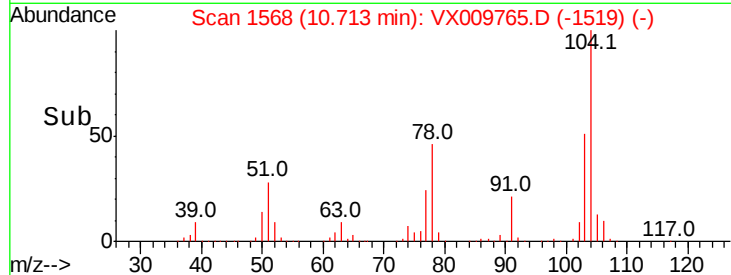
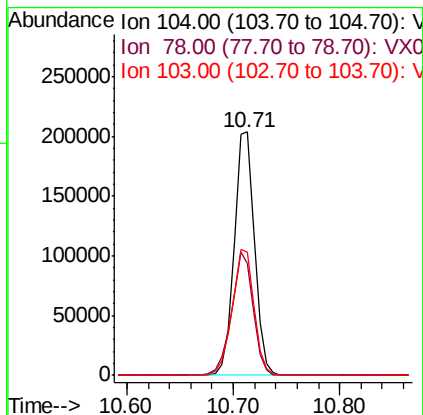
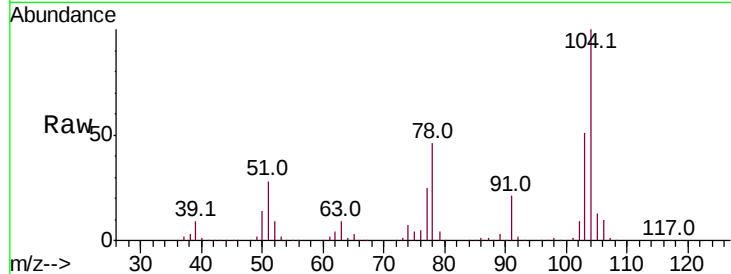
#70
Stvrene
Concen: 47.952 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampled :
S36-0153MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.3	41.0	61.4
103	55.9	43.8	65.6

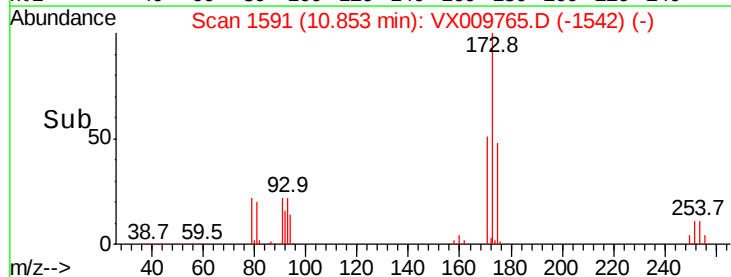
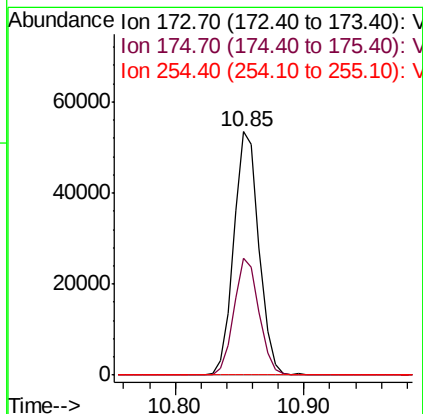
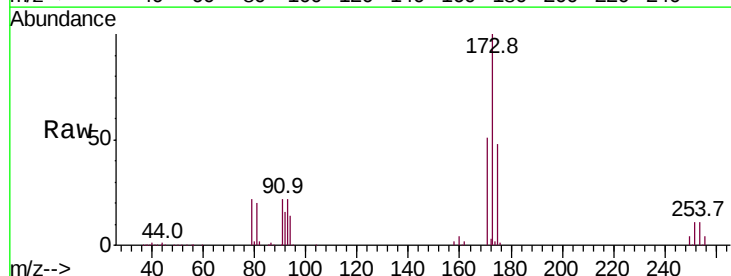
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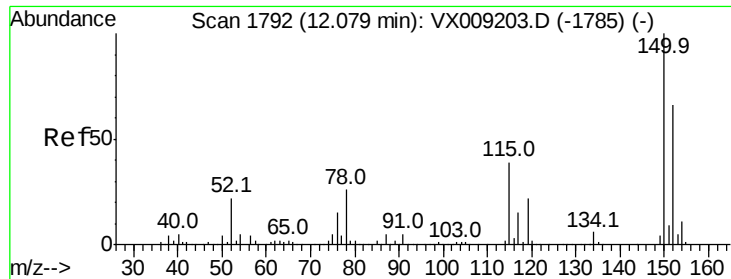
MMDadoda
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#71
Bromoform
Concen: 49.897 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.5	73.5
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion:152 Resp: 117894

Ion Ratio Lower Upper

152 100

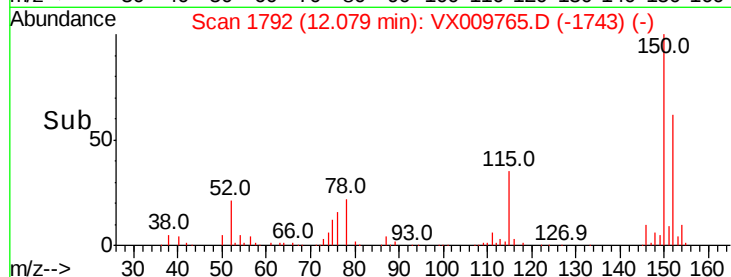
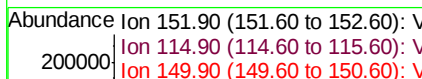
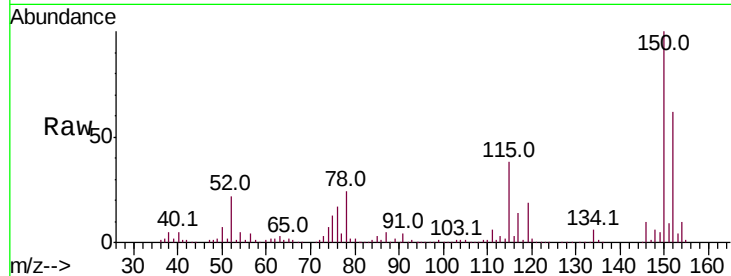
115 82.2 41.2 123.6

150 175.8 0.0 346.4

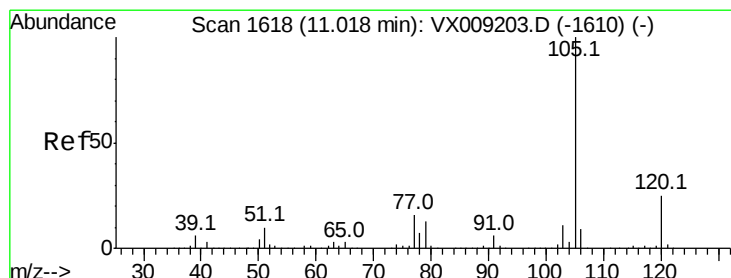
Manual Integrations
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Time-->



#73

Isopropylbenzene

Concen: 48.714 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009765.D

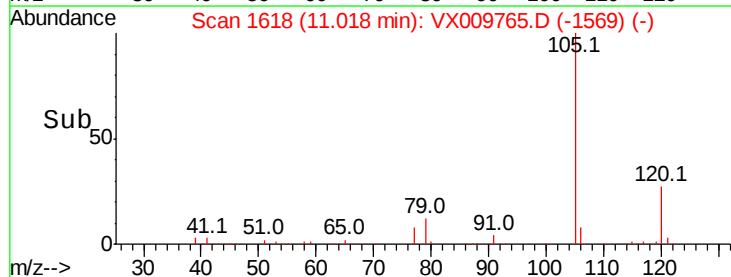
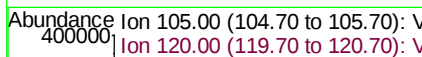
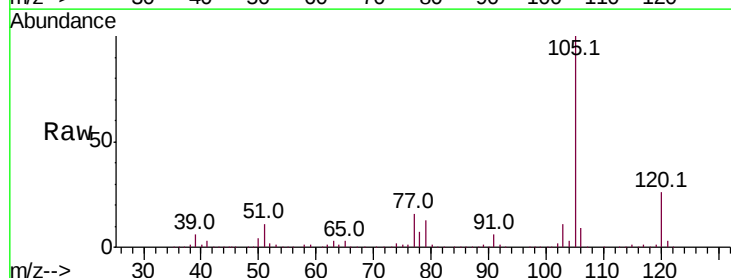
Acq: 21 May 2019 22:01

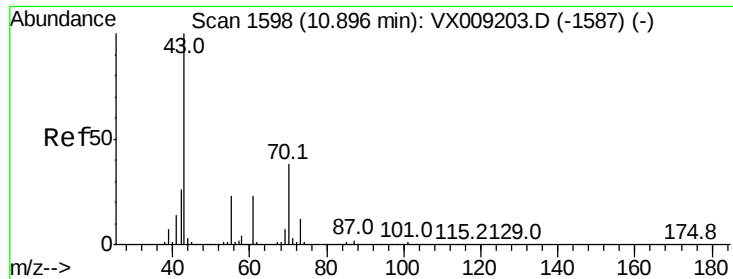
Tgt Ion:105 Resp: 417628

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3





#74

N-amvl acetate

Concen: 44.727 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

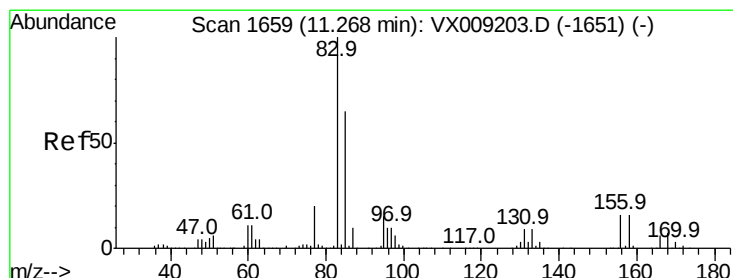
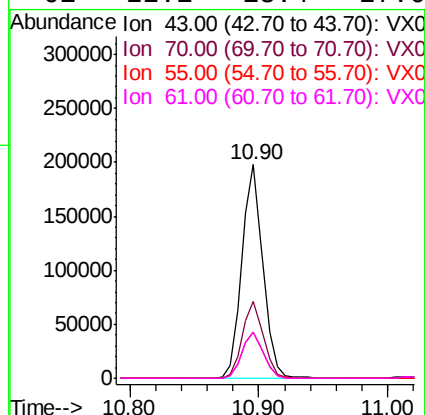
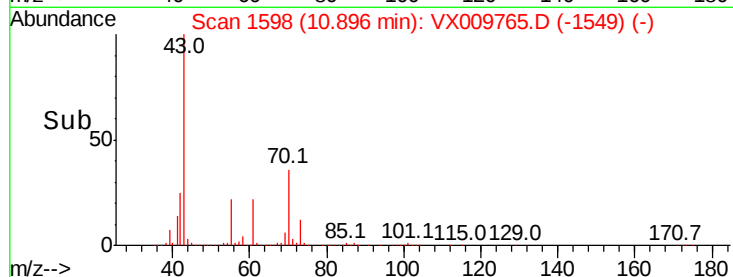
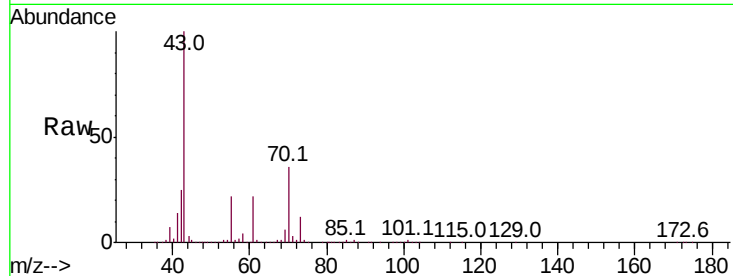
ClientSampleId :

S36-0153MSD

Tot Ion	43	Resp	22357
Ion Ratio	Lower	Upper	
43	100		
70	36.0	30.0	45.0
55	22.6	17.9	26.9
61	22.1	18.4	27.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 48.099 ug/l

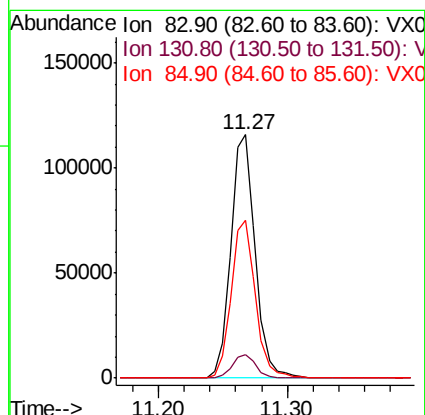
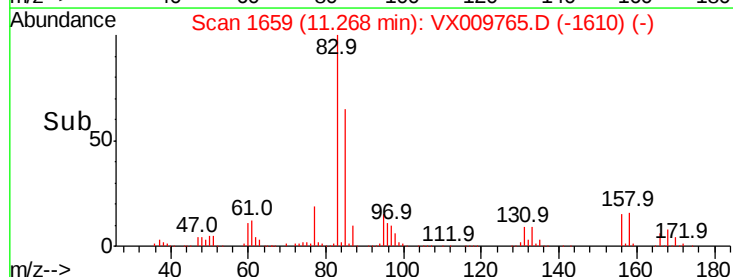
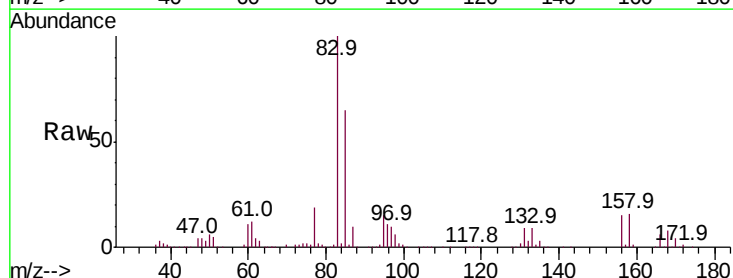
RT: 11.27 min Scan# 1659

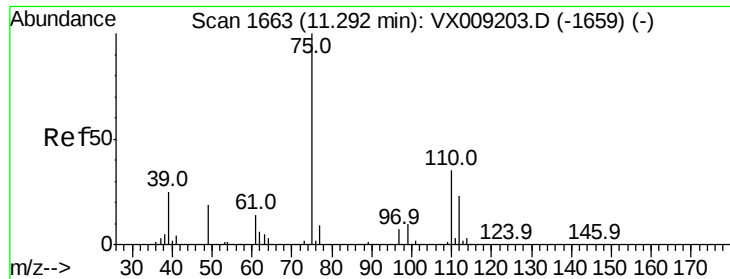
Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Tgt Ion	83	Resp	153721
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.6	13.8
85	64.6	32.0	96.2





#76

1,2,3-Trichloropropane

Concen: 49.044 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion: 75 Resp: 134122

Ion Ratio Lower Upper

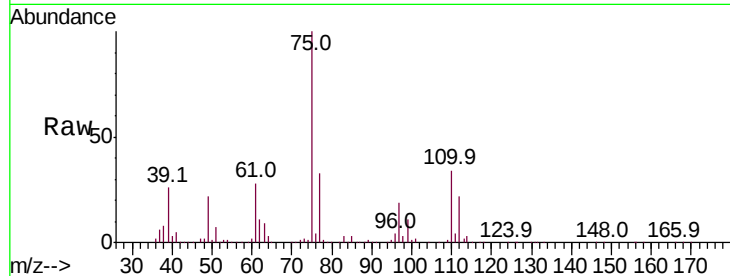
75 100

77 42.7 22.1 66.1

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

150000

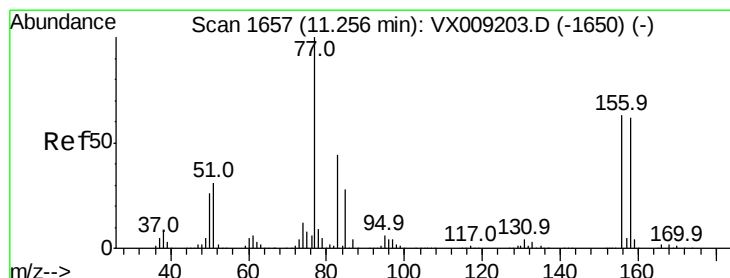
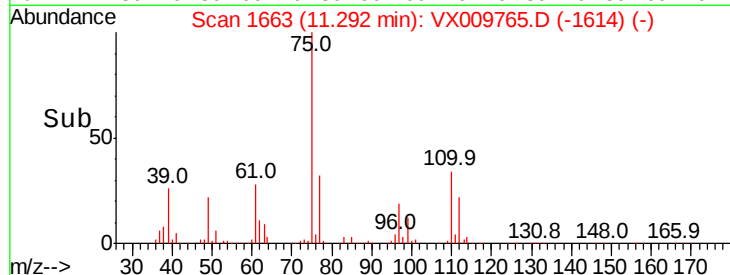
100000

50000

0

11.26 11.28 11.30

Time-->



#77

Bromobenzene

Concen: 48.749 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

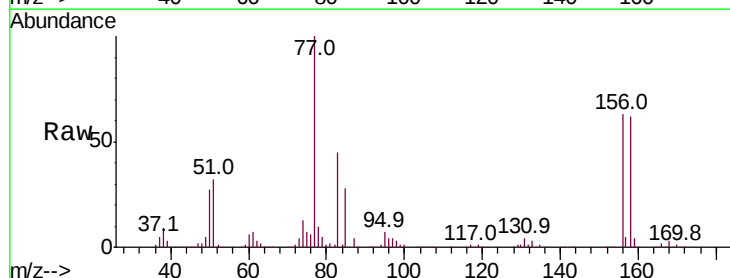
Tgt Ion:156 Resp: 103733

Ion Ratio Lower Upper

156 100

77 170.7 84.8 254.3

158 97.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

150000

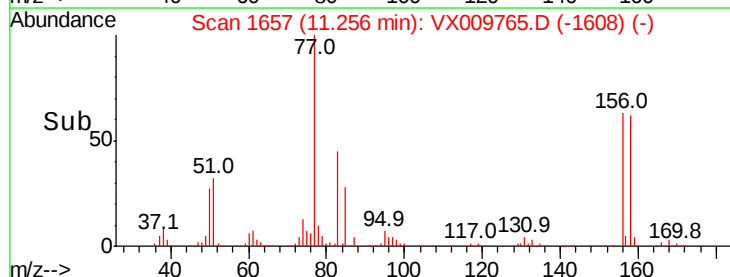
100000

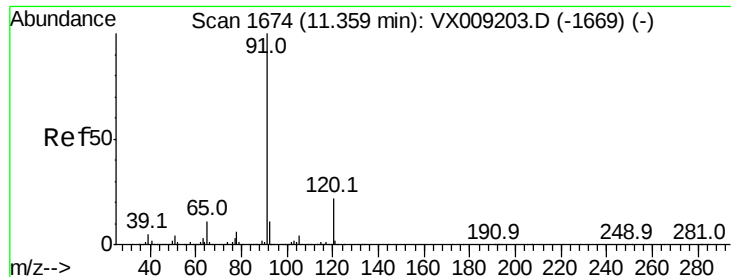
50000

0

11.20 11.26 11.30

Time-->





#78

n-propylbenzene

Concen: 49.225 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion: 91 Resp: 481960

Ion Ratio Lower Upper

91 100

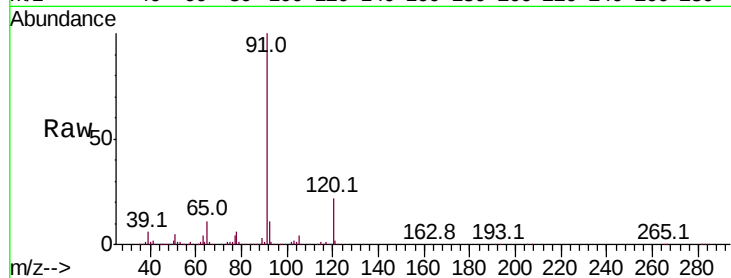
120 22.1 11.0 33.0

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

400000

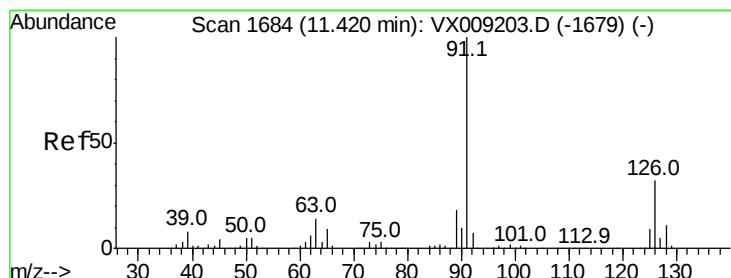
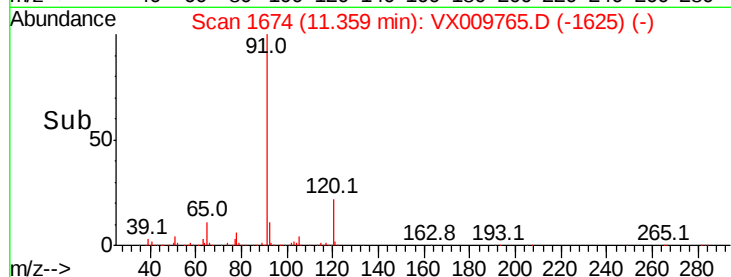
300000

200000

100000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 47.530 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009765.D

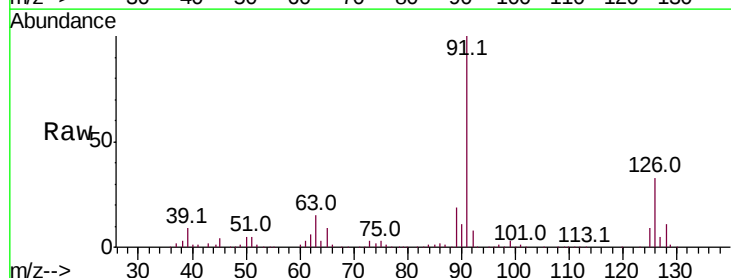
Acq: 21 May 2019 22:01

Tgt Ion: 91 Resp: 287108

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

400000

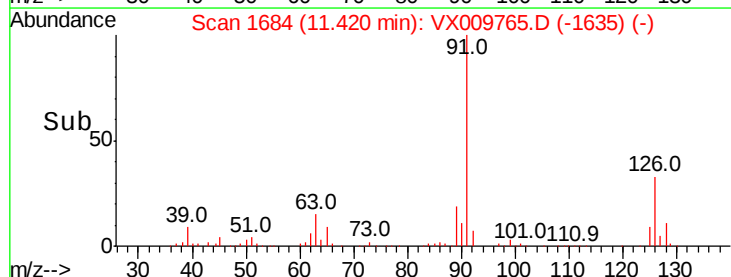
300000

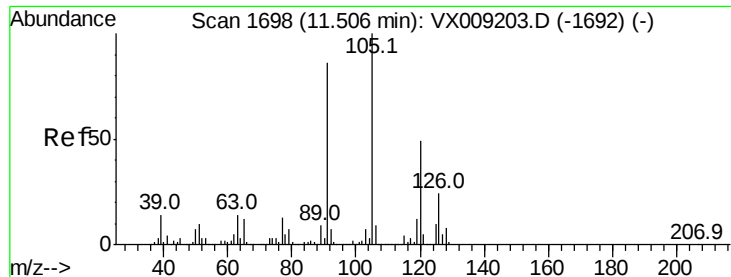
200000

100000

0

Time--> 11.40 11.45





#80

1,3,5-Trimethylbenzene

Concen: 48.958 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MSD

Tot Ion:105 Resp: 353410

Ion Ratio Lower Upper

105 100

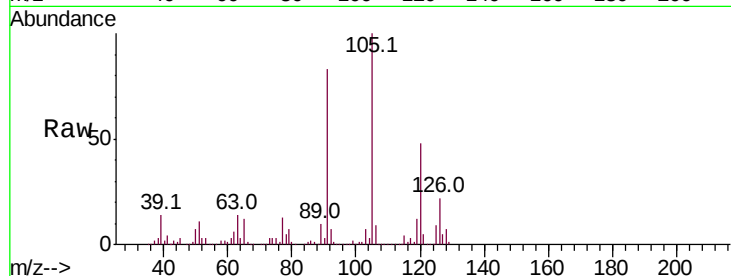
120 47.9 24.3 72.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

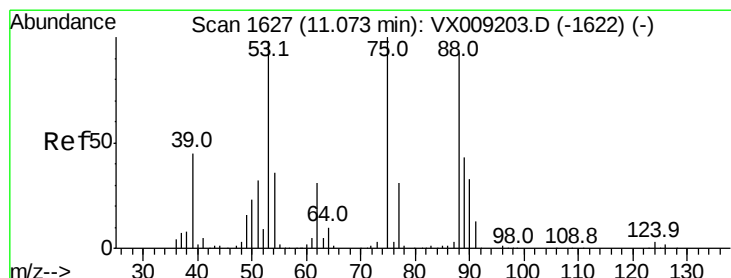
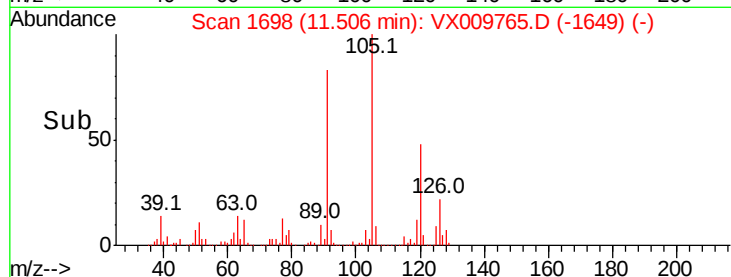
200000

100000

0

11.45 11.50 11.55

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 46.614 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

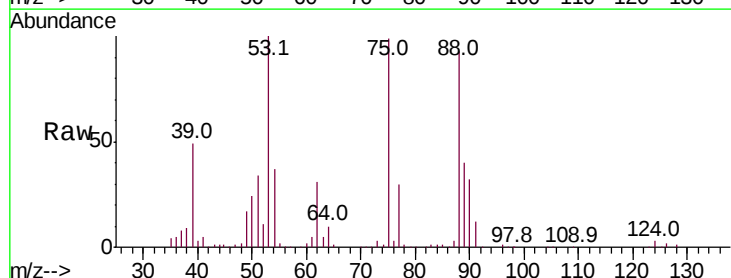
Tgt Ion: 75 Resp: 49822

Ion Ratio Lower Upper

75 100

53 102.5 79.0 118.6

89 42.1 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

60000

50000

40000

30000

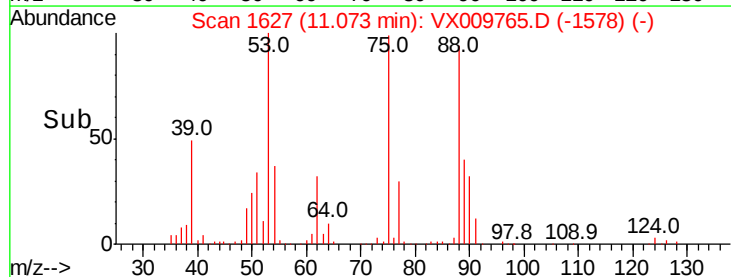
20000

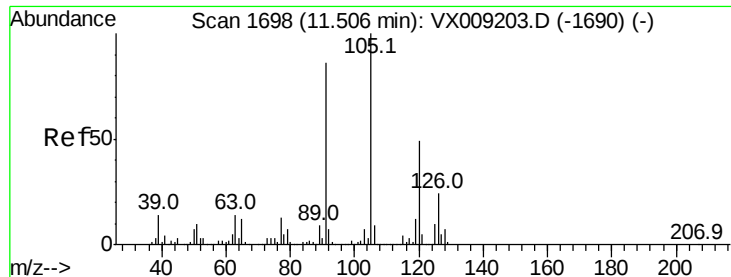
10000

0

11.05 11.10

Time-->





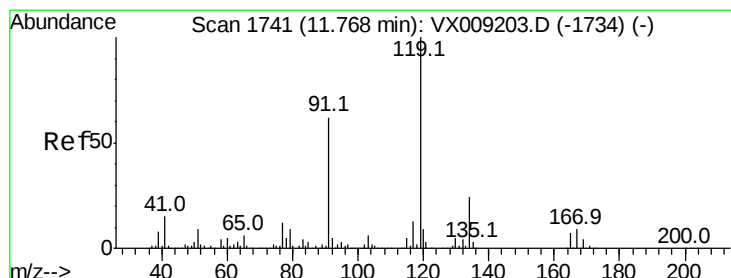
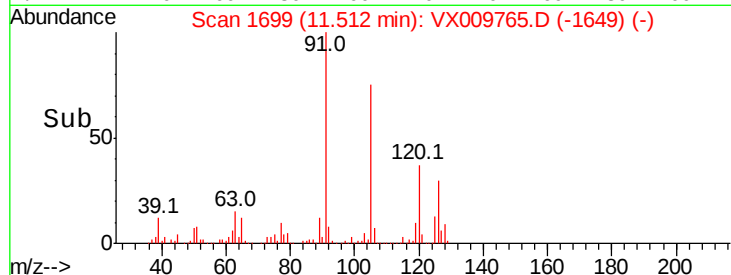
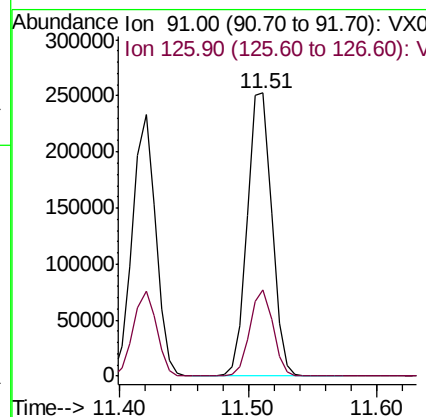
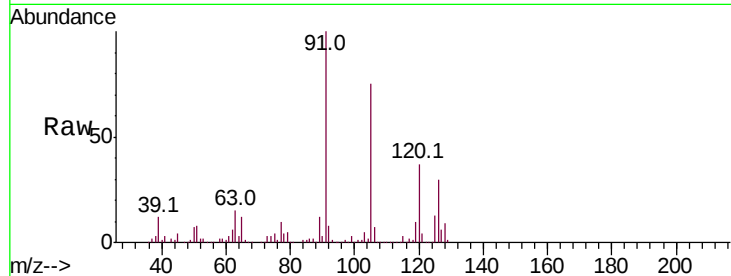
#82
4-Chlorotoluene
Concen: 48.606 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampled :
S36-0153MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.5	43.6

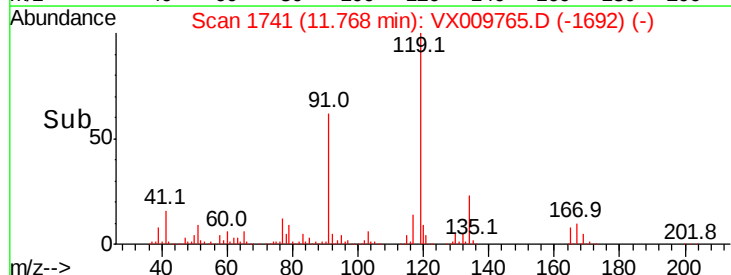
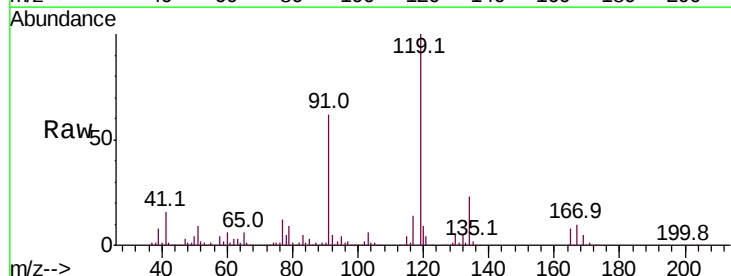
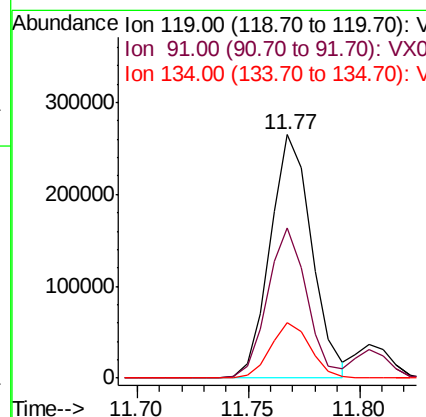
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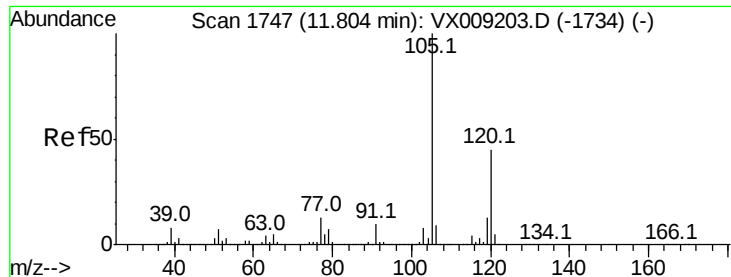
MMDadoda
5/22/2019 10:39:51 AM



#83
tert-Butylbenzene
Concen: 48.917 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.5	88.5
134	21.8	11.4	34.1





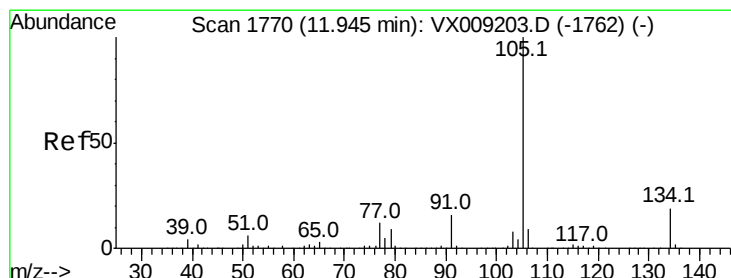
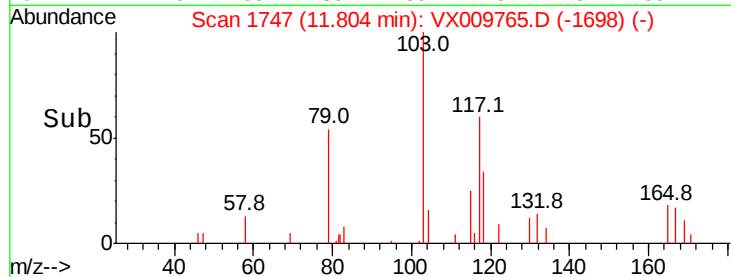
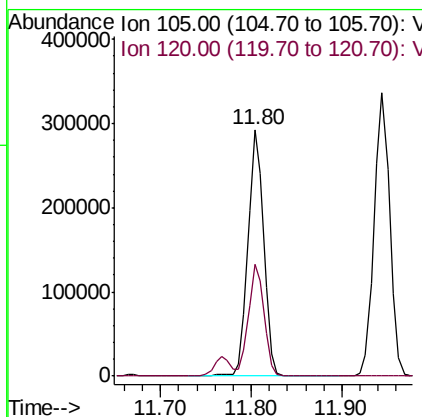
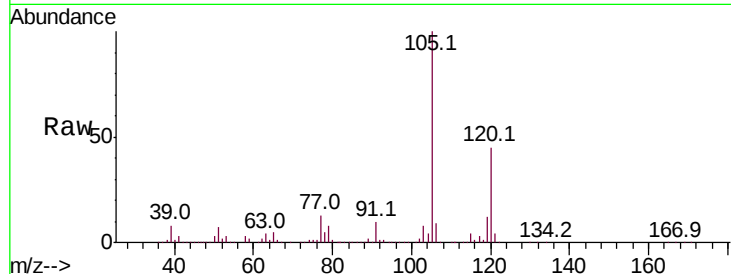
#84
 1,2,4-Trimethylbenzene
 Concen: 48.704 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.0	66.0

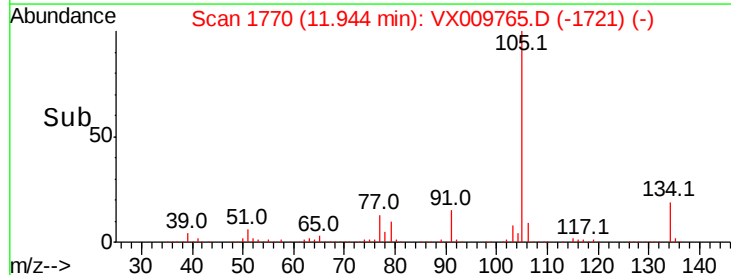
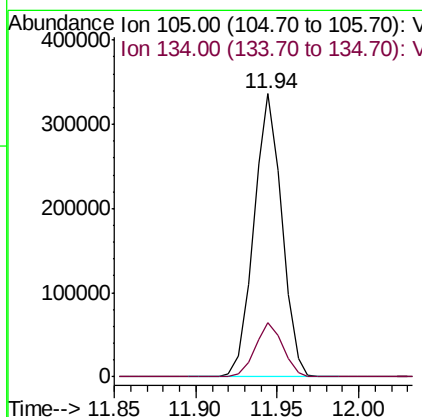
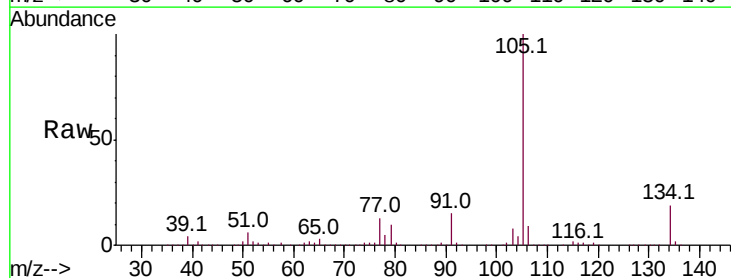
Manual Integrations
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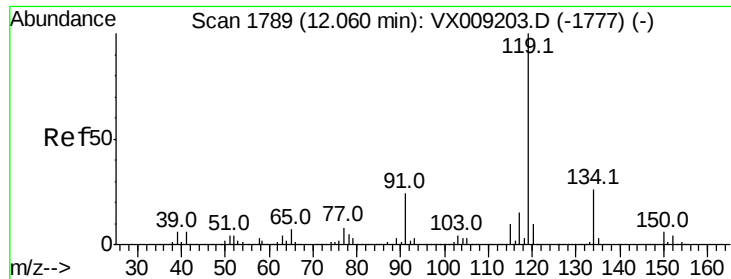
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 48.064 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	28.9





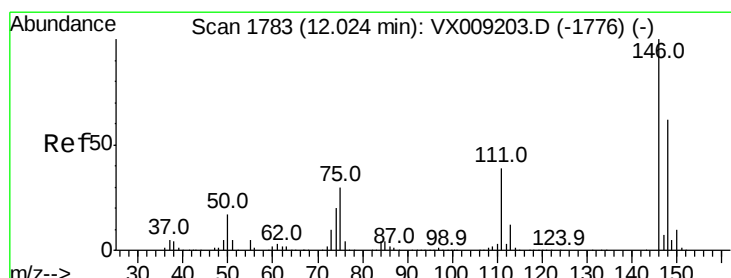
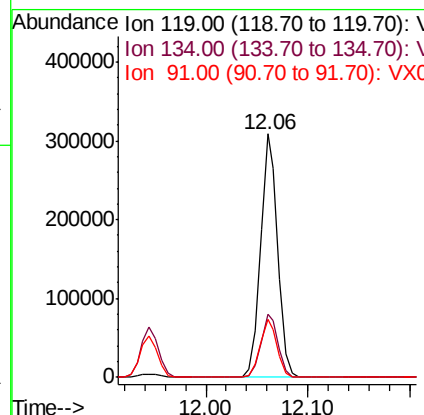
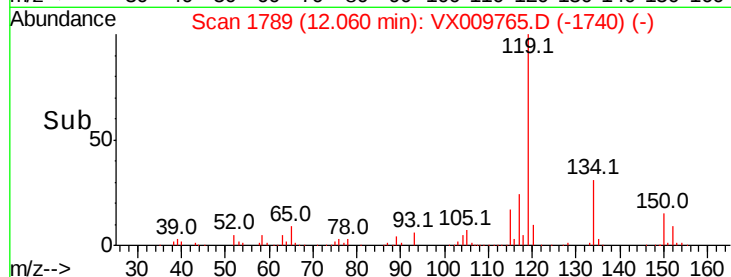
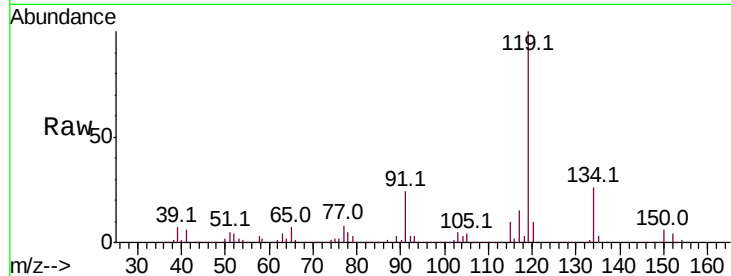
#86
 p-Isopropyltoluene
 Concen: 48.576 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	363564		
134	26.2	12.9	38.7	
91	23.6	11.8	35.4	

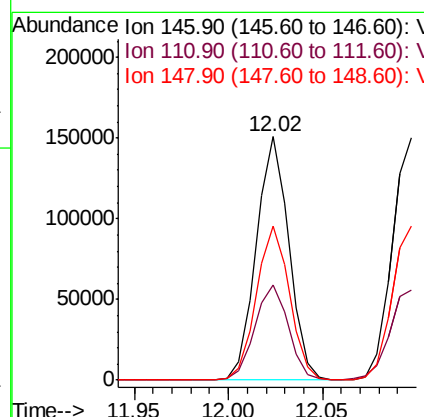
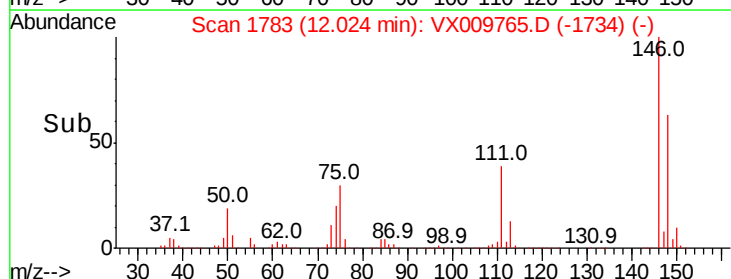
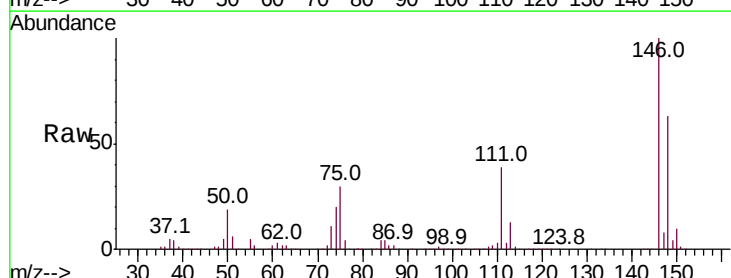
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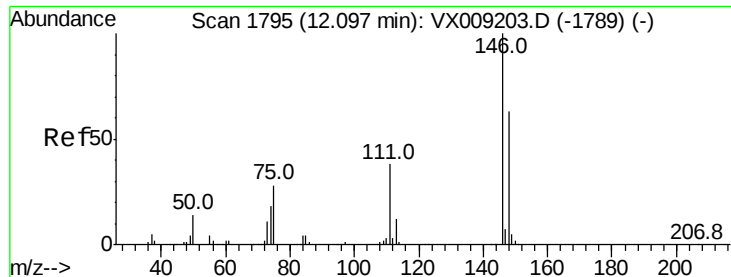
MMDadoda
 5/22/2019 10:39:51 AM



#87
 1,3-Dichlorobenzene
 Concen: 47.839 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181469		
111	40.2	20.0	59.9	
148	64.2	31.8	95.3	





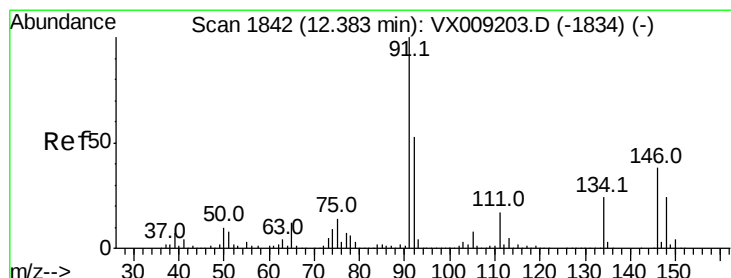
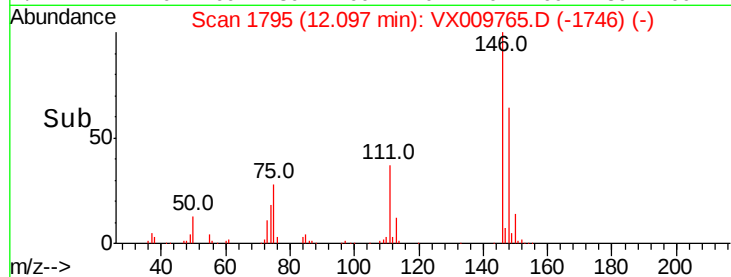
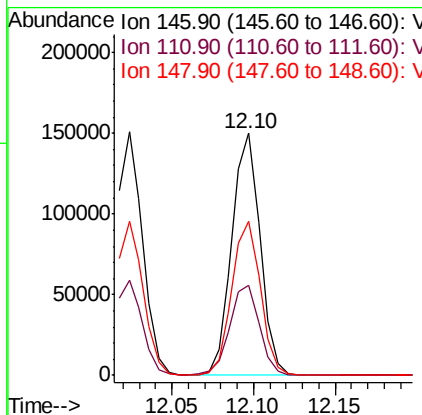
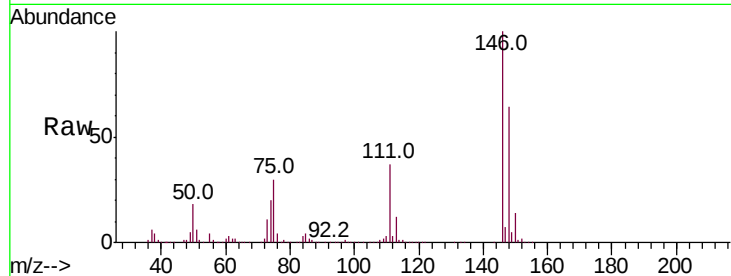
#88
 1,4-Dichlorobenzene
 Concen: 47.297 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	180882		
111	39.1	19.6	58.8	
148	64.5	31.8	95.3	

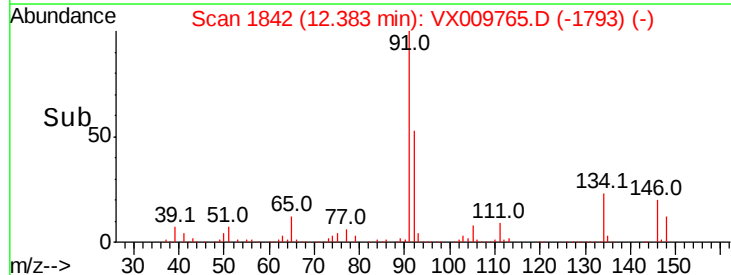
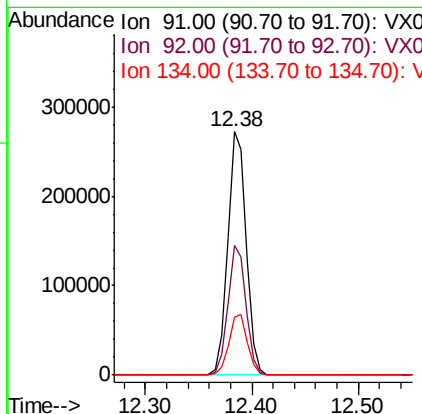
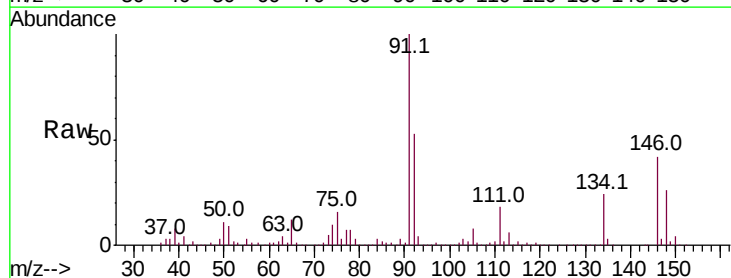
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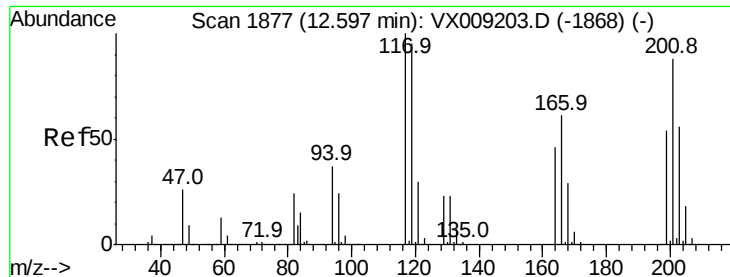
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 5/22/2019 10:39:51 AM



#89
 n-Butylbenzene
 Concen: 48.724 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	329606		
92	52.4	26.5	79.5	
134	24.9	12.4	37.2	





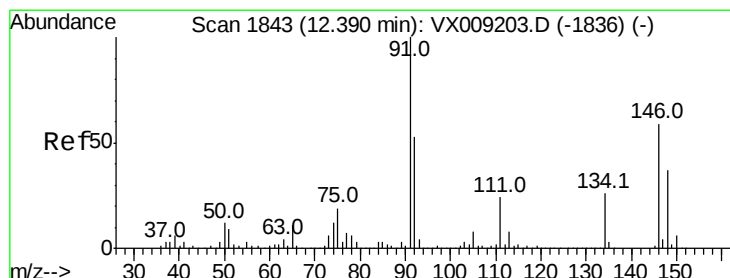
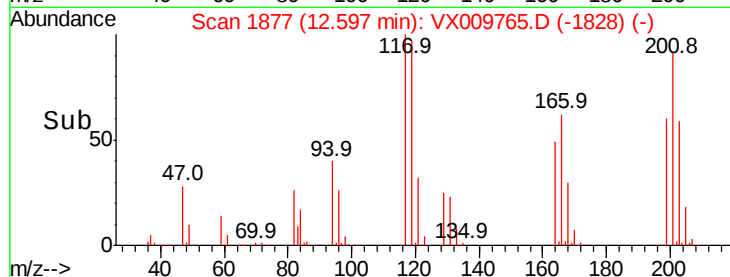
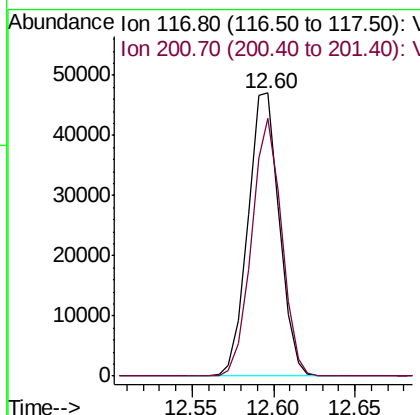
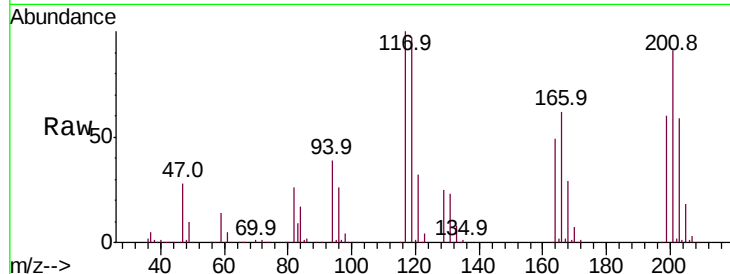
#90
Hexachloroethane
Concen: 49.711 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MSD

Tot Ion:117 Resp: 63386
Ion Ratio Lower Upper
117 100
201 86.5 42.3 126.9

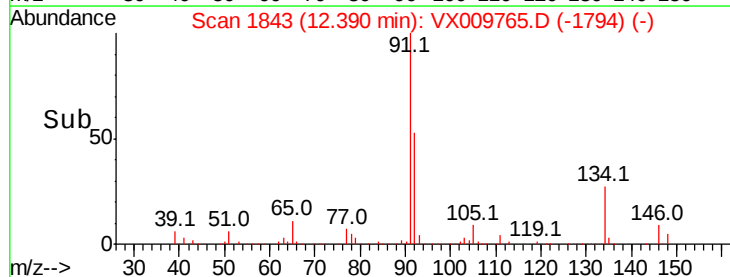
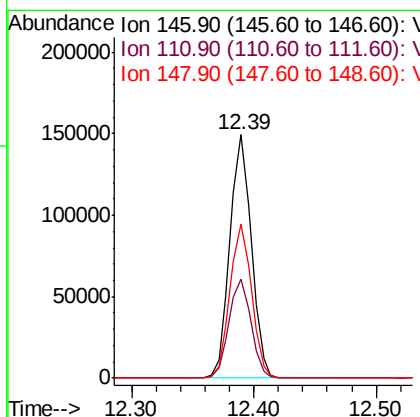
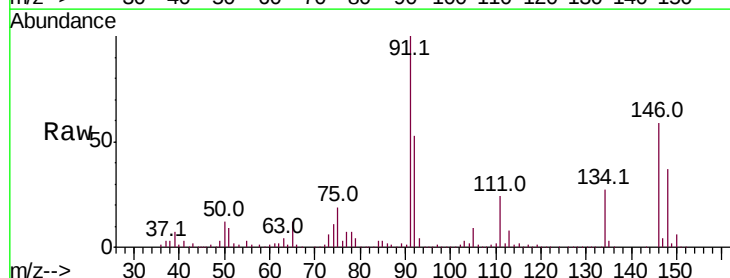
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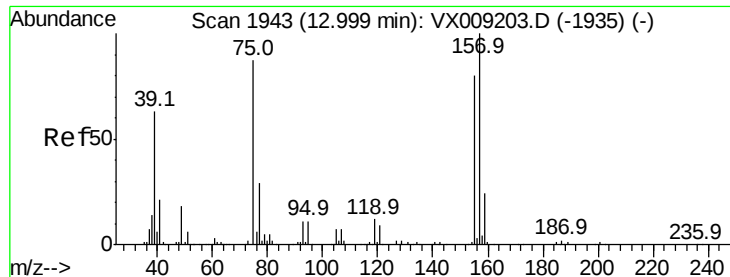
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5/22/2019 10:39:51 AM



#91
1,2-Dichlorobenzene
Concen: 46.784 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009765.D
Acq: 21 May 2019 22:01

Tgt Ion:146 Resp: 180759
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.4
148 63.8 31.9 95.9





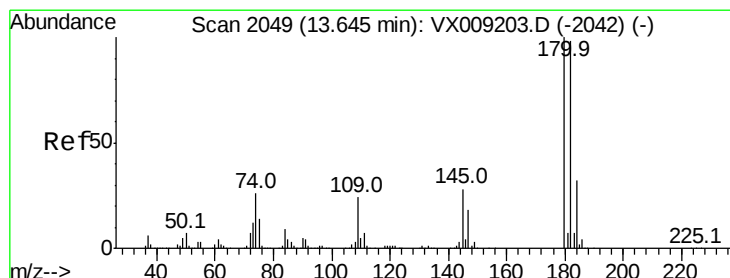
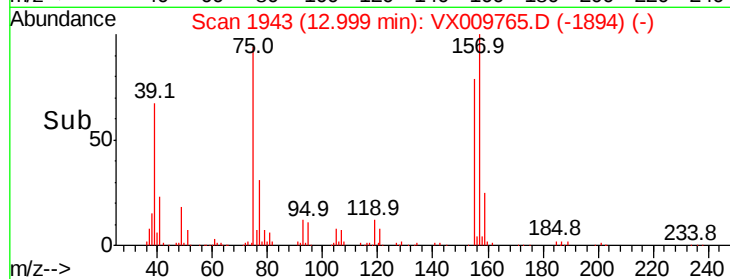
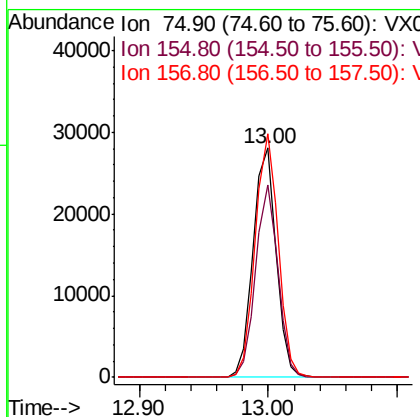
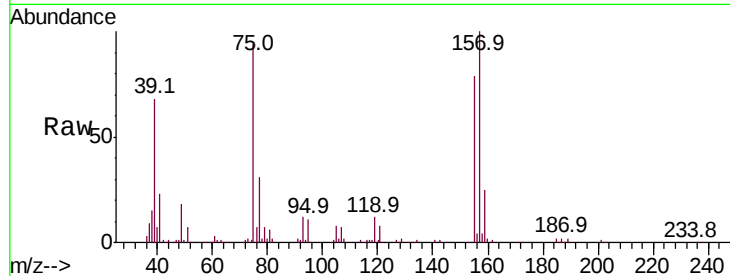
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.872 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	81.5	42.0	126.0
157	105.6	53.2	159.6

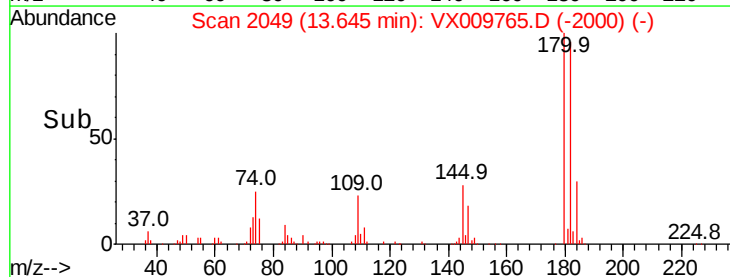
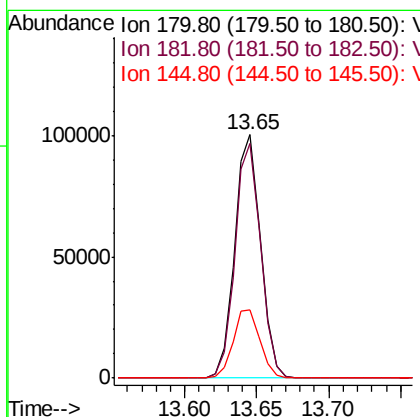
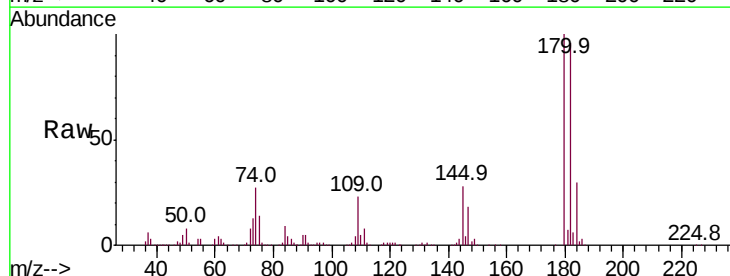
Manual Integrations
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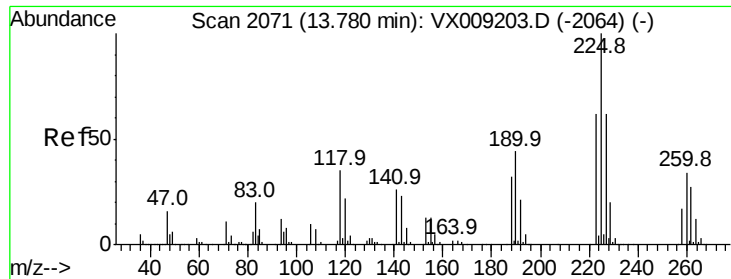
MMDadoda
 5/22/2019 10:39:51 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 47.562 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.2
145	29.3	14.6	43.8





#94

Hexachlorobutadiene

Concen: 47.481 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Instrument :

MSVOA_X

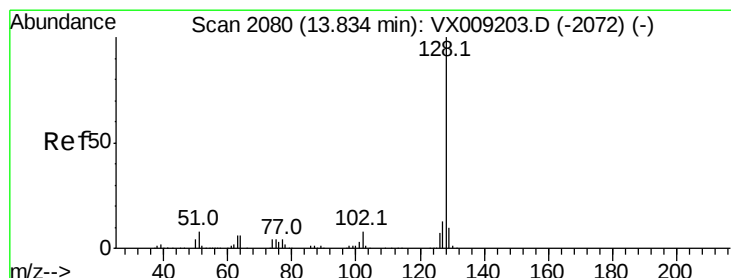
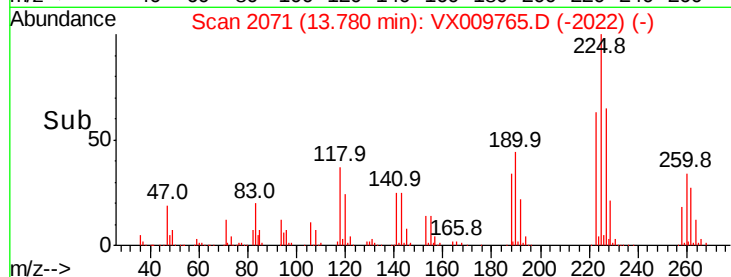
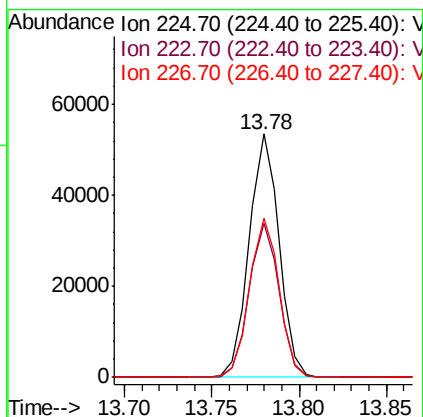
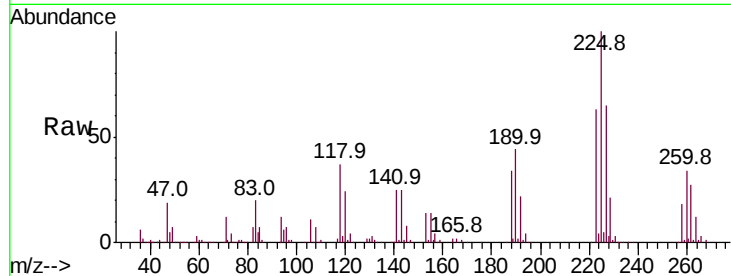
ClientSampleId :

S36-0153MSD

Tot Ion:	225	Resp:	64063
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.3	93.8
227	64.8	31.8	95.3

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#95

Naphthalene

Concen: 48.078 ug/l

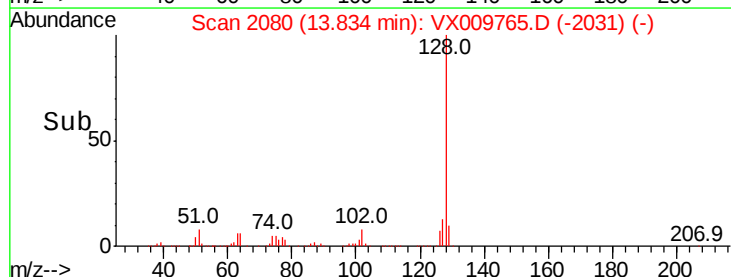
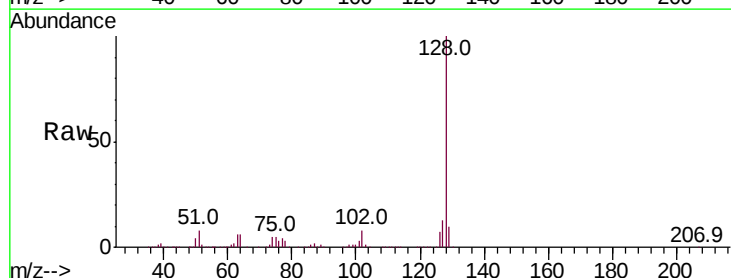
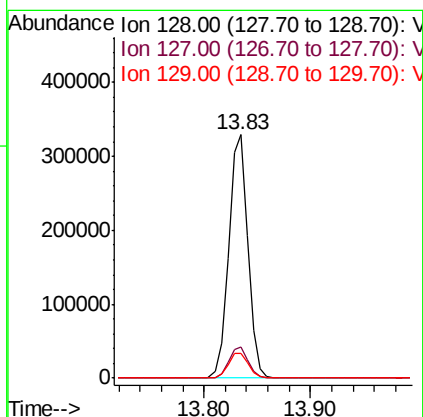
RT: 13.83 min Scan# 2080

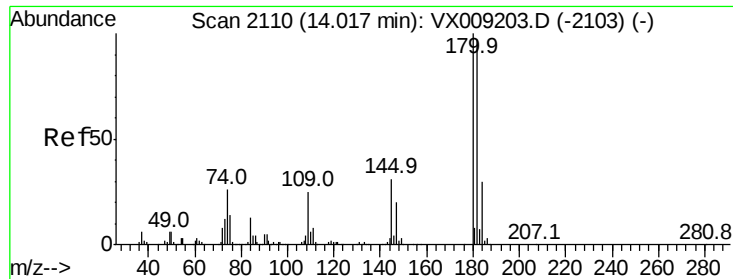
Delta R.T. -0.00 min

Lab File: VX009765.D

Acq: 21 May 2019 22:01

Tgt Ion:	128	Resp:	413277
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 47.725 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009765.D
 Acq: 21 May 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	47.8	143.4
145	30.4	15.4	46.4

Manual Integrations
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