

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052119\
 Data File : VX009764.D
 Acq On : 21 May 2019 21:38
 Operator : JC/SP
 Sample : K2973-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 10:39:47 AM

Quant Time: May 22 08:25:07 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	5.67	168	158682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	254237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95626	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	
35) Dibromofluoromethane	5.49	113	71894	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
50) Toluene-d8	8.71	98	277689	43.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.08%	
62) 4-Bromofluorobenzene	11.13	95	106090	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67645	46.260	ug/l	99
3) Chloromethane	1.32	50	103855	52.021	ug/l	100
4) Vinyl Chloride	1.41	62	108375	55.670	ug/l	100
5) Bromomethane	1.64	94	54283	46.457	ug/l	97
6) Chloroethane	1.71	64	65190	52.157	ug/l	99
7) Trichlorofluoromethane	1.92	101	116897	49.400	ug/l	98
8) Diethyl Ether	2.19	74	54682	48.784	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70026	47.124	ug/l	99
10) Methyl Iodide	2.51	142	82758	48.122	ug/l	99
11) Tert butyl alcohol	3.05	59	122871	245.045	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73679	49.486	ug/l	98
13) Acrolein	2.29	56	96628	212.788	ug/l	99
14) Allyl chloride	2.73	41	176141	48.544	ug/l	98
15) Acrylonitrile	3.14	53	307682	250.961	ug/l	99
16) Acetone	2.45	43	268516	230.850	ug/l	99
17) Carbon Disulfide	2.57	76	221615	53.016	ug/l	99
18) Methyl Acetate	2.78	43	116614	42.156	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	281905	48.758	ug/l	99
20) Methylene Chloride	2.85	84	89673	47.614	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	81513	50.481	ug/l	98
22) Diisopropyl ether	3.85	45	348931	50.005	ug/l	99
23) Vinyl Acetate	3.81	43	1398250	234.006	ug/l	99
24) 1,1-Dichloroethane	3.70	63	168863	49.055	ug/l	100
25) 2-Butanone	4.67	43	455529	252.019	ug/l	98
26) 2,2-Dichloropropane	4.59	77	101500	39.614	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	133694	69.367	ug/l	97
28) Bromochloromethane	5.01	49	86596	63.218	ug/l	98
29) Tetrahydrofuran	5.13	42	303711	261.115	ug/l	98
30) Chloroform	5.21	83	154451	49.609	ug/l	98
31) Cyclohexane	5.58	56	163145	50.941	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	126632	48.860	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116888	49.473	ug/l	99
37) Ethyl Acetate	4.83	43	155072	47.107	ug/l	99
38) Carbon Tetrachloride	5.78	117	106164	49.456	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	142538	49.125	ug/l	98
40) Benzene	6.14	78	364811	49.892	ug/l	99
41) Methacrylonitrile	5.04	41	98274	50.151	ug/l	99
42) 1,2-Dichloroethane	6.19	62	132751	50.612	ug/l	99
43) Isopropyl Acetate	6.45	43	253875	48.214	ug/l	99
44) Trichloroethene	7.21	130	84670	47.899	ug/l	99
45) 1,2-Dichloropropane	7.51	63	102470	49.491	ug/l	99
46) Dibromomethane	7.66	93	59167	49.210	ug/l	99
47) Bromodichloromethane	7.90	83	118697	49.491	ug/l	97
48) Methyl methacrylate	7.77	41	137478	52.626	ug/l	98
49) 1,4-Dioxane	7.74	88	49102	926.831	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	916345	266.250	ug/l	98
52) Toluene	8.78	92	222435	50.044	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135084	49.888	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	145886	48.676	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	88205	48.642	ug/l	95
56) Ethyl methacrylate	9.18	69	166099	51.314	ug/l	97
57) 1,3-Dichloropropane	9.37	76	157492	49.355	ug/l	99
59) 2-Hexanone	9.49	43	709926	262.639	ug/l	98
60) Dibromochloromethane	9.58	129	90038	50.838	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92468	50.517	ug/l	100
64) Tetrachloroethene	9.34	164	71476	44.174	ug/l	98
65) Chlorobenzene	10.13	112	229343	48.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	82816	48.410	ug/l	100
67) Ethyl Benzene	10.25	91	426198	49.077	ug/l	100
68) m/p-Xylenes	10.36	106	312754	98.552	ug/l	98
69) o-Xylene	10.69	106	152529	48.714	ug/l	100
70) Stvrene	10.71	104	269088	49.446	ug/l	99
71) Bromoform	10.85	173	68893	49.555	ug/l #	99
73) Isopropylbenzene	11.02	105	407643	47.780	ug/l	99
74) N-amyl acetate	10.90	43	223424	44.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	152664	48.000	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	131871m	48.455	ug/l	
77) Bromobenzene	11.26	156	101343	47.858	ug/l	99
78) n-propylbenzene	11.36	91	472238	48.467	ug/l	100
79) 2-Chlorotoluene	11.42	91	284282	47.291	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	347515	48.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48257	45.369	ug/l	97
82) 4-Chlorotoluene	11.51	91	325353	47.909	ug/l	99
83) tert-Butylbenzene	11.77	119	335220	47.969	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	348555	48.339	ug/l	99
85) sec-Butylbenzene	11.94	105	391626	47.269	ug/l	100
86) p-Isopropyltoluene	12.06	119	355664	47.751	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	179982	47.677	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	178386	46.871	ug/l	100
89) n-Butylbenzene	12.38	91	322546	47.912	ug/l	100
90) Hexachloroethane	12.59	117	61040	48.103	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	178486	46.420	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34359	48.157	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	124968	47.528	ug/l	98

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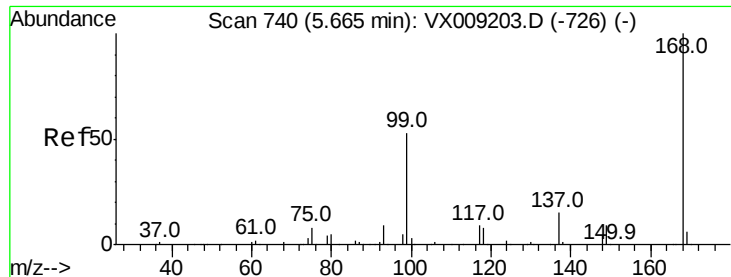
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	62163	46.297	ug/l	98
95) Naphthalene	13.83	128	402181	47.015	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126616	47.506	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MS

Tot Ion:168 Resp: 158682

Ion Ratio Lower Upper

168 100

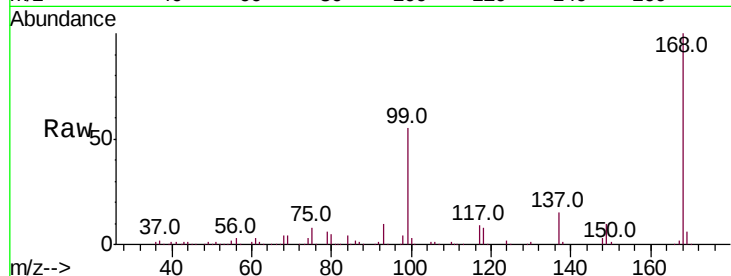
99 55.0 42.3 63.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

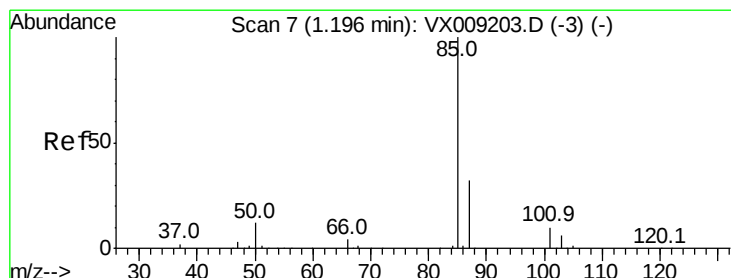
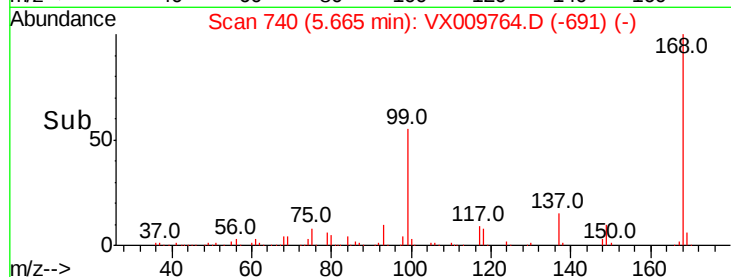
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.260 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009764.D

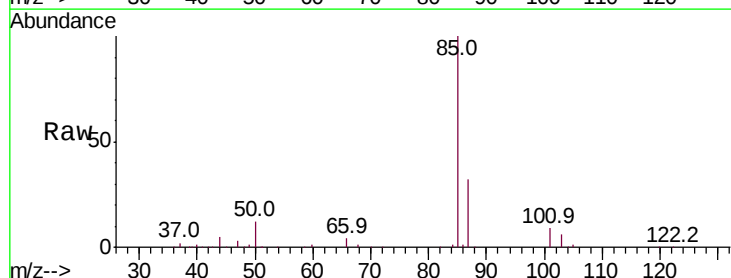
Acq: 21 May 2019 21:38

Tgt Ion: 85 Resp: 67645

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

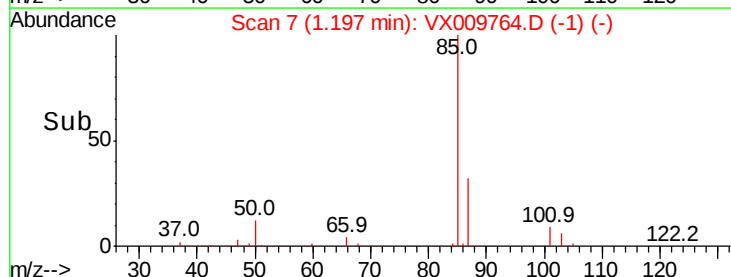
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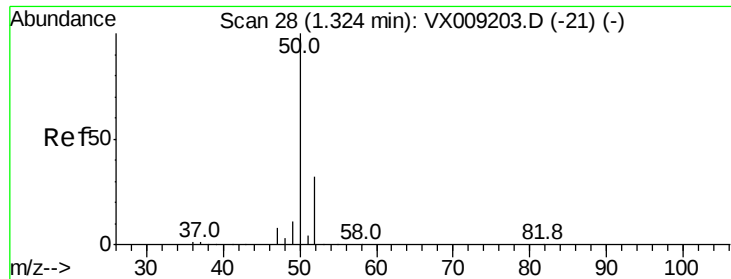
40000

20000

0

Time-->





#3

Chloromethane

Concen: 52.021 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

ClientSampled :

S36-0153MS

Tot Ion: 50 Resp: 103855

Ion Ratio Lower Upper

50 100

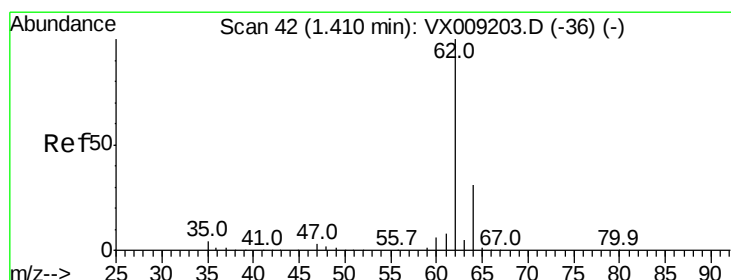
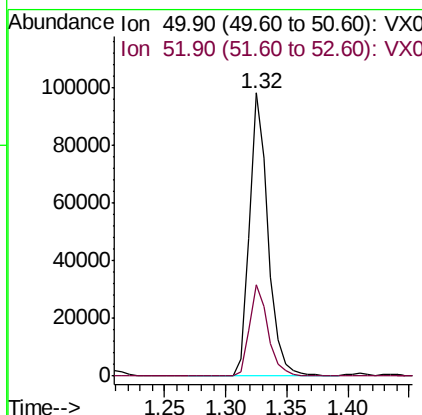
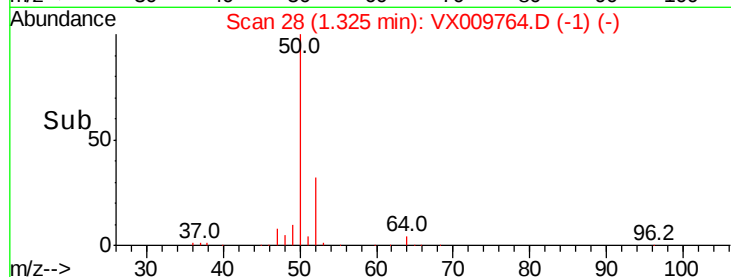
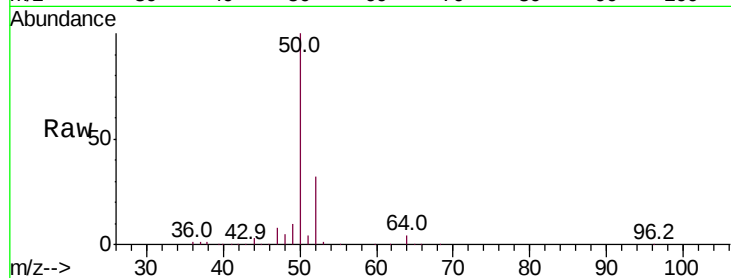
52 32.2 25.9 38.9

Manual Integrations

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5/22/2019 10:39:47 AM



#4

Vinyl Chloride

Concen: 55.670 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009764.D

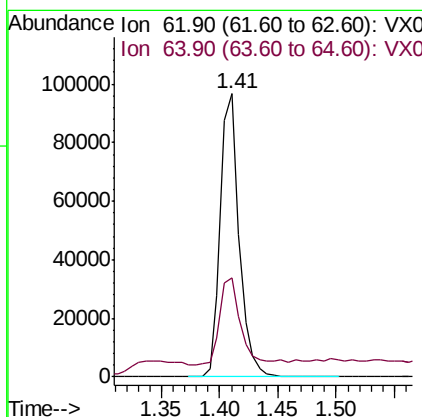
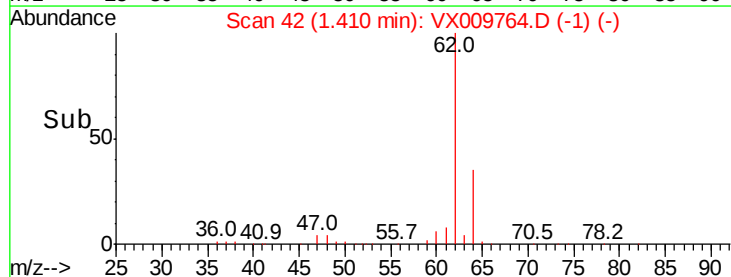
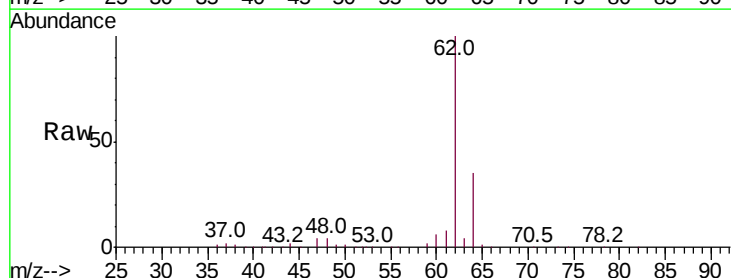
Acq: 21 May 2019 21:38

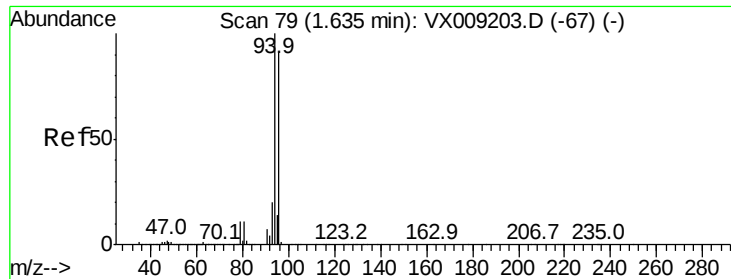
Tgt Ion: 62 Resp: 108375

Ion Ratio Lower Upper

62 100

64 30.5 24.6 36.8





#5

Bromomethane

Concen: 46.457 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MS

Tot Ion: 94 Resp: 54283

Ion Ratio Lower Upper

94 100

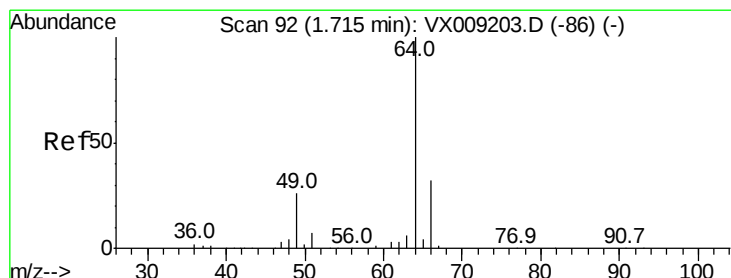
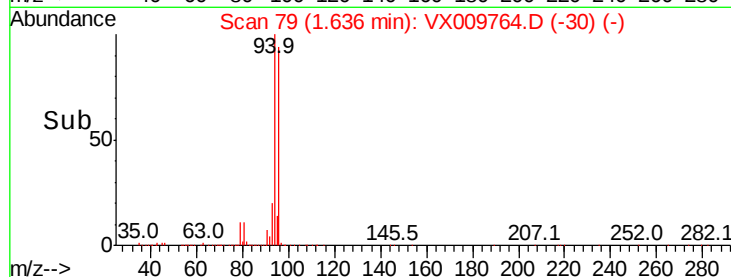
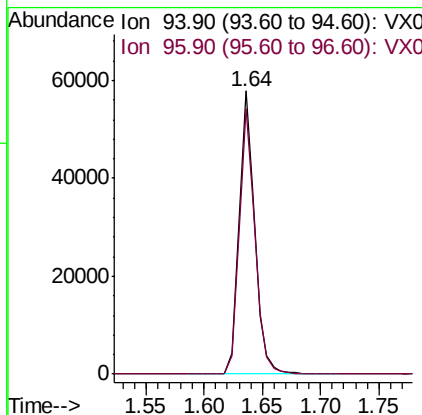
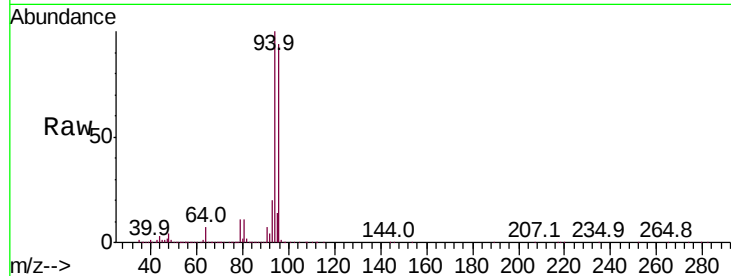
96 93.9 73.0 109.6

Manual Integrations

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#6

Chloroethane

Concen: 52.157 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009764.D

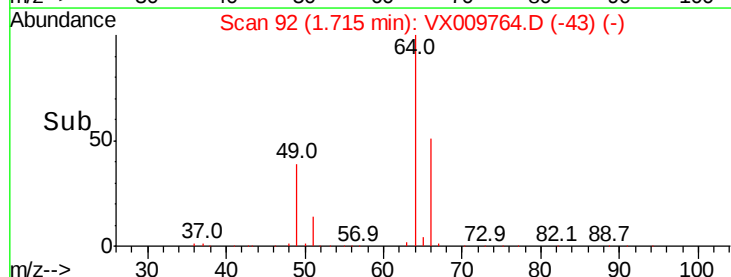
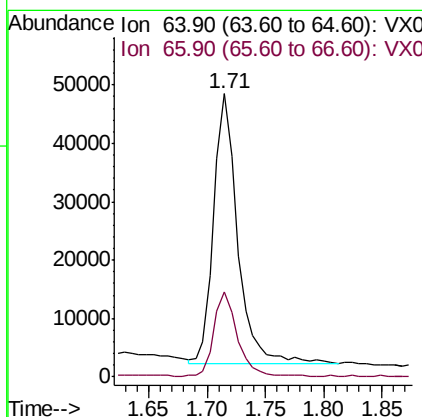
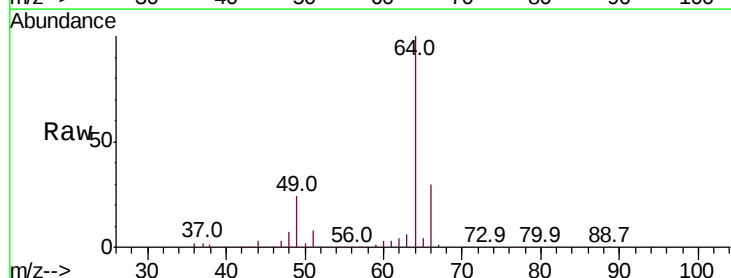
Acq: 21 May 2019 21:38

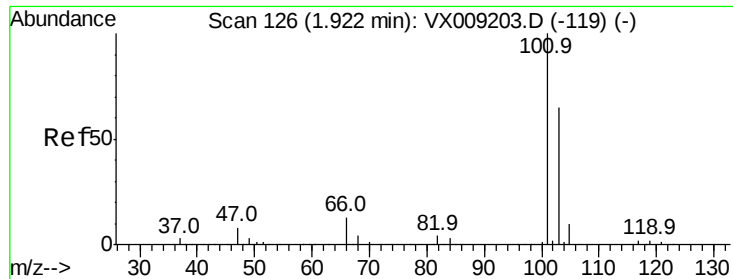
Tgt Ion: 64 Resp: 65190

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9





#7

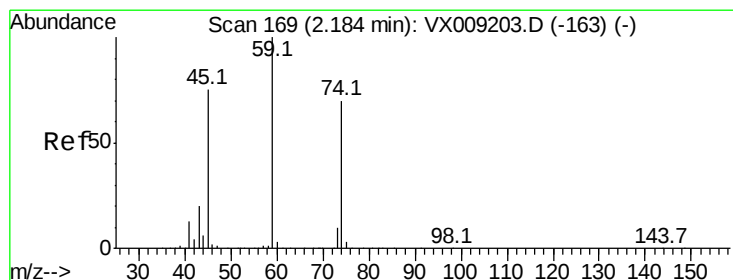
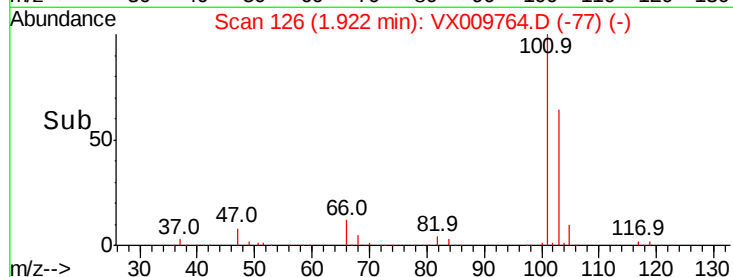
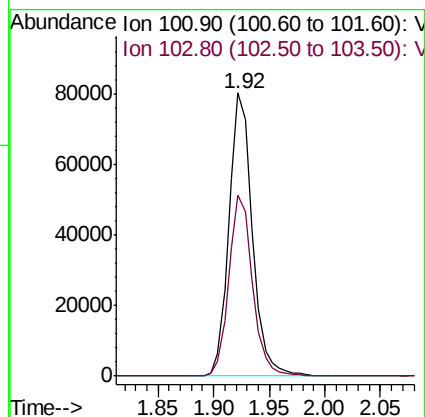
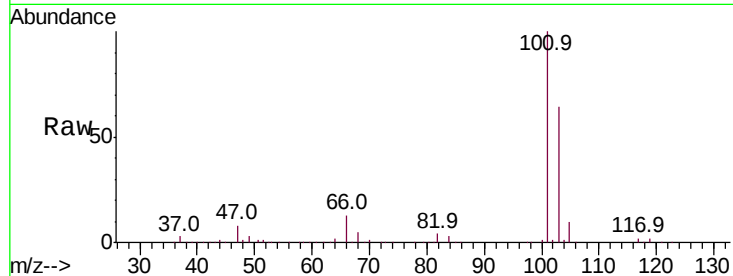
Trichlorofluoromethane
 Concen: 49.400 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion:101 Resp: 116897
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.4 78.6

Manual Integrations
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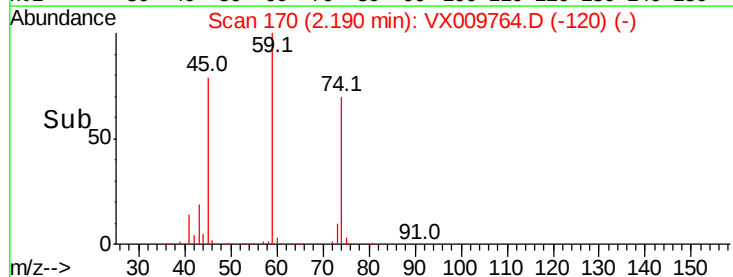
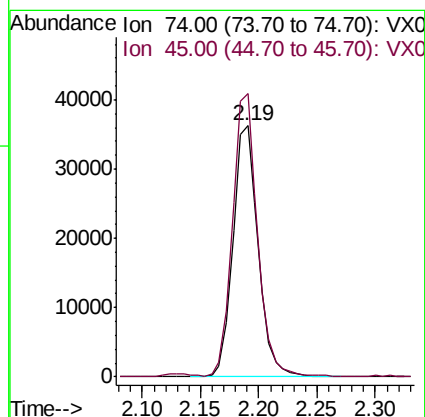
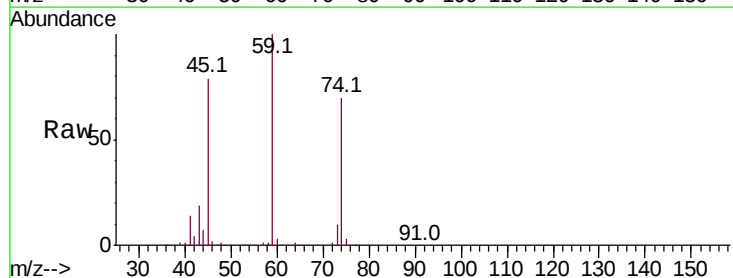
MMDadoda
 5/22/2019 10:39:47 AM

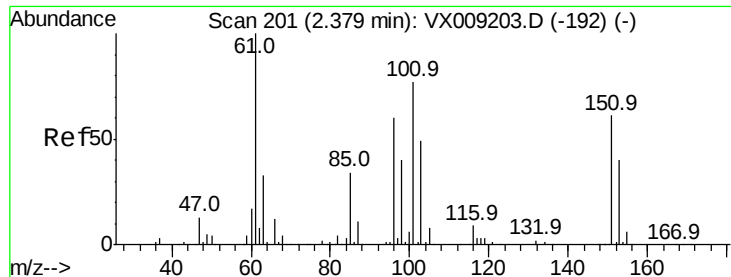


#8

Diethyl Ether
 Concen: 48.784 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion: 74 Resp: 54682
 Ion Ratio Lower Upper
 74 100
 45 110.7 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.124 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

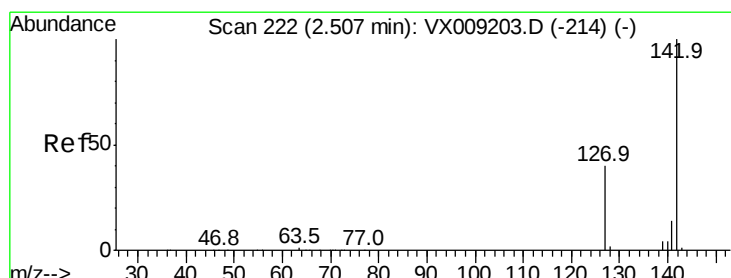
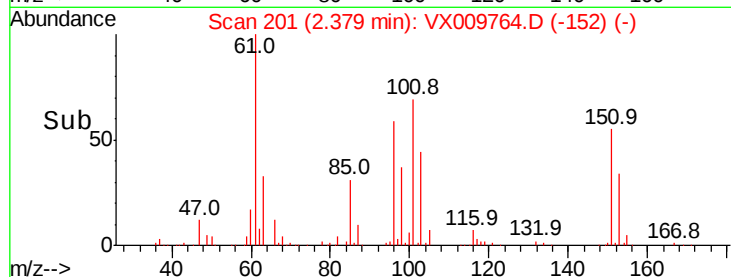
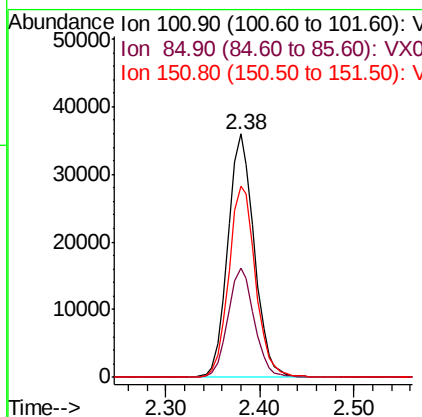
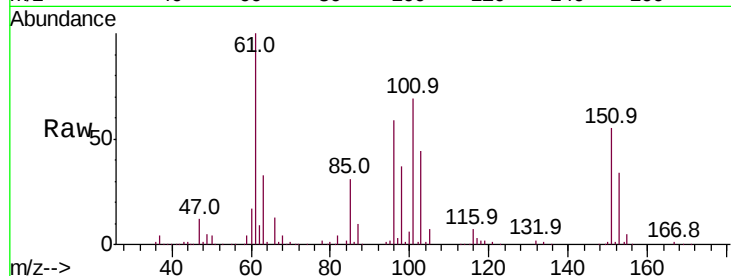
ClientSampled :

S36-0153MS

Tot Ion:	101	Resp:	70026
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.7	53.5
151	79.5	62.2	93.2

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#10

Methyl Iodide

Concen: 48.122 ug/l

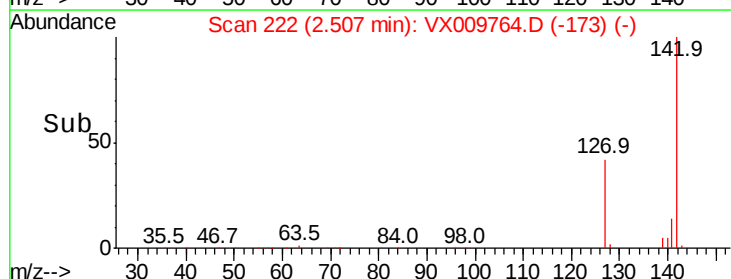
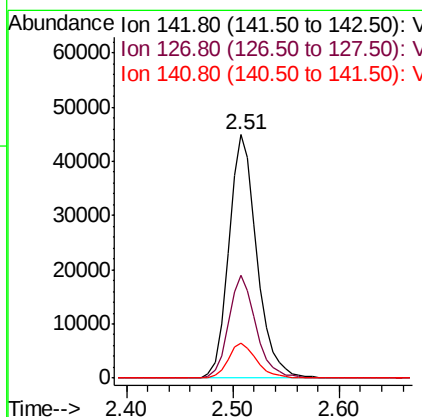
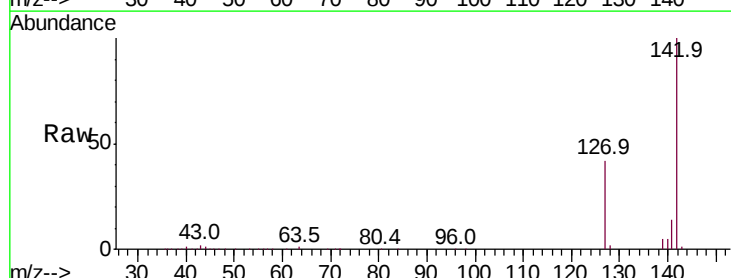
RT: 2.51 min Scan# 222

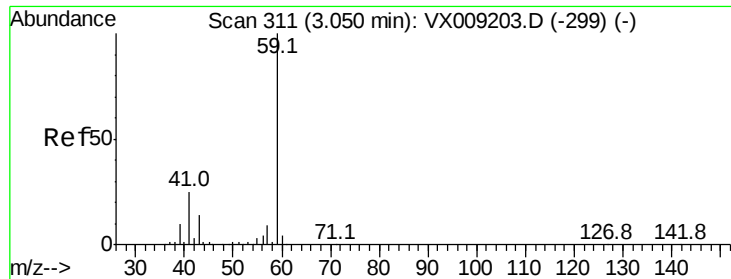
Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Tgt Ion:	142	Resp:	82758
Ion Ratio	Lower	Upper	
142	100		
127	41.6	32.7	49.1
141	14.7	11.5	17.3





#11

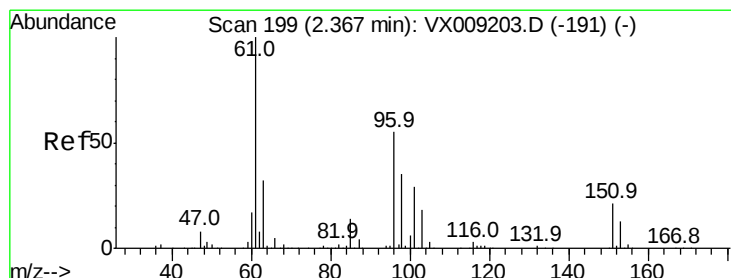
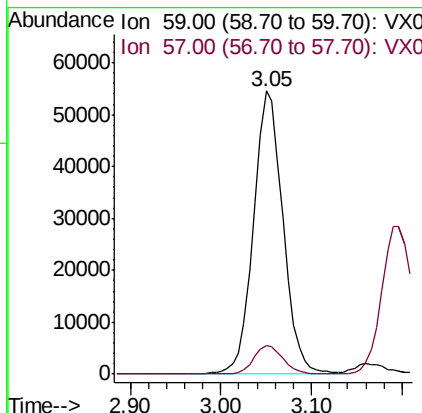
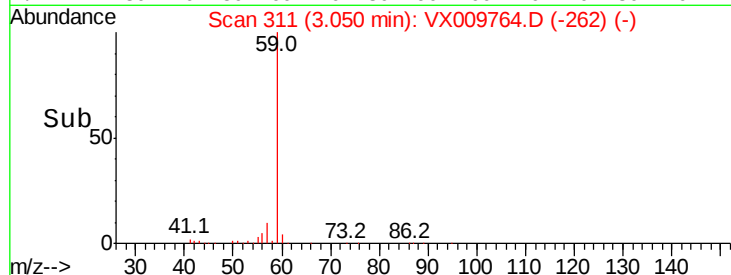
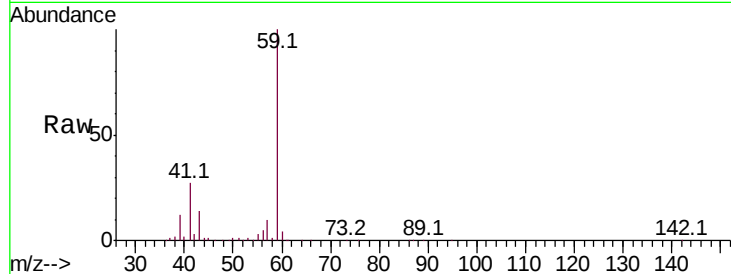
Tert butyl alcohol
Concen: 245.045 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

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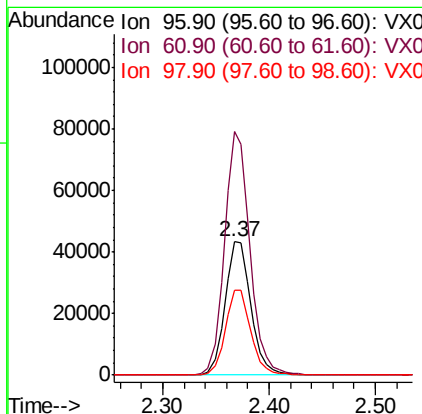
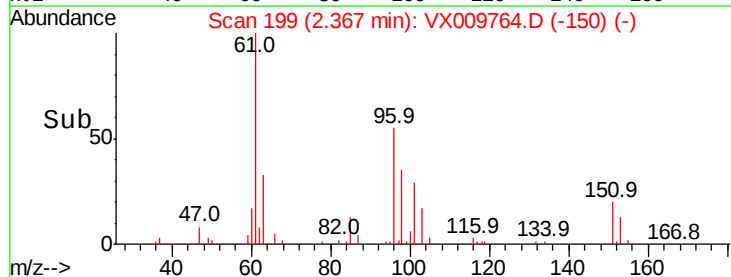
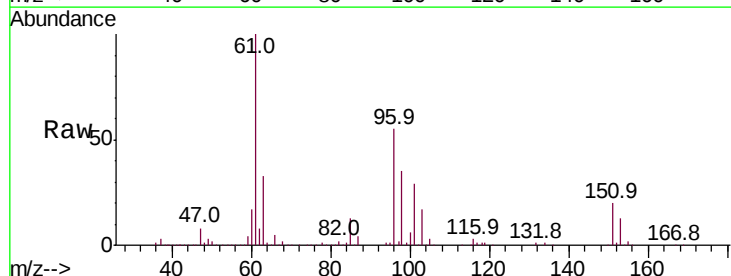
MMDadoda
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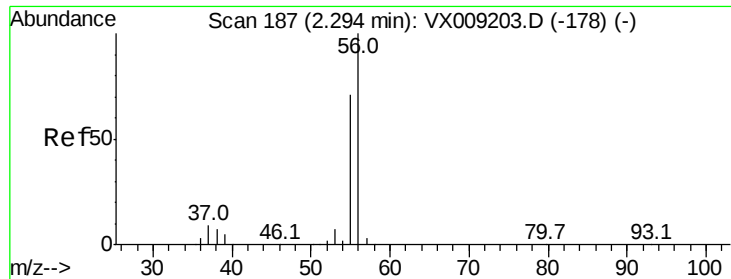


#12

1,1-Dichloroethene
Concen: 49.486 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.2	144.3	216.5
98	63.9	50.3	75.5





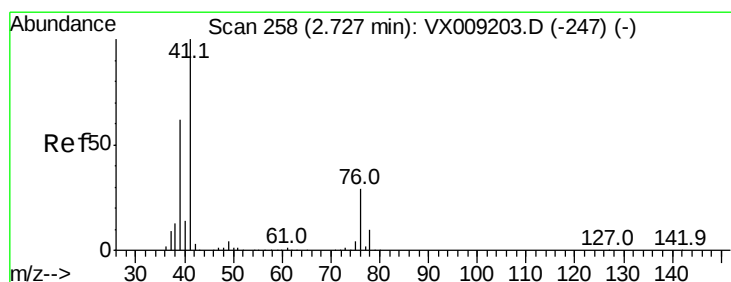
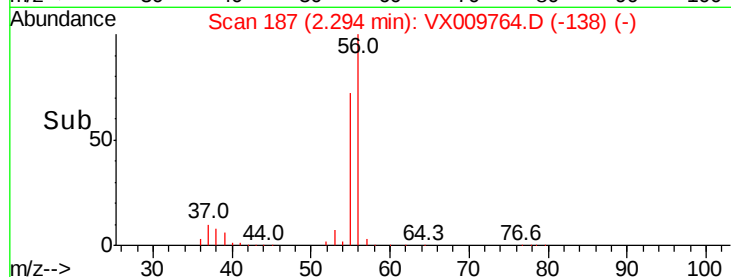
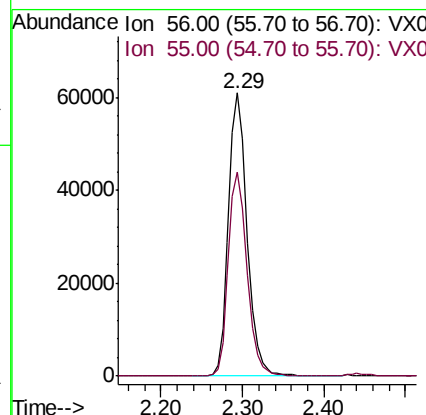
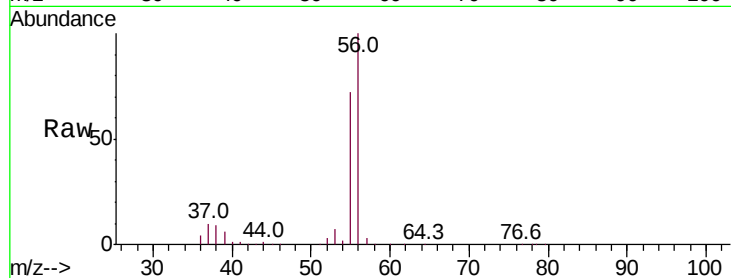
#13
Acrolein
Concen: 212.788 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	56.6	85.0

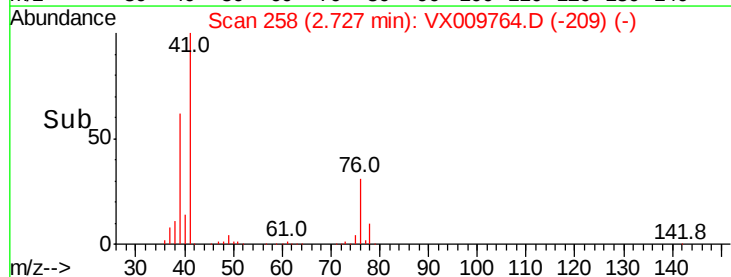
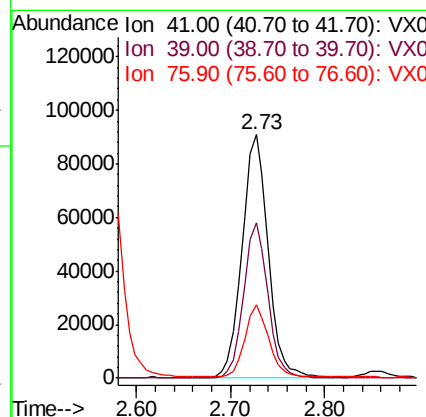
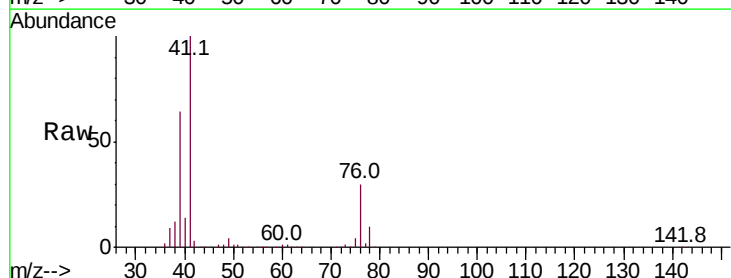
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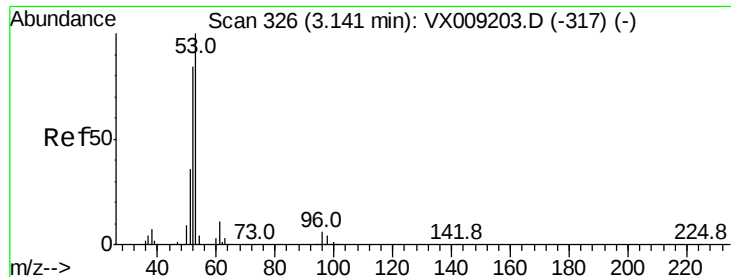
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#14
Allyl chloride
Concen: 48.544 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.3	46.7	70.1
76	28.7	21.8	32.8





#15

Acrylonitrile

Concen: 250.961 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

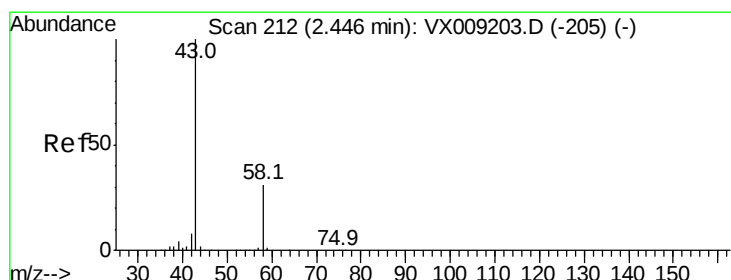
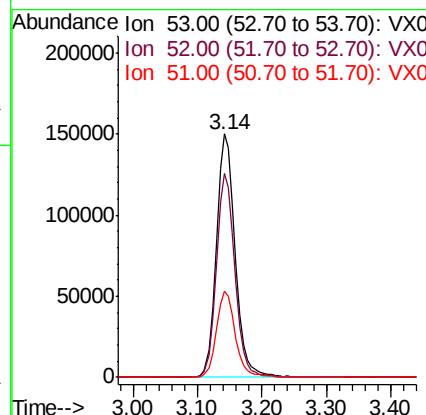
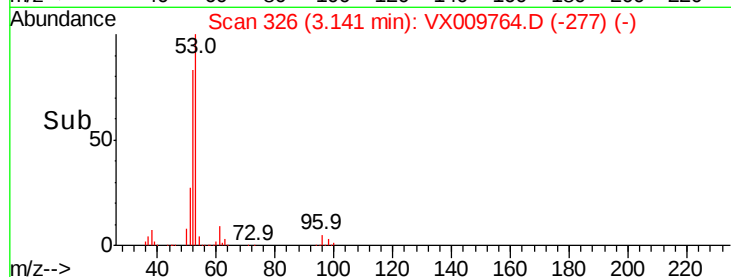
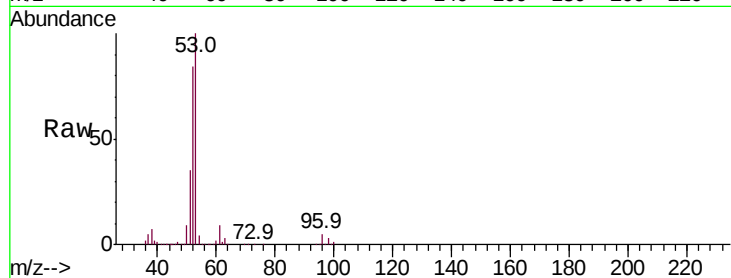
ClientSampleId :

S36-0153MS

Tot Ion:	53	Resp:	307682
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.9	100.3
51	35.8	28.2	42.2

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#16

Acetone

Concen: 230.850 ug/l

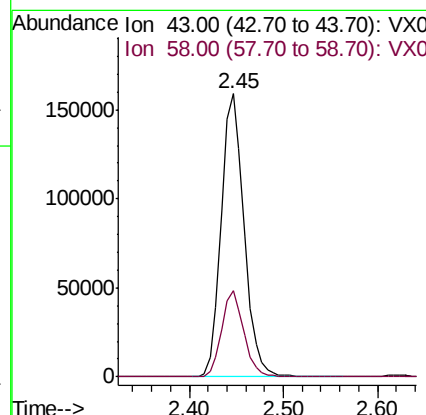
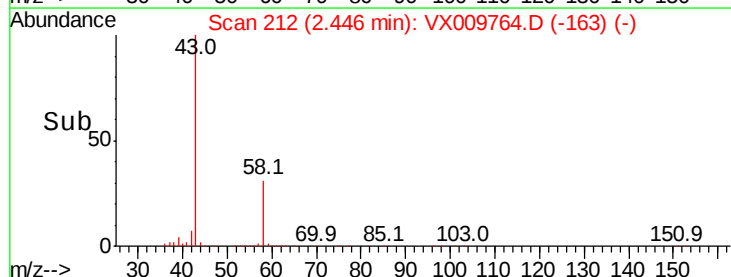
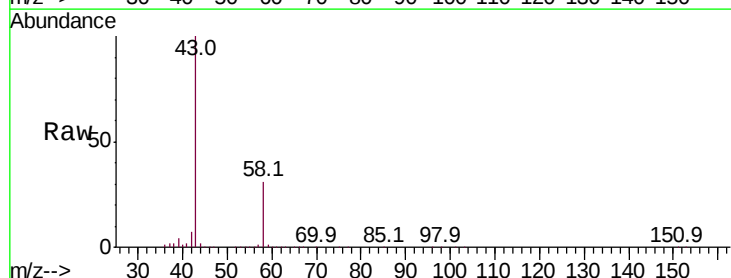
RT: 2.45 min Scan# 212

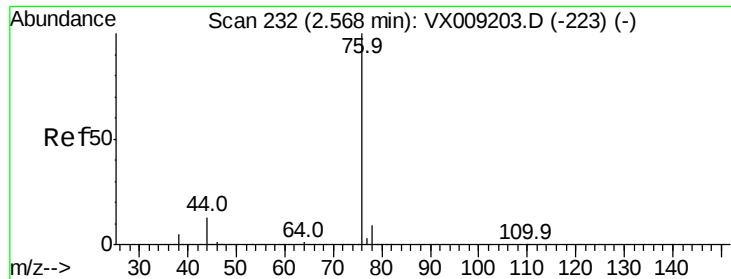
Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Tgt Ion:	43	Resp:	268516
Ion Ratio		Lower	Upper
43	100		
58	30.5	24.9	37.3





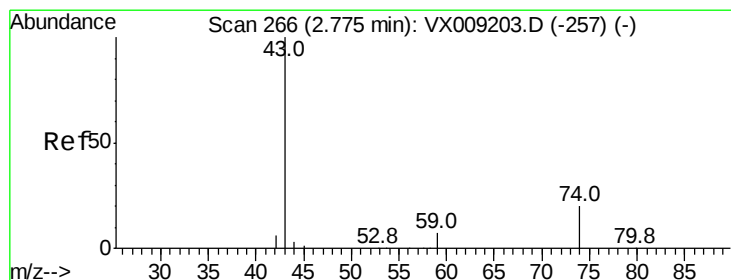
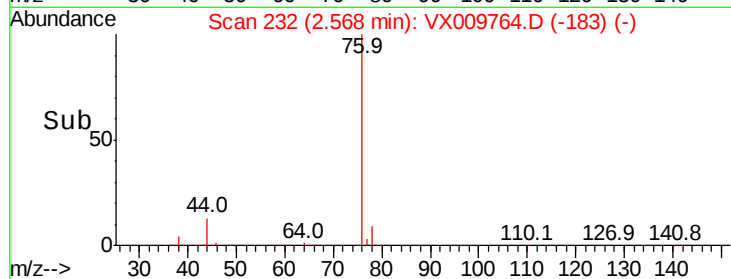
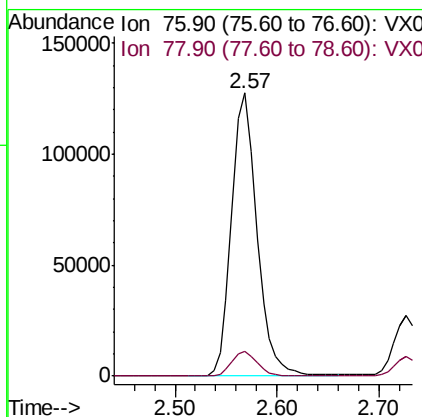
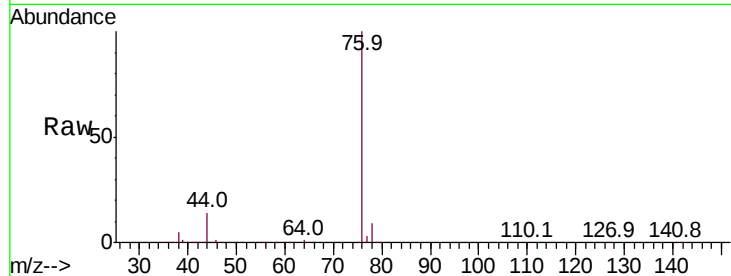
#17
Carbon Disulfide
Concen: 53.016 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampled :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

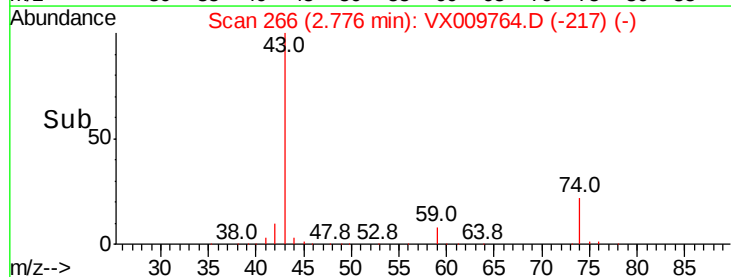
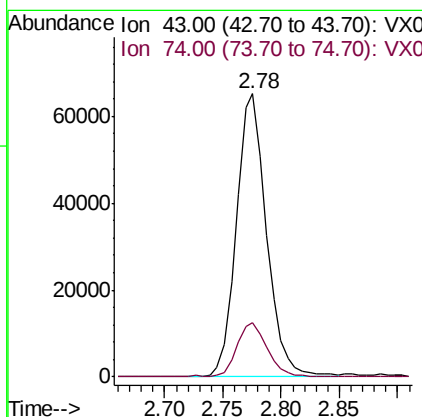
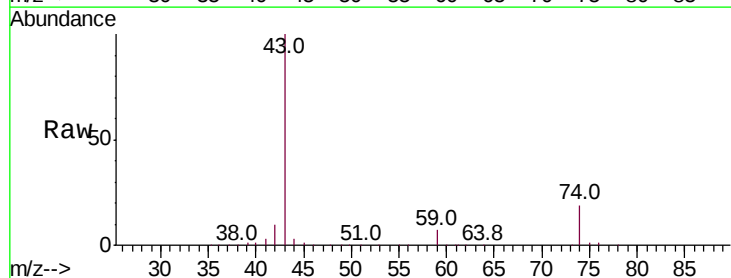
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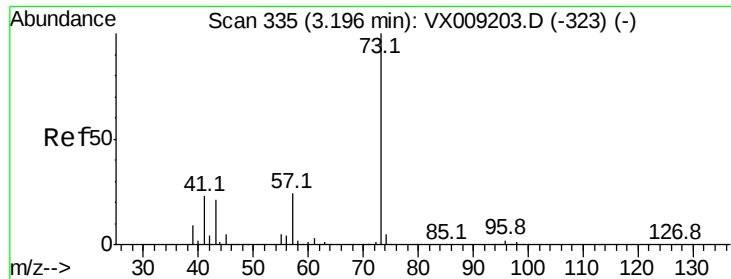
MMDadoda
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#18
Methyl Acetate
Concen: 42.156 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.5	16.2	24.4





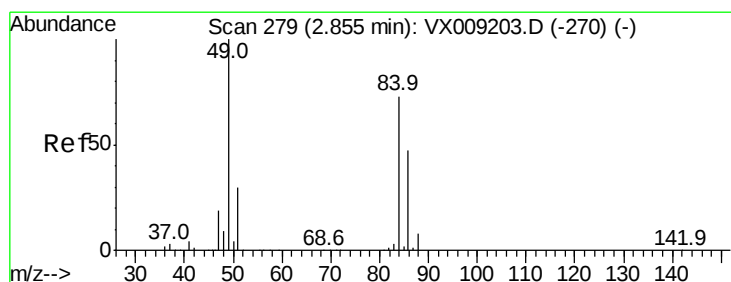
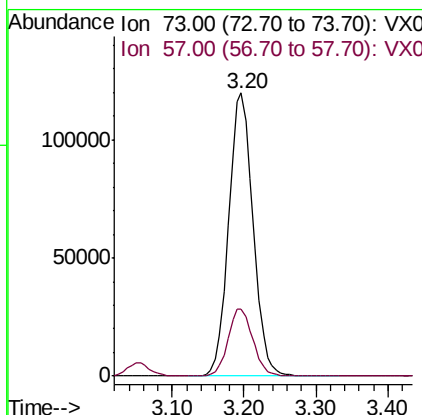
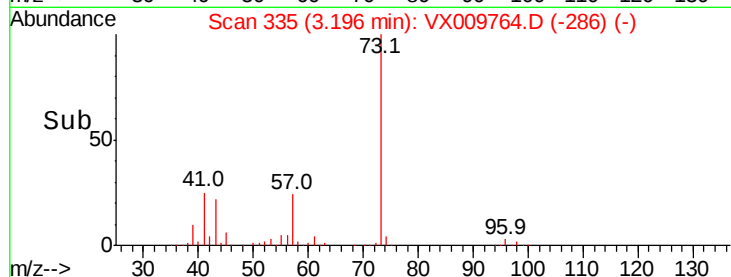
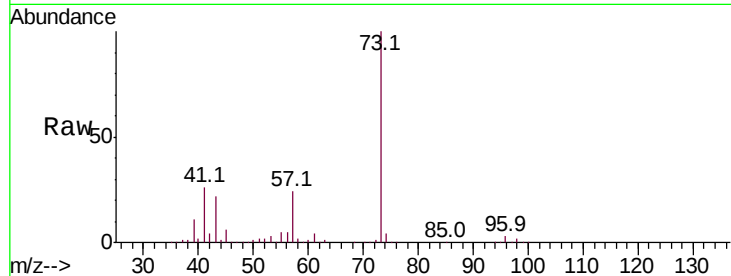
#19
Methvl tert-butvl Ether
Concen: 48.758 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampled :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.3	28.9

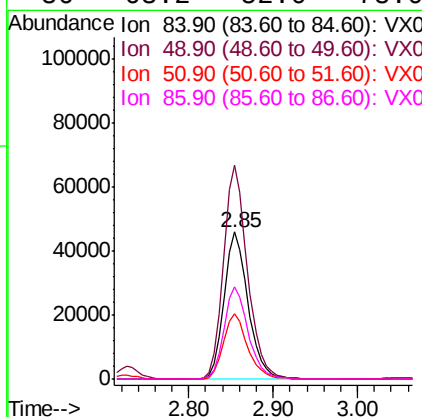
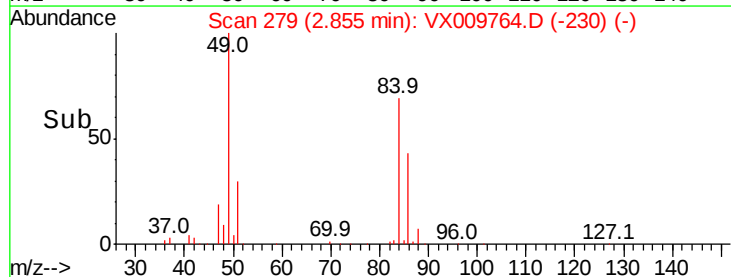
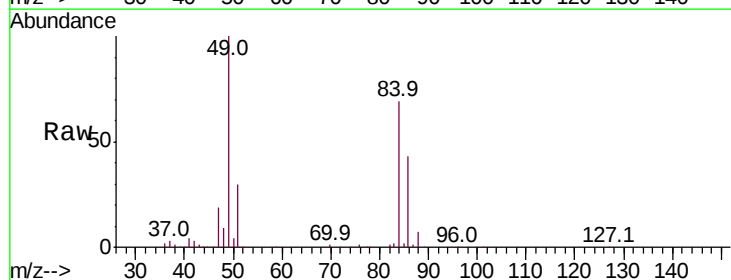
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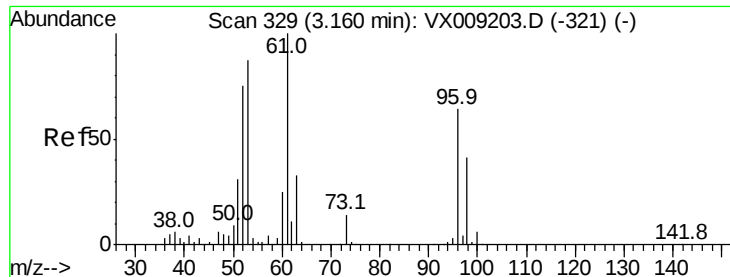
MMDadoda
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#20
Methylene Chloride
Concen: 47.614 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	145.4	109.9	164.9
51	44.0	32.7	49.1
86	63.2	52.0	78.0





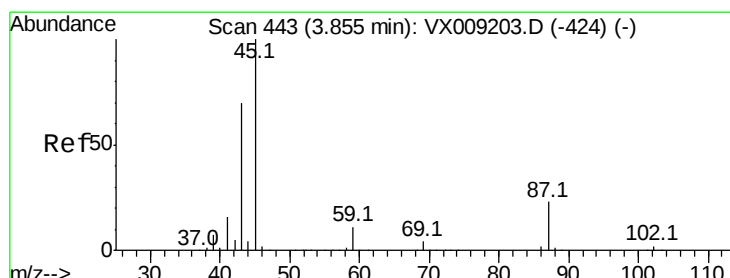
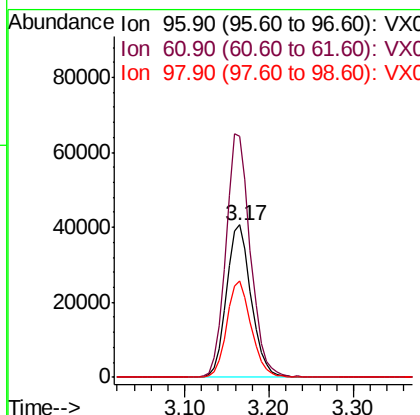
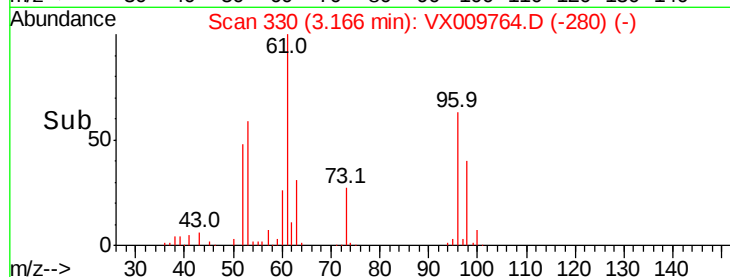
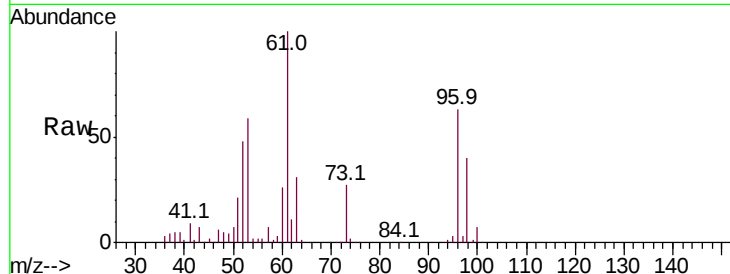
#21
trans-1,2-Dichloroethene
Concen: 50.481 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.4	124.5	186.7
98	63.4	50.4	75.6

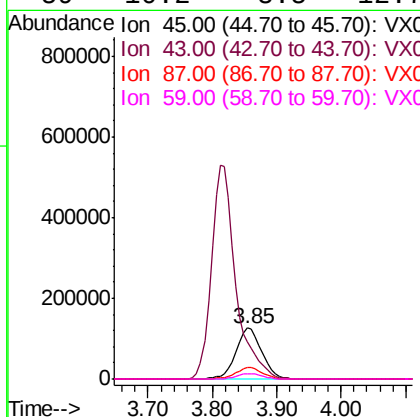
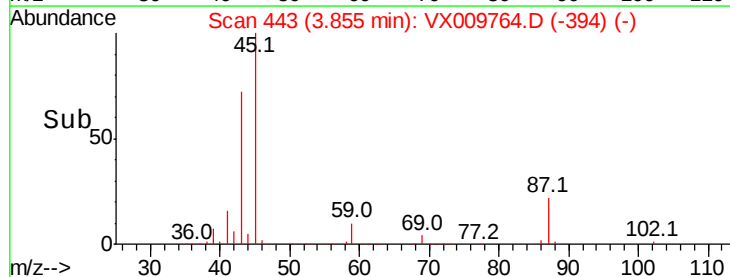
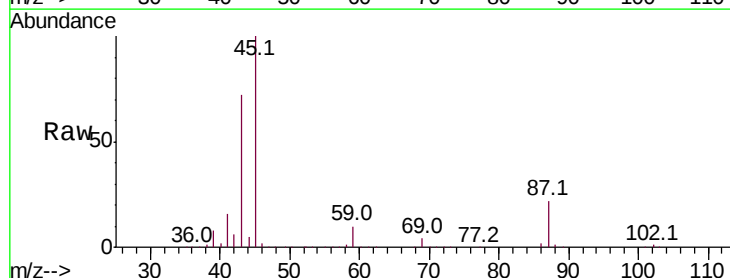
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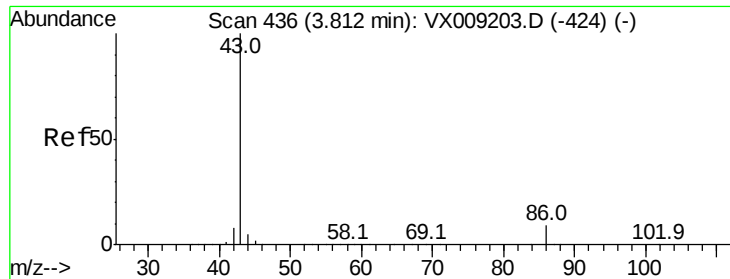
MMDadoda
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#22
Diisopropyl ether
Concen: 50.005 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.3	56.1	84.1
87	21.8	18.1	27.1
59	10.2	8.5	12.7





#23

Vinyl Acetate

Concen: 234.006 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MS

Tot Ion: 43 Resp: 1398250

Ion Ratio Lower Upper

43 100

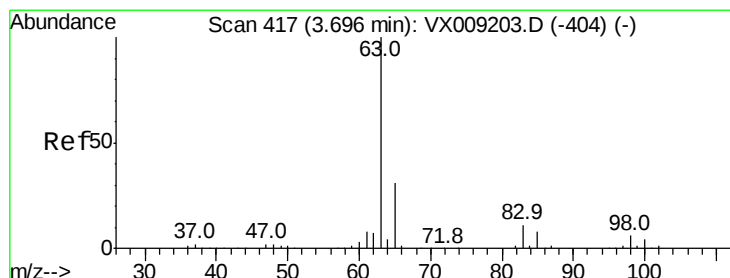
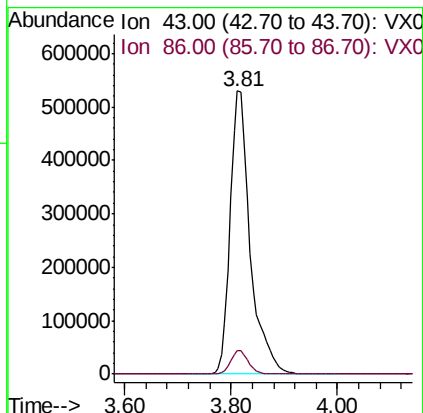
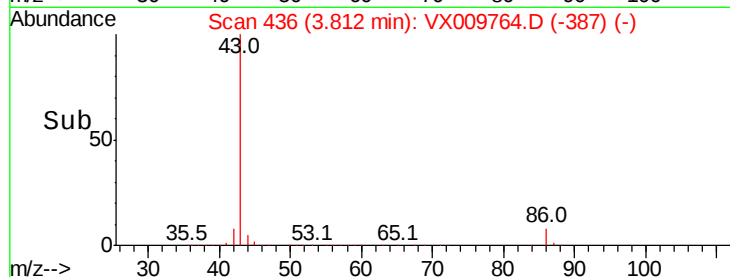
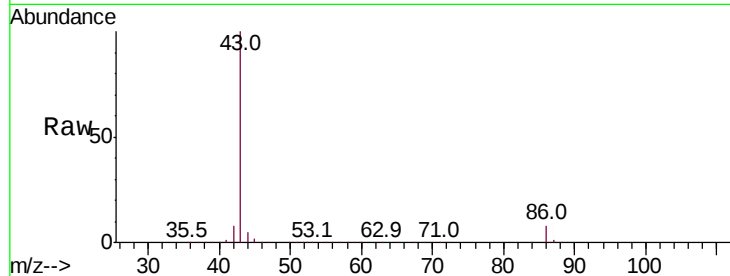
86 8.3 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.055 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

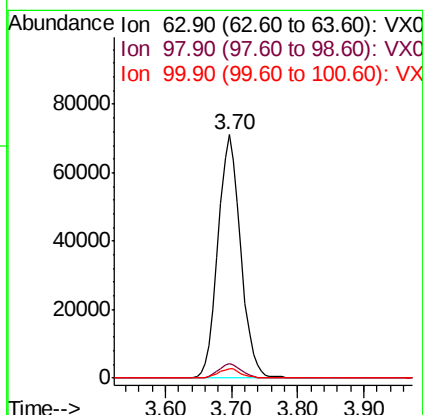
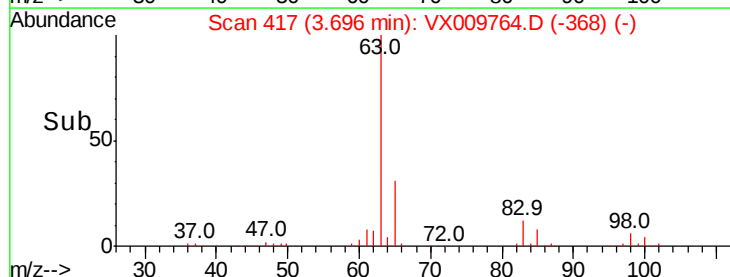
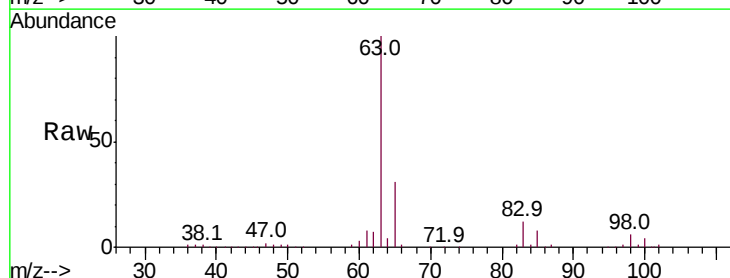
Tgt Ion: 63 Resp: 168863

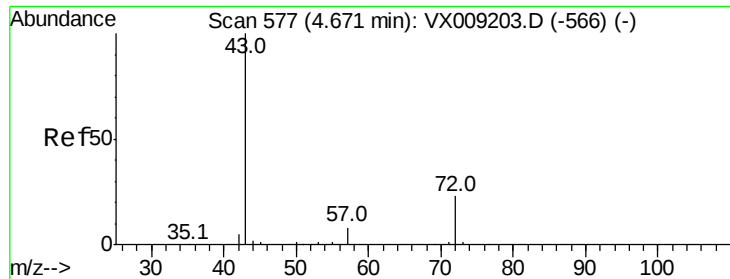
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 252.019 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

S36-0153MS

Tot Ion: 43 Resp: 45529

Ion Ratio Lower Upper

43 100

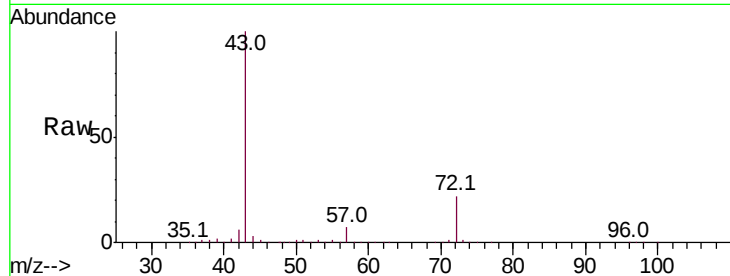
72 21.7 18.2 27.2

Manual Integrations

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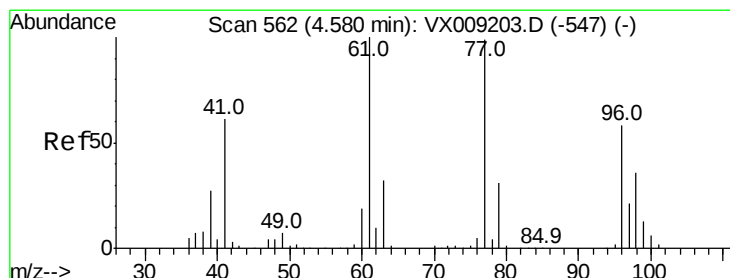
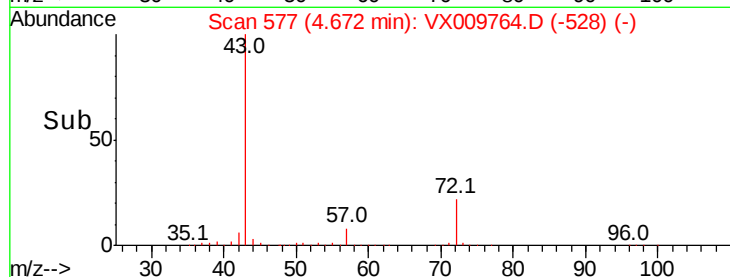
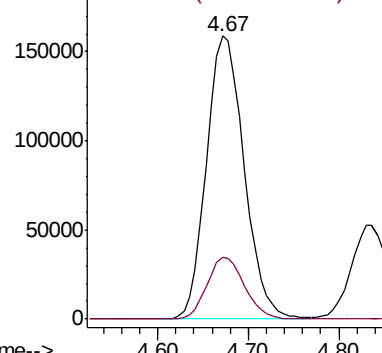
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 39.614 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009764.D

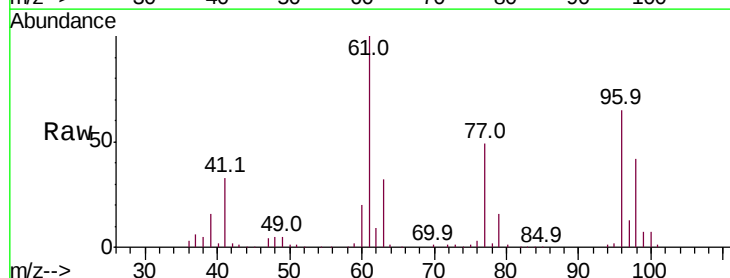
Acq: 21 May 2019 21:38

Tgt Ion: 77 Resp: 101500

Ion Ratio Lower Upper

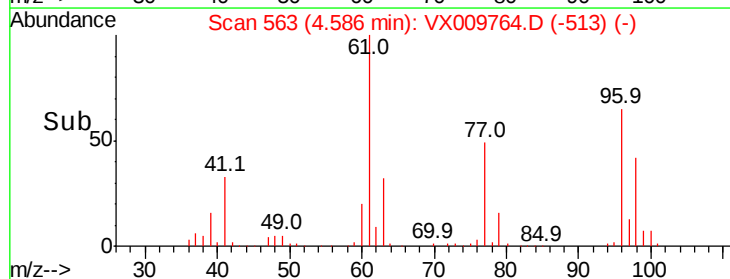
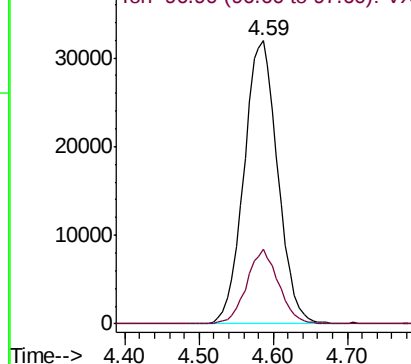
77 100

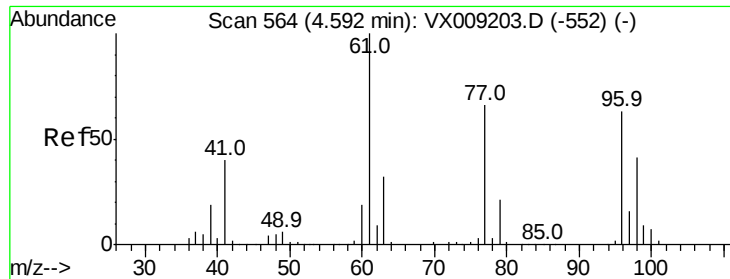
97 25.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

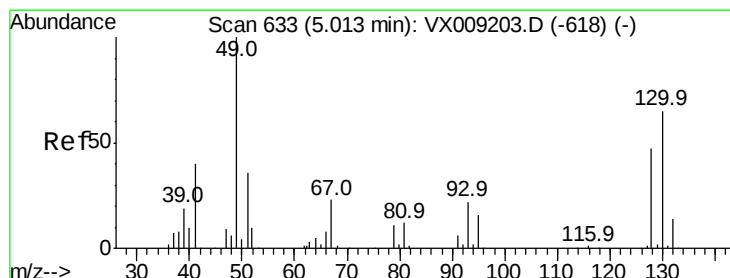
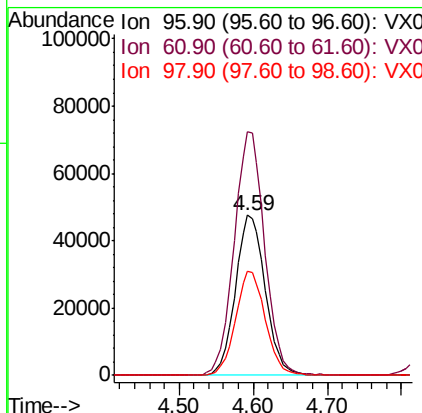
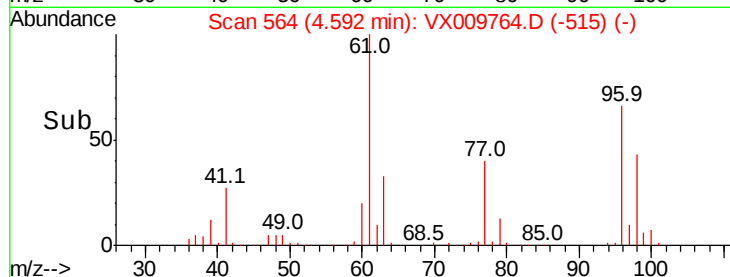
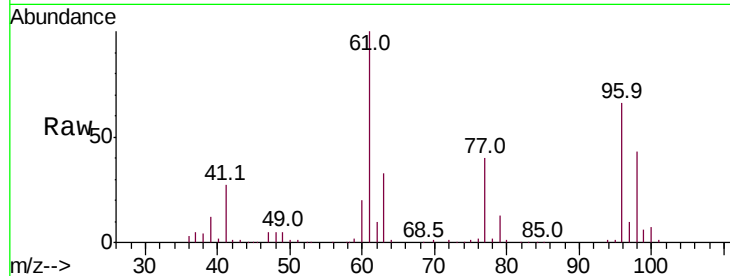
cis-1,2-Dichloroethene
Concen: 69.367 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleID :
S36-0153MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133694		
61	156.0	0.0	324.0	
98	64.7	0.0	130.4	

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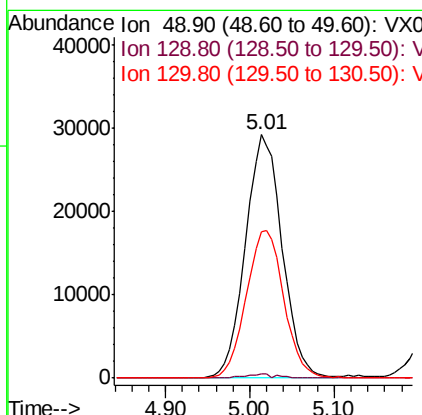
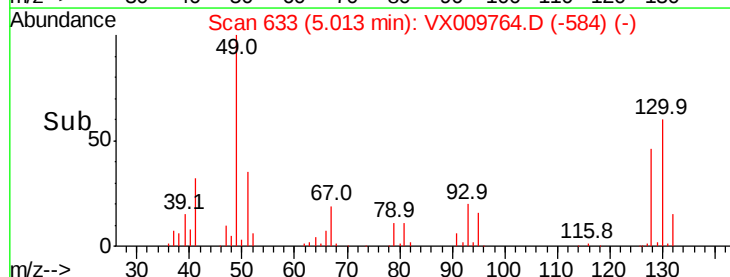
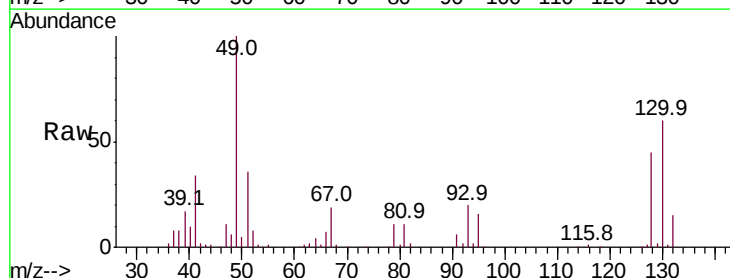
MMDadoda
5/22/2019 10:39:47 AM

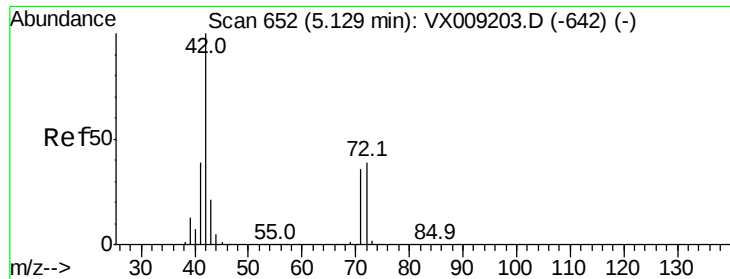


#28

Bromochloromethane
Concen: 63.218 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	86596		
129	1.0	0.0	3.8	
130	62.1	51.2	76.8	





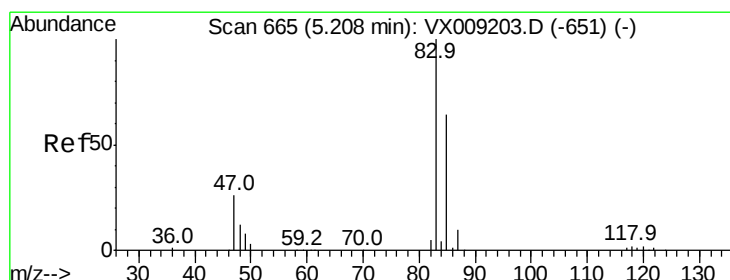
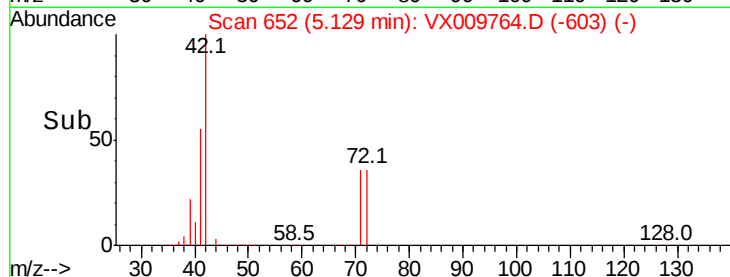
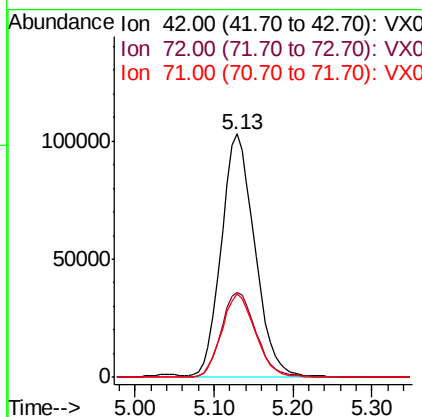
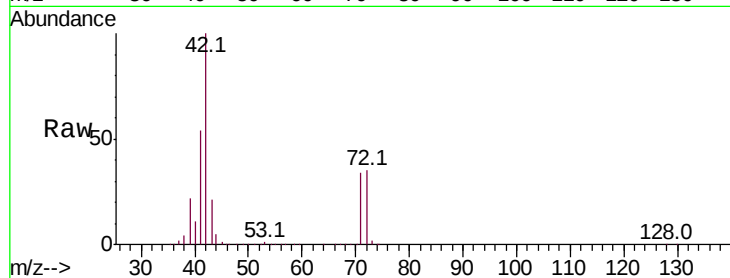
#29
Tetrahydrofuran
Concen: 261.115 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampled :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.6	30.4	45.6
71	34.6	28.6	43.0

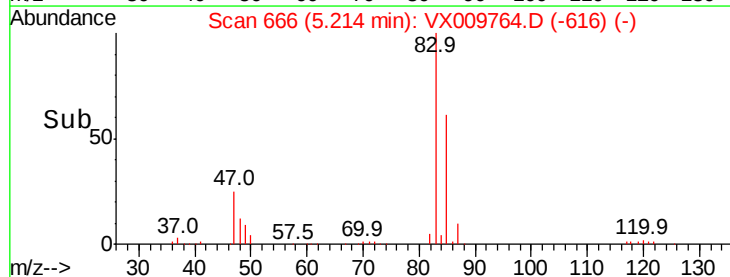
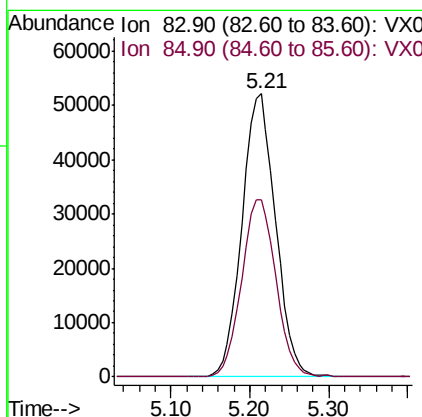
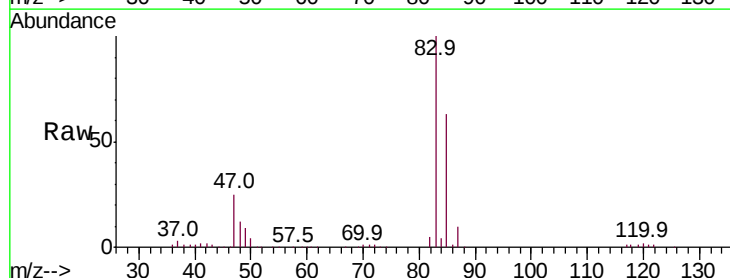
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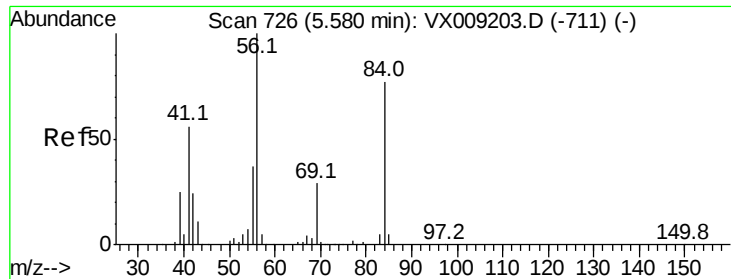
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#30
Chloroform
Concen: 49.609 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.5	77.3





#31

Cyclohexane

Concen: 50.941 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

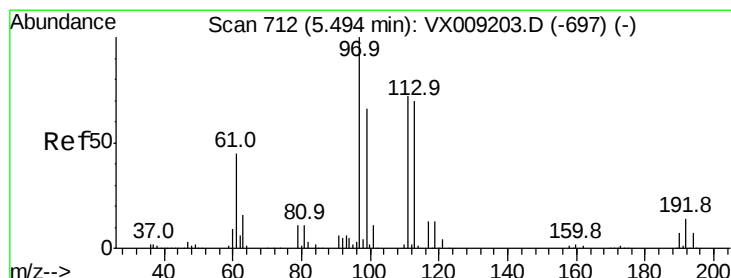
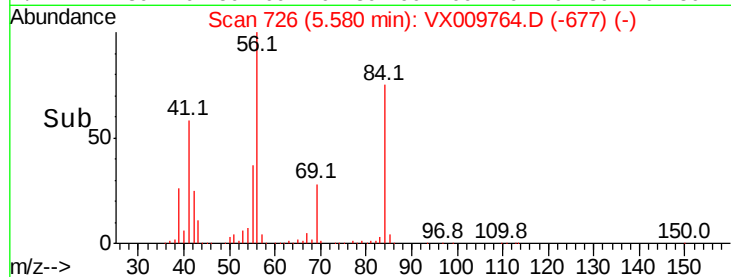
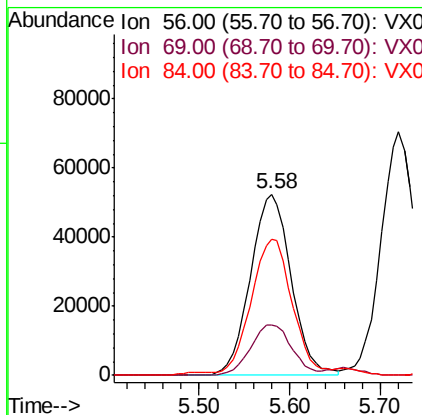
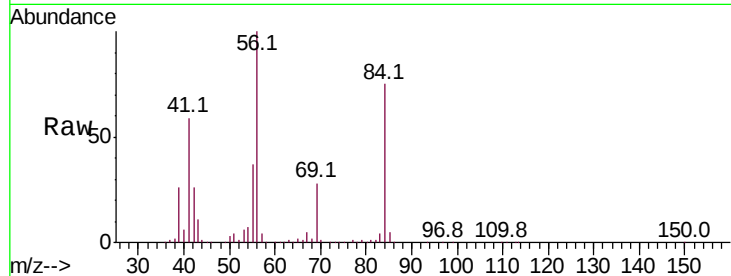
ClientSampleId :

S36-0153MS

Tot Ion:	56	Resp:	163145
Ion Ratio	Lower	Upper	
56	100		
69	28.0	23.4	35.0
84	73.8	61.9	92.9

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#32

1,1,1-Trichloroethane

Concen: 48.860 ug/l

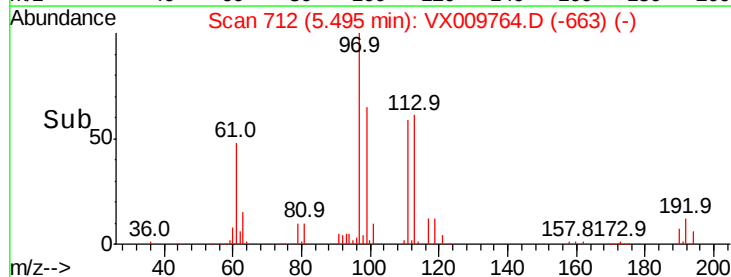
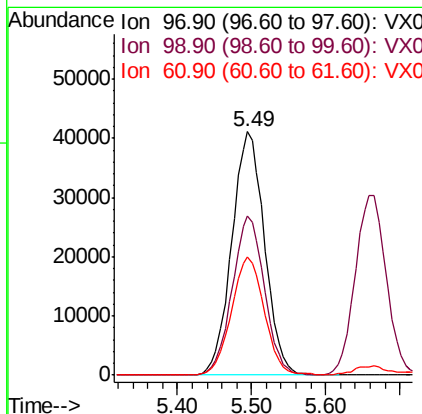
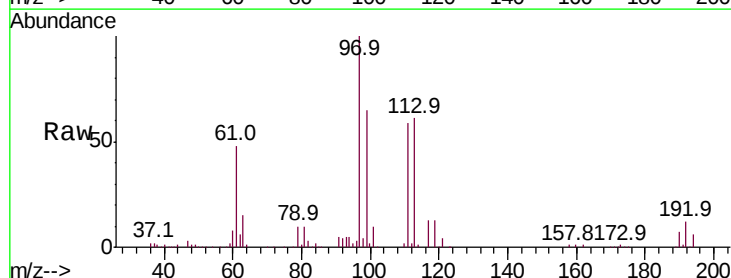
RT: 5.49 min Scan# 712

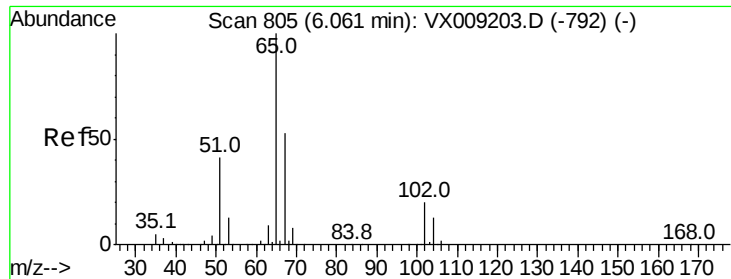
Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Tgt Ion:	97	Resp:	126632
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.8	77.8
61	48.8	37.8	56.8





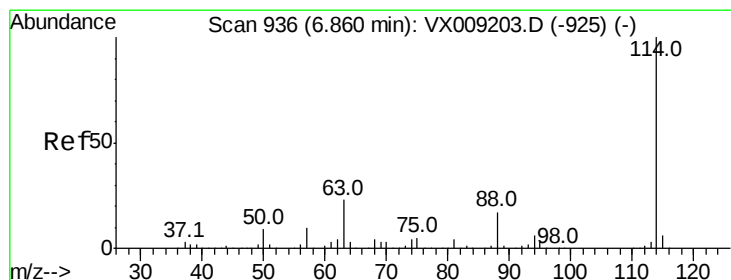
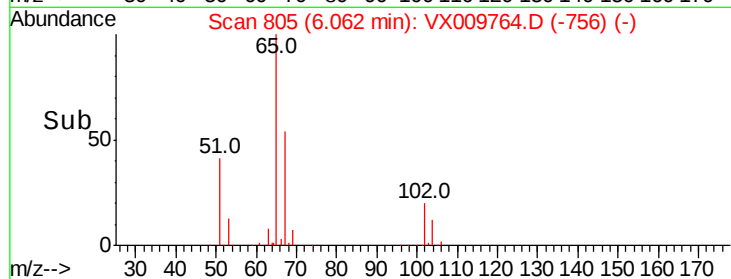
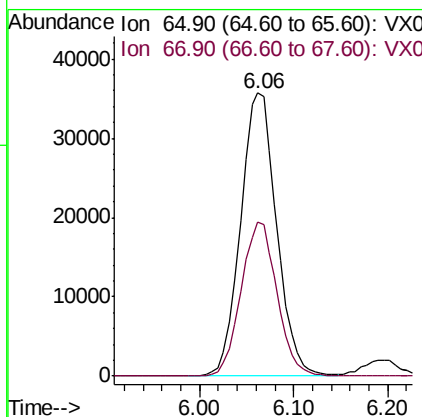
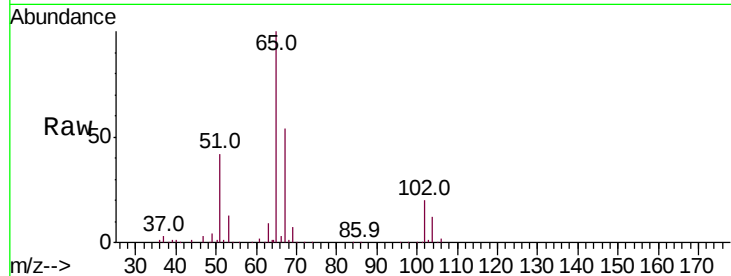
#33
 1,2-Dichloroethane-d4
 Concen: 44.145 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	106.6

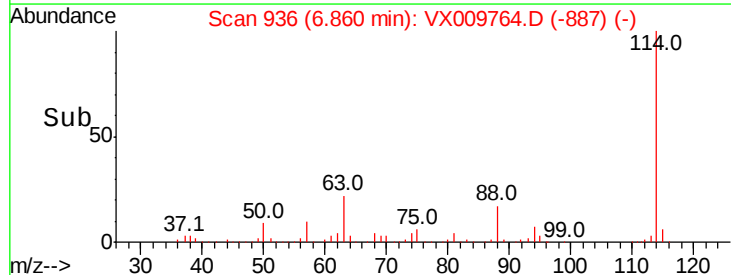
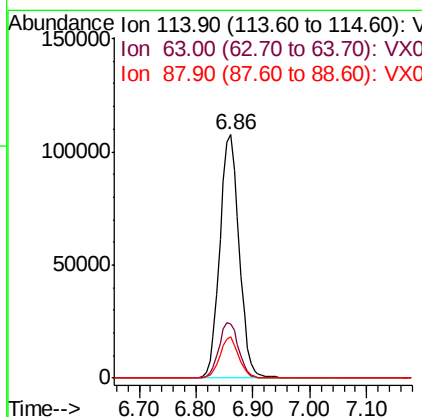
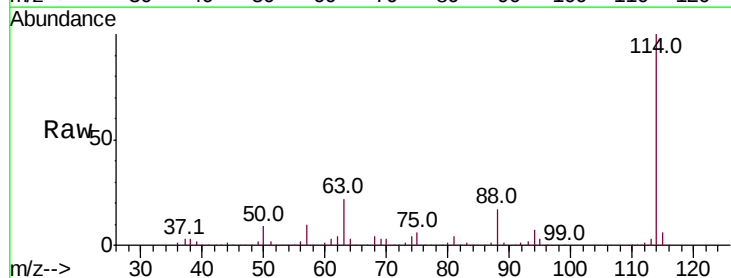
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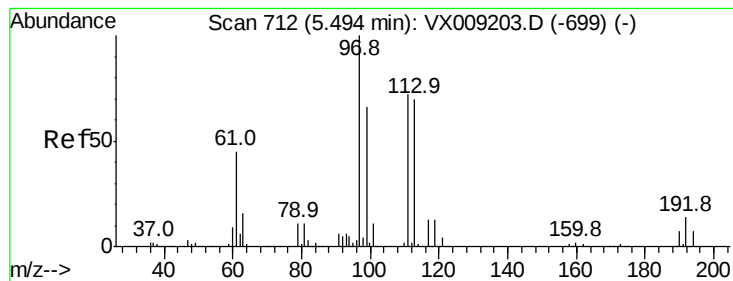
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	45.6
88	16.8	0.0	33.2





#35

Dibromofluoromethane

Concen: 44.983 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

ClientSampled :

S36-0153MS

Tot Ion:113 Resp: 71894

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

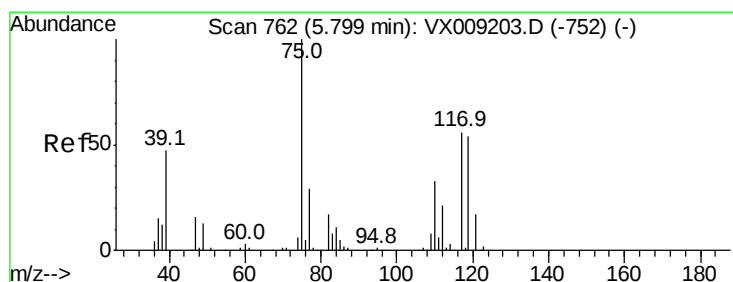
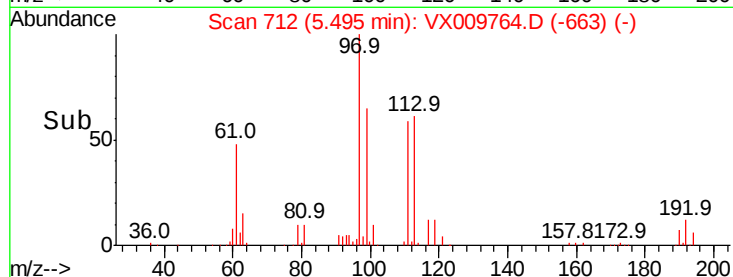
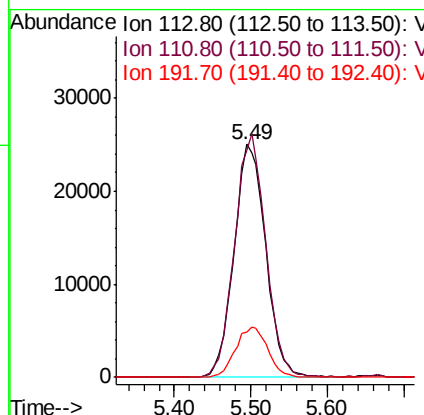
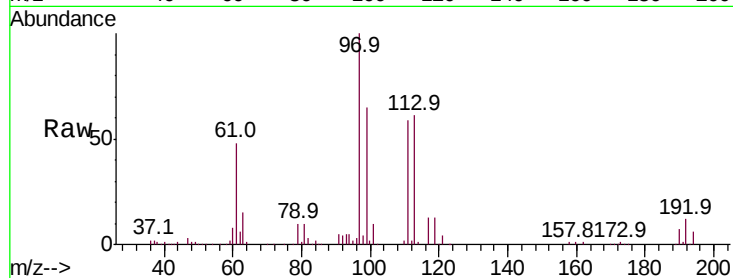
192 21.8 17.0 25.6

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#36

1,1-Dichloropropene

Concen: 49.473 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

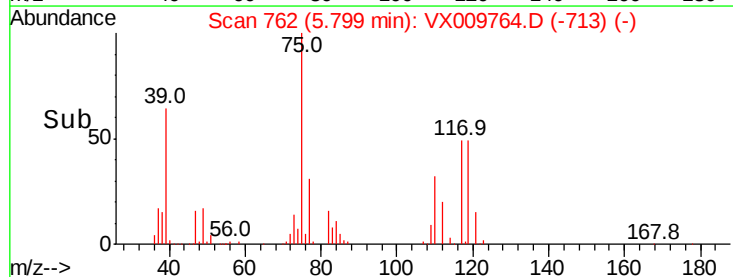
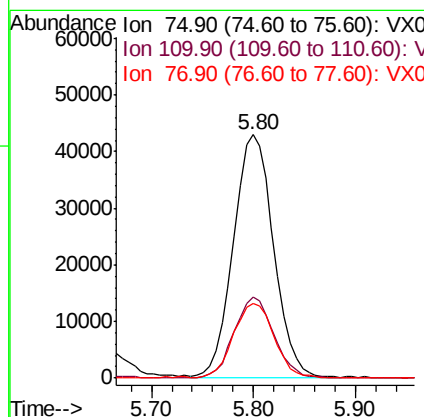
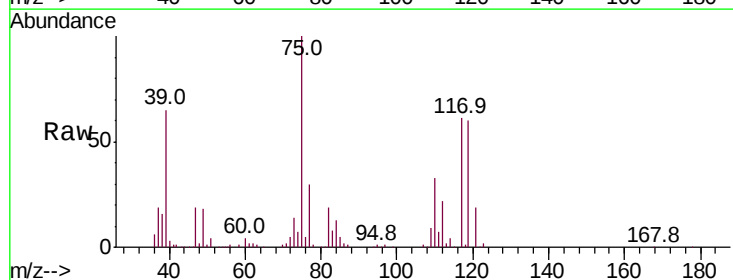
Tgt Ion: 75 Resp: 116888

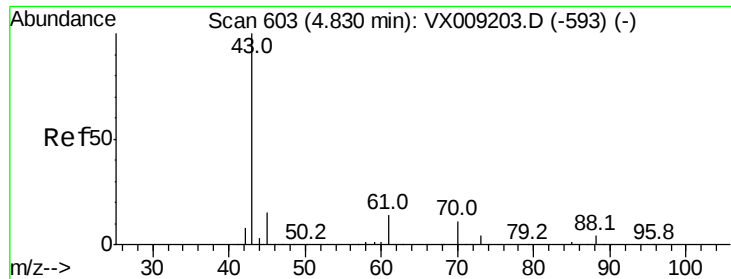
Ion Ratio Lower Upper

75 100

110 33.3 16.9 50.6

77 31.6 24.8 37.2





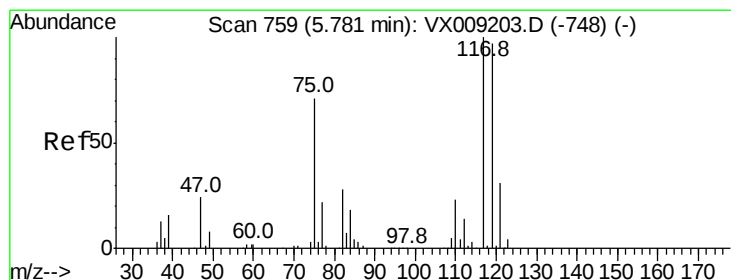
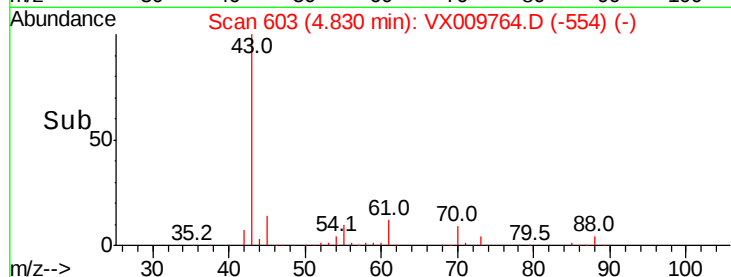
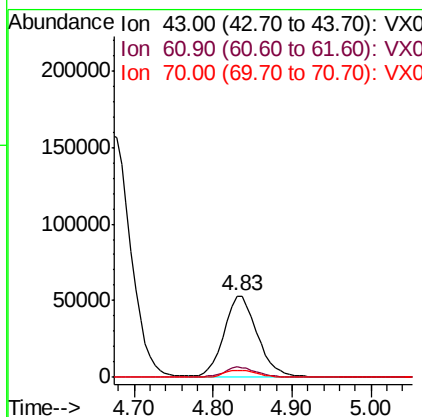
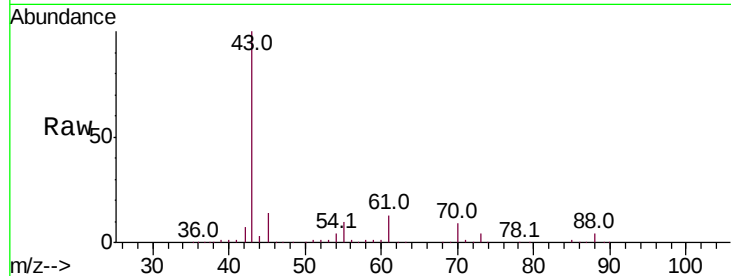
#37
Ethyl Acetate
Concen: 47.107 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MS

Tot Ion	43	Ratio	100	Resp	155072
Ion	43	100		Lower	Upper
	61	12.7		10.5	15.7
	70	9.1		7.9	11.9

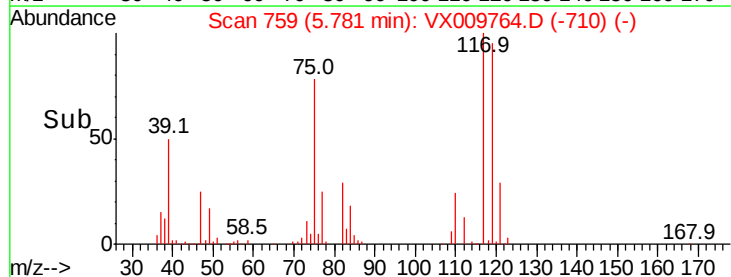
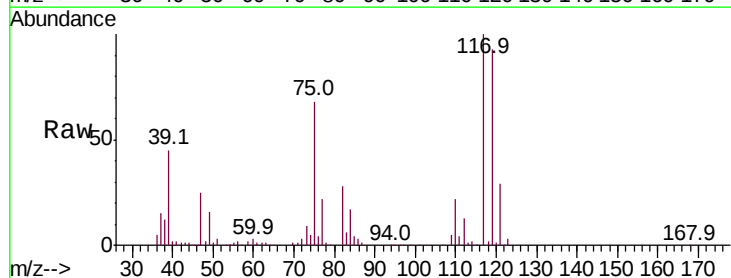
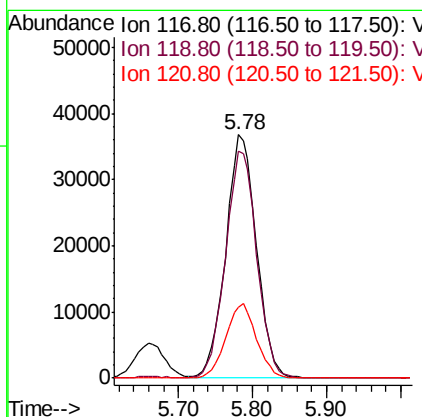
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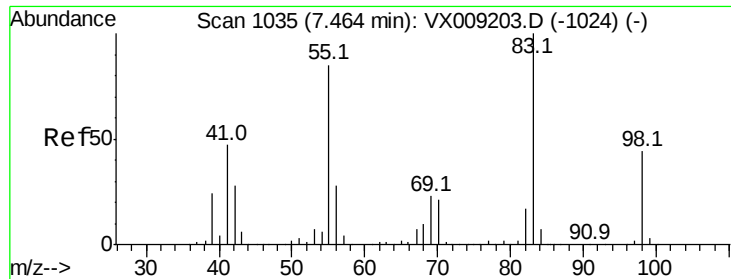
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.456 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	117	Ratio	100	Resp	106164
Ion	117	100		Lower	Upper
	119	93.4		77.5	116.3
	121	28.9		24.7	37.1





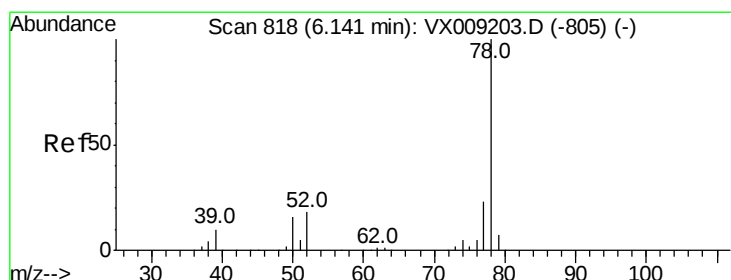
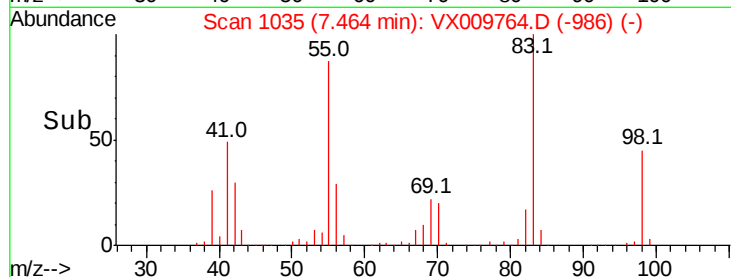
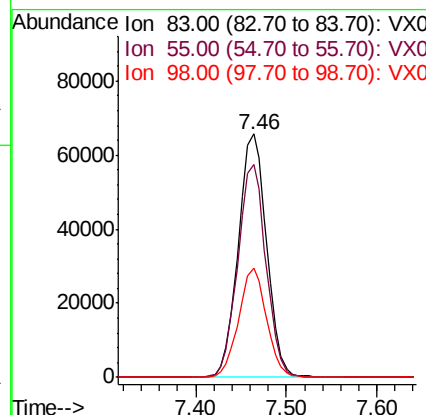
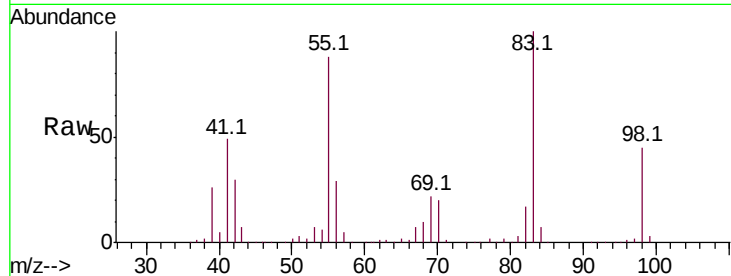
#39
Methvlcvclohexane
Concen: 49.125 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampled :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.5	67.7	101.5
98	44.8	35.5	53.3

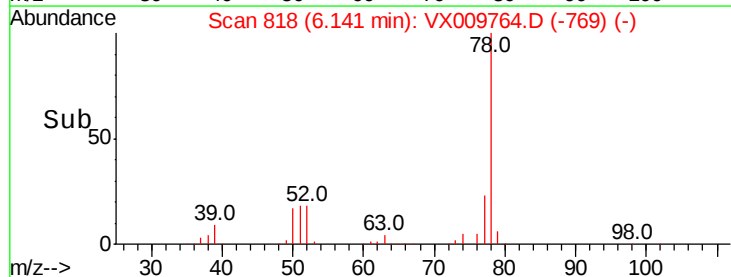
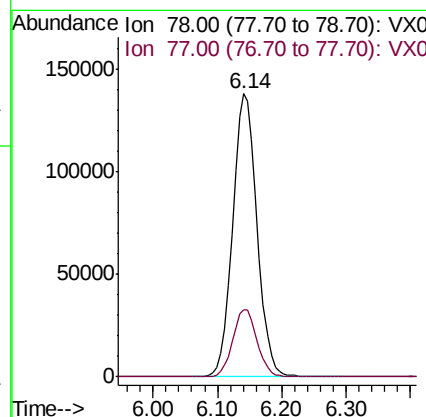
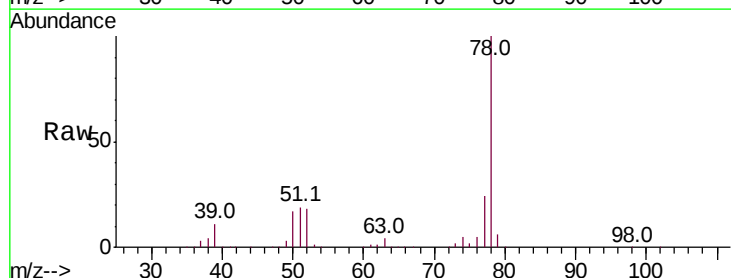
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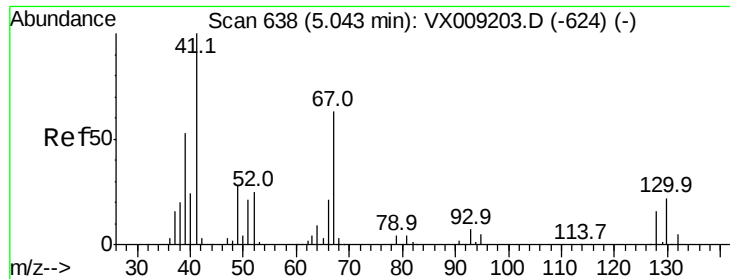
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#40
Benzene
Concen: 49.892 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





#41

Methacrylonitrile

Concen: 50.151 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

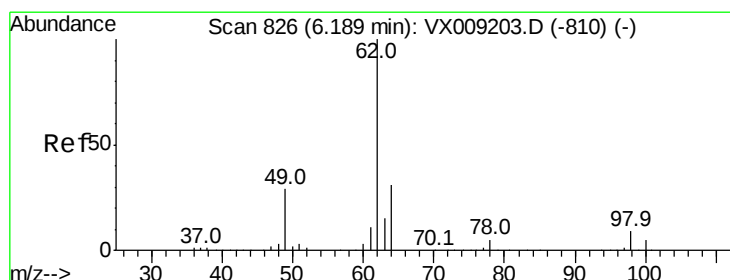
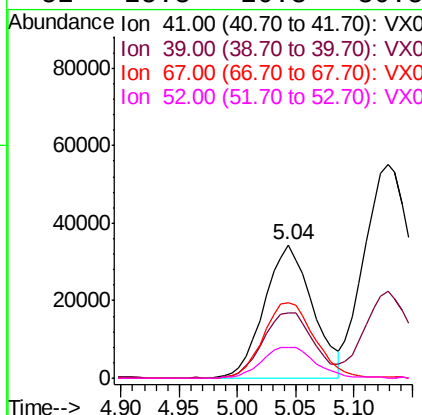
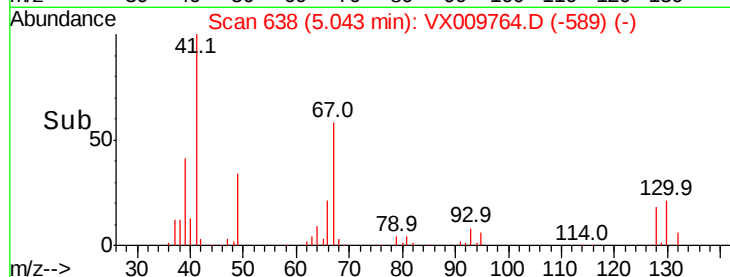
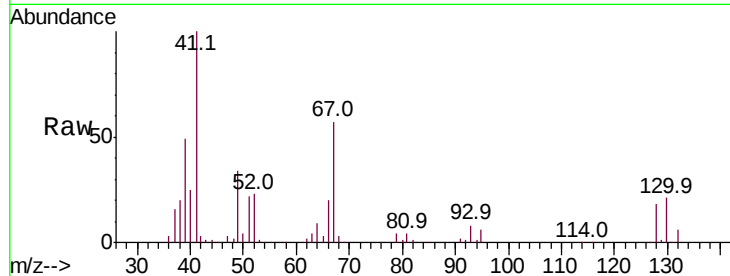
ClientSampleId :

S36-0153MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	42.0	63.0	
67	61.2	49.8	74.8	
52	25.3	20.3	30.5	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.612 ug/l

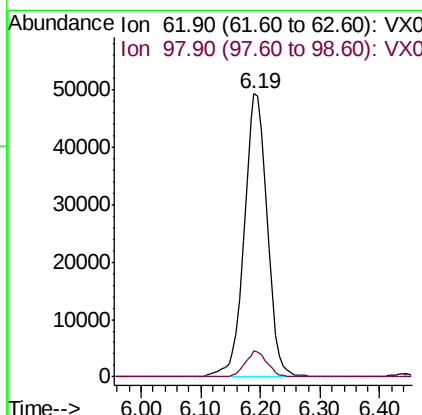
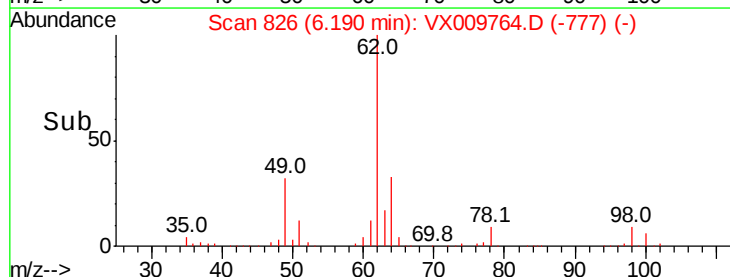
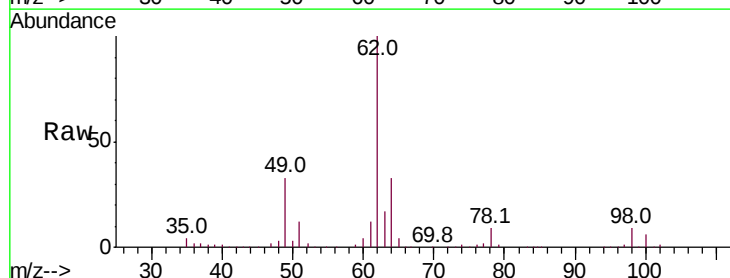
RT: 6.19 min Scan# 826

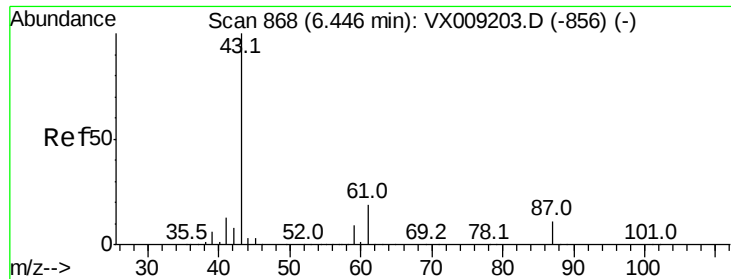
Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	18.2	





#43

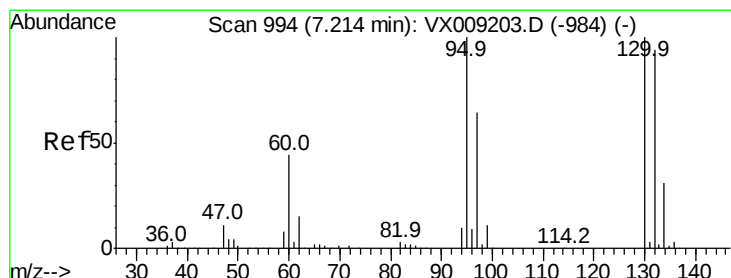
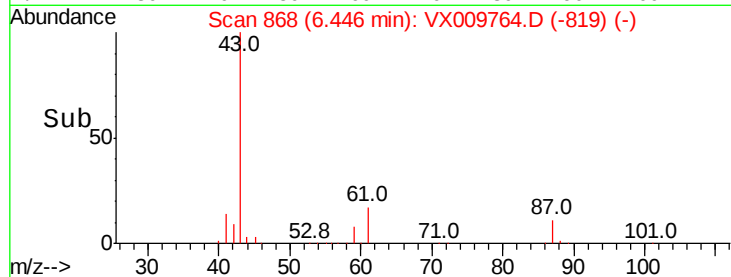
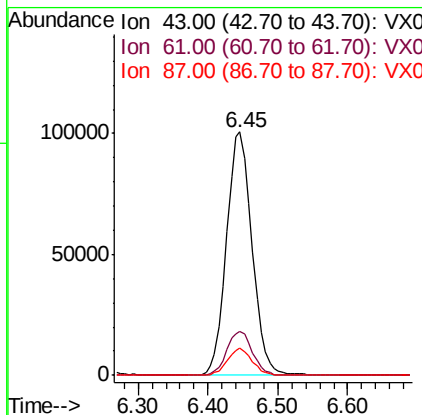
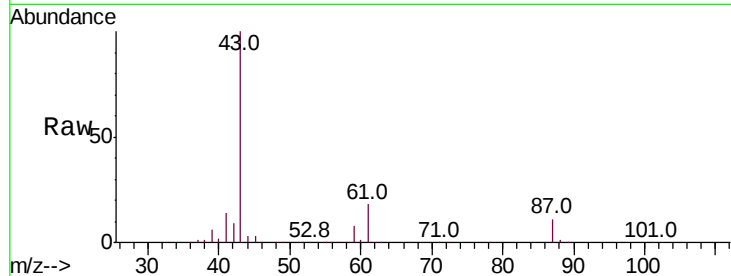
Isopropyl Acetate
 Concen: 48.214 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0153MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.1	22.7
87	10.9	9.0	13.6

Manual Integrations
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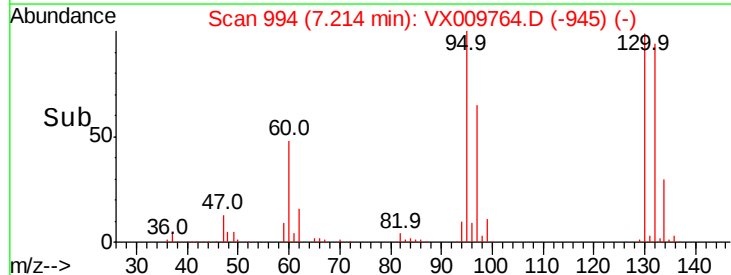
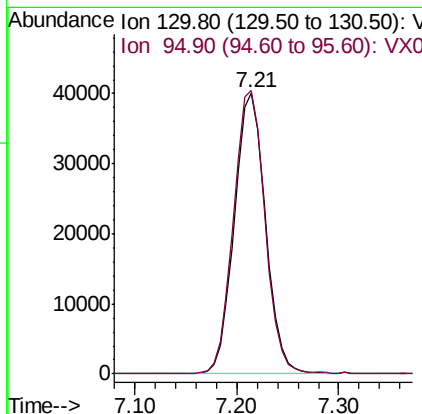
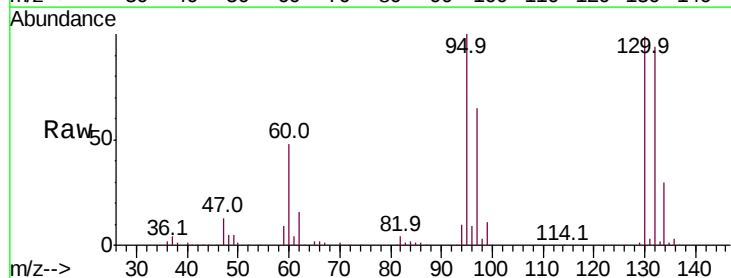
MMDadoda
 5/22/2019 10:39:47 AM

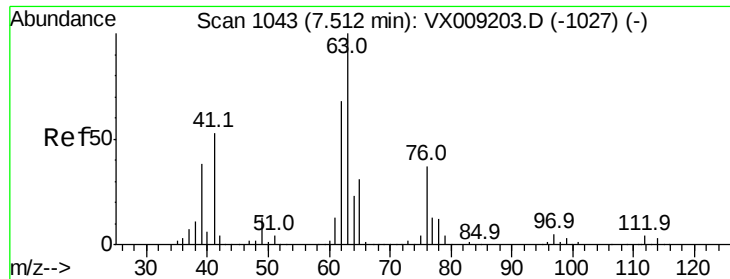


#44

Trichloroethene
 Concen: 47.899 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	199.2





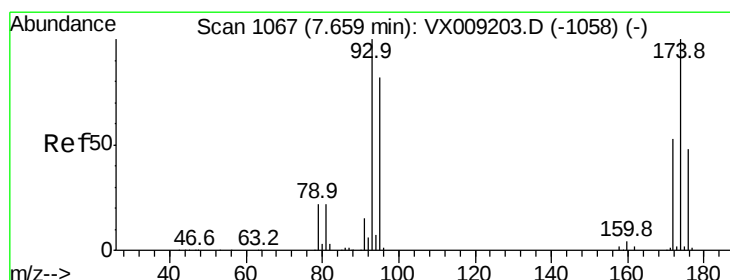
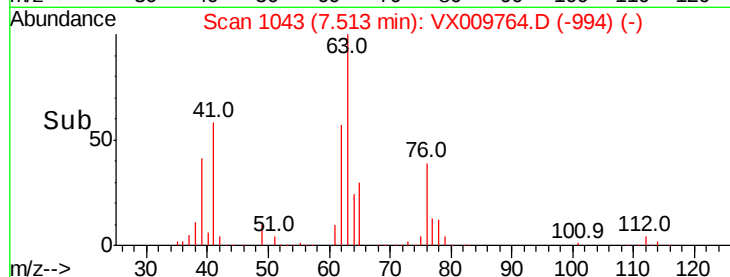
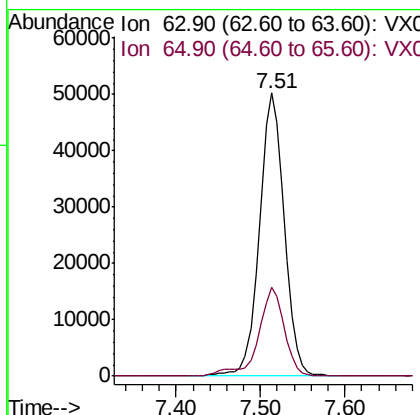
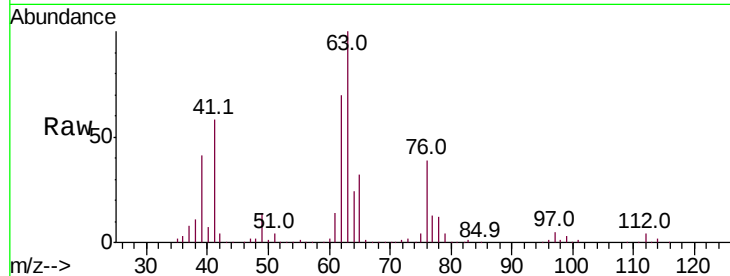
#45
 1,2-Dichloropropane
 Concen: 49.491 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0153MS

Tot Ion: 63 Resp: 102470
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.6

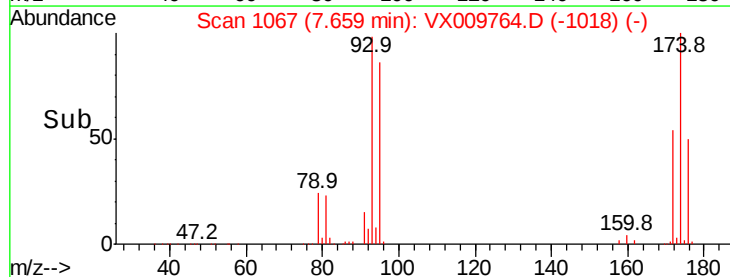
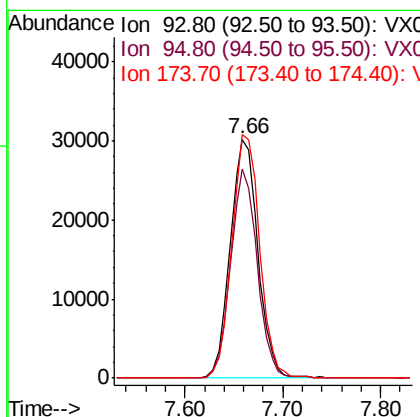
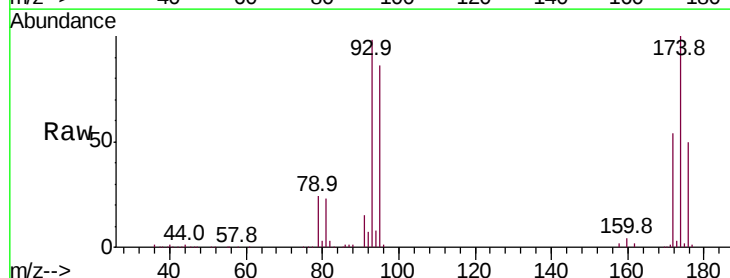
Manual Integrations
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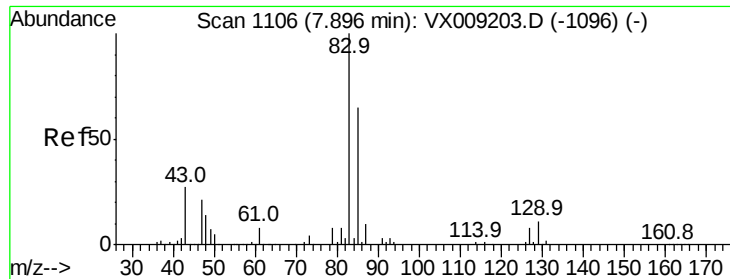
MMDadoda
 5/22/2019 10:39:47 AM



#46
 Dibromomethane
 Concen: 49.210 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion: 93 Resp: 59167
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.5 99.7
 174 102.9 82.1 123.1





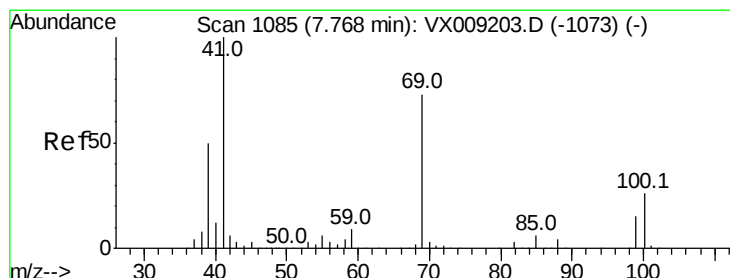
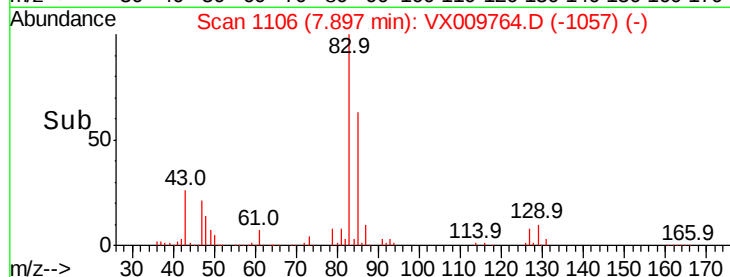
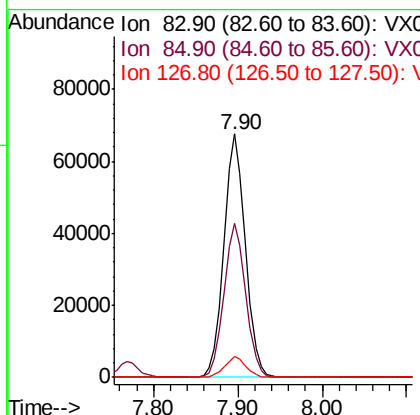
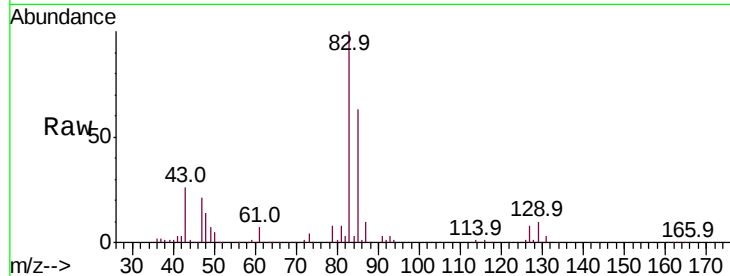
#47
Bromodichloromethane
Concen: 49.491 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	118697		
85	63.2	52.4	78.6	
127	8.4	6.6	10.0	

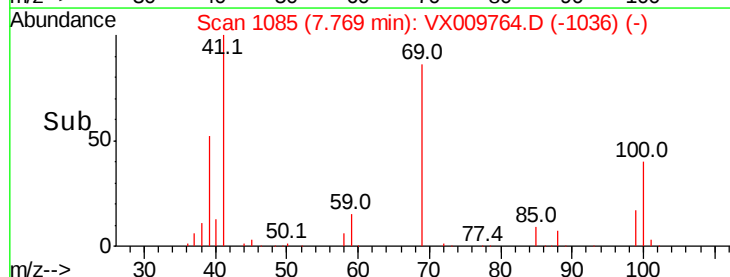
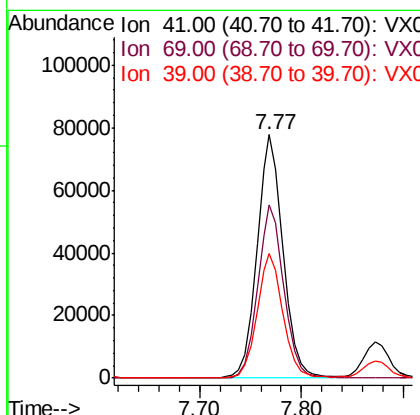
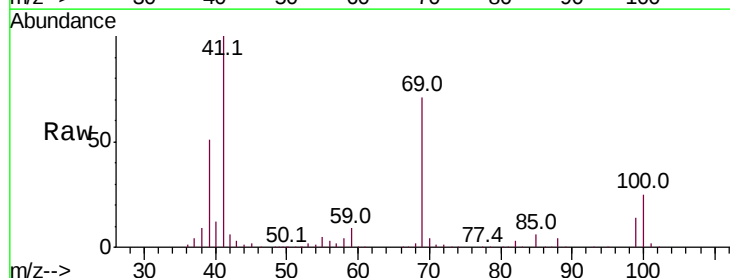
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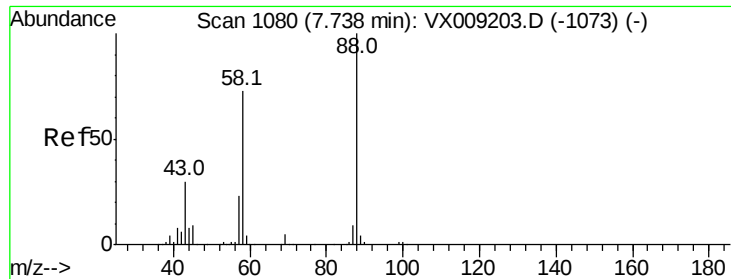
MMDadoda
5/22/2019 10:39:47 AM



#48
Methyl methacrylate
Concen: 52.626 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	137478		
69	71.5	59.1	88.7	
39	51.0	40.4	60.6	





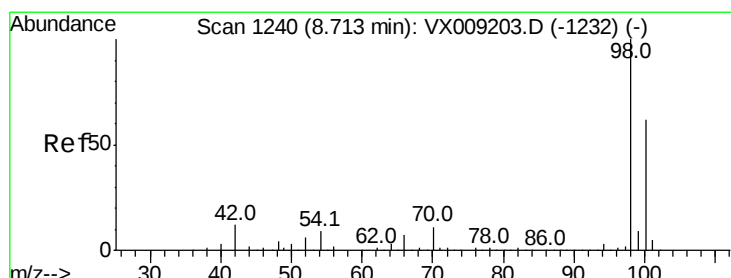
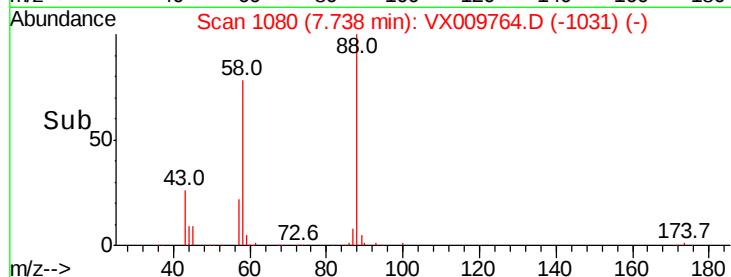
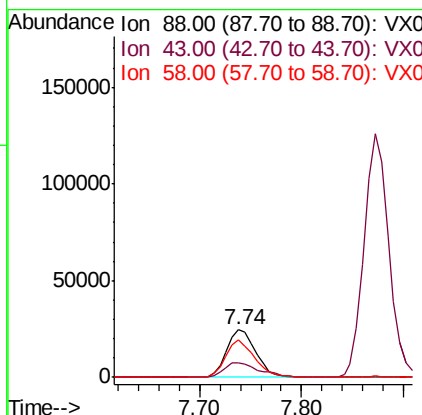
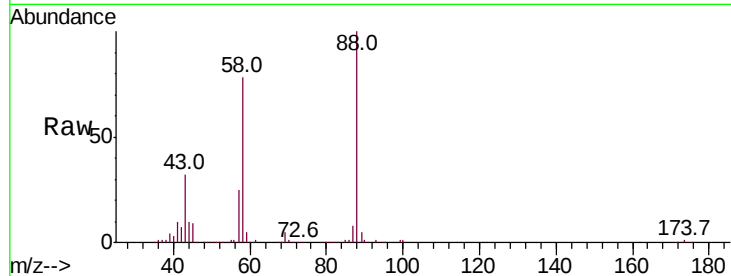
#49
1,4-Dioxane
Concen: 926.831 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	28.6	42.8
58	78.5	61.7	92.5

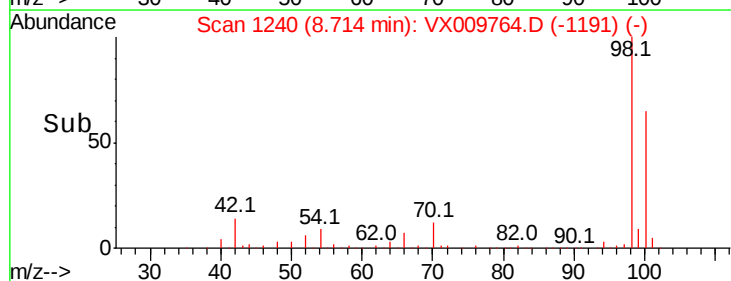
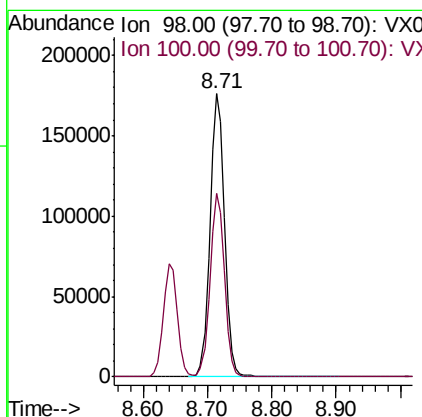
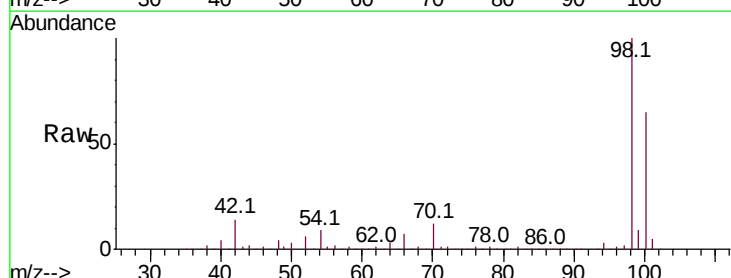
Manual Integrations
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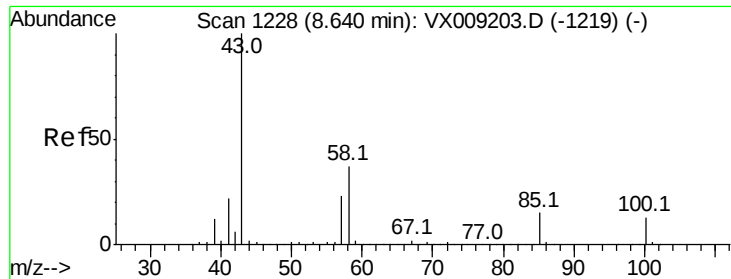
MMDadoda
5/22/2019 10:39:47 AM



#50
Toluene-d8
Concen: 43.036 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8





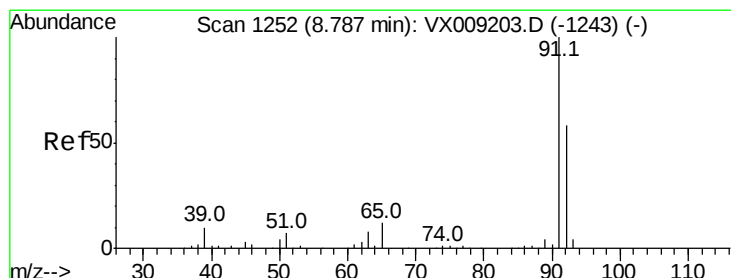
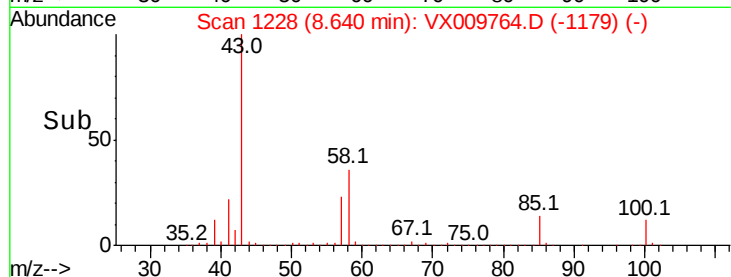
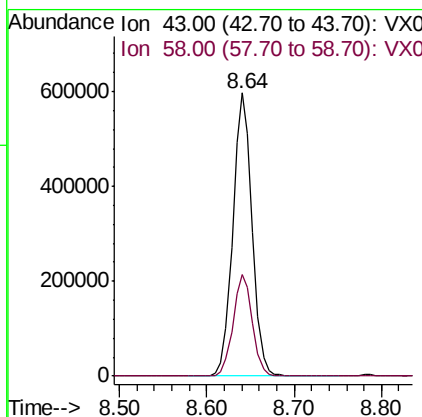
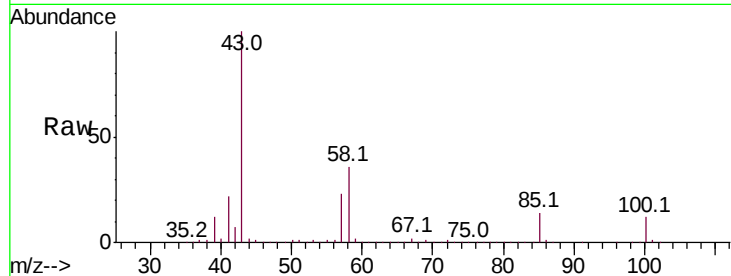
#51
4-Methyl-2-Pentanone
Concen: 266.250 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MS

Tot Ion	43	58	Ratio	100	35.9	Resp	916345	Lower	Upper
Ion	43	58	Ratio	100	35.9	Resp	916345	Lower	Upper
								29.5	44.3

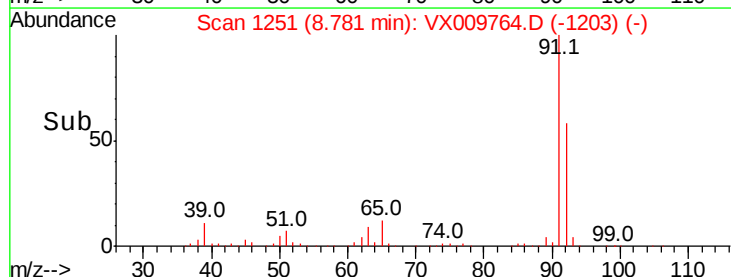
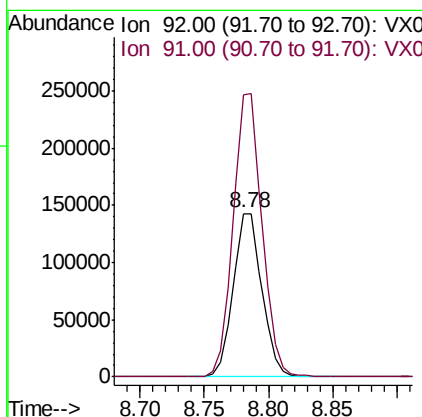
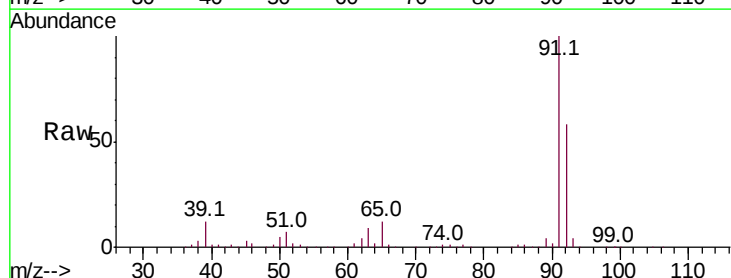
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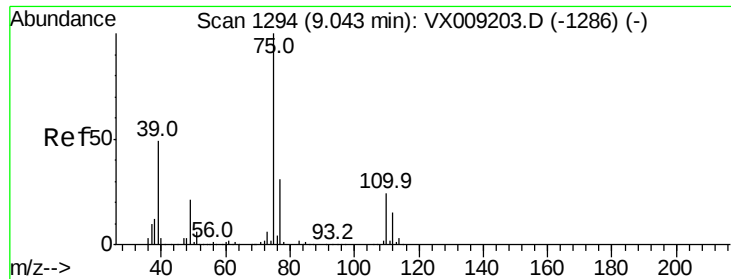
MMDadoda
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#52
Toluene
Concen: 50.044 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	92	91	Ratio	100	174.4	Resp	222435	Lower	Upper
Ion	92	91	Ratio	100	174.4	Resp	222435	Lower	Upper
								138.8	208.2





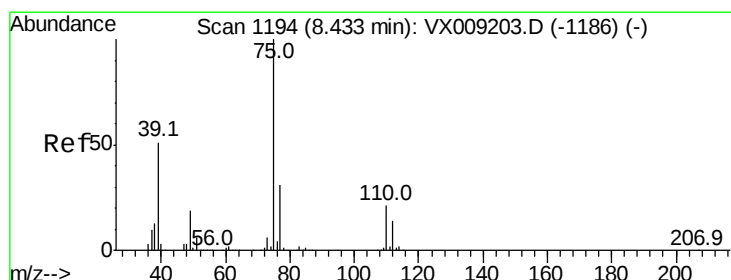
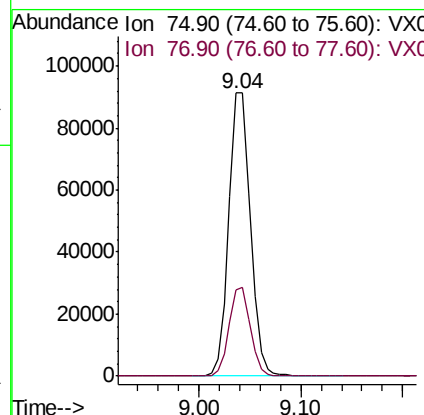
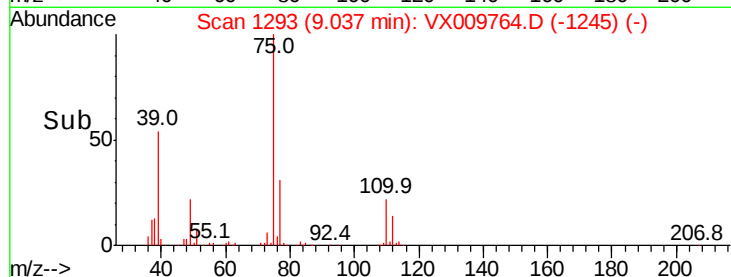
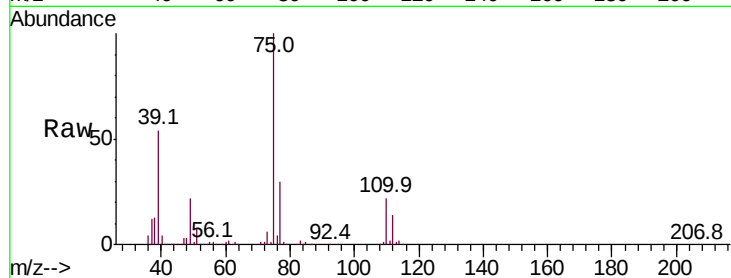
#53
t-1,3-Dichloropropene
Concen: 49.888 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MS

Tot Ion: 75 Resp: 135084
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6

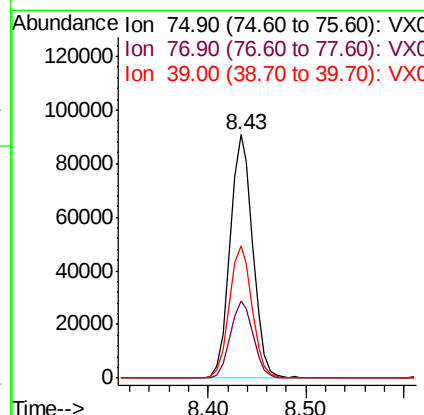
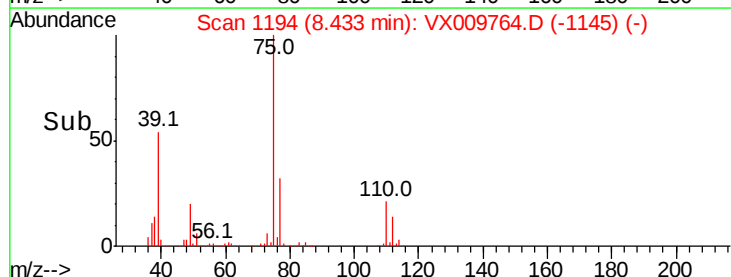
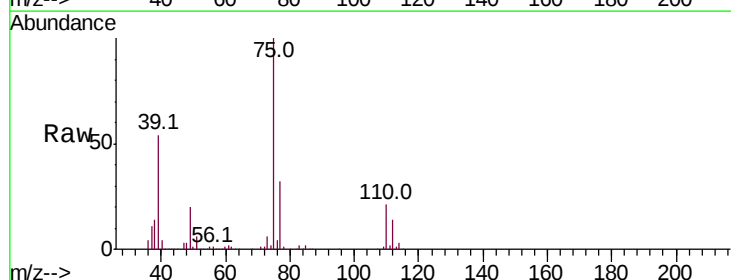
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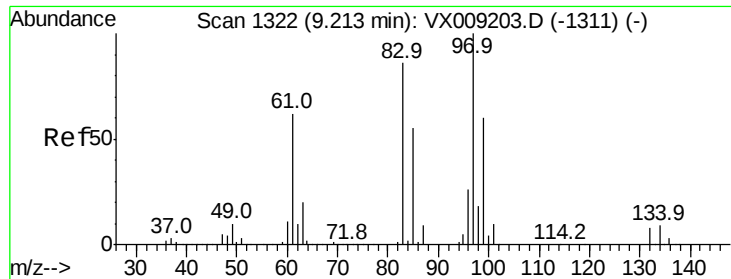
MMDadoda
5/22/2019 10:39:47 AM



#54
cis-1,3-Dichloropropene
Concen: 48.676 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion: 75 Resp: 145886
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 54.2 40.6 60.8





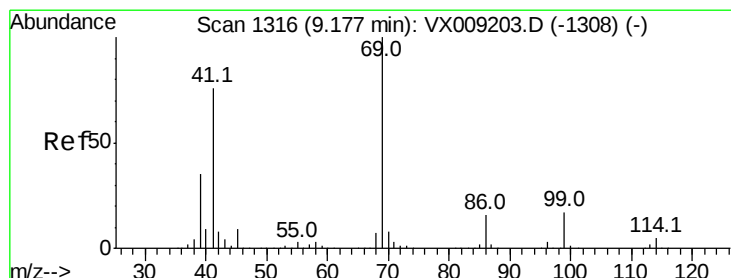
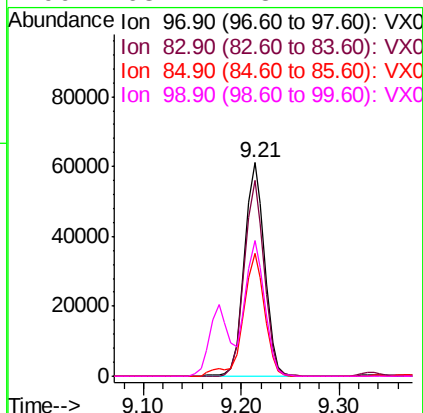
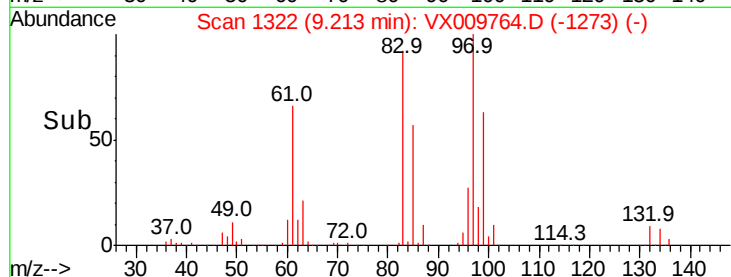
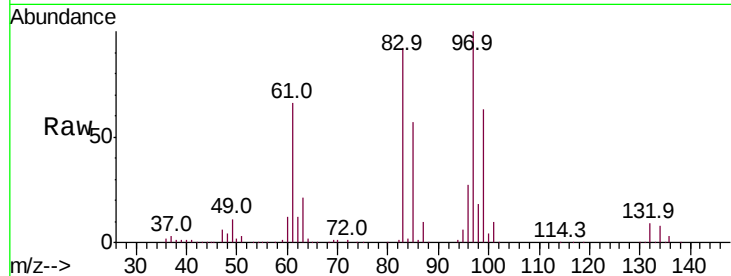
#55
 1,1,2-Trichloroethane
 Concen: 48.642 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion	97	Resp	88205
Ion	Ratio	Lower	Upper
97	100		
83	91.7	68.9	103.3
85	57.5	43.8	65.6
99	63.2	48.2	72.2

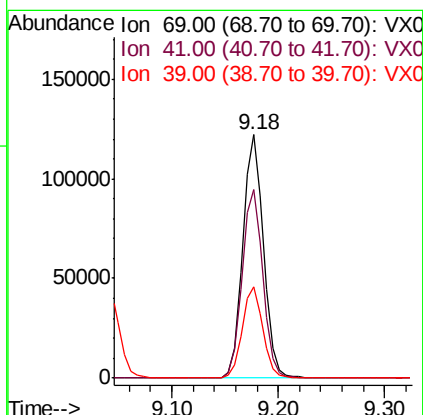
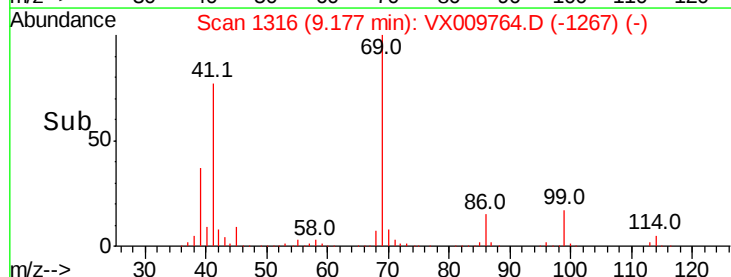
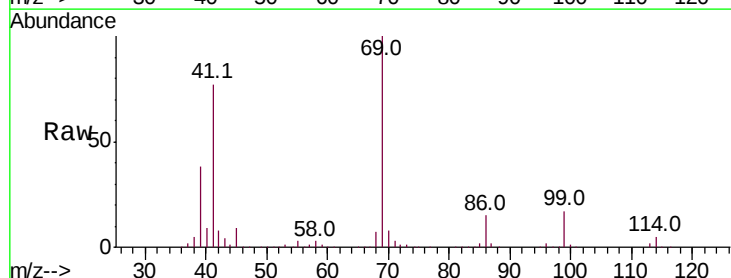
Manual Integrations
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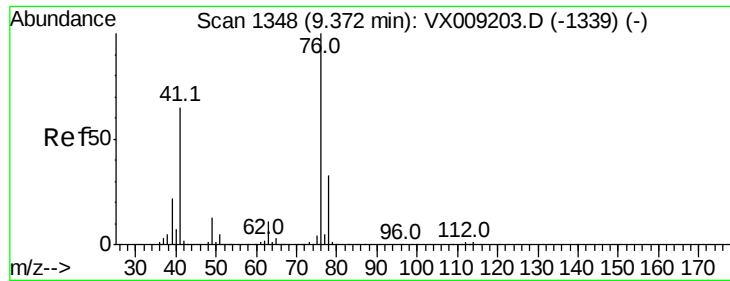
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#56
 Ethyl methacrylate
 Concen: 51.314 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion	69	Resp	166099
Ion	Ratio	Lower	Upper
69	100		
41	77.8	60.6	90.8
39	37.2	28.2	42.4





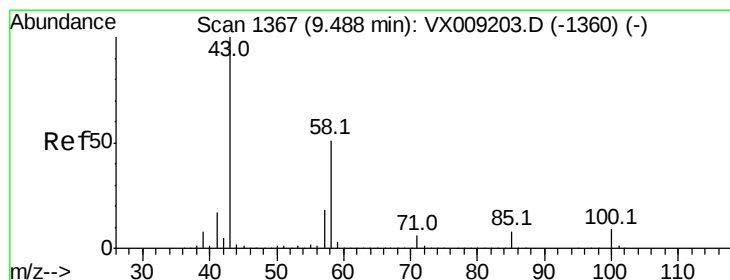
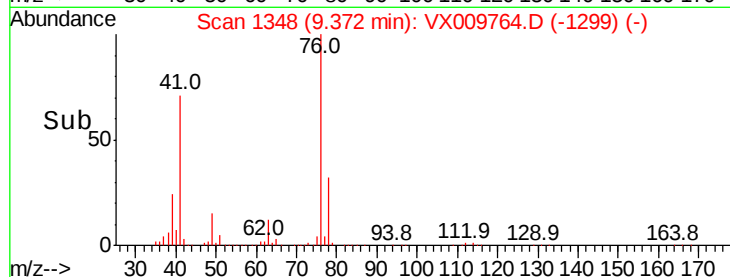
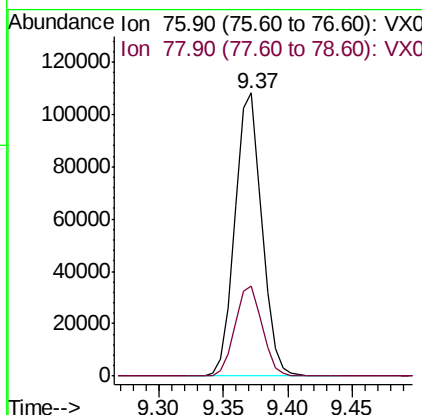
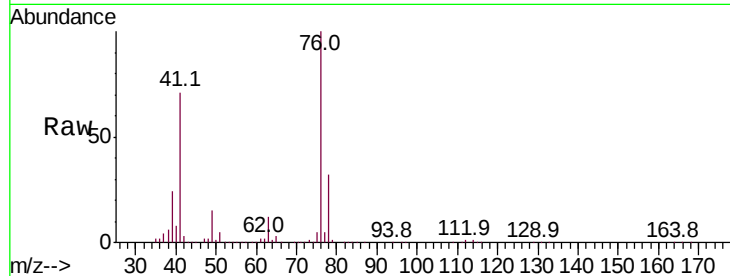
#57
 1,3-Dichloropropane
 Concen: 49.355 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

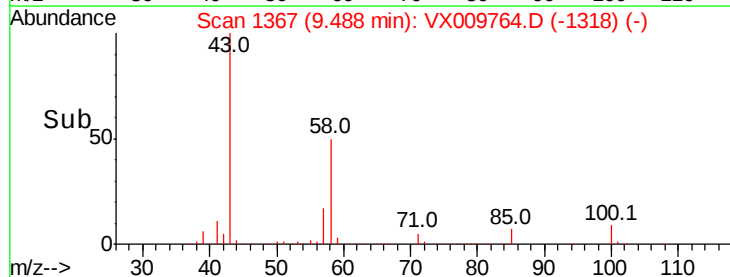
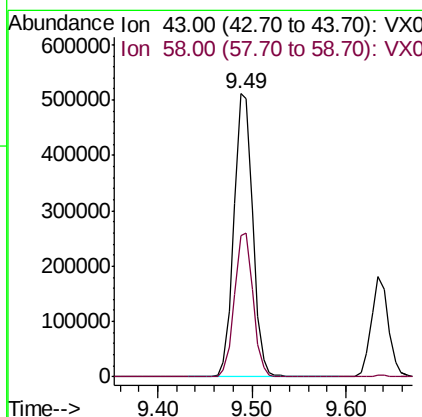
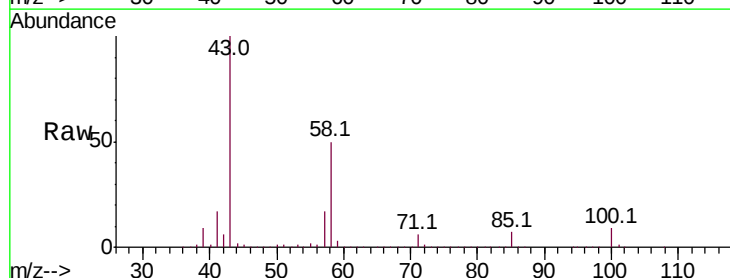
Manual Integrations
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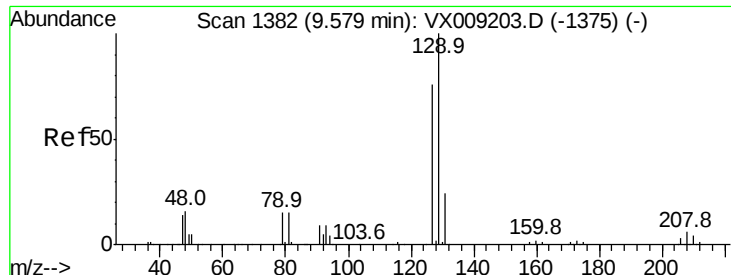
MMDadoda
 5/22/2019 10:39:47 AM



#59
 2-Hexanone
 Concen: 262.639 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.4	25.9	77.7





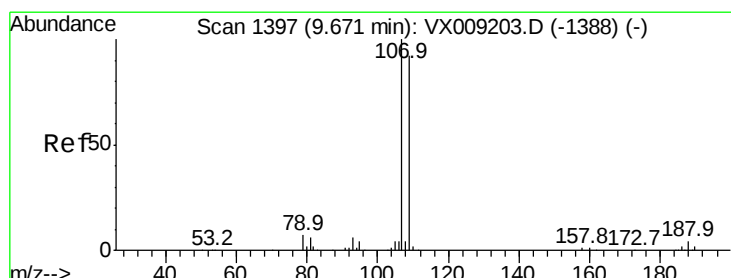
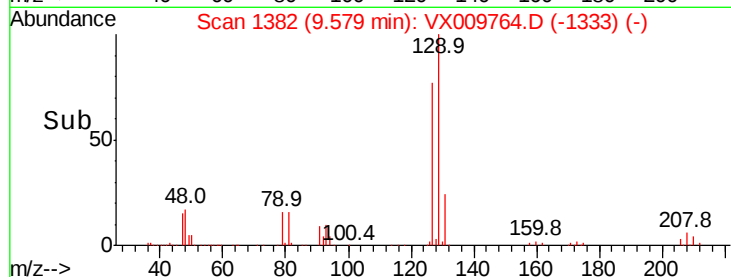
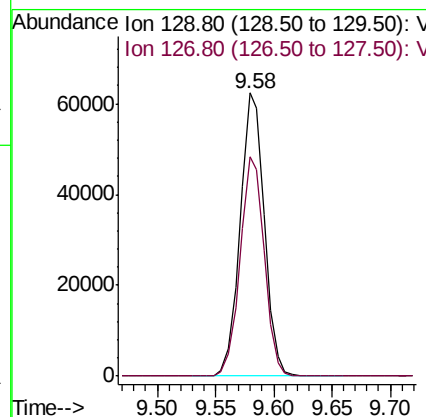
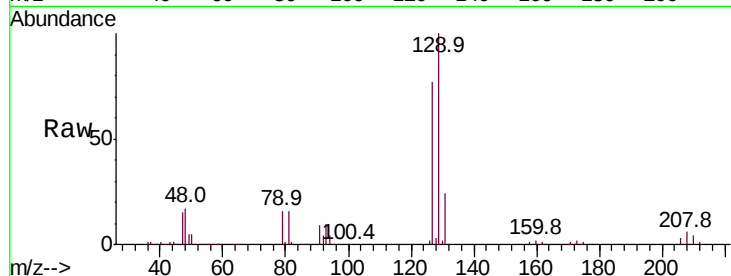
#60
 Dibromochloromethane
 Concen: 50.838 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion:129 Resp: 90038
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.4 115.1

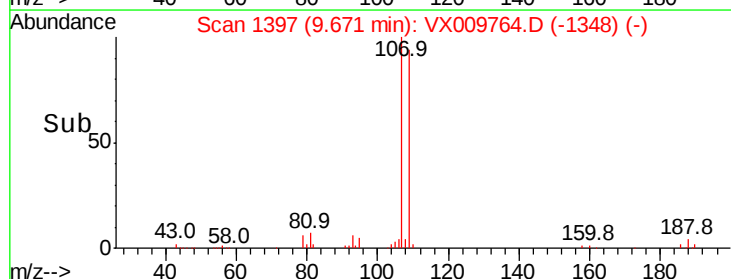
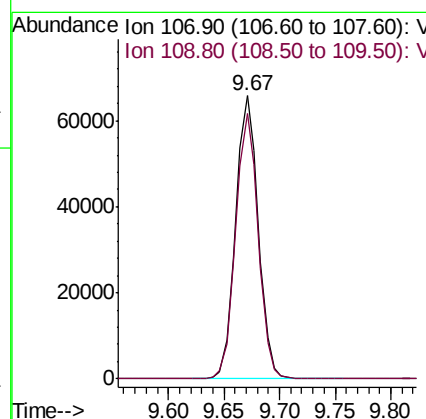
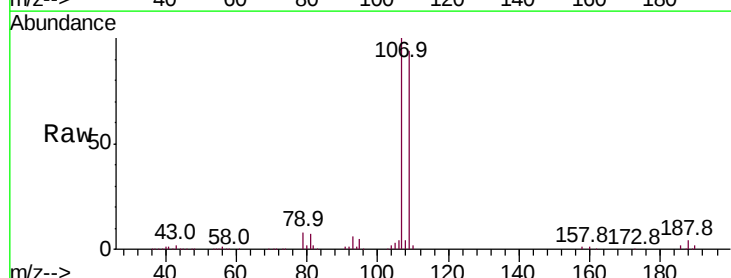
Manual Integrations
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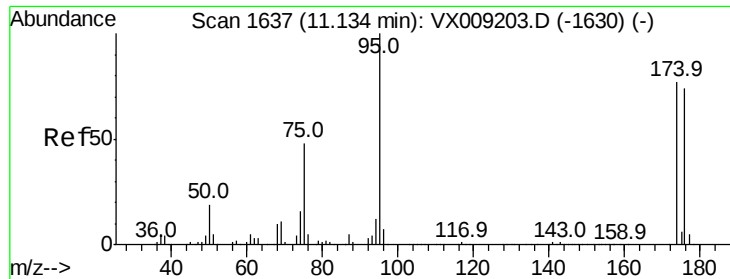
MMDadoda
 5/22/2019 10:39:47 AM



#61
 1,2-Dibromoethane
 Concen: 50.517 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion:107 Resp: 92468
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.2 112.8





#62

4-Bromofluorobenzene

Concen: 45.249 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

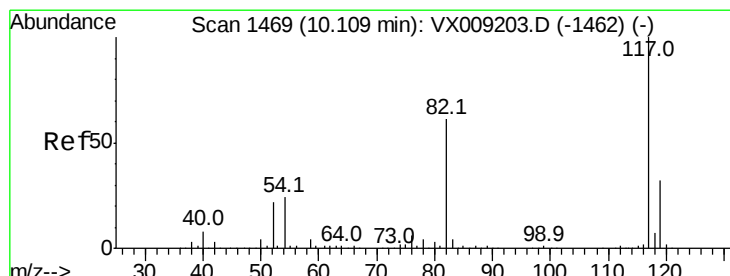
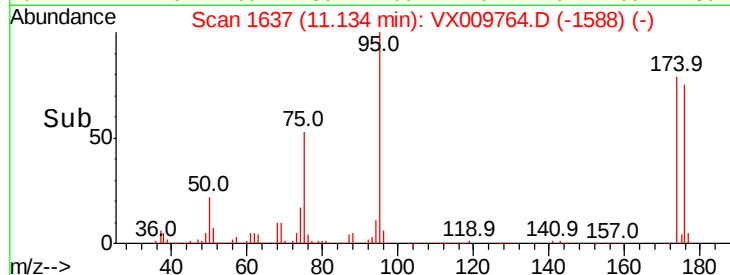
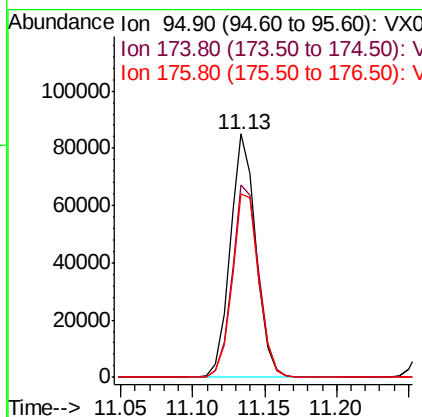
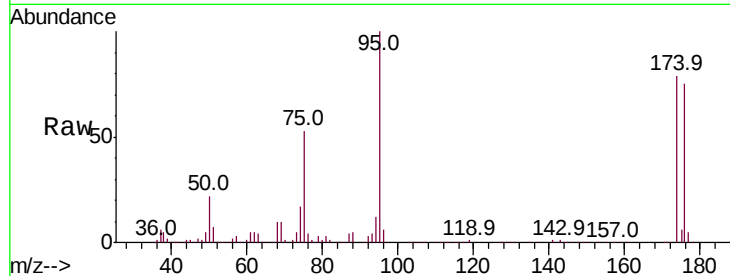
ClientSampled :

S36-0153MS

Tot Ion:	95	Resp:	106090
Ion Ratio	Lower	Upper	
95	100		
174	81.5	0.0	161.6
176	78.2	0.0	159.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

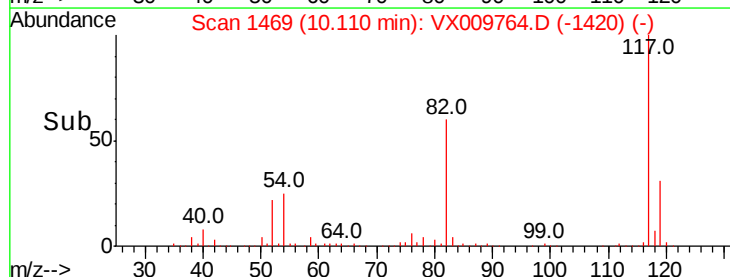
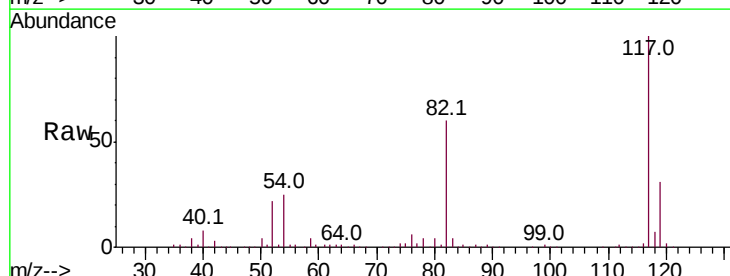
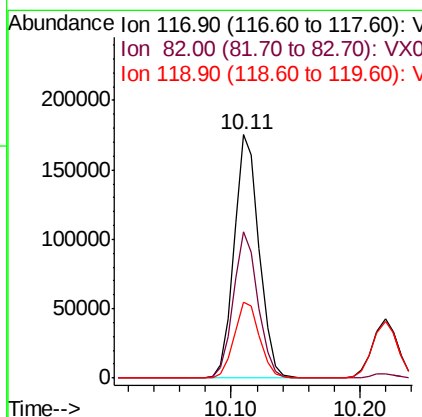
RT: 10.11 min Scan# 1469

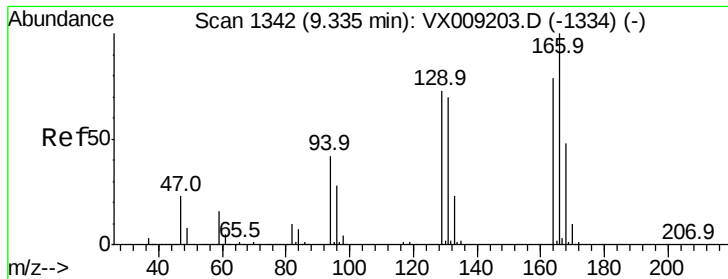
Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Tgt Ion:	117	Resp:	235882
Ion Ratio	Lower	Upper	
117	100		
82	59.8	48.8	73.2
119	31.1	25.8	38.6





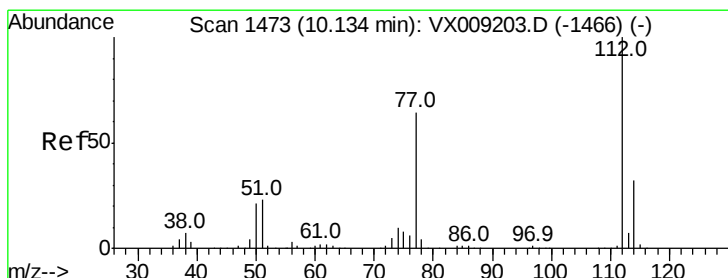
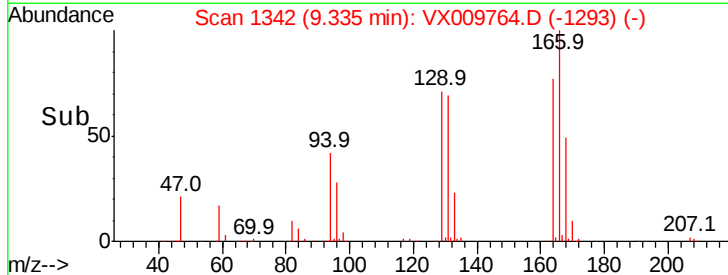
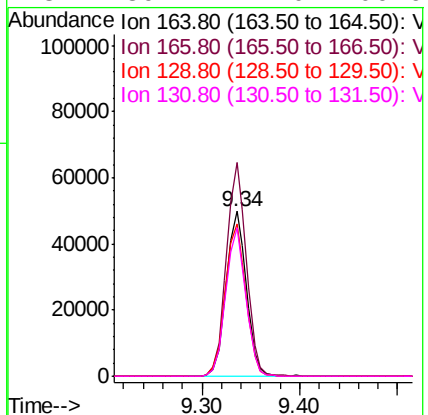
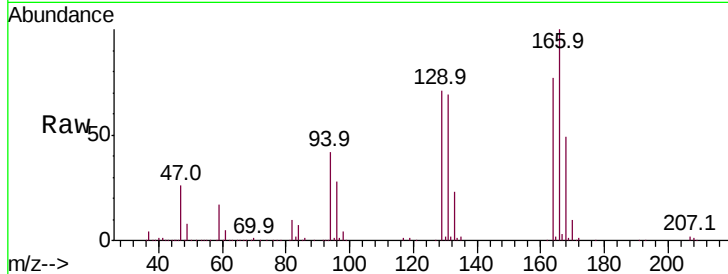
#64
Tetrachloroethene
Concen: 44.174 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.2	151.8
129	92.2	74.3	111.5
131	89.7	71.0	106.6

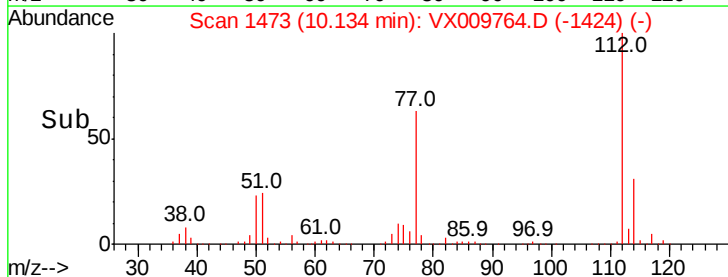
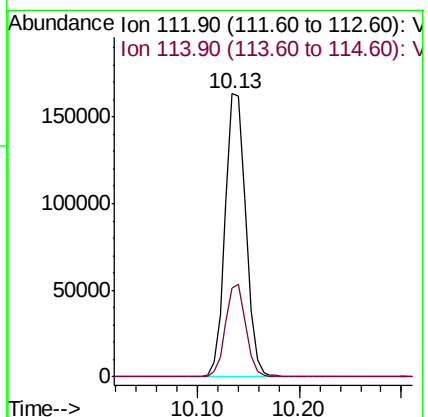
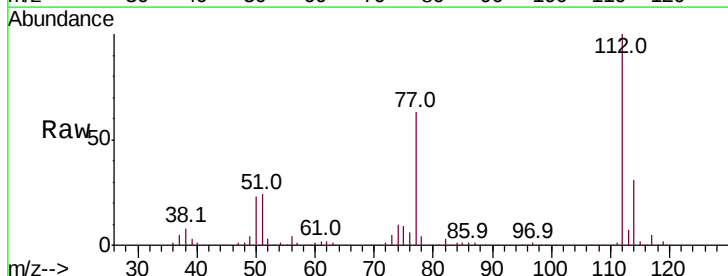
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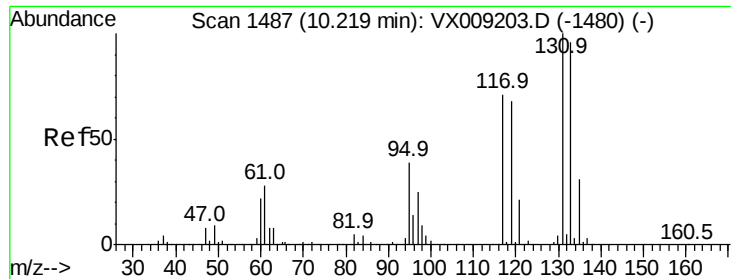
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#65
Chlorobenzene
Concen: 48.603 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.5	38.3





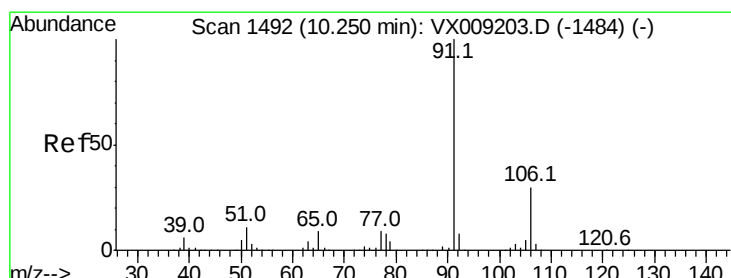
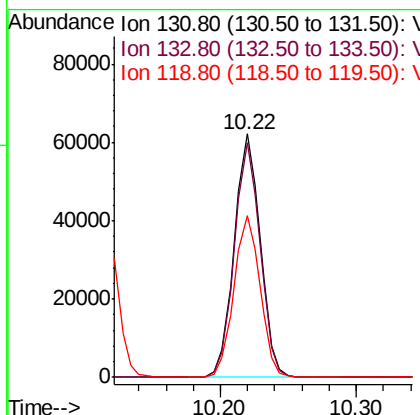
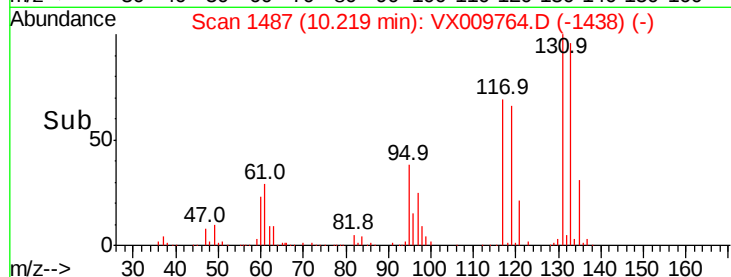
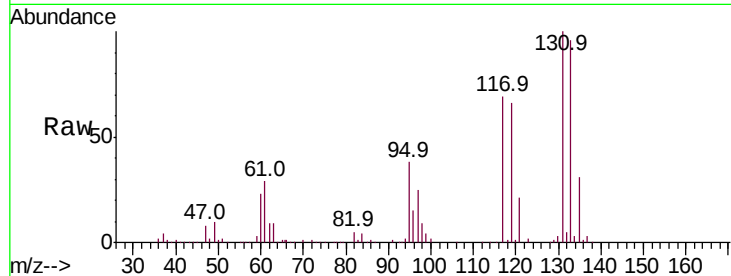
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.410 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.7	143.1
119	66.8	33.5	100.4

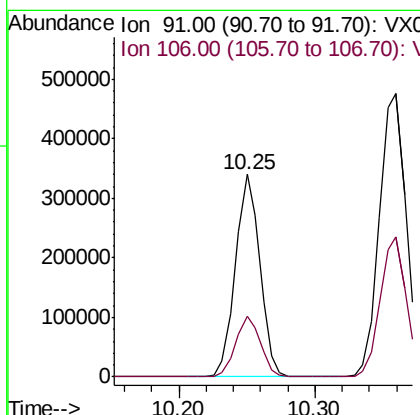
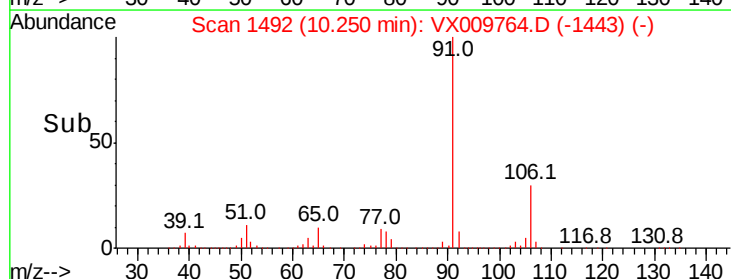
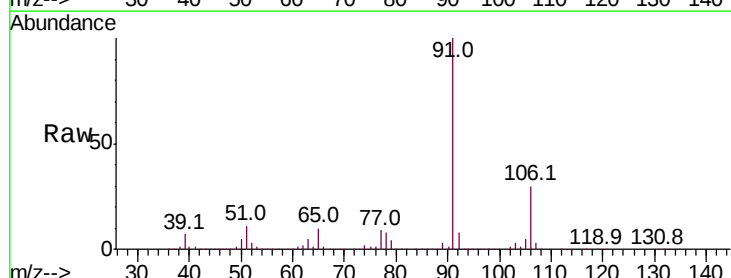
Manual Integrations
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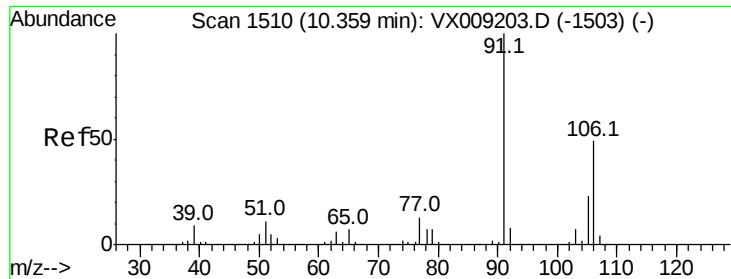
MMDadoda
 5/22/2019 10:39:47 AM



#67
 Ethyl Benzene
 Concen: 49.077 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.0	36.0





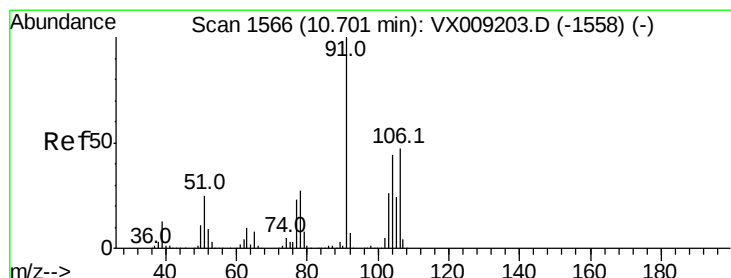
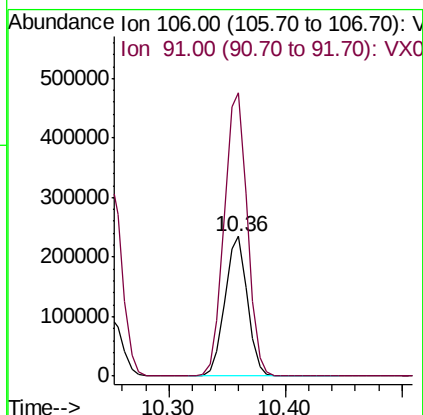
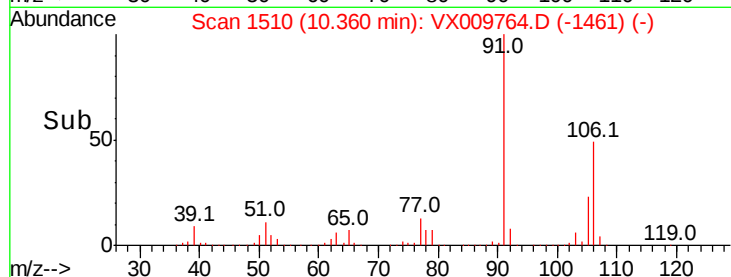
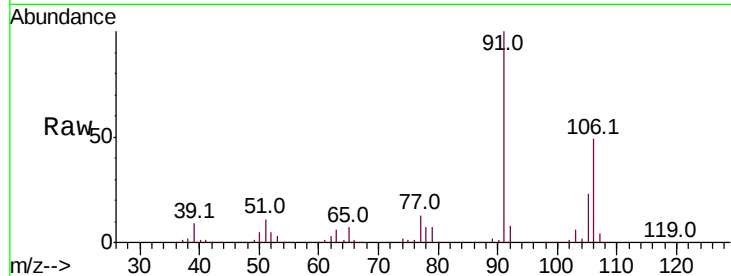
#68
m/p-Xylenes
Concen: 98.552 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampled :
S36-0153MS

Tot Ion:106 Resp: 312754
Ion Ratio Lower Upper
106 100
91 208.6 164.0 246.0

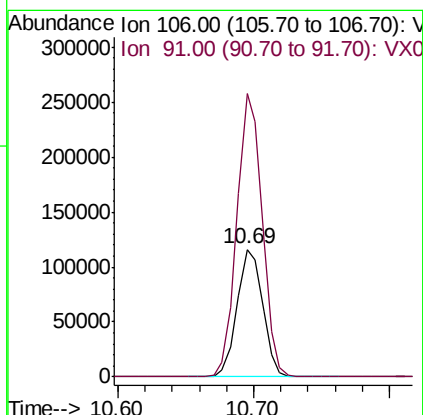
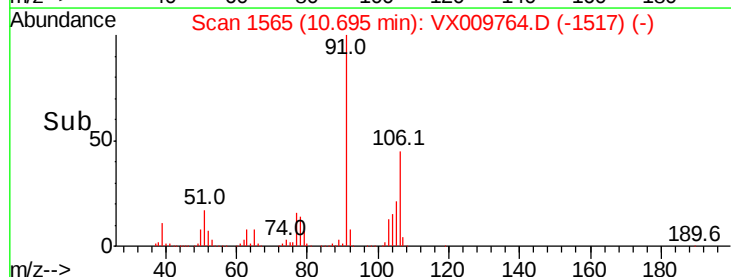
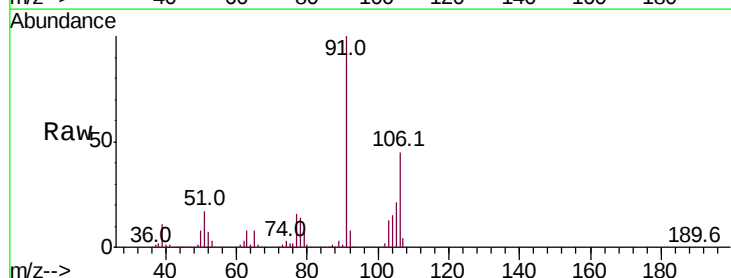
Manual Integrations
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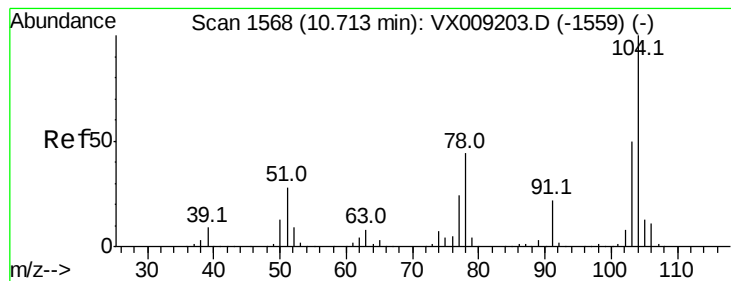
MMDadoda
5/22/2019 10:39:47 AM



#69
o-Xylene
Concen: 48.714 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion:106 Resp: 152529
Ion Ratio Lower Upper
106 100
91 218.8 109.5 328.4





#70

Stvrene

Concen: 49.446 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

ClientSampled :

S36-0153MS

Tot Ion:104 Resp: 269088

Ion Ratio Lower Upper

104 100

78 51.9 41.0 61.4

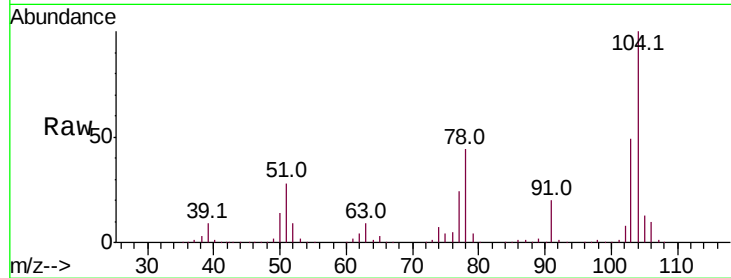
103 55.0 43.8 65.6

Manual Integrations

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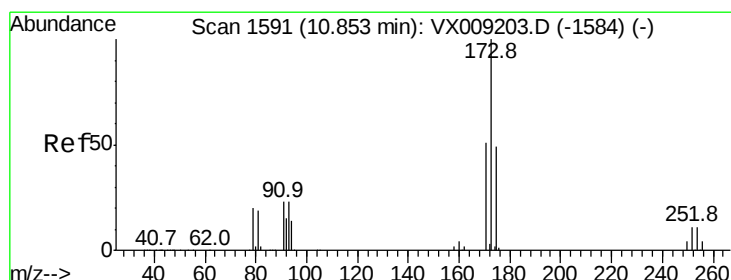
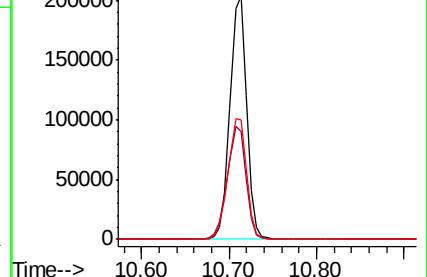
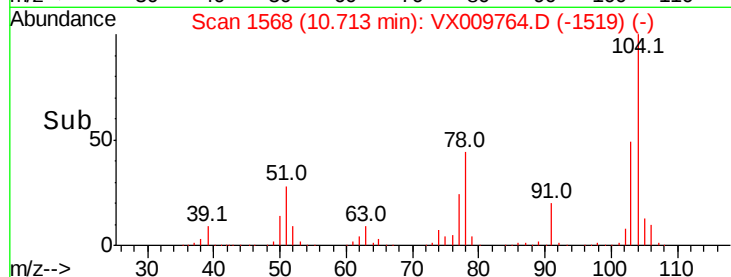
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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 49.555 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

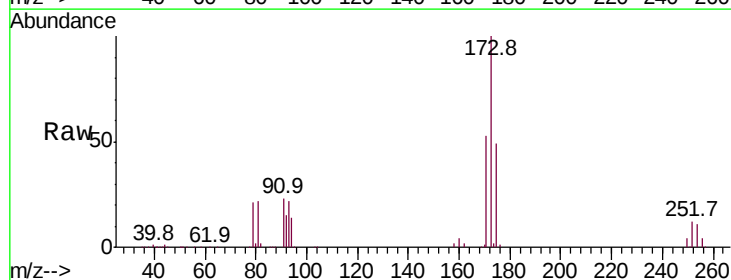
Tgt Ion:173 Resp: 68893

Ion Ratio Lower Upper

173 100

175 48.3 24.5 73.5

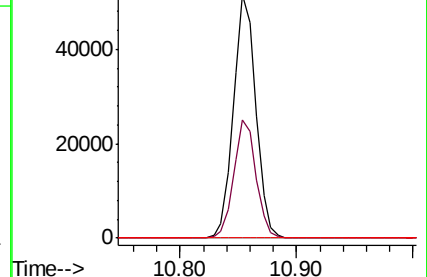
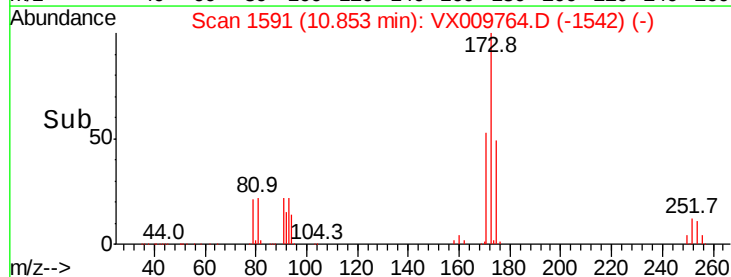
254 0.1 0.1 0.1#

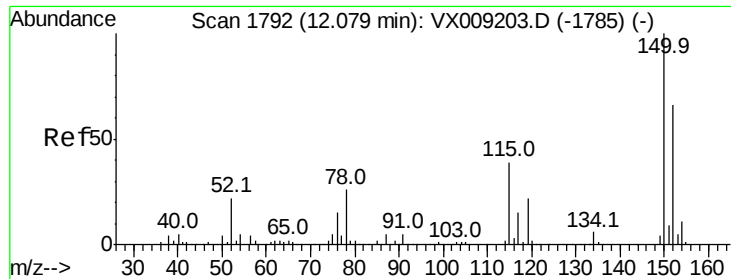


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

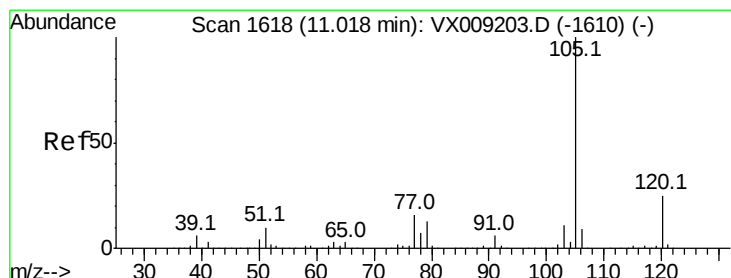
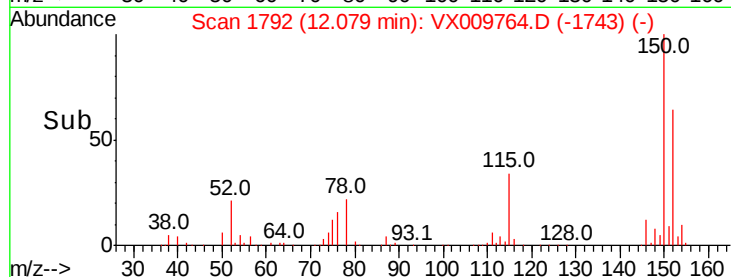
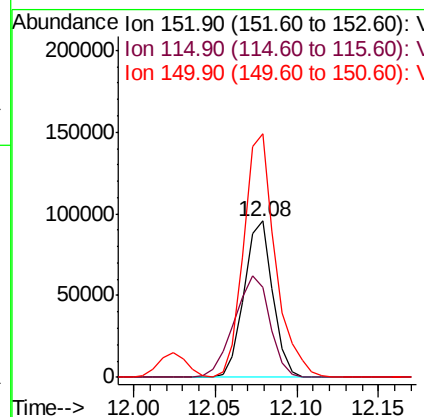
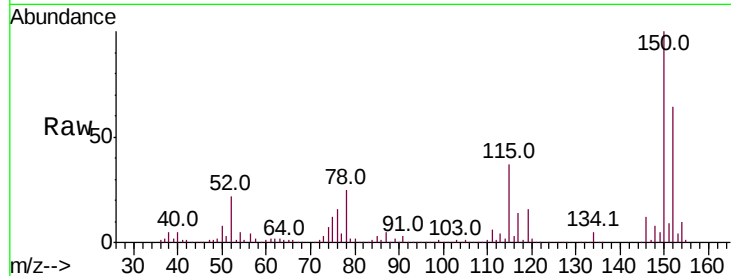
ClientSampleId :

S36-0153MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	80.6	41.2	123.6
150	171.8	0.0	346.4

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#73

Isopropylbenzene

Concen: 47.780 ug/l

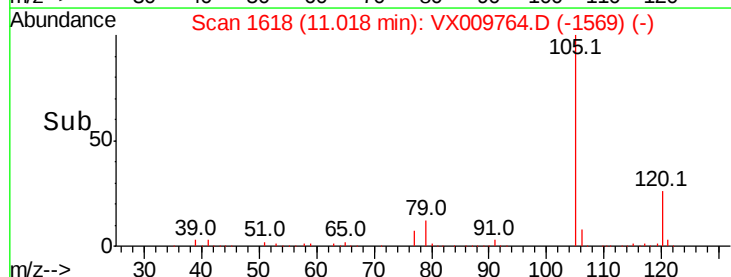
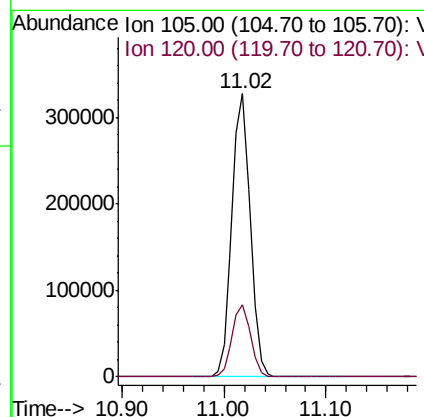
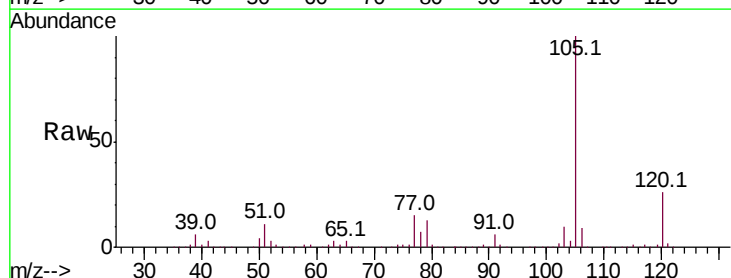
RT: 11.02 min Scan# 1618

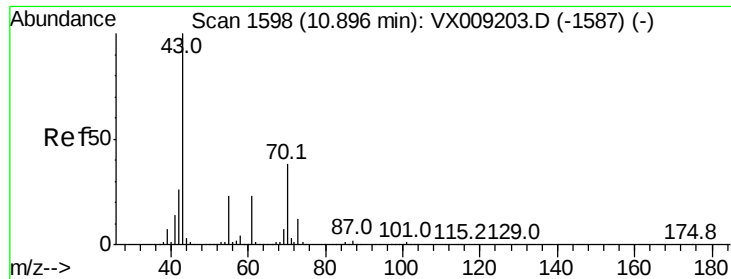
Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.3





#74

N-amvl acetate

Concen: 44.918 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

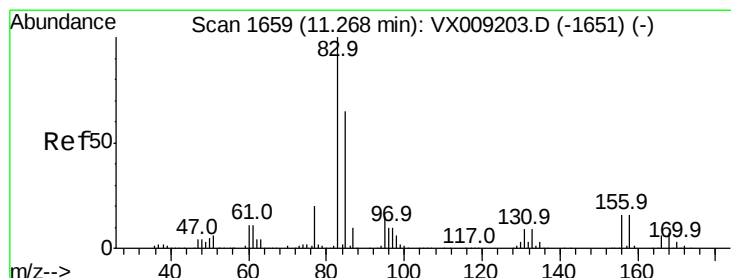
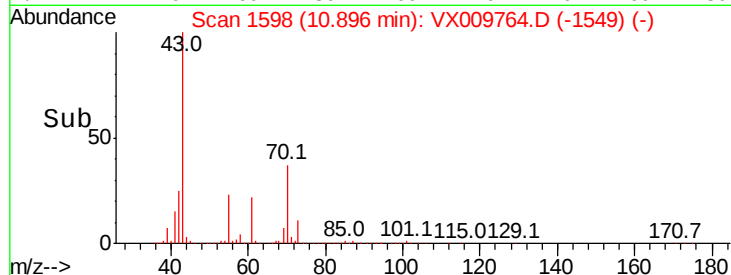
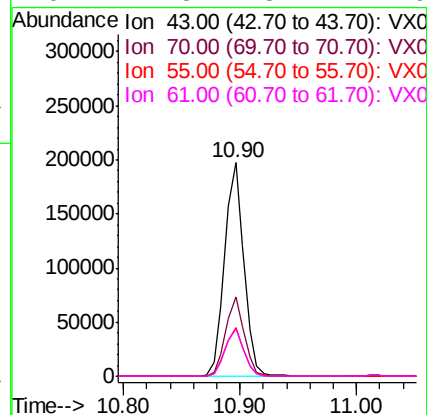
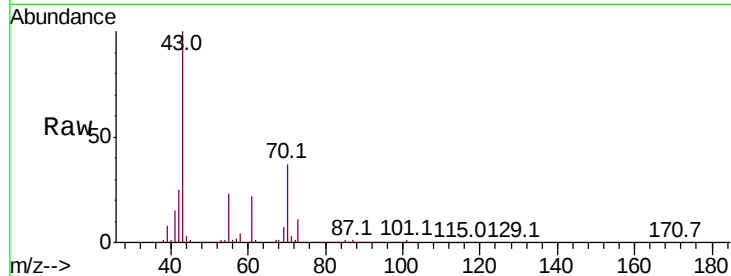
ClientSampled :

S36-0153MS

Tot Ion	43	Resp	223424
Ion Ratio	Lower	Upper	
43	100		
70	36.3	30.0	45.0
55	22.4	17.9	26.9
61	21.8	18.4	27.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 48.000 ug/l

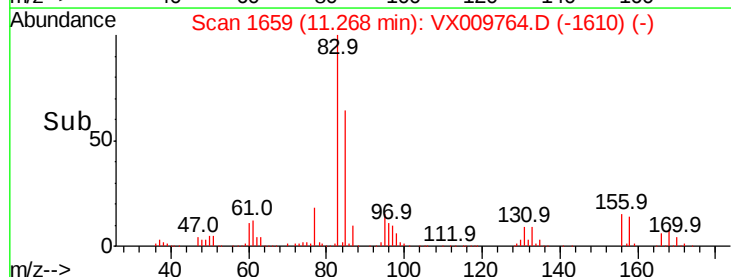
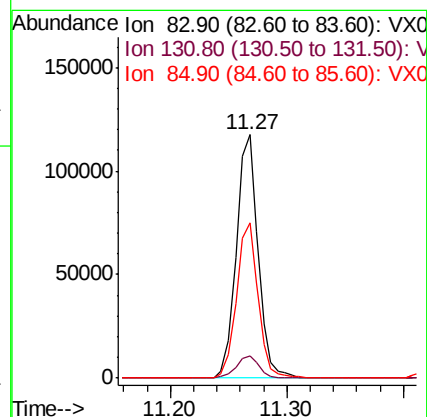
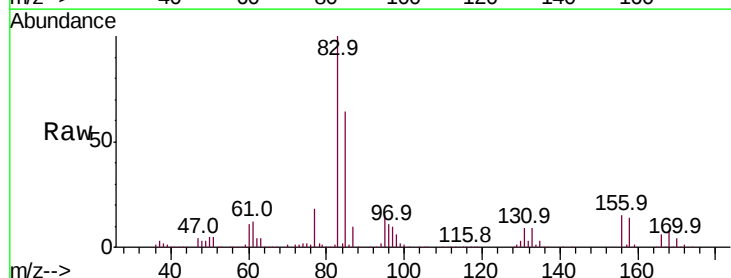
RT: 11.27 min Scan# 1659

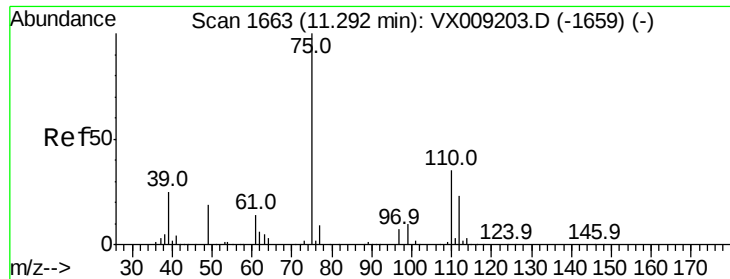
Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Tgt Ion	83	Resp	152664
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.6	13.8
85	63.4	32.0	96.2





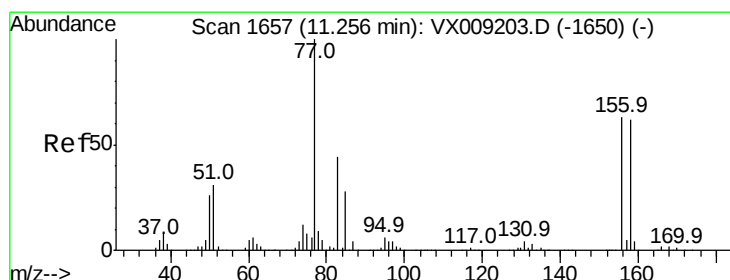
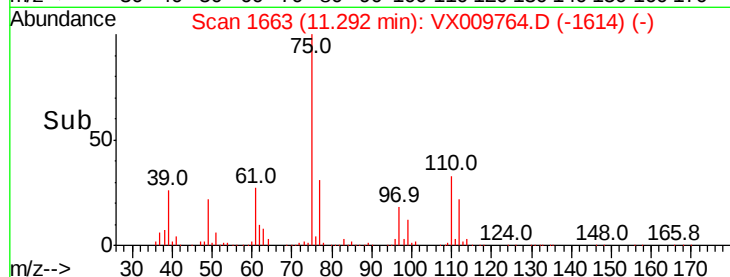
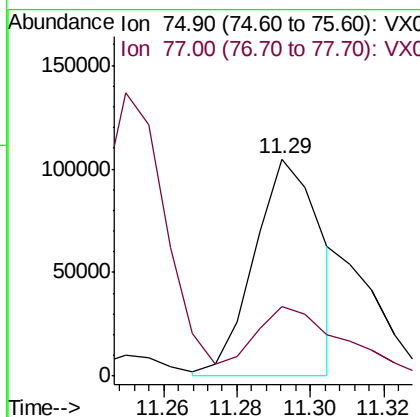
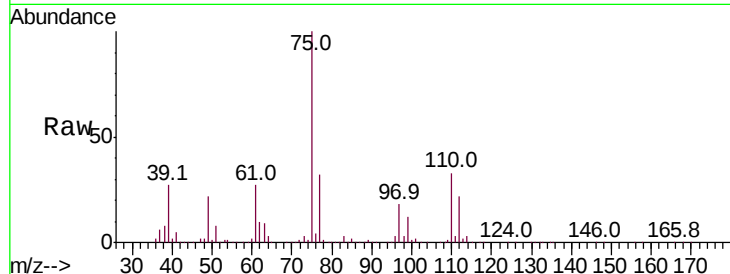
#76
1,2,3-Trichloropropane
Concen: 48.455 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	42.9	22.1	66.1

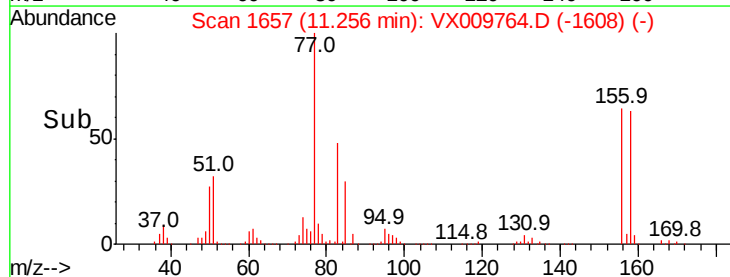
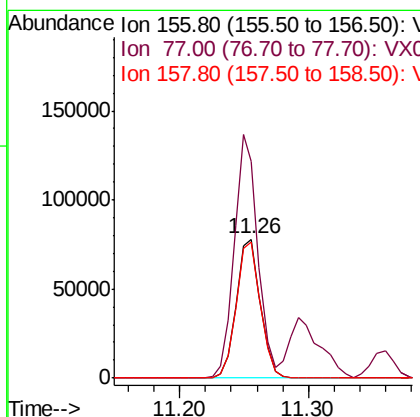
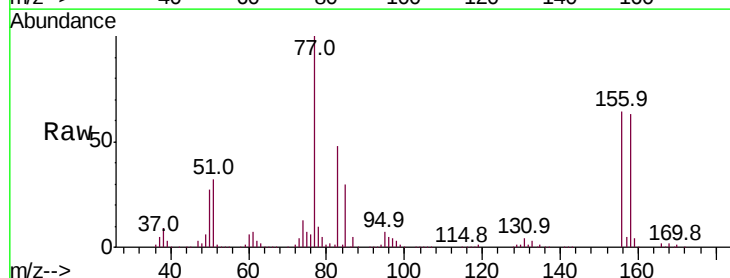
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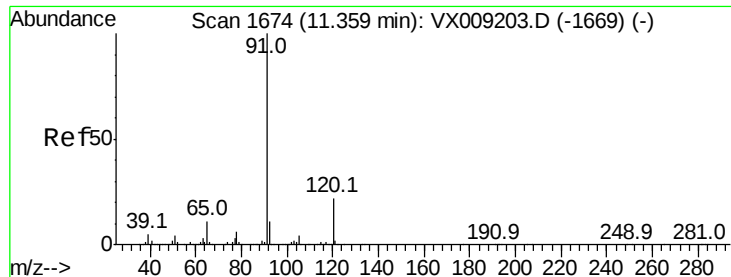
MMDadoda
5/22/2019 10:39:47 AM



#77
Bromobenzene
Concen: 47.858 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
156	100		
77	170.6	84.8	254.3
158	97.9	49.1	147.3





#78

n-propylbenzene

Concen: 48.467 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

ClientSampled :

S36-0153MS

Tot Ion: 91 Resp: 472238

Ion Ratio Lower Upper

91 100

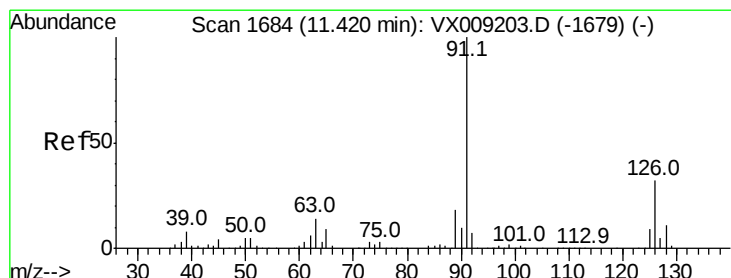
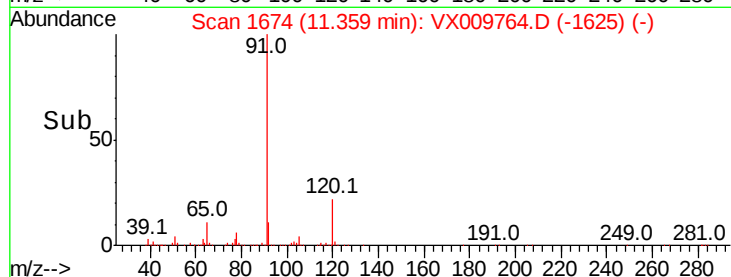
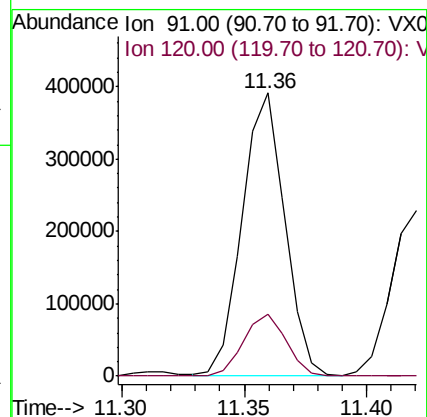
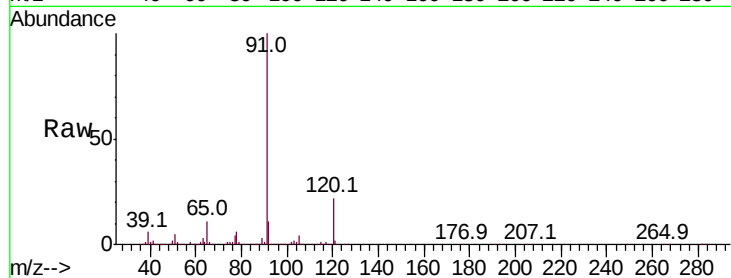
120 22.2 11.0 33.0

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5/22/2019 10:39:47 AM



#79

2-Chlorotoluene

Concen: 47.291 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009764.D

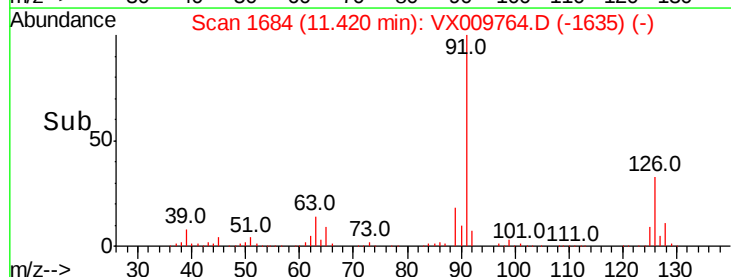
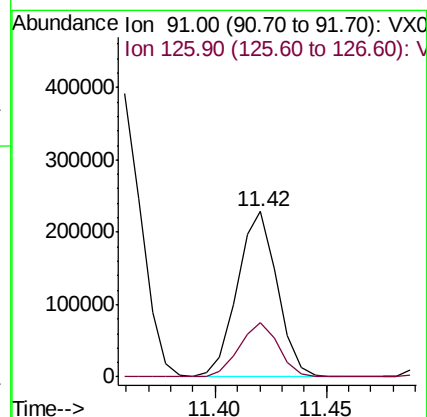
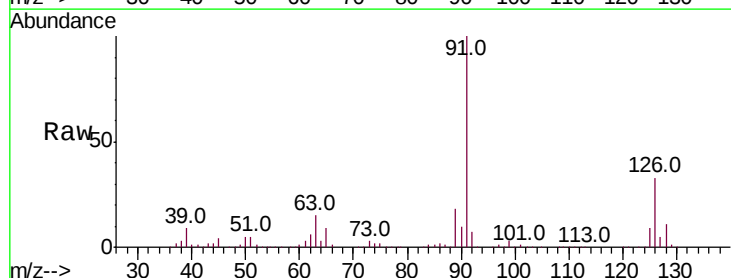
Acq: 21 May 2019 21:38

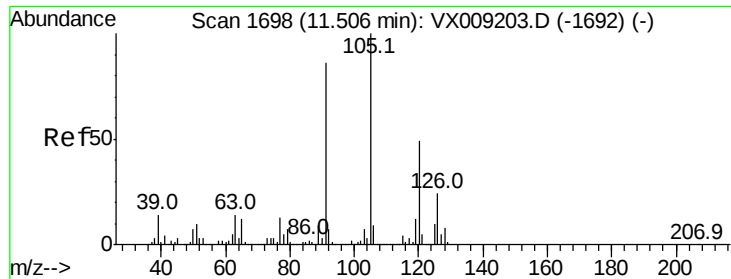
Tgt Ion: 91 Resp: 284282

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9





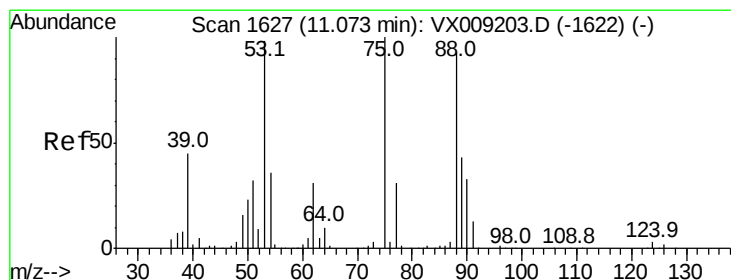
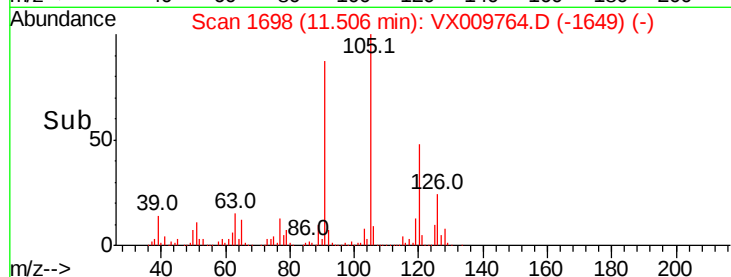
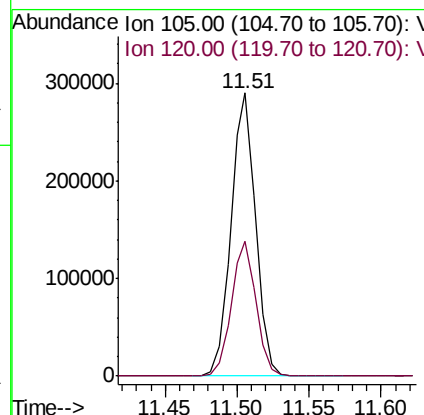
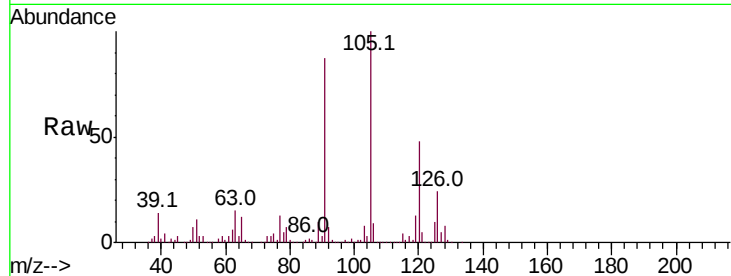
#80
 1,3,5-Trimethylbenzene
 Concen: 48.375 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.3	72.9

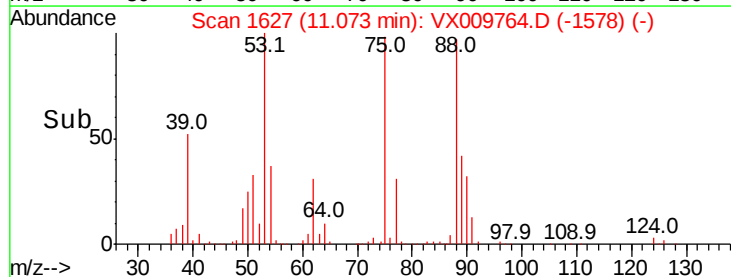
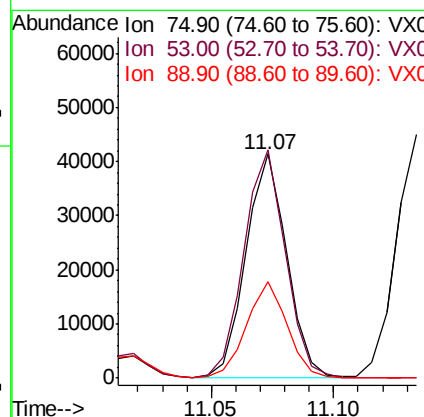
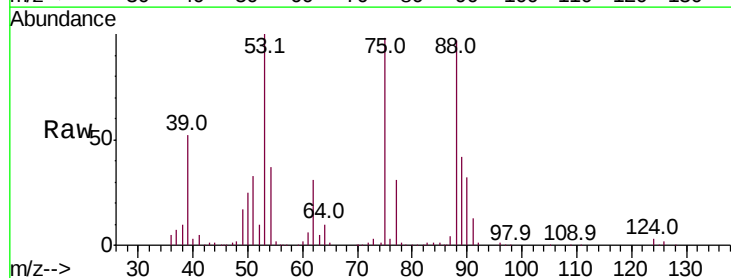
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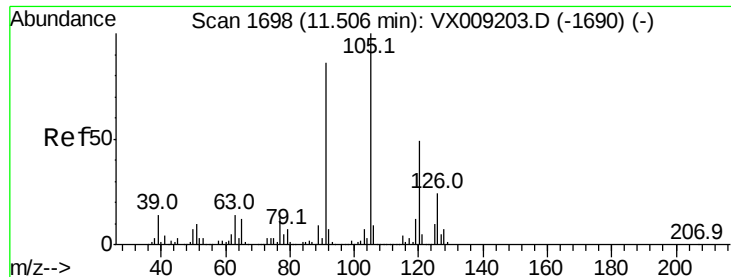
MMDadoda
 5/22/2019 10:39:47 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.369 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
75	100		
53	103.0	79.0	118.6
89	42.9	34.7	52.1





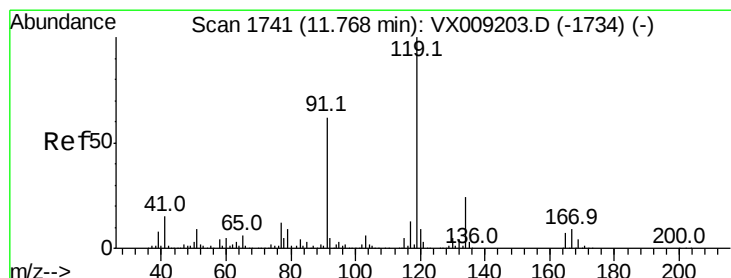
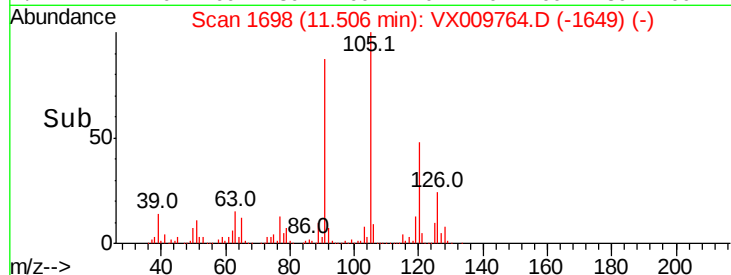
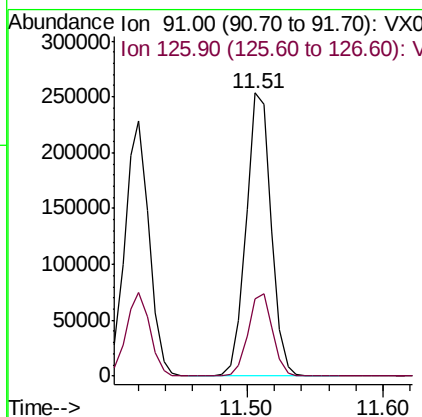
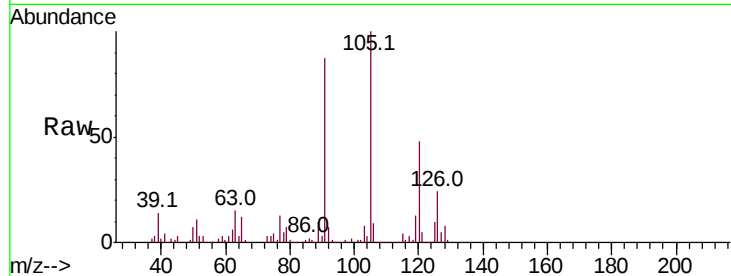
#82
4-Chlorotoluene
Concen: 47.909 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampled :
S36-0153MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.5	43.6

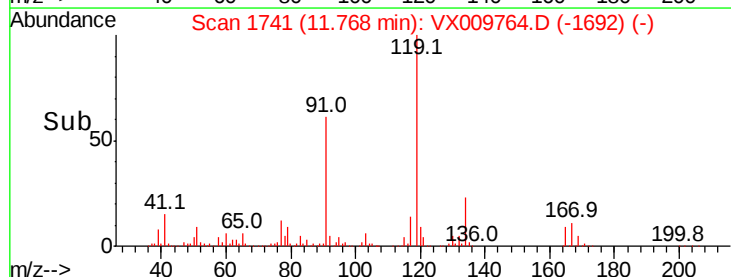
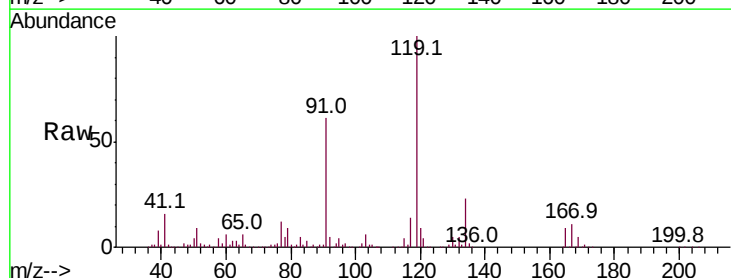
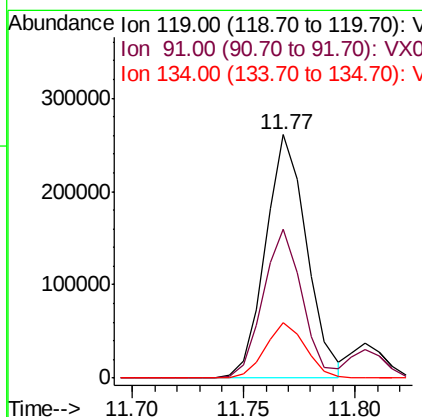
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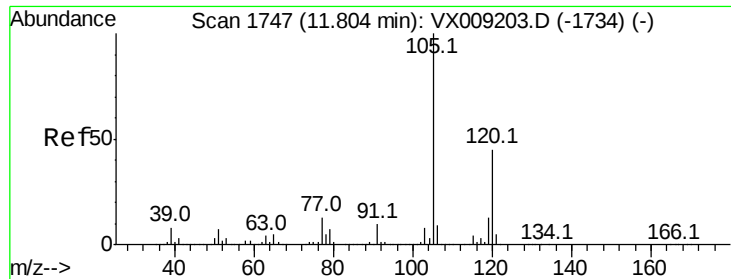
MMDadoda
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#83
tert-Butylbenzene
Concen: 47.969 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.5	88.5
134	22.2	11.4	34.1





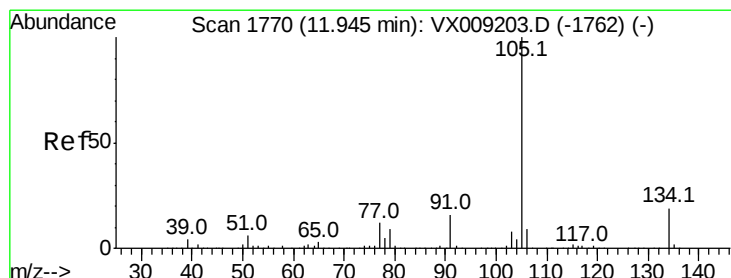
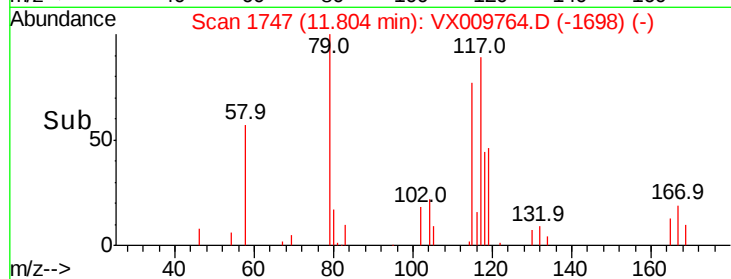
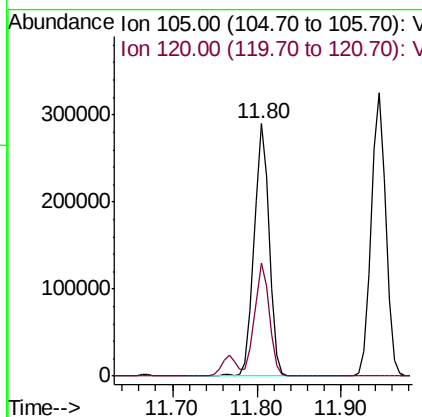
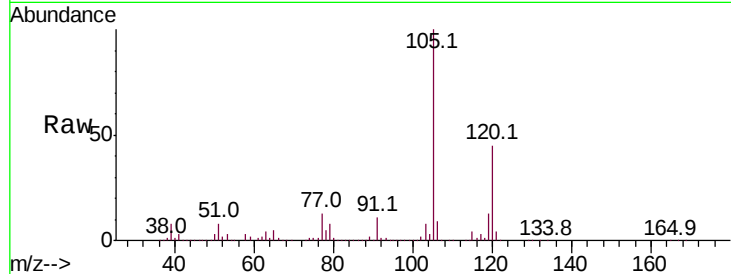
#84
 1,2,4-Trimethylbenzene
 Concen: 48.339 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0153MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	348555		
120	43.4	22.0	66.0	

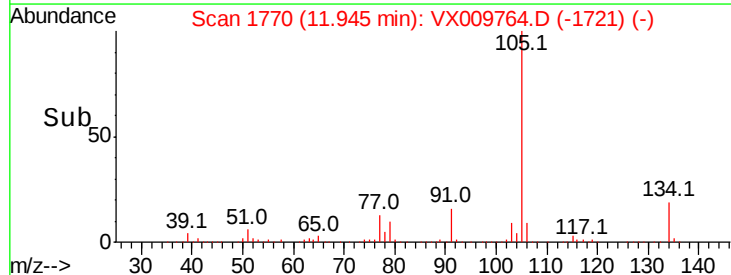
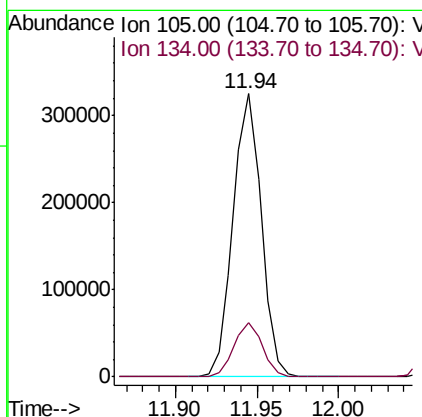
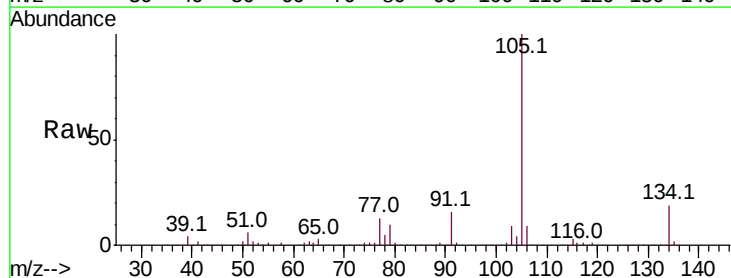
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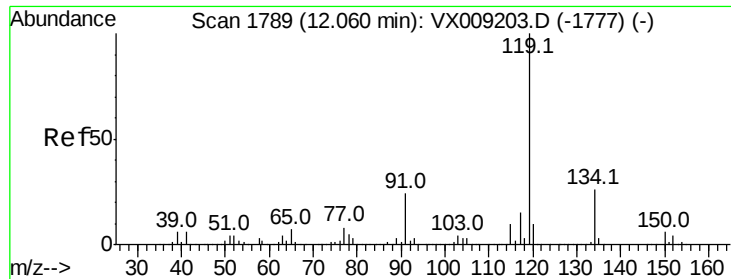
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 47.269 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	391626		
134	19.3	9.7	28.9	





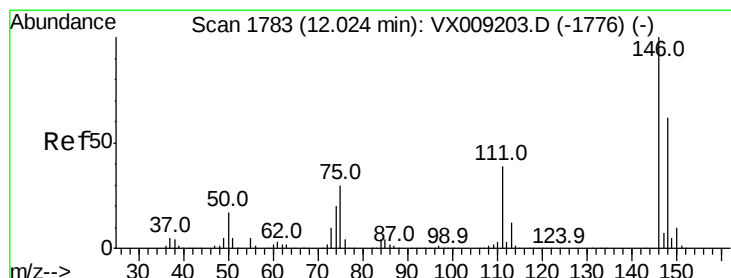
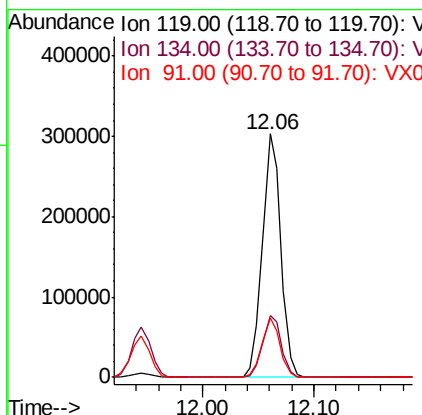
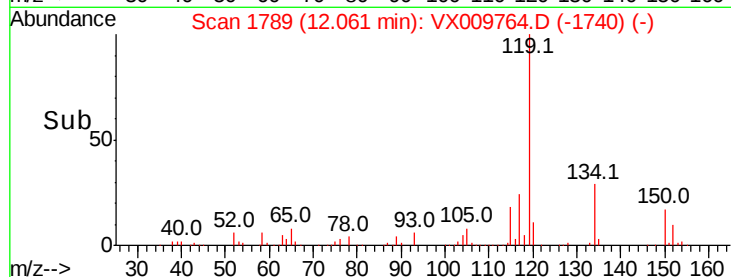
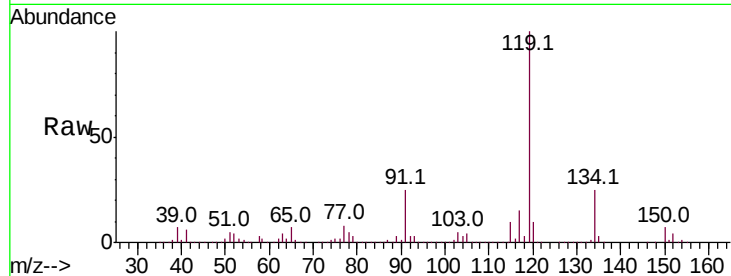
#86
 p-Isopropyltoluene
 Concen: 47.751 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	355664		
134	25.8	12.9	38.7	
91	23.9	11.8	35.4	

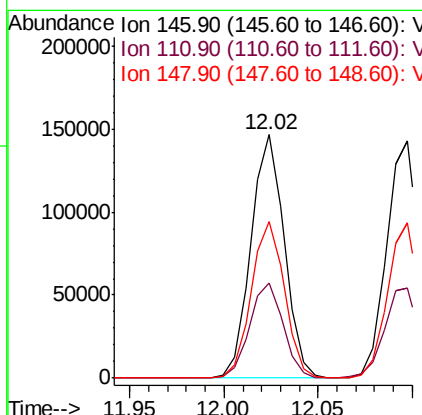
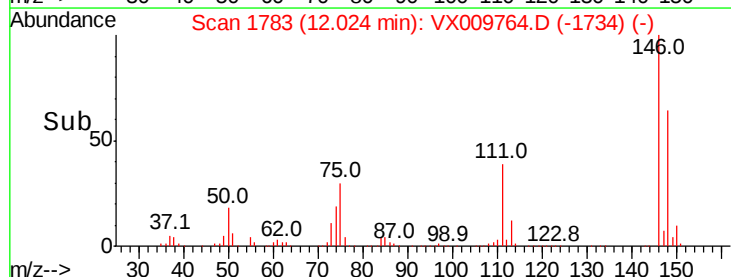
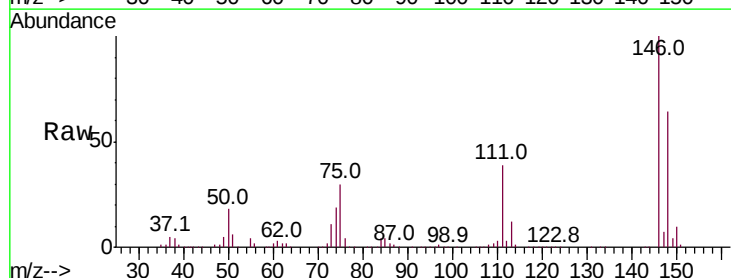
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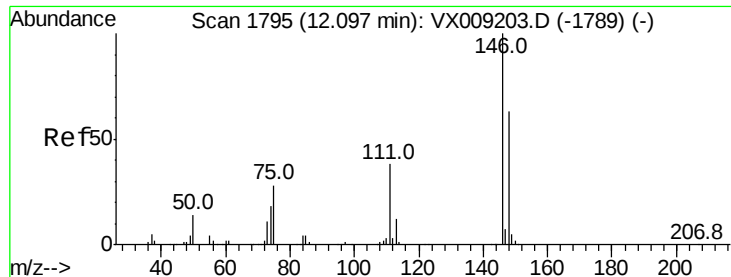
MMDadoda
 5/22/2019 10:39:47 AM



#87
 1,3-Dichlorobenzene
 Concen: 47.677 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	179982		
111	39.5	20.0	59.9	
148	63.9	31.8	95.3	





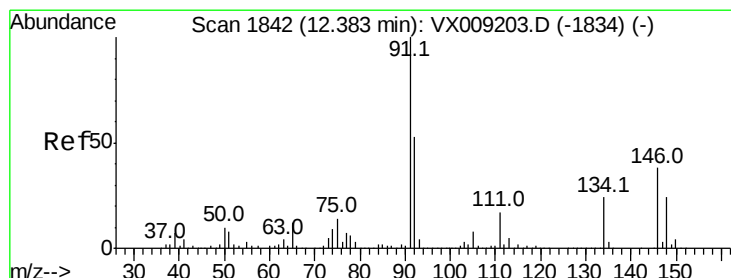
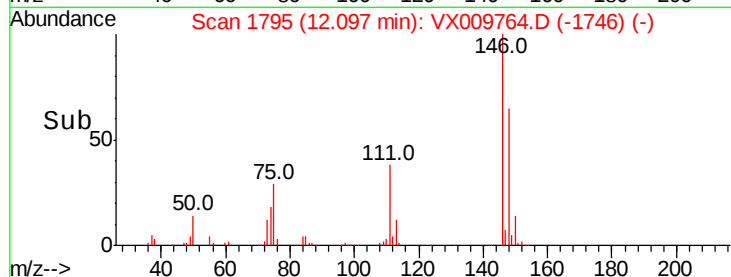
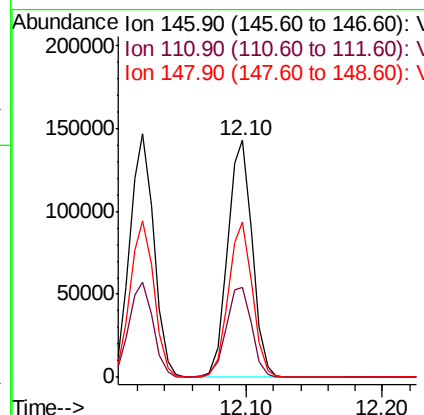
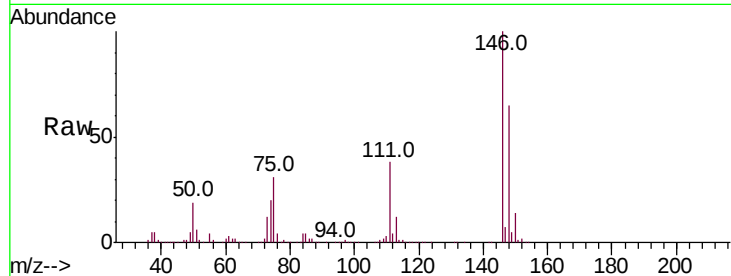
#88
 1,4-Dichlorobenzene
 Concen: 46.871 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	178386		
111	39.5	19.6	58.8	
148	63.8	31.8	95.3	

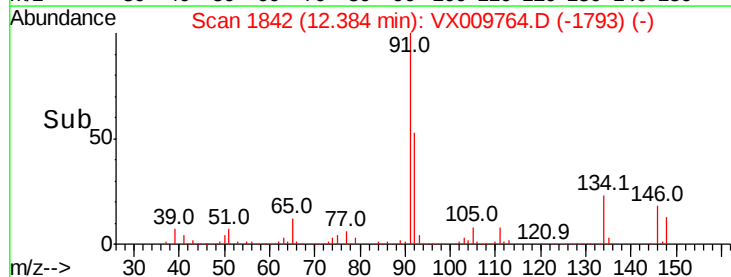
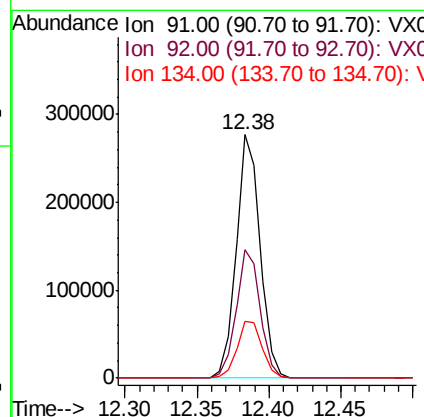
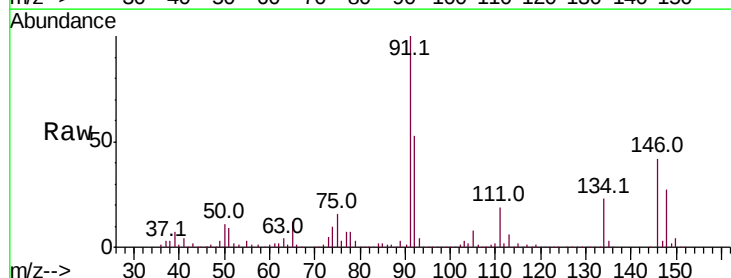
Manual Integrations
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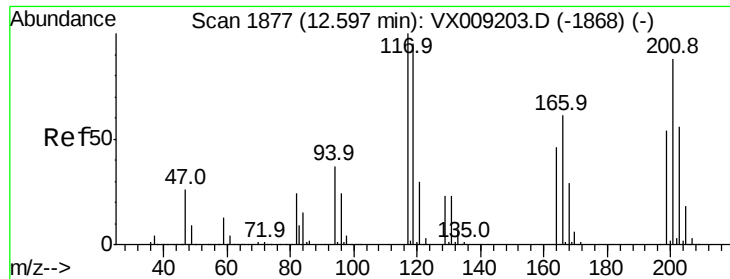
MMDadoda
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#89
 n-Butylbenzene
 Concen: 47.912 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	322546		
92	52.8	26.5	79.5	
134	24.7	12.4	37.2	





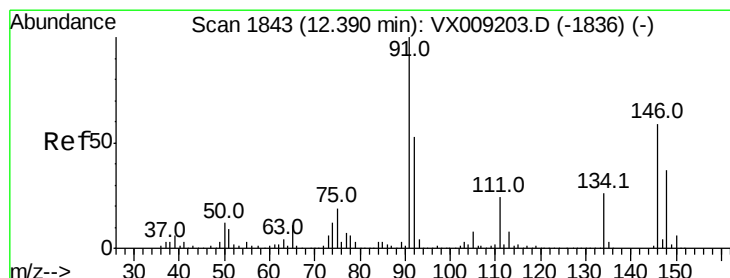
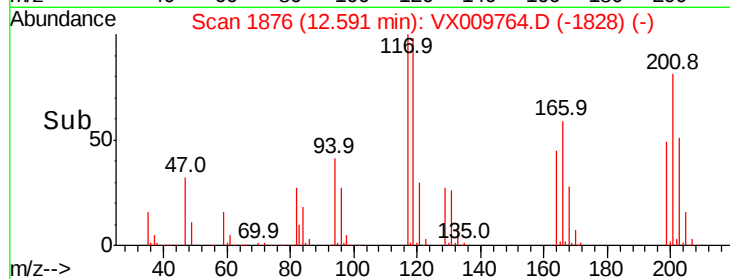
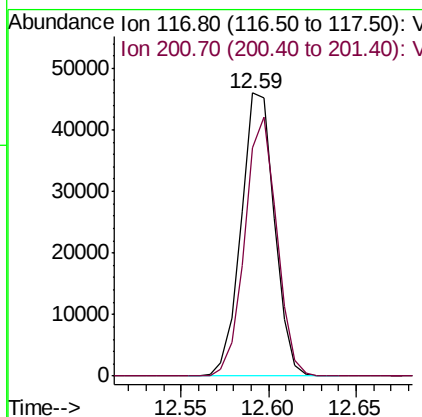
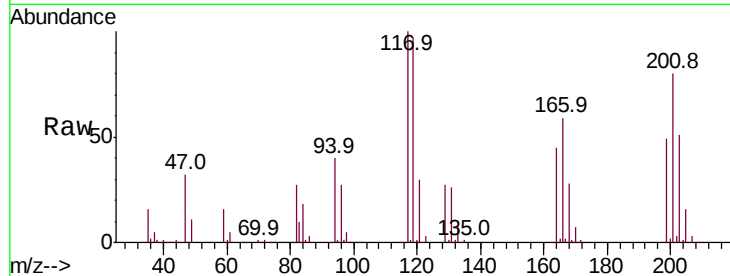
#90
Hexachloroethane
Concen: 48.103 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Instrument :
MSVOA_X
ClientSampled :
S36-0153MS

Tot Ion:117 Resp: 61040
Ion Ratio Lower Upper
117 100
201 87.5 42.3 126.9

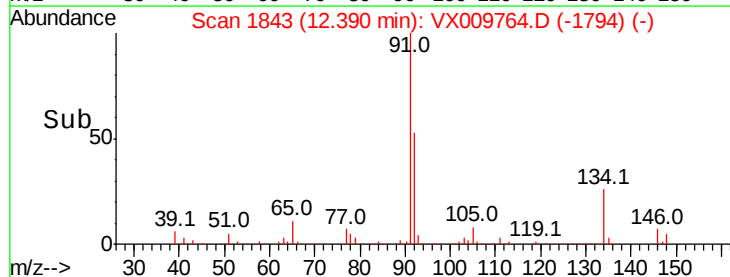
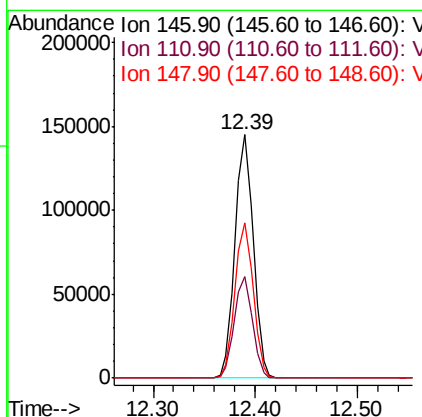
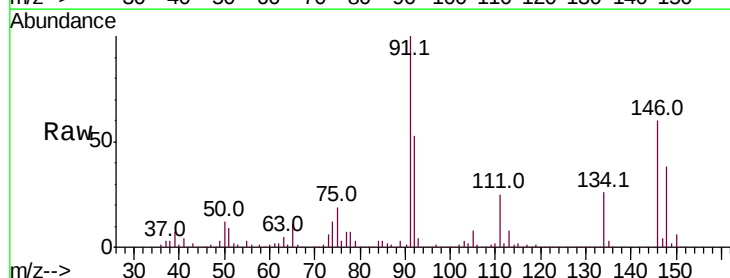
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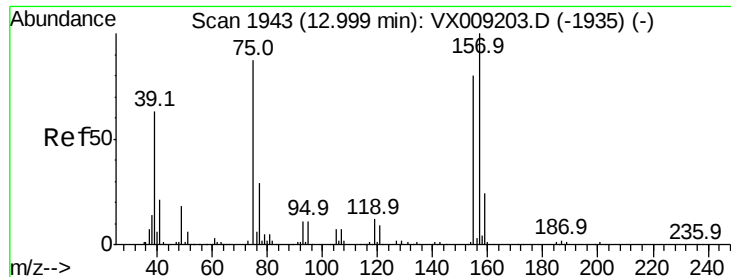
MMDadoda
5/22/2019 10:39:47 AM



#91
1,2-Dichlorobenzene
Concen: 46.420 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX009764.D
Acq: 21 May 2019 21:38

Tgt Ion:146 Resp: 178486
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.4
148 63.9 31.9 95.9





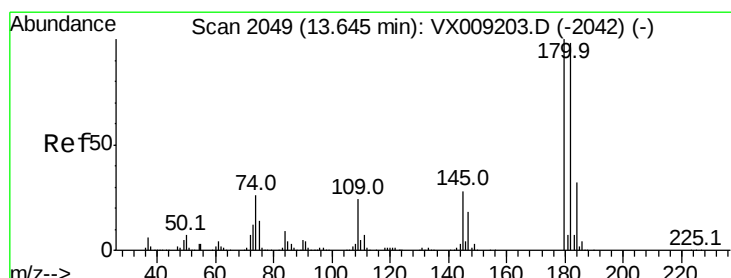
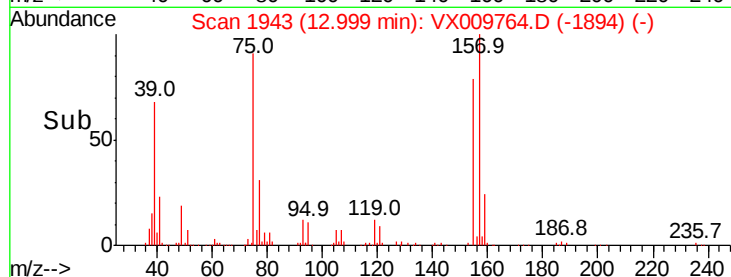
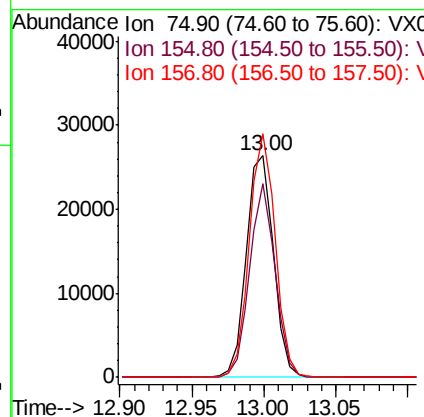
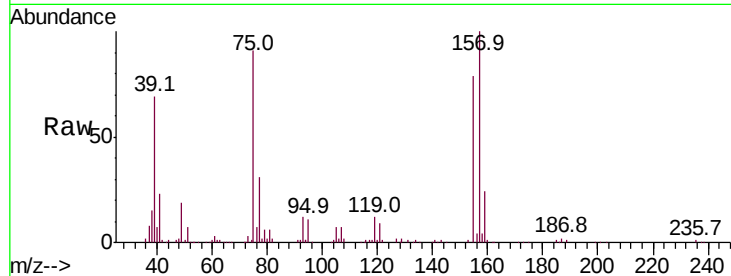
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.157 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion: 75 Resp: 34359
 Ion Ratio Lower Upper
 75 100
 155 81.7 42.0 126.0
 157 104.4 53.2 159.6

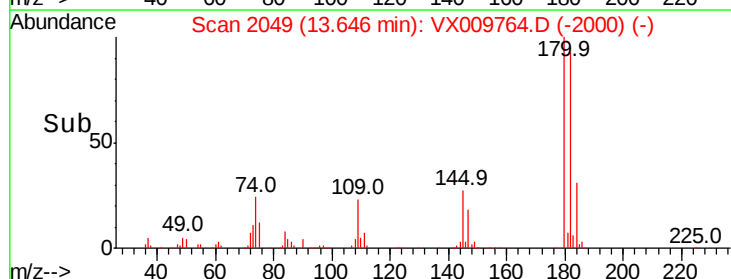
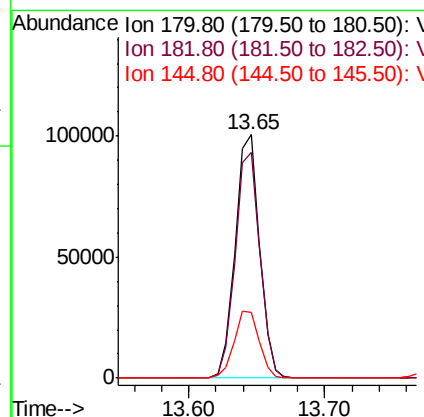
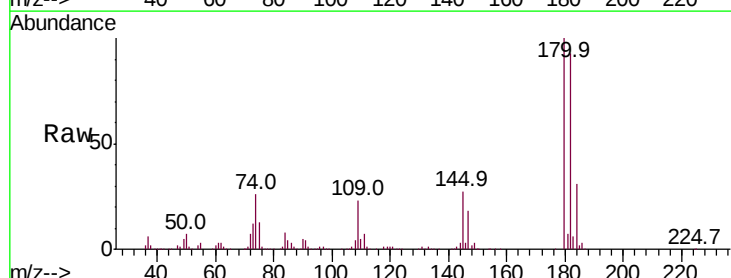
Manual Integrations
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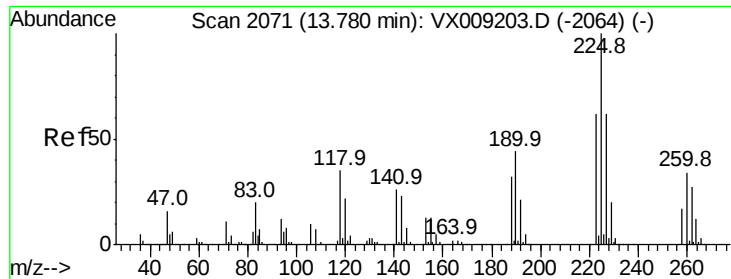
MMDadoda
 5/22/2019 10:39:47 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 47.528 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Tgt Ion: 180 Resp: 124968
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.4 145.2
 145 28.5 14.6 43.8





#94

Hexachlorobutadiene

Concen: 46.297 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009764.D

Acq: 21 May 2019 21:38

Instrument :

MSVOA_X

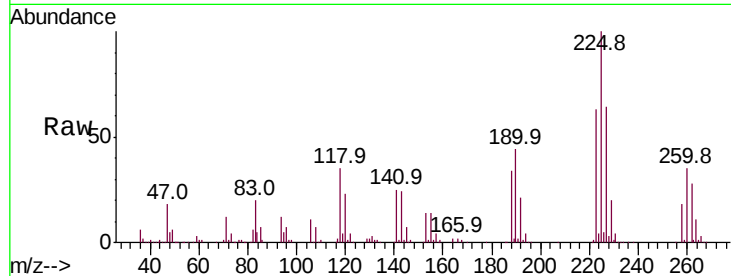
ClientSampleId :

S36-0153MS

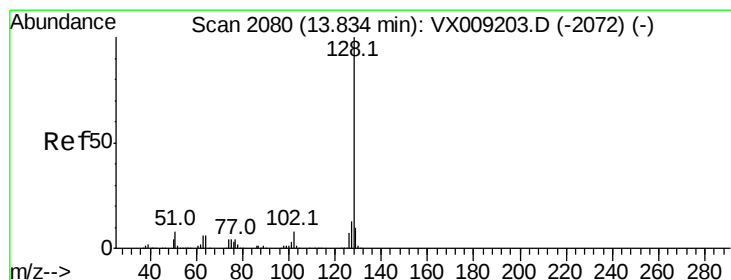
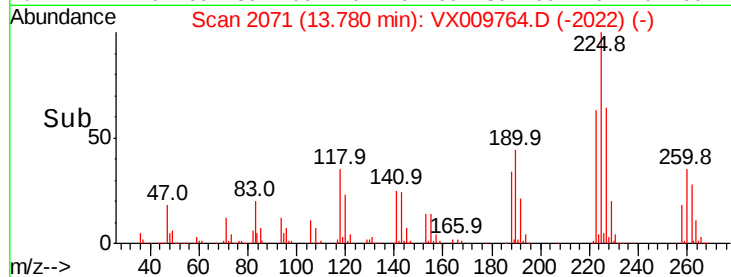
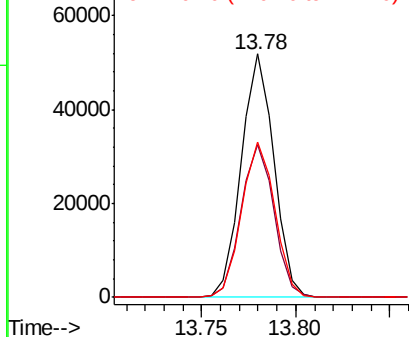
Tot Ion:	225	Resp:	62163
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.3	93.8
227	64.9	31.8	95.3

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 47.015 ug/l

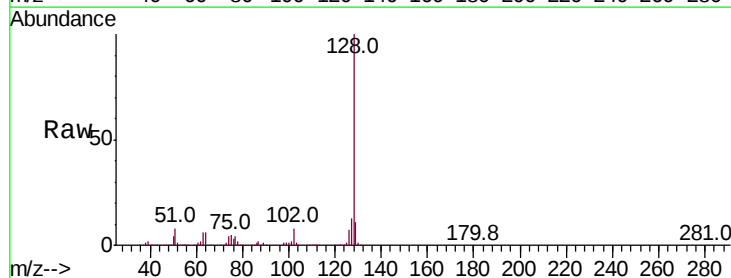
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

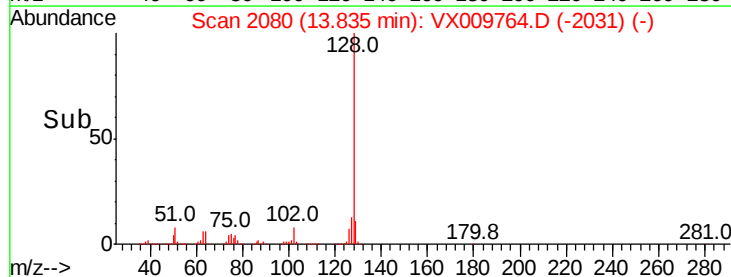
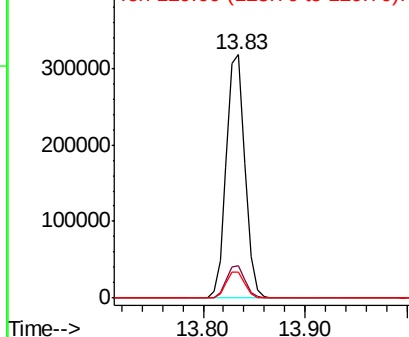
Lab File: VX009764.D

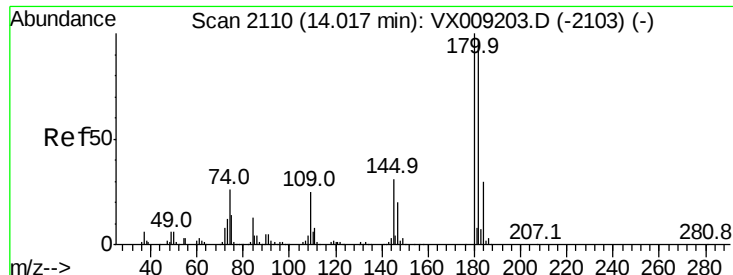
Acq: 21 May 2019 21:38

Tgt Ion:	128	Resp:	402181
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





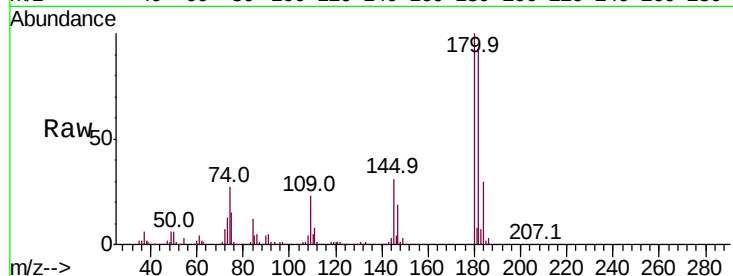
#96
 1,2,3-Trichlorobenzene
 Concen: 47.506 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009764.D
 Acq: 21 May 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	93.4	47.8	143.4
145	30.2	15.4	46.4

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

