

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010855.D
 Acq On : 12 Jul 2019 23:02
 Operator : JC/SP
 Sample : VX0712WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 10:59:30 AM

Quant Time: Jul 13 05:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100830	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	5.49	113	95648	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.71	98	350291	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	127660	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31451	22.589	ug/l	99
3) Chloromethane	1.33	50	33511	20.669	ug/l	99
4) Vinyl Chloride	1.41	62	36457	20.530	ug/l	98
5) Bromomethane	1.64	94	22370	25.857	ug/l	100
6) Chloroethane	1.72	64	24016	22.923	ug/l	98
7) Trichlorofluoromethane	1.93	101	64145	22.786	ug/l	96
8) Diethyl Ether	2.19	74	22579	22.366	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35549	20.838	ug/l	98
10) Methyl Iodide	2.51	142	39713	16.312	ug/l	98
11) Tert butyl alcohol	3.04	59	46418	94.472	ug/l	98
12) 1,1-Dichloroethene	2.37	96	36175	20.839	ug/l	98
13) Acrolein	2.29	56	36810	112.933	ug/l	99
14) Allyl chloride	2.73	41	50820	20.621	ug/l	97
15) Acrylonitrile	3.14	53	106477	109.454	ug/l	100
16) Acetone	2.44	43	85850	91.226	ug/l	97
17) Carbon Disulfide	2.57	76	81934	17.593	ug/l	99
18) Methyl Acetate	2.78	43	43141	23.001	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	119144	21.817	ug/l	98
20) Methylene Chloride	2.85	84	41534	21.446	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38058	20.385	ug/l	94
22) Diisopropyl ether	3.85	45	114023	22.129	ug/l	98
23) Vinyl Acetate	3.82	43	487782	109.580	ug/l	97
24) 1,1-Dichloroethane	3.70	63	65325	21.933	ug/l	99
25) 2-Butanone	4.67	43	143073	103.644	ug/l	100
26) 2,2-Dichloropropane	4.58	77	41633	16.091	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45659	21.163	ug/l	99
28) Bromochloromethane	5.02	49	27433	19.264	ug/l	95
29) Tetrahydrofuran	5.12	42	93918	109.840	ug/l	97
30) Chloroform	5.21	83	70008	21.846	ug/l	96
31) Cyclohexane	5.58	56	56913	20.983	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	59196	20.920	ug/l	100
36) 1,1-Dichloropropene	5.80	75	47774	19.562	ug/l	100
37) Ethyl Acetate	4.83	43	54326	21.623	ug/l	98
38) Carbon Tetrachloride	5.78	117	49126	18.576	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60956	18.988	ug/l	99
40) Benzene	6.14	78	156364	20.551	ug/l	98
41) Methacrylonitrile	5.04	41	28387	20.592	ug/l	97
42) 1,2-Dichloroethane	6.19	62	53145	22.946	ug/l	98
43) Isopropyl Acetate	6.45	43	85362	20.536	ug/l	98
44) Trichloroethene	7.21	130	45409	19.945	ug/l	94
45) 1,2-Dichloropropane	7.51	63	40678	21.171	ug/l	95
46) Dibromomethane	7.66	93	28629	20.768	ug/l	96
47) Bromodichloromethane	7.90	83	48394	19.156	ug/l	94
48) Methyl methacrylate	7.77	41	40696	21.063	ug/l	99
49) 1,4-Dioxane	7.74	88	24541	440.915	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	288982	108.701	ug/l	97
52) Toluene	8.78	92	101054	20.168	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	49888	17.613	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	57753	18.763	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43219	20.915	ug/l	97
56) Ethyl methacrylate	9.18	69	62958	20.112	ug/l	96
57) 1,3-Dichloropropane	9.37	76	67455	21.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	130672	87.894	ug/l	99
59) 2-Hexanone	9.49	43	220720	105.490	ug/l	99
60) Dibromochloromethane	9.58	129	41478	17.927	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44789	20.080	ug/l	100
64) Tetrachloroethene	9.34	164	44336	19.670	ug/l	98
65) Chlorobenzene	10.13	112	114545	20.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40017	19.419	ug/l	100
67) Ethyl Benzene	10.25	91	195695	20.489	ug/l	97
68) m/p-Xylenes	10.36	106	150617	40.698	ug/l	99
69) o-Xylene	10.69	106	74397	20.442	ug/l	99
70) Styrene	10.71	104	123189	20.184	ug/l	98
71) Bromoform	10.85	173	30075	16.782	ug/l #	99
73) Isopropylbenzene	11.02	105	198336	20.387	ug/l	98
74) N-amyl acetate	10.90	43	76482	20.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66565	20.660	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53642m	20.511	ug/l	
77) Bromobenzene	11.25	156	53446	19.675	ug/l	98
78) n-propylbenzene	11.36	91	217033	20.298	ug/l	99
79) 2-Chlorotoluene	11.42	91	130459	20.490	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164549	20.517	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15538	13.861	ug/l #	84
82) 4-Chlorotoluene	11.51	91	148448	20.490	ug/l	100
83) tert-Butylbenzene	11.77	119	162042	20.130	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	163912	20.342	ug/l	100
85) sec-Butylbenzene	11.94	105	190938	20.202	ug/l	99
86) p-Isopropyltoluene	12.06	119	174484	19.959	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	94484	19.926	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	95740	19.832	ug/l	99
89) n-Butylbenzene	12.38	91	145320	19.562	ug/l	99
90) Hexachloroethane	12.59	117	25454	16.839	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	95188	20.198	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13027	18.753	ug/l	93

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61500	18.817	ug/l	98
94) Hexachlorobutadiene	13.78	225	30225	18.923	ug/l	98
95) Naphthalene	13.83	128	199969	19.910	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	65698	20.218	ug/l	99

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

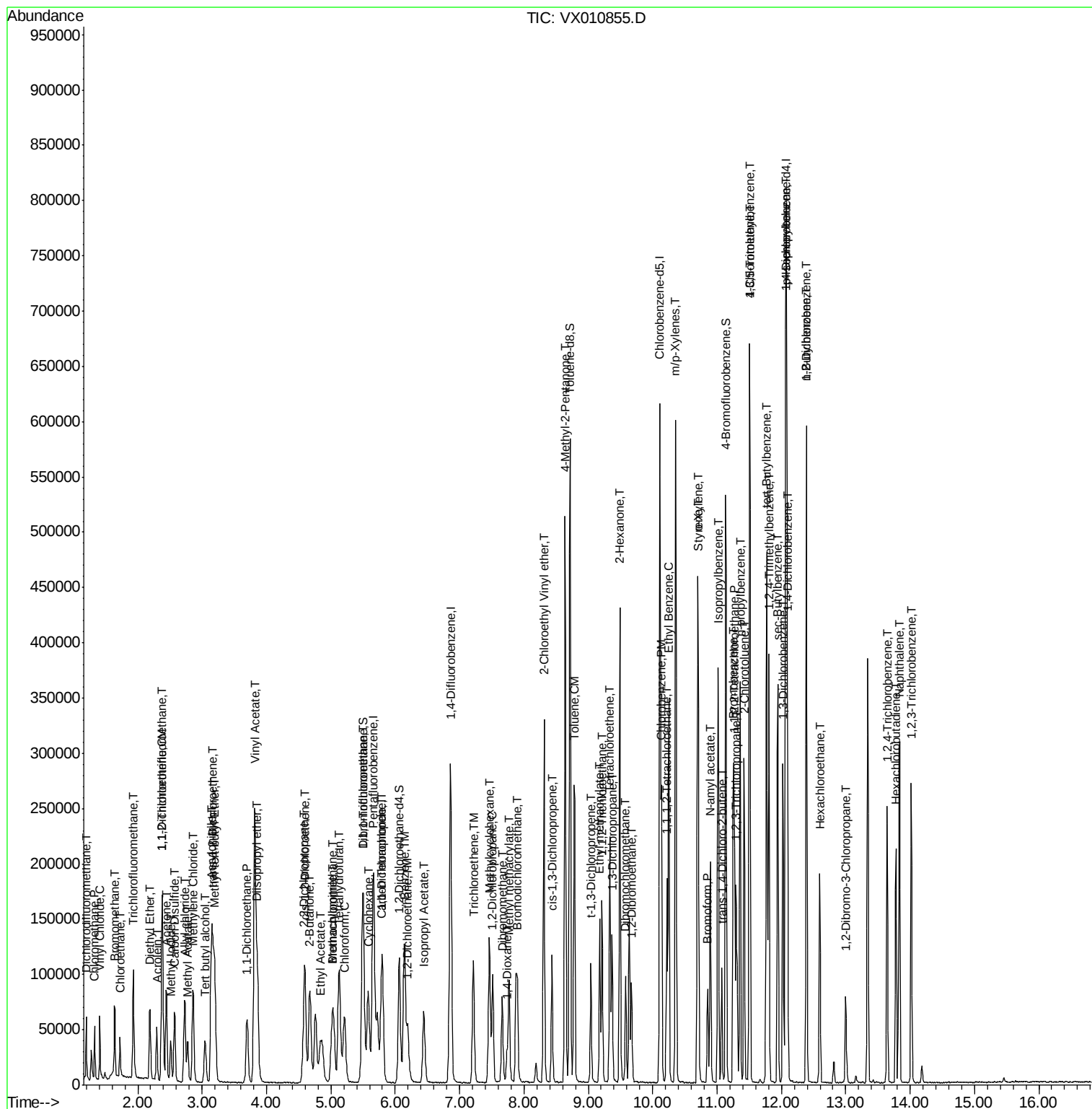
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\
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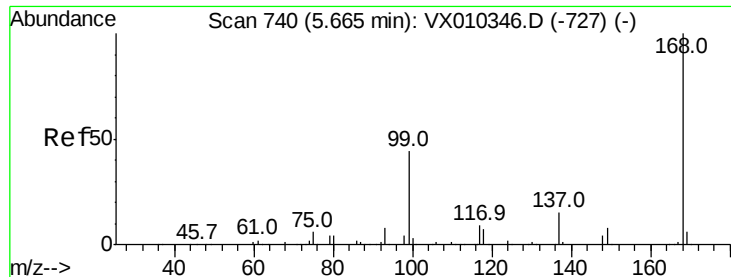
Instrument :
MSVOA_X
Client Sampled :
VX0712WBS03

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion:168 Resp: 200271

Ion Ratio Lower Upper

168 100

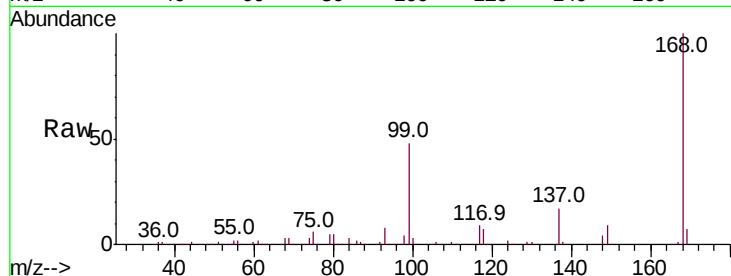
99 47.4 35.5 53.3

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

80000

60000

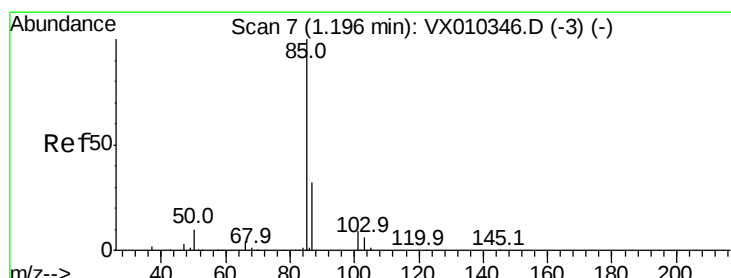
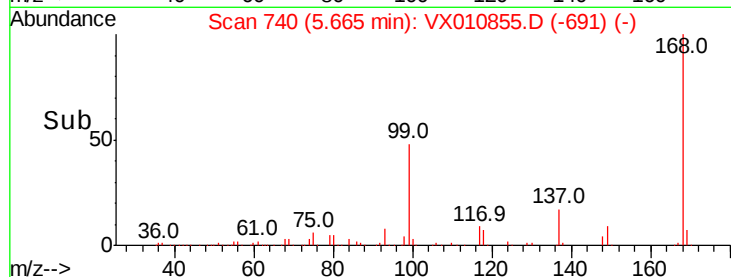
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.589 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010855.D

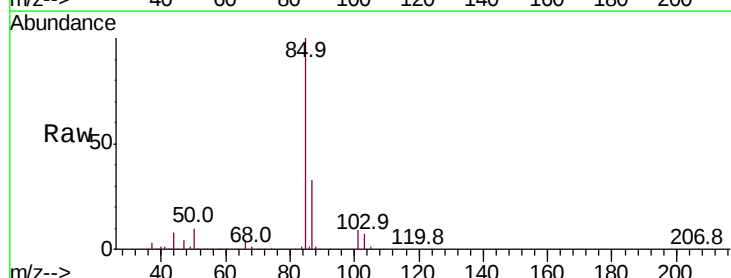
Acq: 12 Jul 2019 23:02

Tgt Ion: 85 Resp: 31451

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

30000

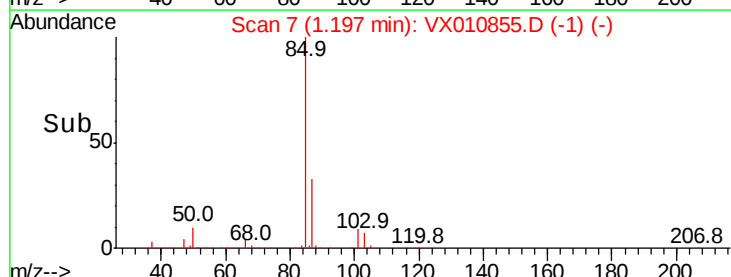
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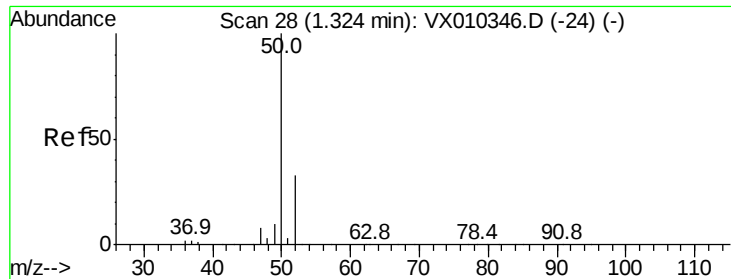
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.669 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion: 50 Resp: 33511

Ion Ratio Lower Upper

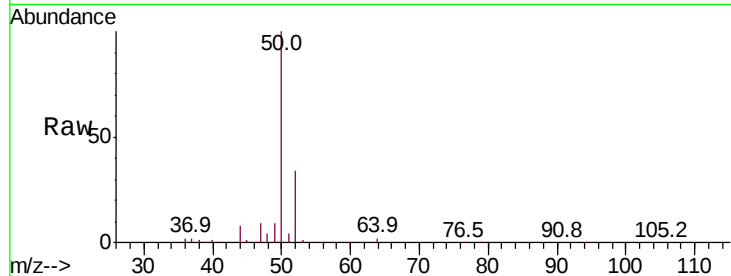
50 100

52 33.8 26.5 39.7

Manual Integrations
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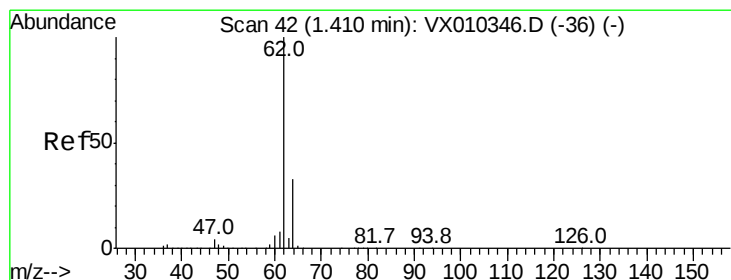
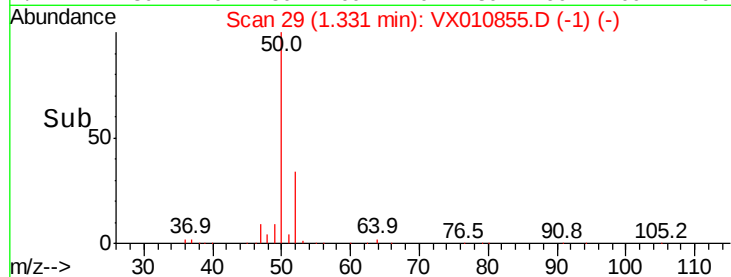
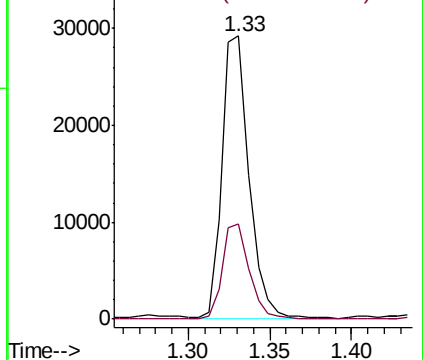
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.530 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010855.D

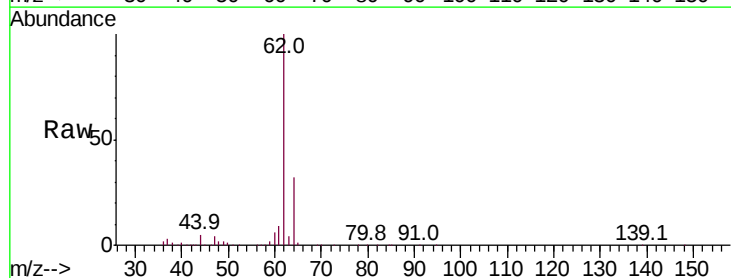
Acq: 12 Jul 2019 23:02

Tgt Ion: 62 Resp: 36457

Ion Ratio Lower Upper

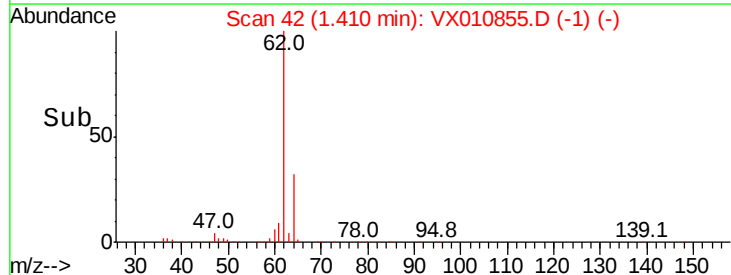
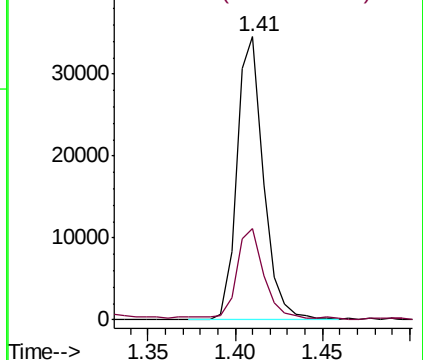
62 100

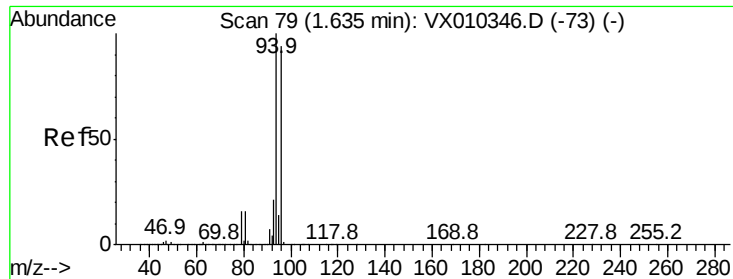
64 31.9 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.857 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

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VX0712WBS03

Tot Ion: 94 Resp: 22370

Ion Ratio Lower Upper

94 100

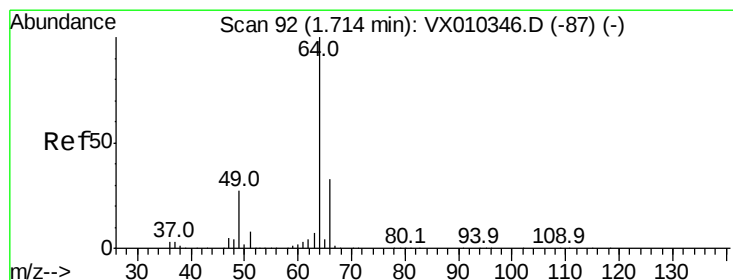
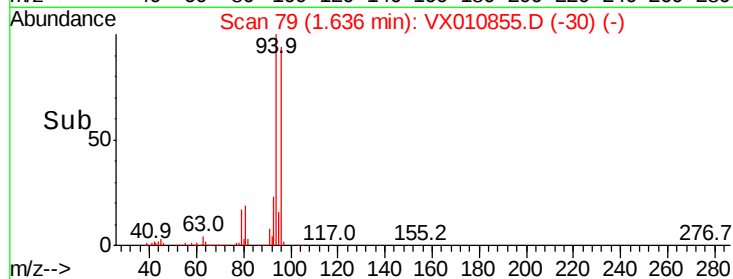
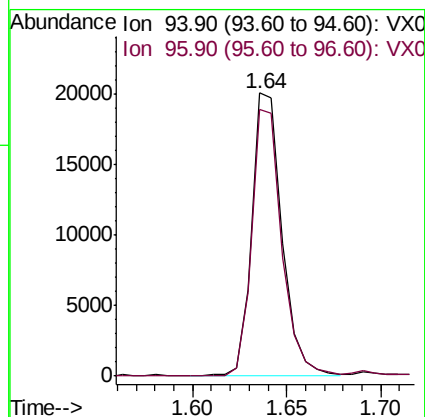
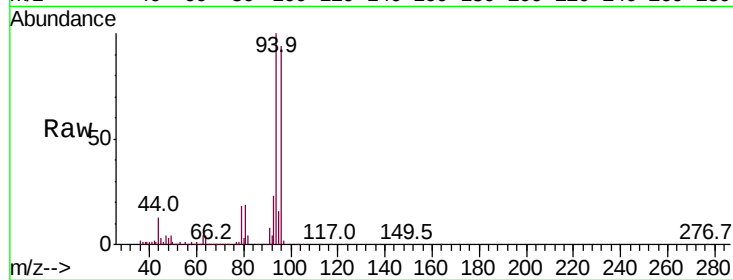
96 94.1 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 22.923 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010855.D

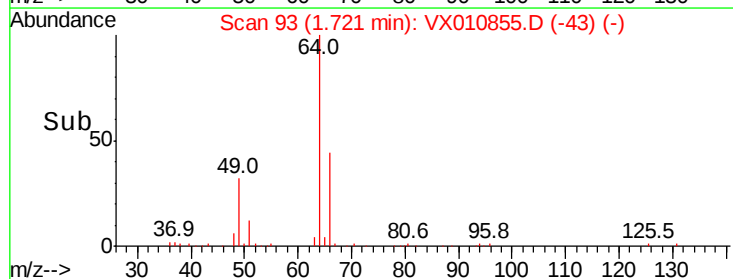
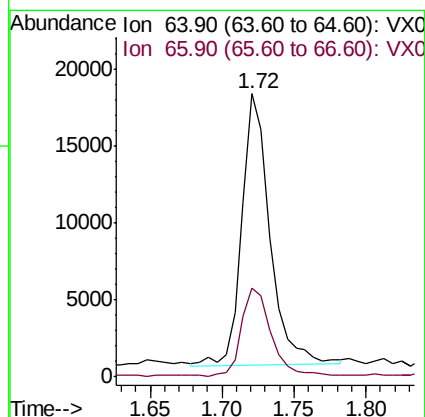
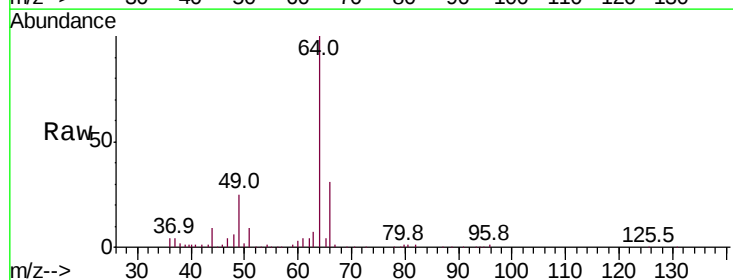
Acq: 12 Jul 2019 23:02

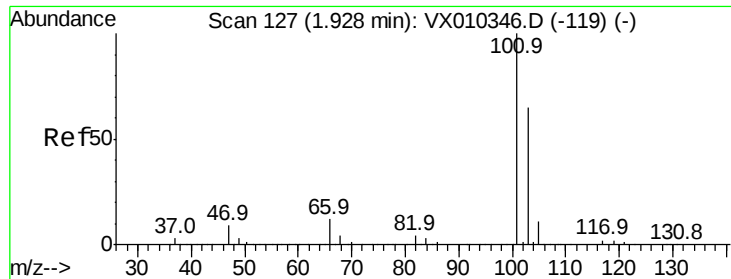
Tgt Ion: 64 Resp: 24016

Ion Ratio Lower Upper

64 100

66 32.0 26.6 40.0





#7

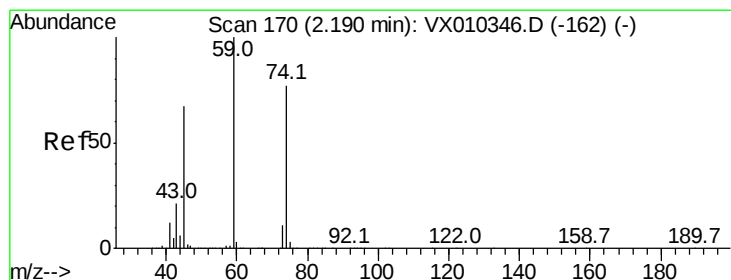
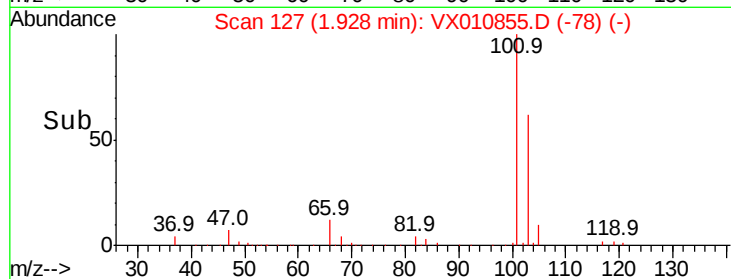
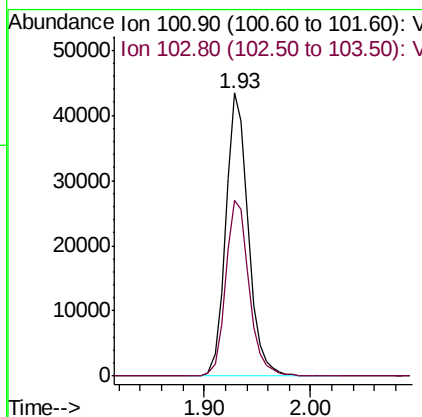
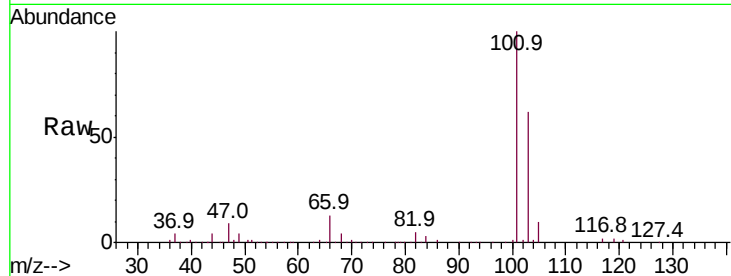
Trichlorofluoromethane
 Concen: 22.786 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

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 ClientSampleId :
 VX0712WBS03

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	52.3	78.5

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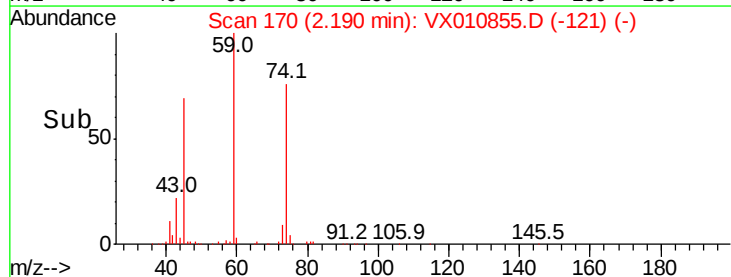
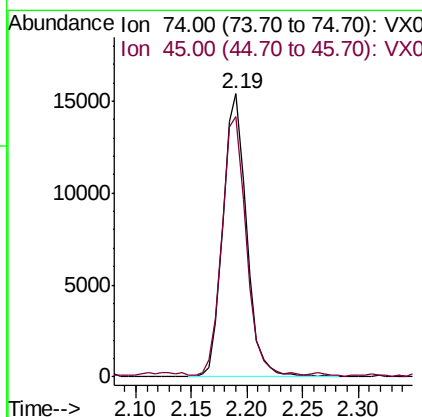
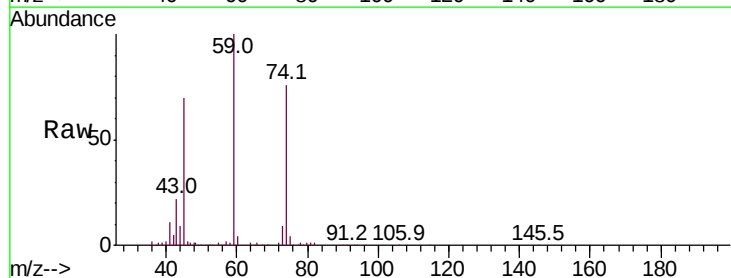
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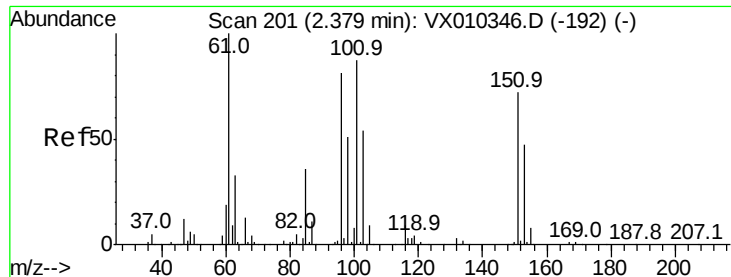


#8

Diethyl Ether
 Concen: 22.366 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.838 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

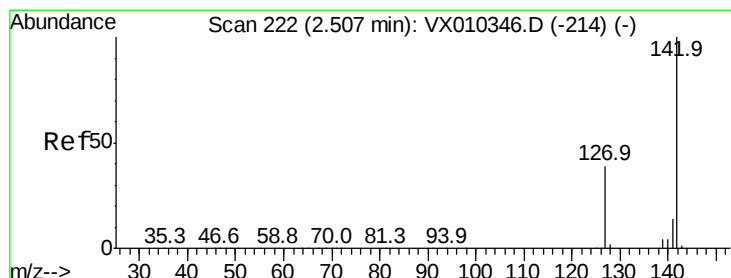
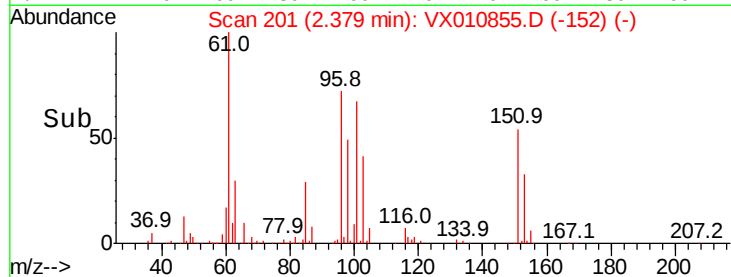
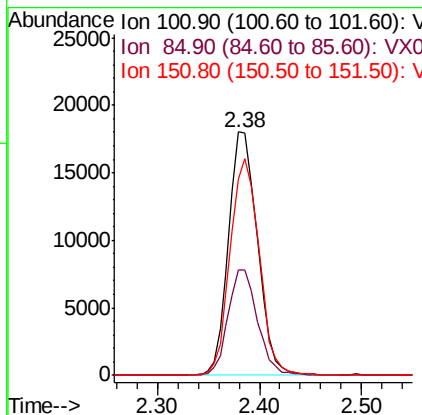
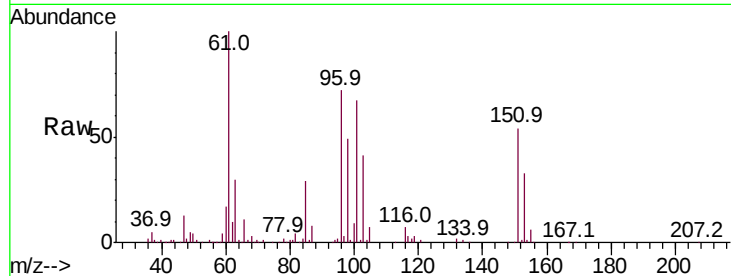
ClientSampleId :

VX0712WBS03

Tot Ion:	101	Resp:	35549
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.7	50.5
151	88.6	70.1	105.1

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#10

Methyl Iodide

Concen: 16.312 ug/l

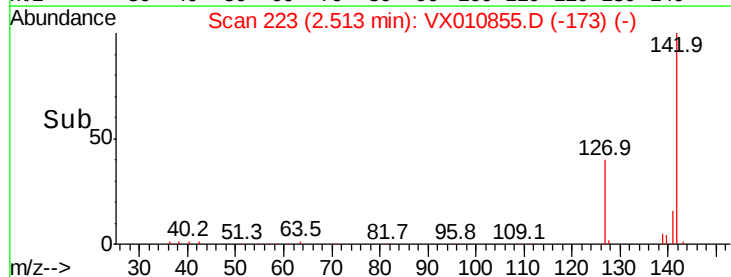
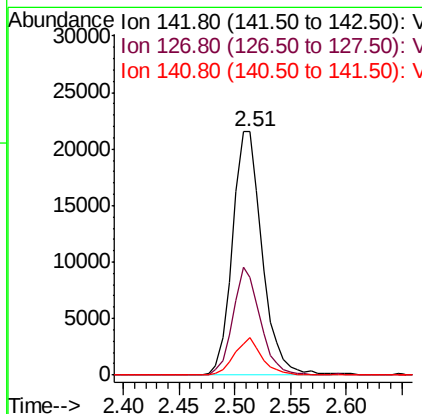
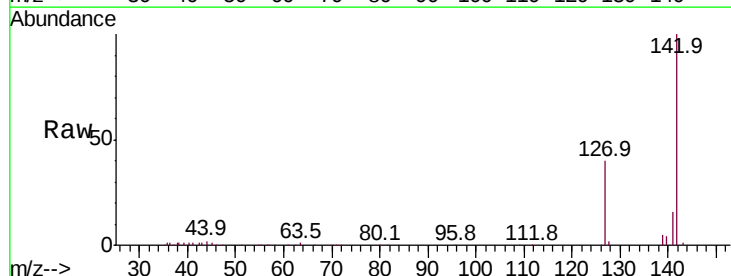
RT: 2.51 min Scan# 223

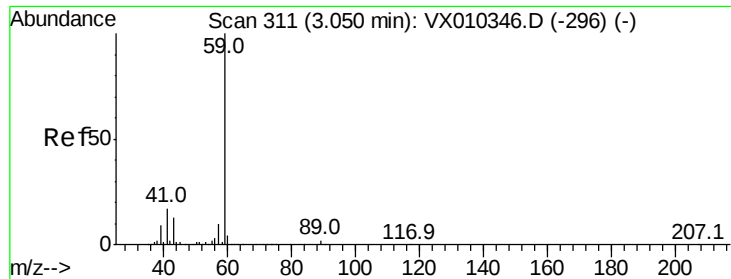
Delta R.T. 0.01 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Tgt Ion:	142	Resp:	39713
Ion Ratio	Lower	Upper	
142	100		
127	40.6	31.1	46.7
141	14.1	11.2	16.8





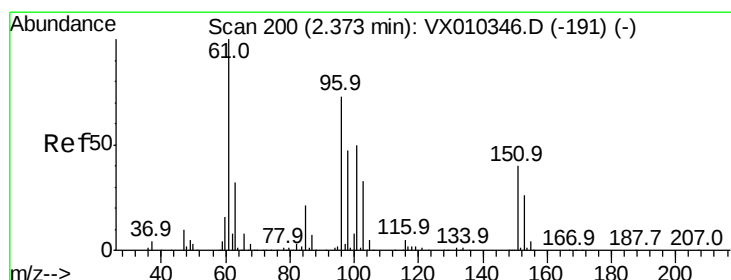
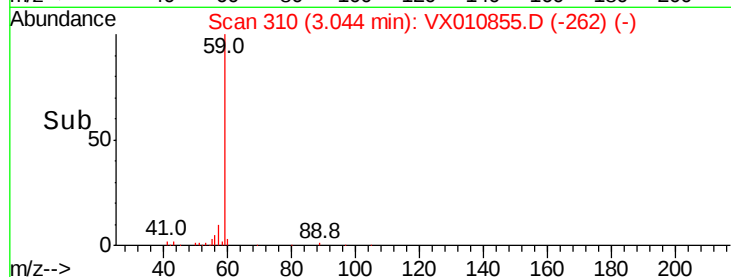
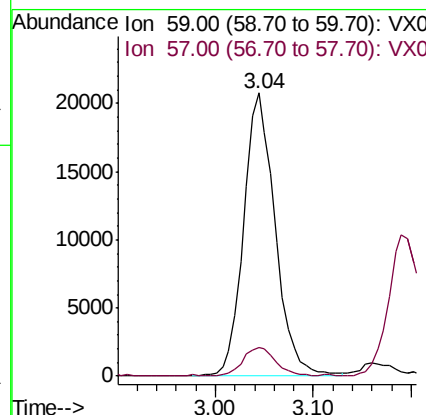
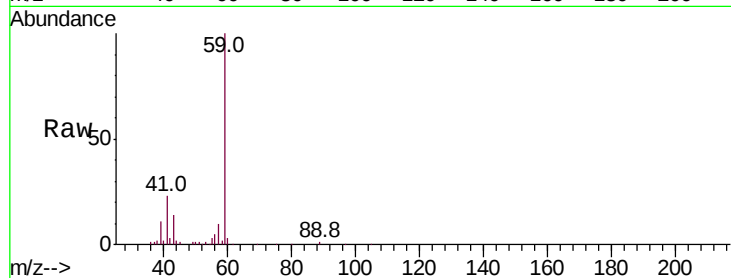
#11
Tert butyl alcohol
Concen: 94.472 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion: 59 Resp: 46418
Ion Ratio Lower Upper
59 100
57 10.5 7.7 11.5

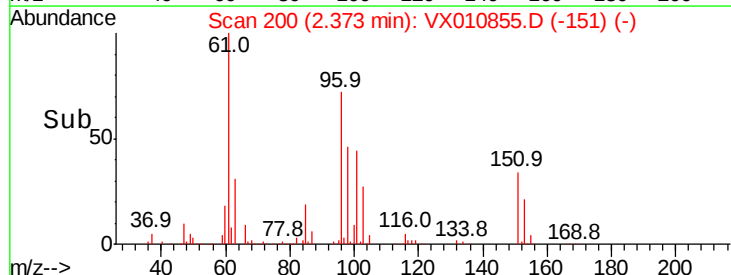
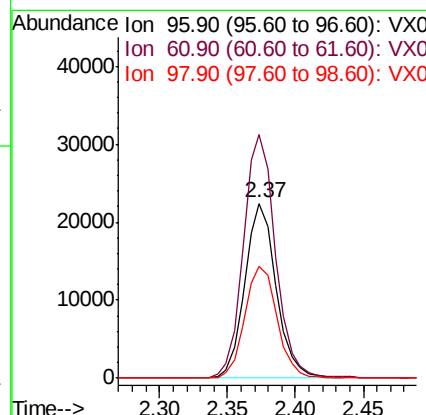
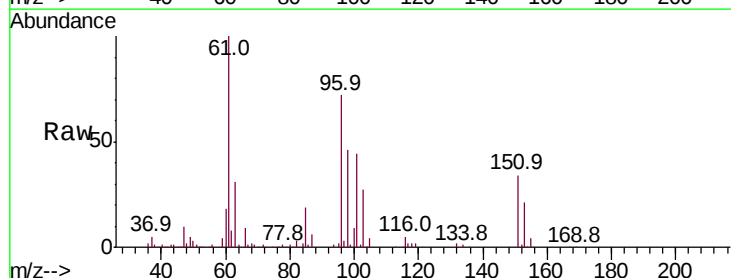
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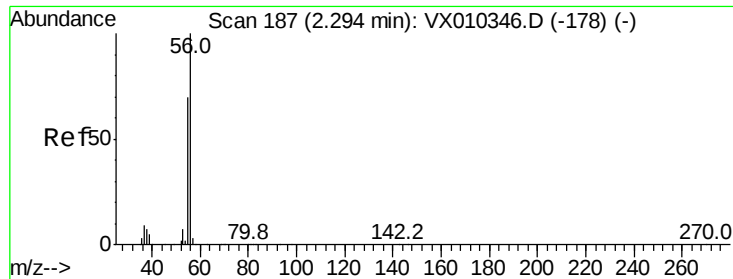
MMDadoda
7/15/2019 10:59:30 AM



#12
1,1-Dichloroethene
Concen: 20.839 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 96 Resp: 36175
Ion Ratio Lower Upper
96 100
61 139.1 109.2 163.8
98 64.1 51.1 76.7





#13

Acrolein

Concen: 112.933 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion: 56 Resp: 36810

Ion Ratio Lower Upper

56 100

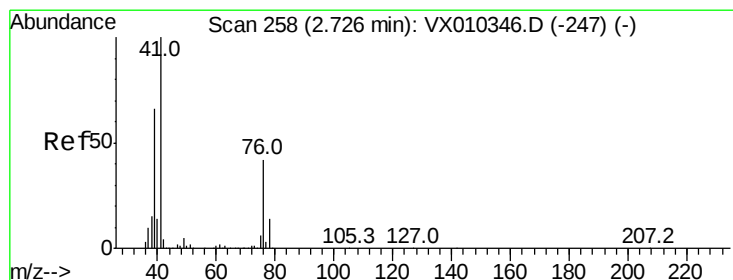
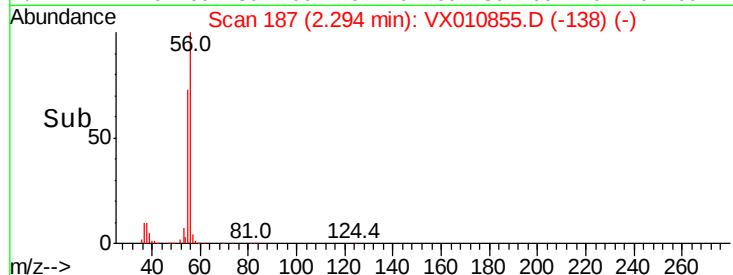
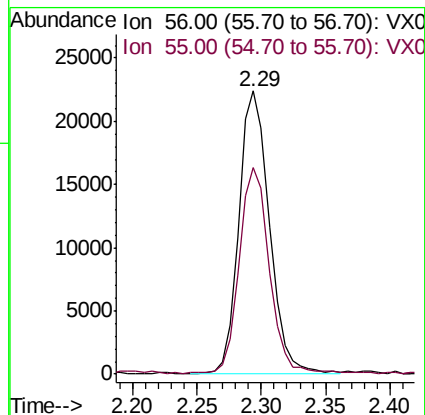
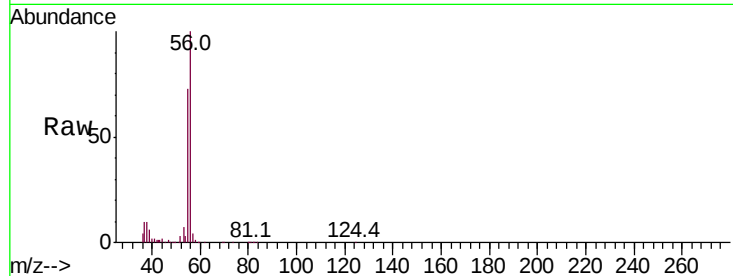
55 71.6 56.9 85.3

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#14

Allyl chloride

Concen: 20.621 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

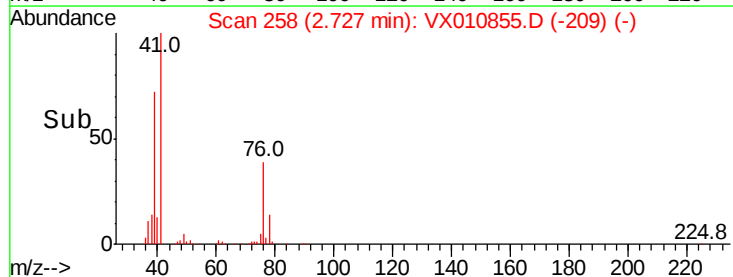
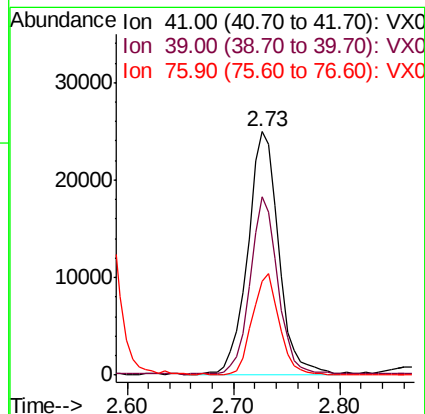
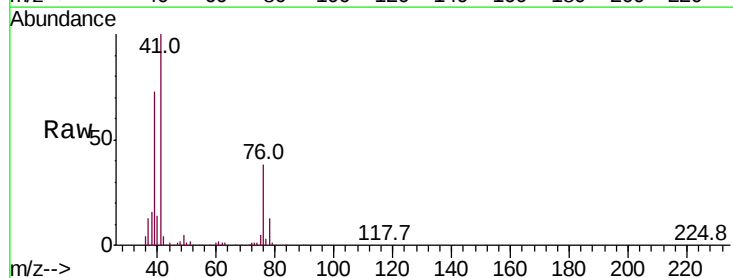
Tgt Ion: 41 Resp: 50820

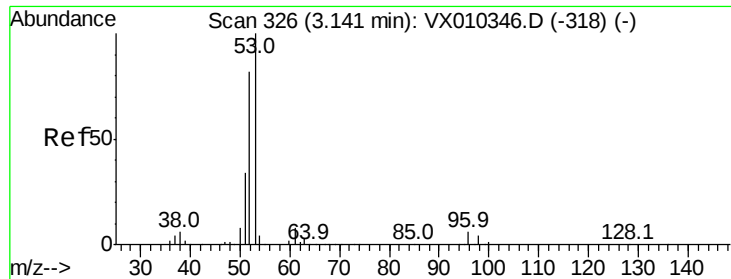
Ion Ratio Lower Upper

41 100

39 65.1 50.3 75.5

76 36.9 31.3 46.9





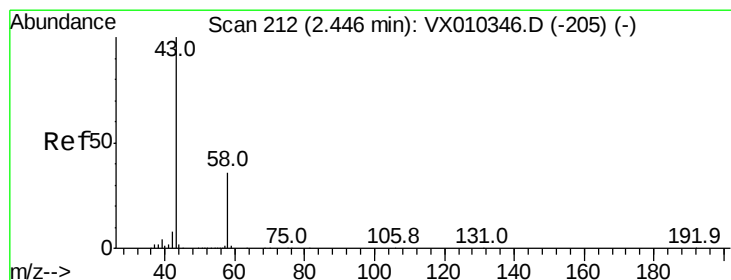
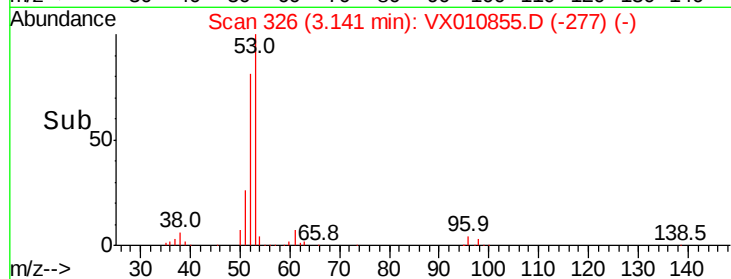
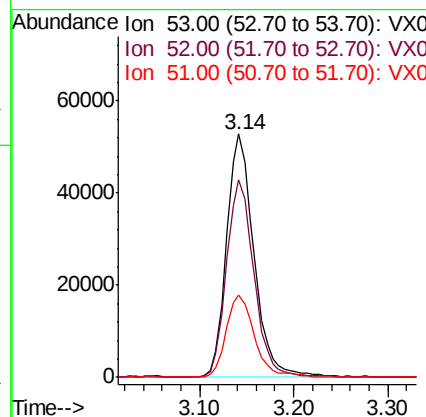
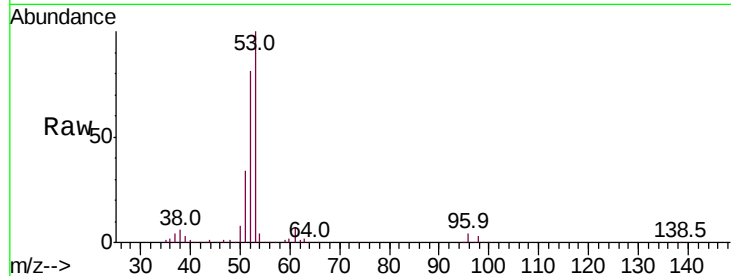
#15
 Acrylonitrile
 Concen: 109.454 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	35.6	28.2	42.4

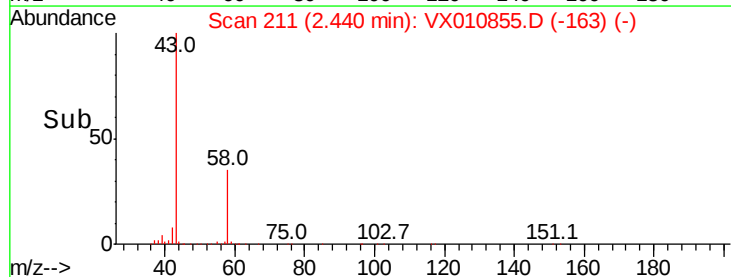
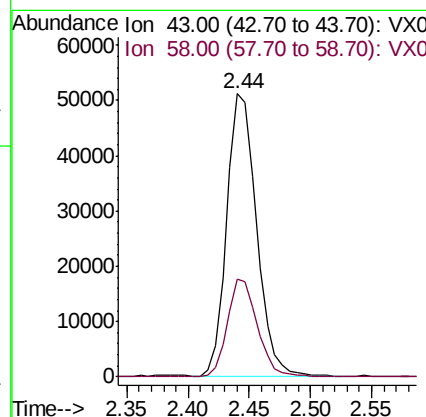
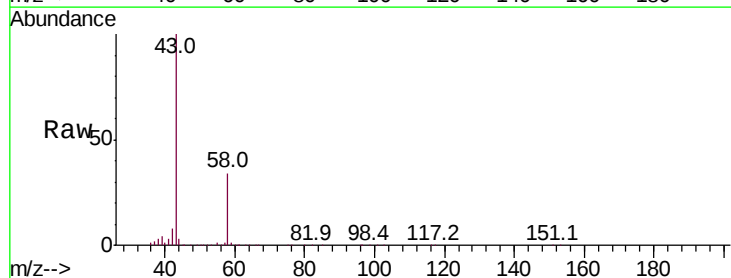
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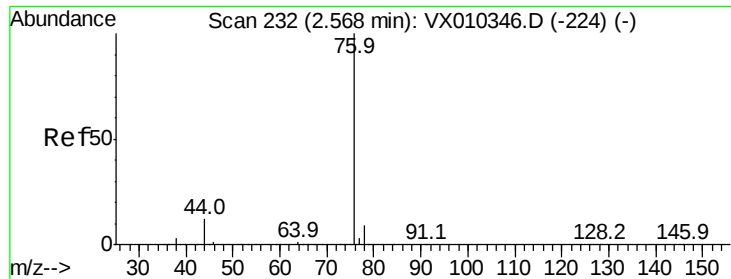
MMDadoda
 7/15/2019 10:59:30 AM



#16
 Acetone
 Concen: 91.226 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.9	43.3





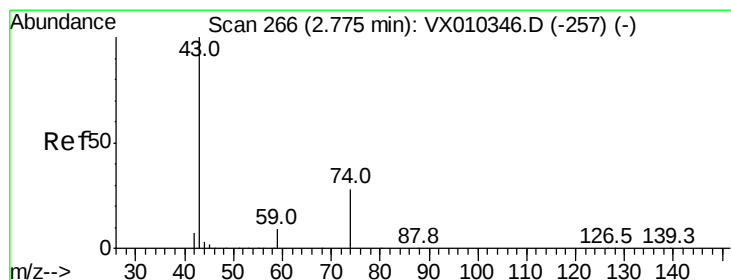
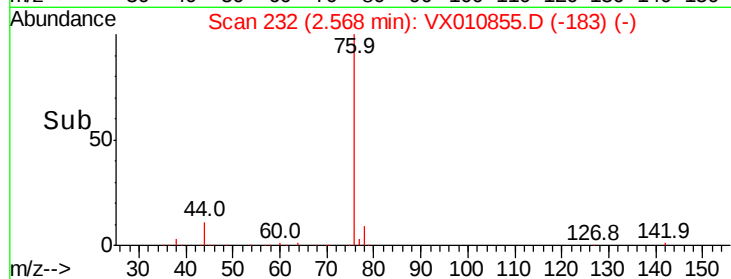
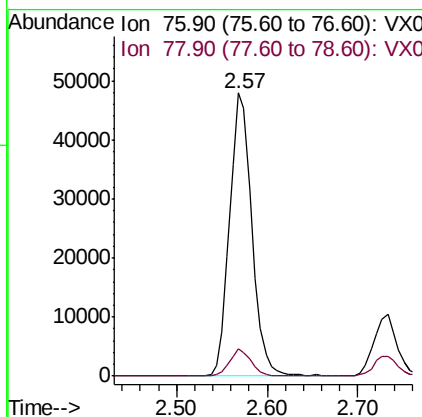
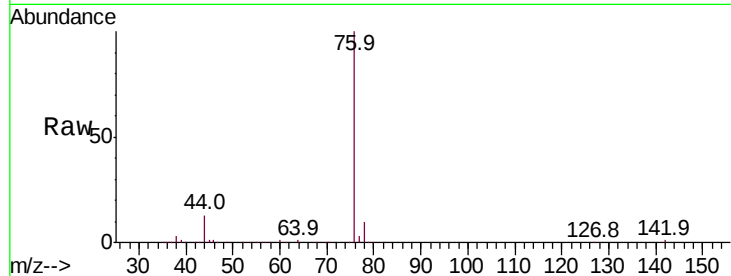
#17
Carbon Disulfide
Concen: 17.593 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

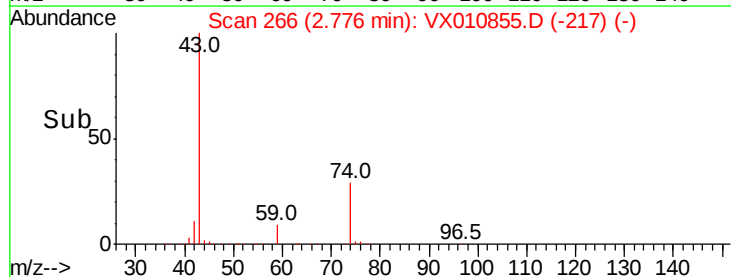
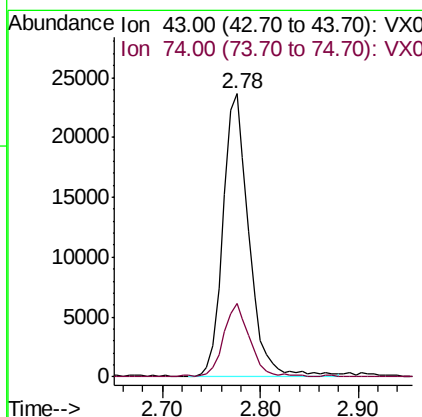
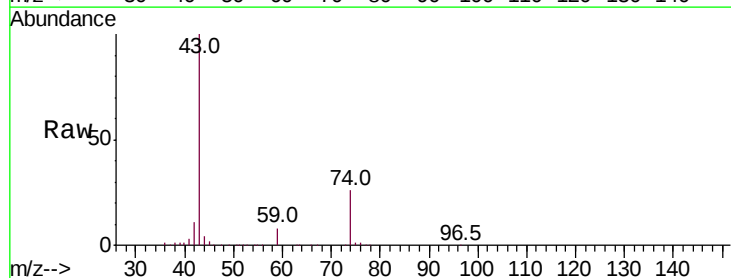
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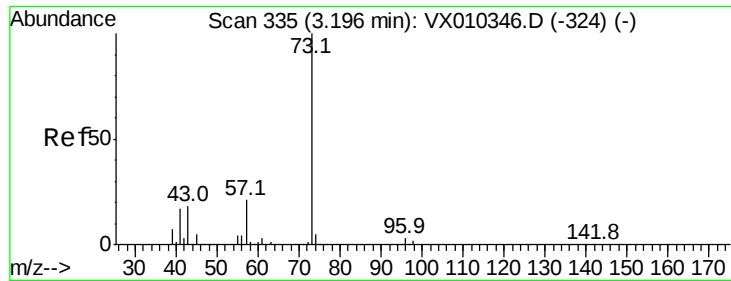
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#18
Methyl Acetate
Concen: 23.001 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.3	31.9





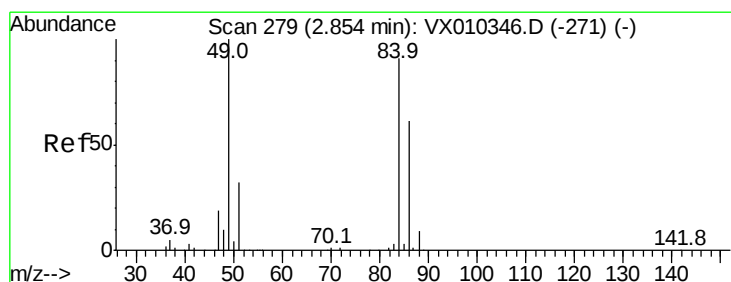
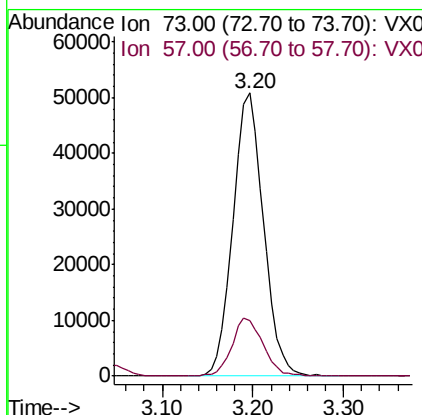
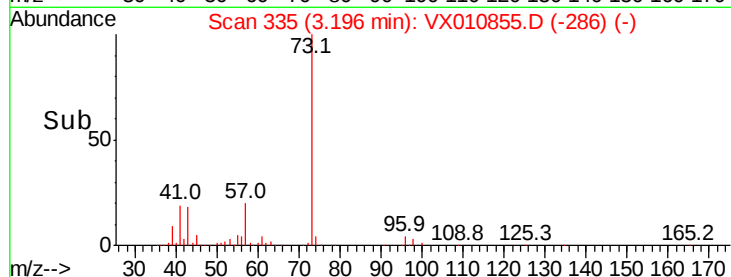
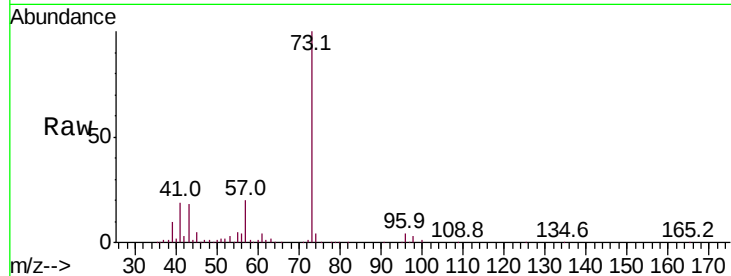
#19
Methyl tert-butyl Ether
Concen: 21.817 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.7	16.4	24.6

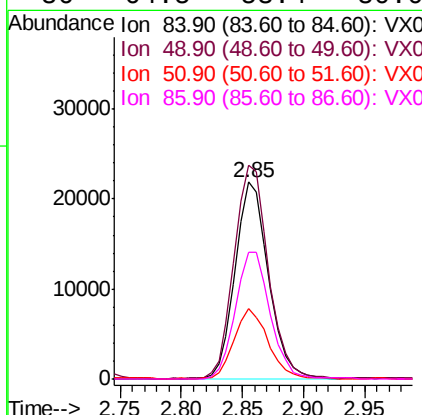
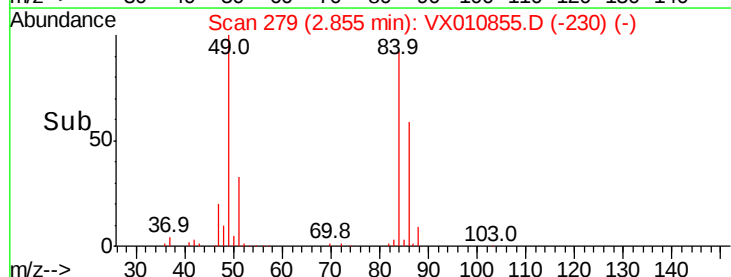
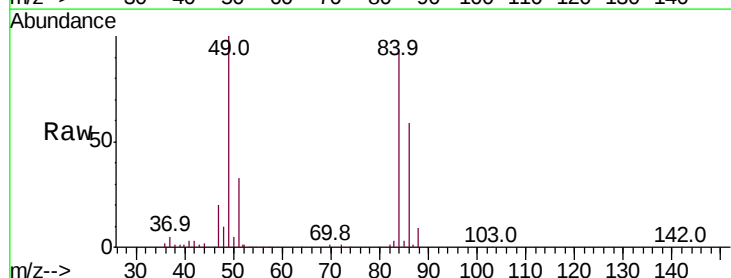
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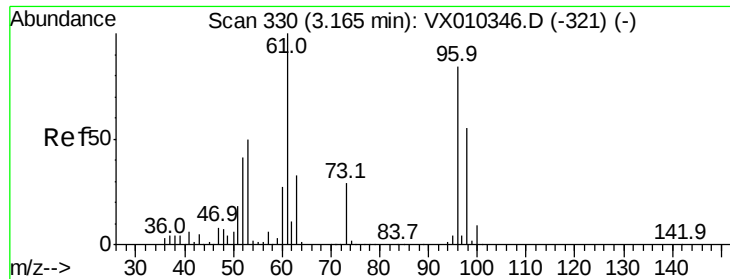
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#20
Methylene Chloride
Concen: 21.446 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.0	87.5	131.3
51	35.6	27.7	41.5
86	64.5	53.4	80.0





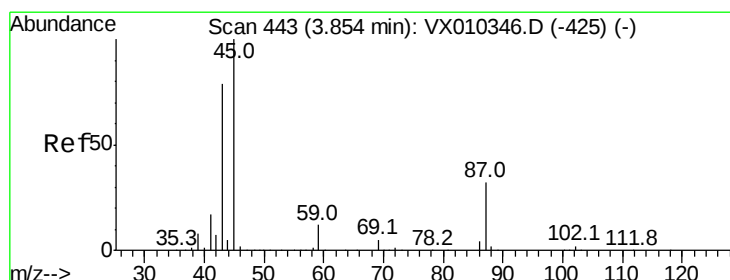
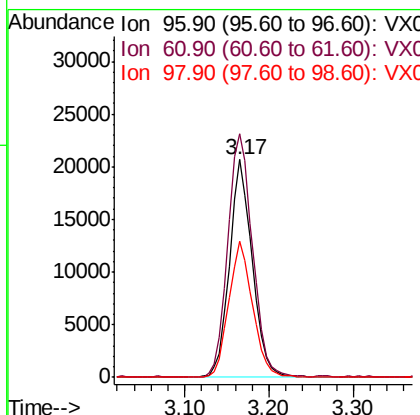
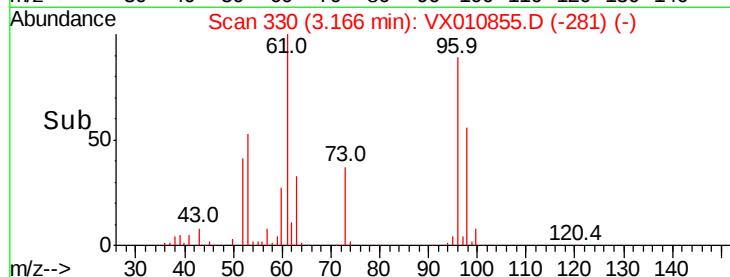
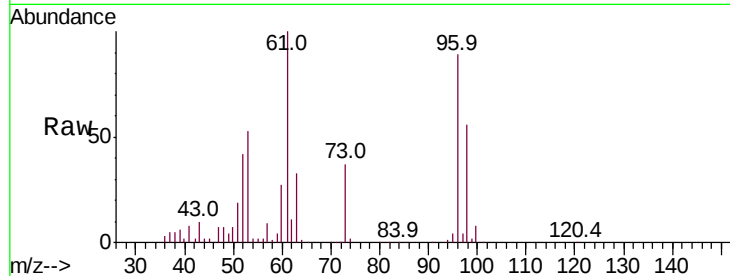
#21
trans-1,2-Dichloroethene
Concen: 20.385 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion:	96	Resp:	38058
Ion Ratio	Lower	Upper	
96	100		
61	111.7	95.6	143.4
98	62.3	52.5	78.7

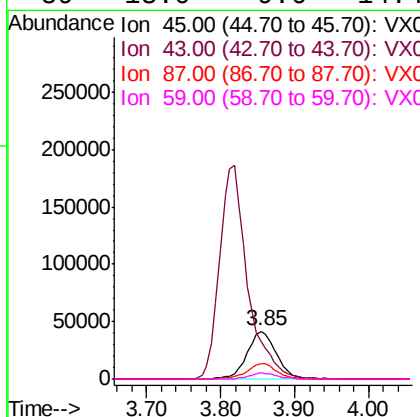
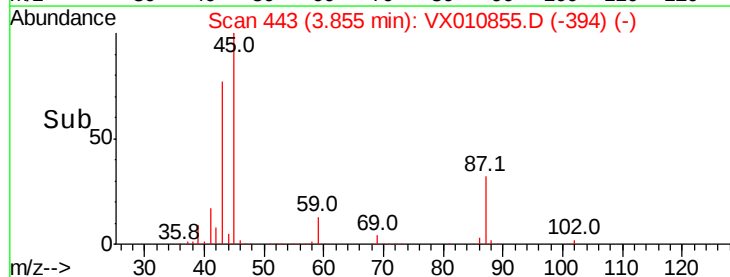
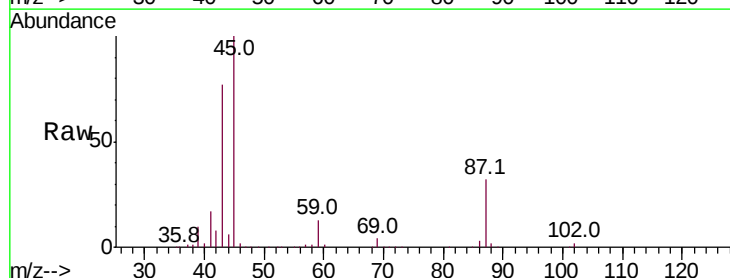
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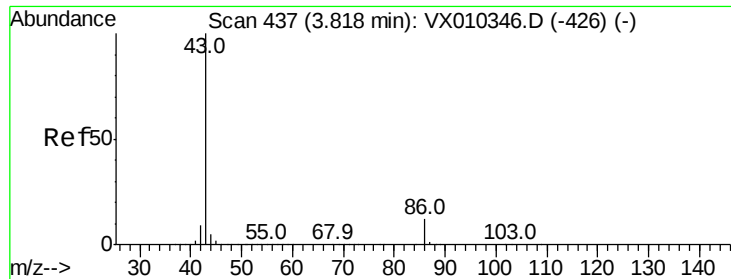
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#22
Diisopropyl ether
Concen: 22.129 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion:	45	Resp:	114023
Ion Ratio	Lower	Upper	
45	100		
43	76.8	63.3	94.9
87	32.0	25.8	38.8
59	13.0	9.6	14.4





#23

Vinyl Acetate

Concen: 109.580 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion: 43 Resp: 487782

Ion Ratio Lower Upper

43 100

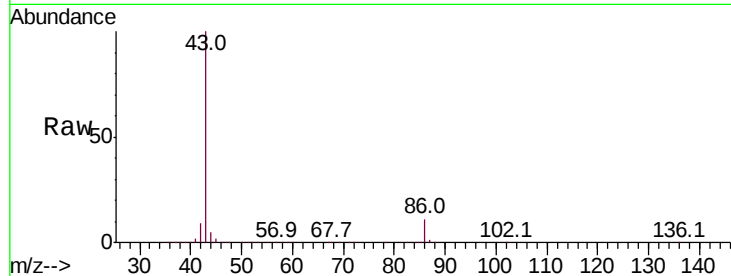
86 11.3 9.9 14.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

150000

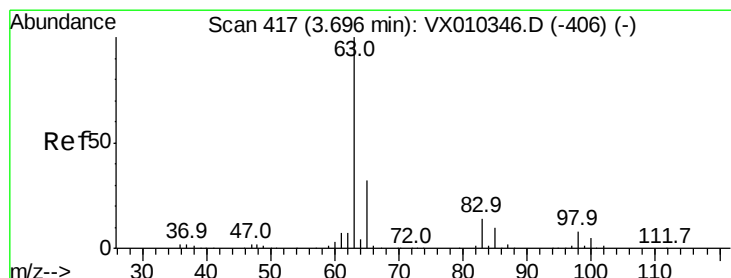
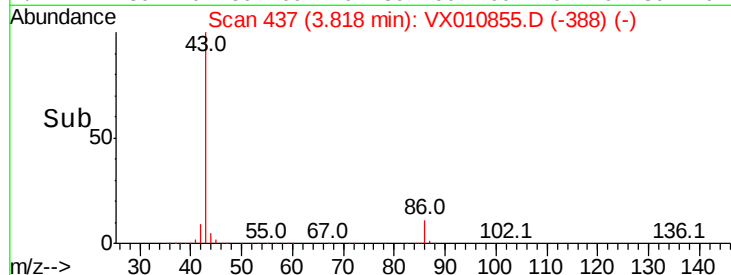
100000

50000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 21.933 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

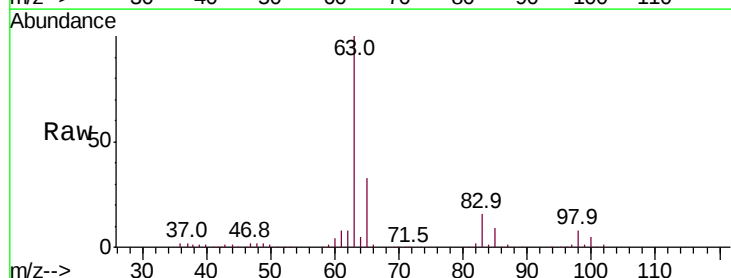
Tgt Ion: 63 Resp: 65325

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

30000

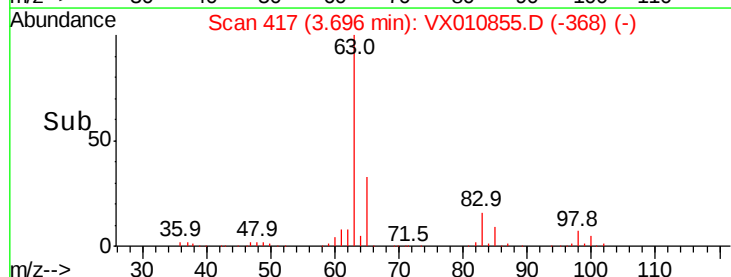
20000

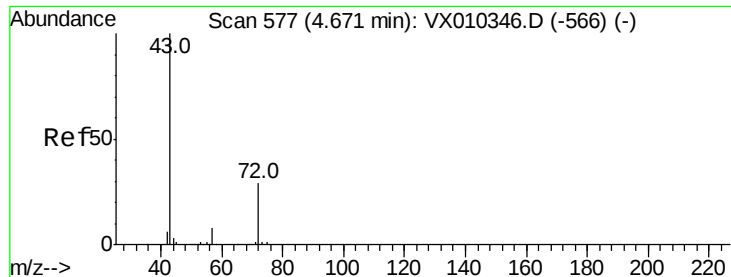
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 103.644 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion: 43 Resp: 143073

Ion Ratio Lower Upper

43 100

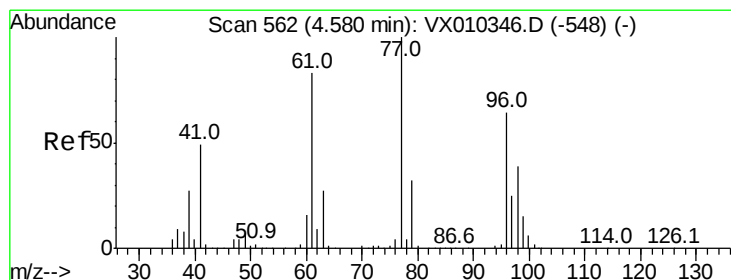
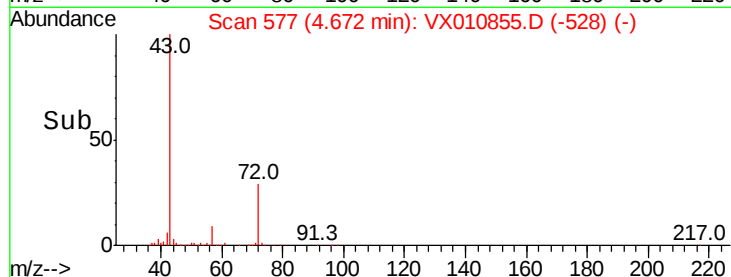
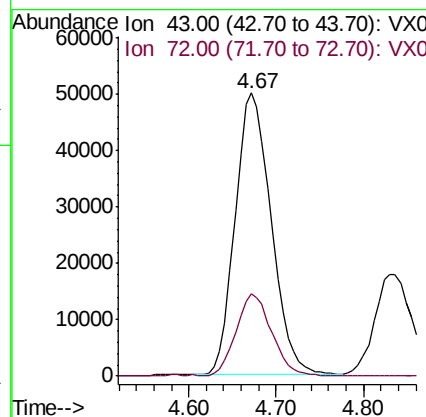
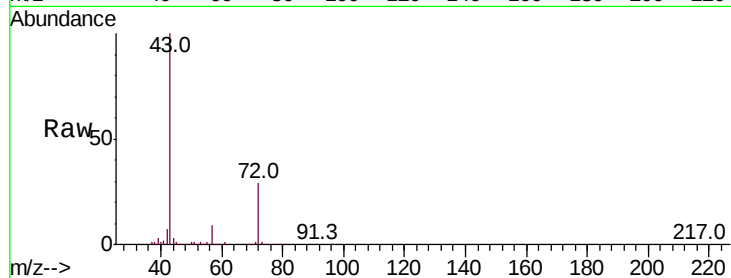
72 29.0 23.3 34.9

Manual Integrations

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7/15/2019 10:59:30 AM



#26

2,2-Dichloropropane

Concen: 16.091 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010855.D

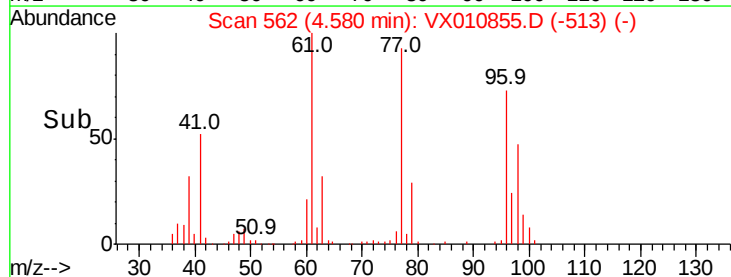
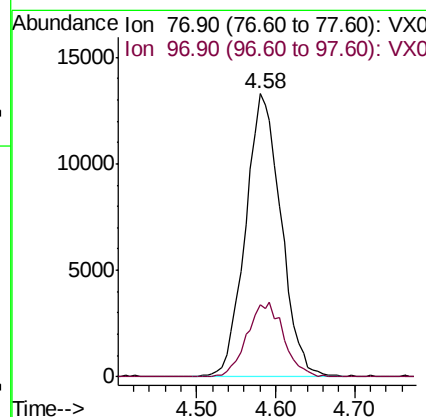
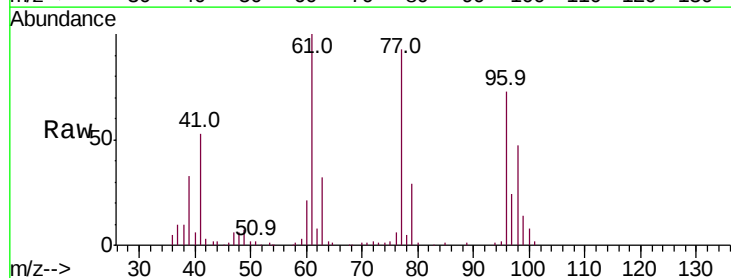
Acq: 12 Jul 2019 23:02

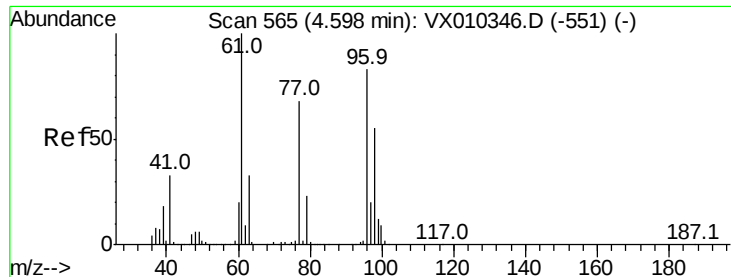
Tgt Ion: 77 Resp: 41633

Ion Ratio Lower Upper

77 100

97 26.8 13.1 39.3





#27

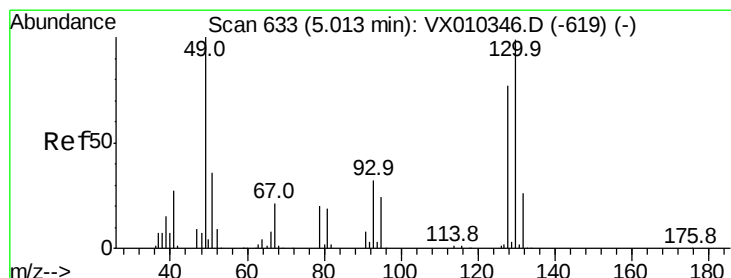
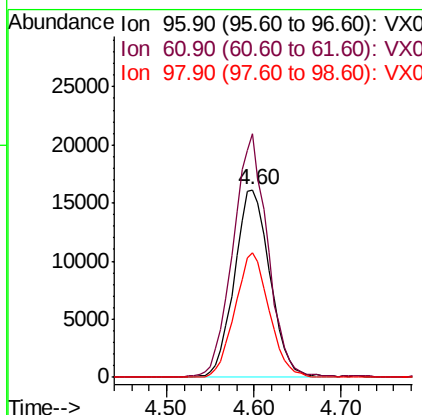
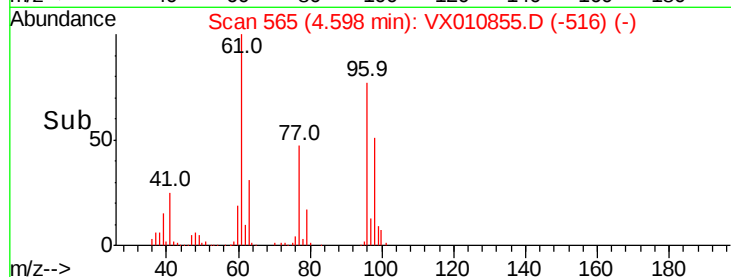
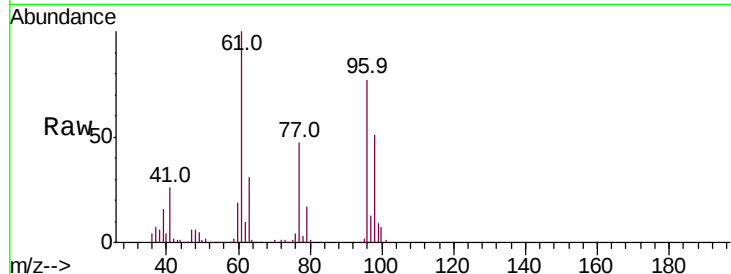
cis-1,2-Dichloroethene
Concen: 21.163 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	251.8
98	64.0	0.0	129.4

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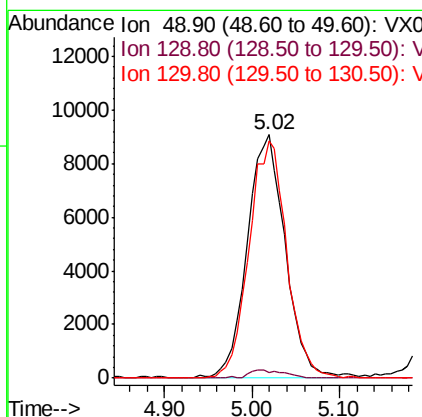
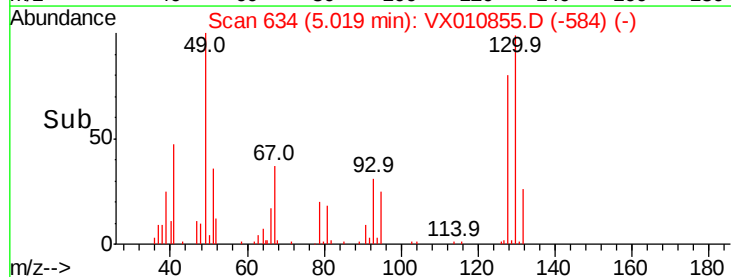
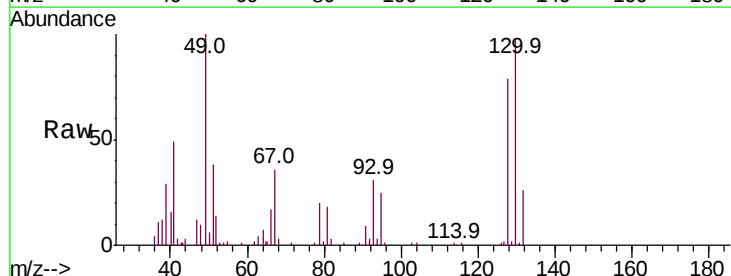
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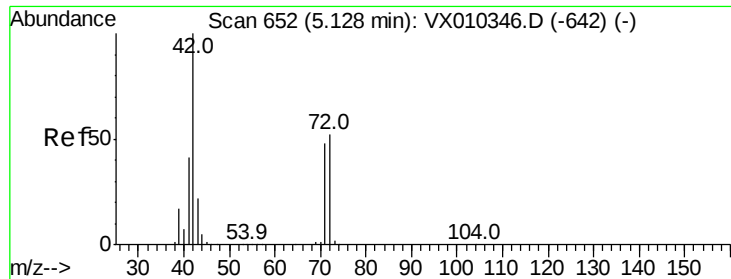


#28

Bromochloromethane
Concen: 19.264 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	96.3	81.4	122.0





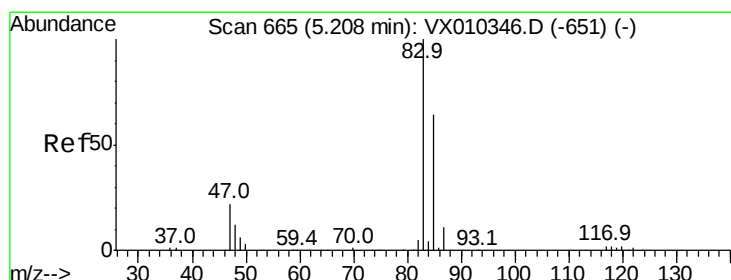
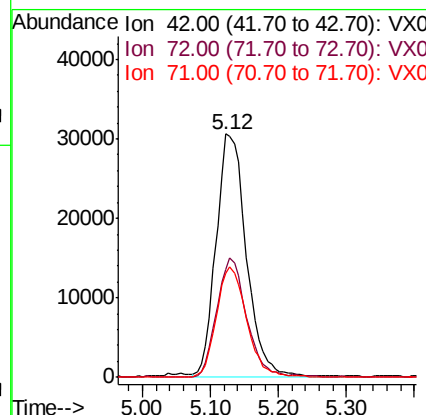
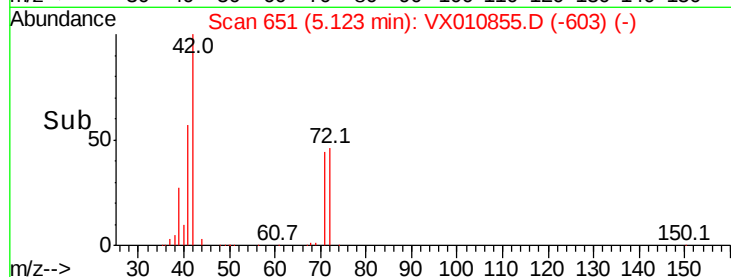
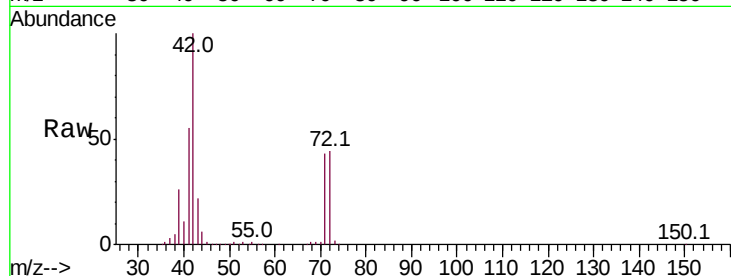
#29
Tetrahydrofuran
Concen: 109.840 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	40.6	60.8
71	45.4	37.8	56.8

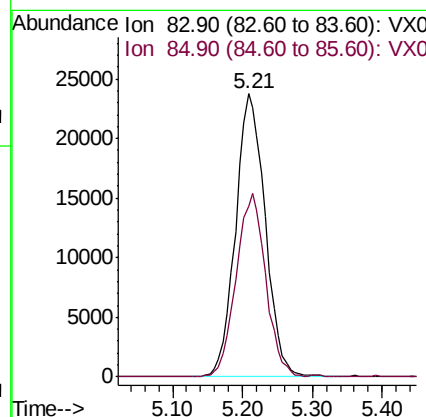
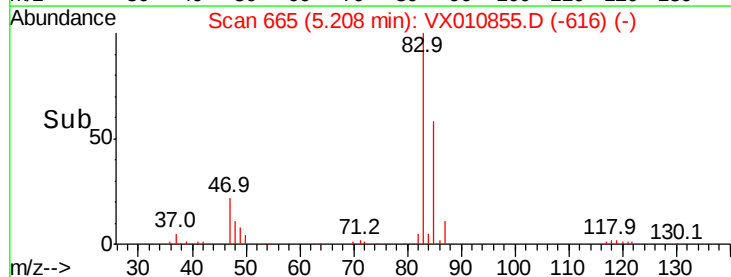
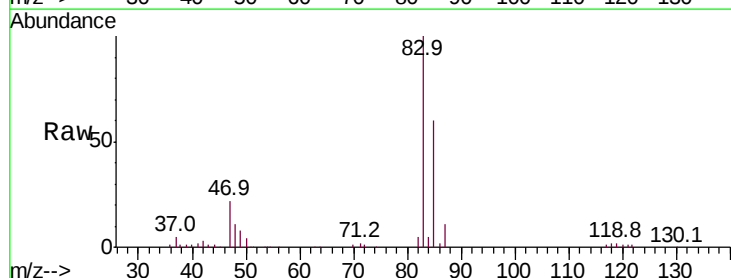
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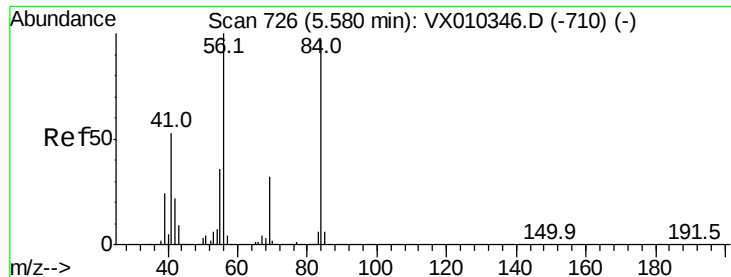
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#30
Chloroform
Concen: 21.846 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	50.9	76.3





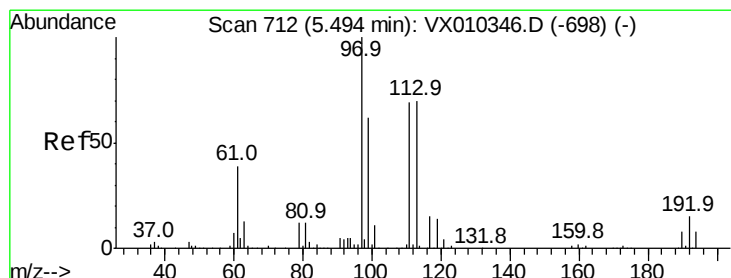
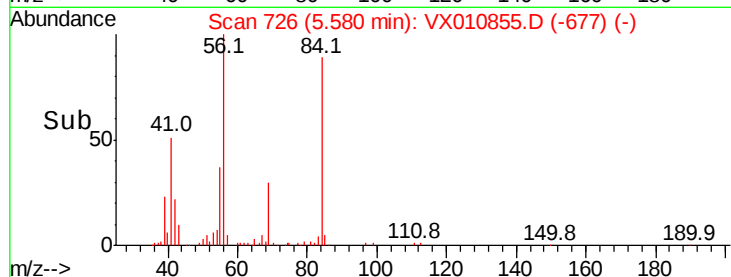
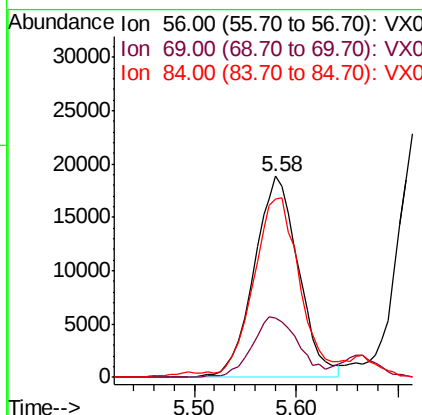
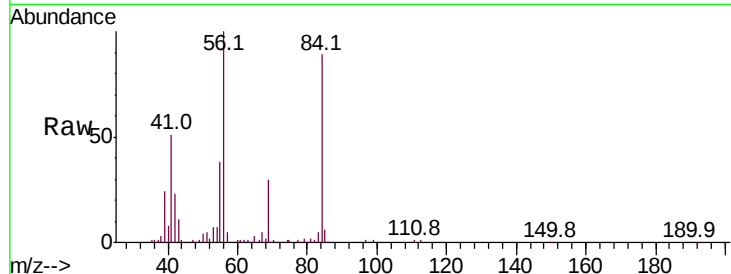
#31
Cvclohexane
Concen: 20.983 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	25.9	38.9
84	86.0	78.0	117.0

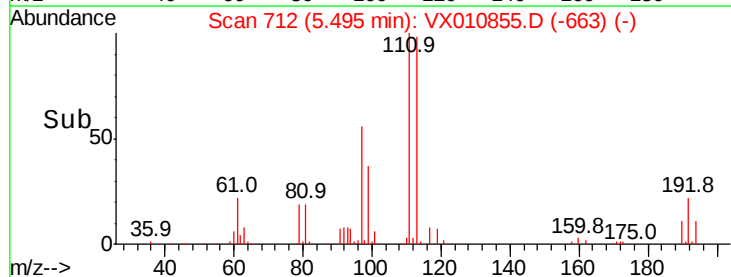
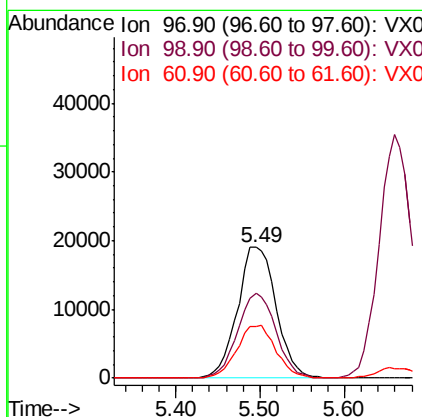
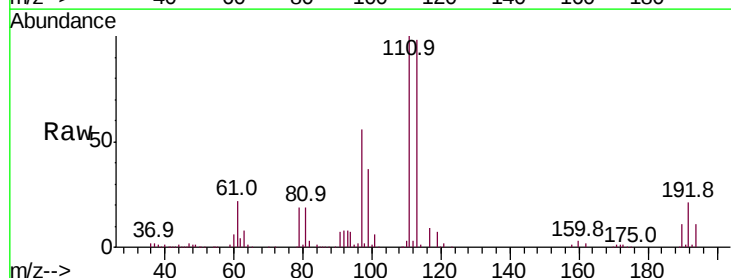
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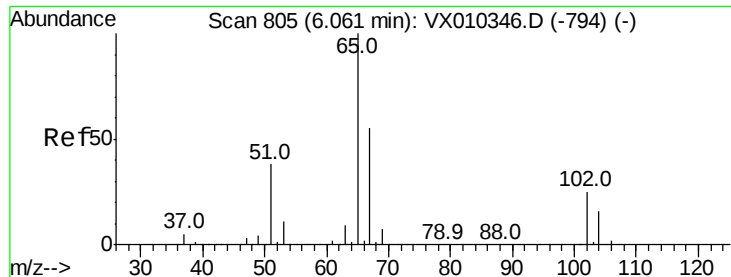
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#32
1,1,1-Trichloroethane
Concen: 20.920 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	40.0	32.1	48.1





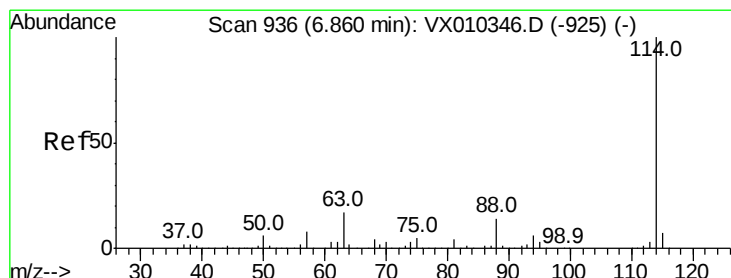
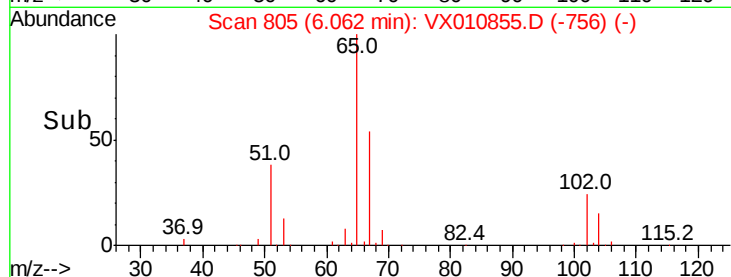
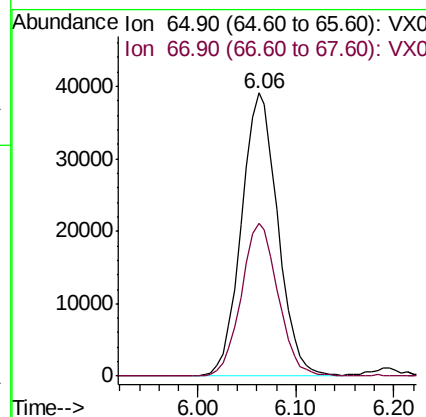
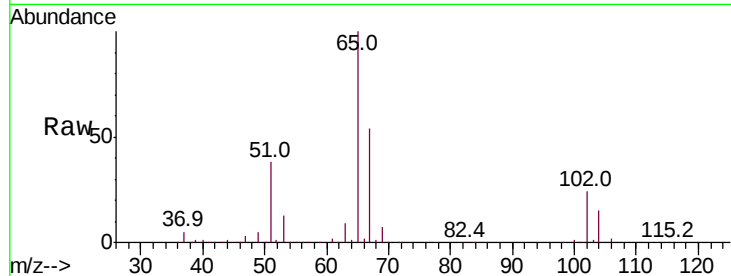
#33
 1,2-Dichloroethane-d4
 Concen: 53.698 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	110.2

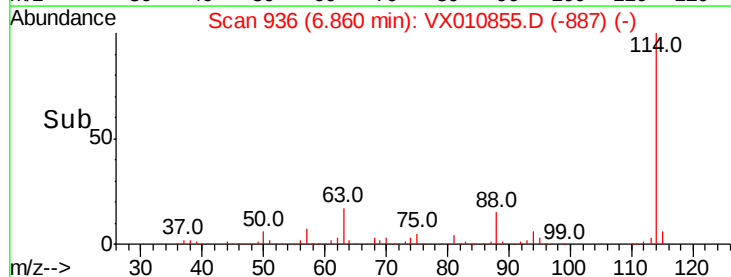
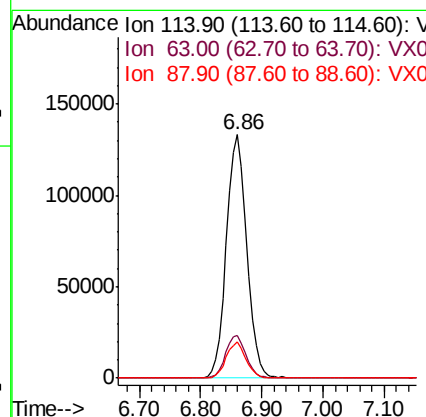
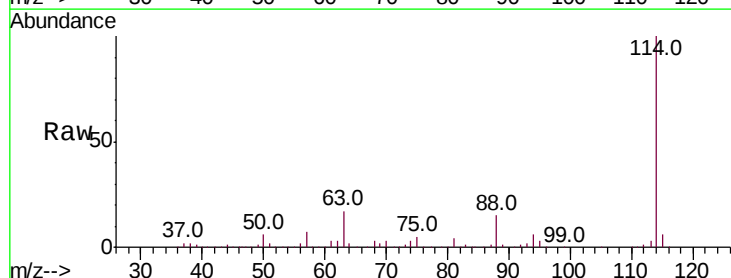
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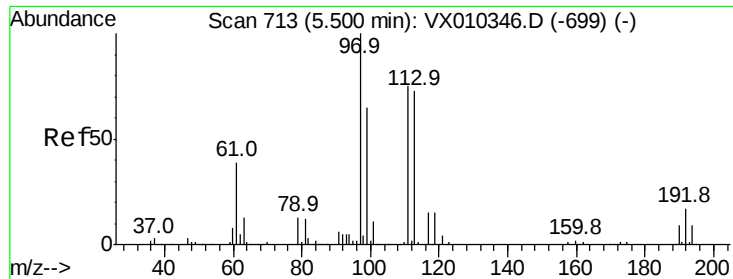
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	33.8
88	14.8	0.0	27.6





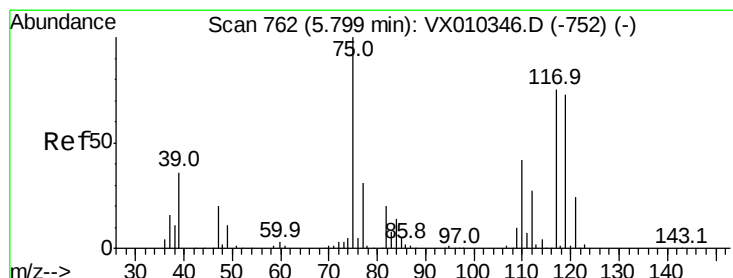
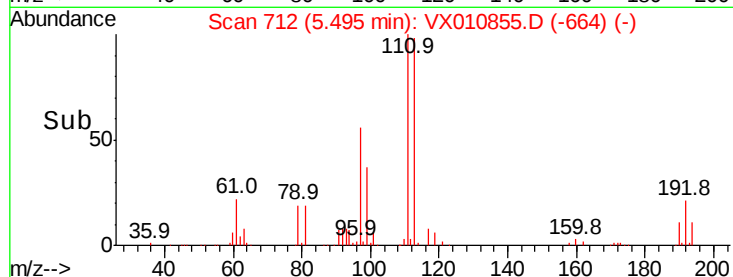
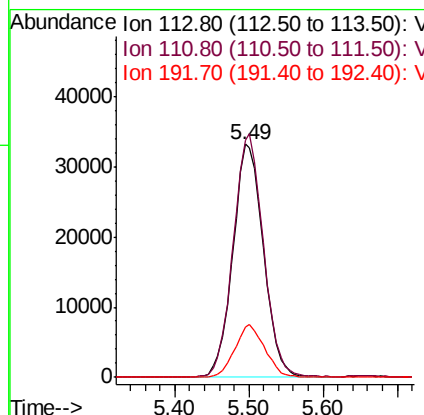
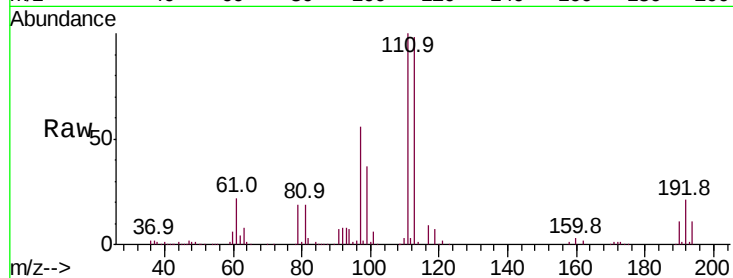
#35
 Dibromofluoromethane
 Concen: 50.868 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.2	121.8
192	22.2	18.6	27.8

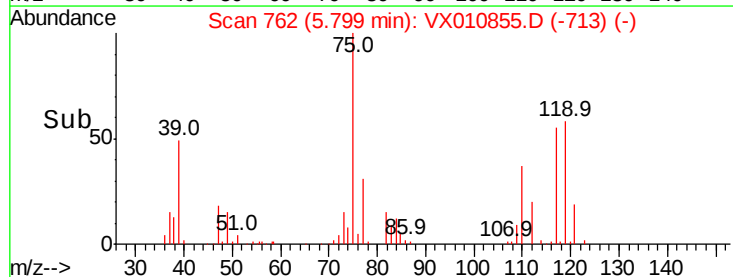
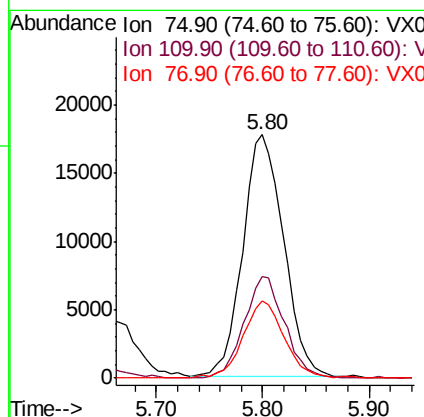
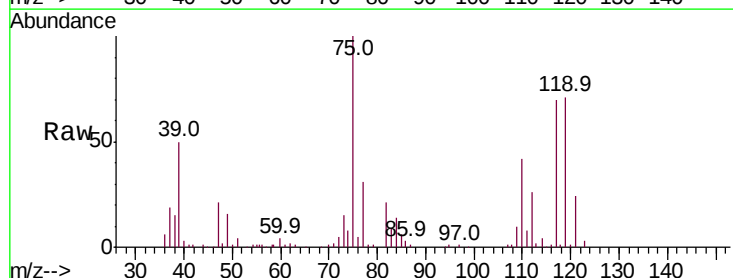
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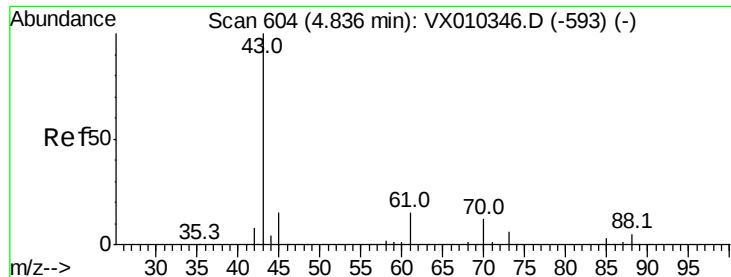
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#36
 1,1-Dichloropropene
 Concen: 19.562 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.5	20.8	62.2
77	32.0	25.4	38.0





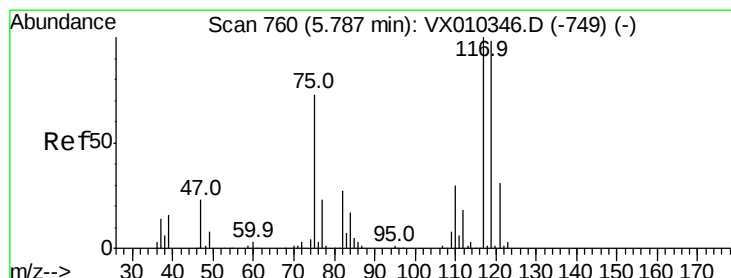
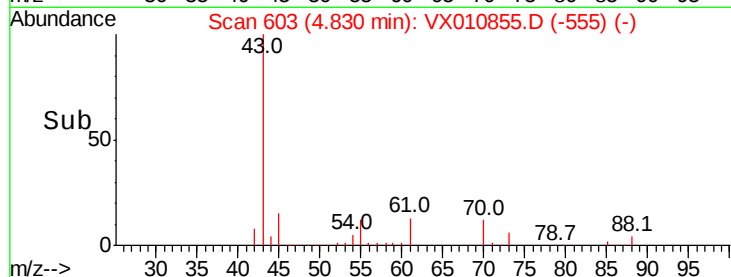
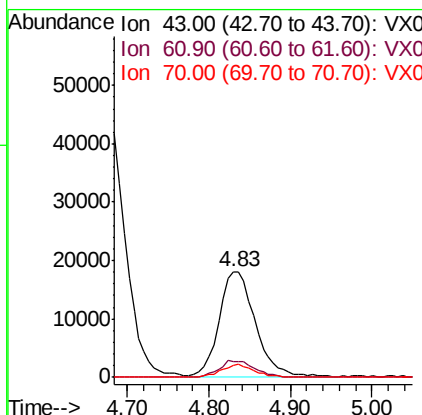
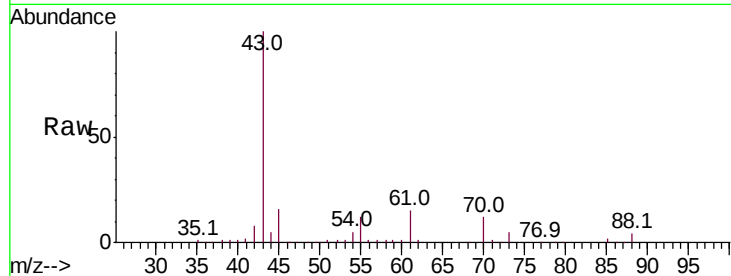
#37
Ethyl Acetate
Concen: 21.623 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.4	18.6
70	11.5	9.8	14.8

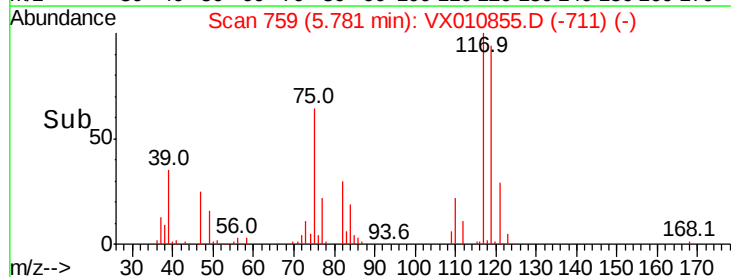
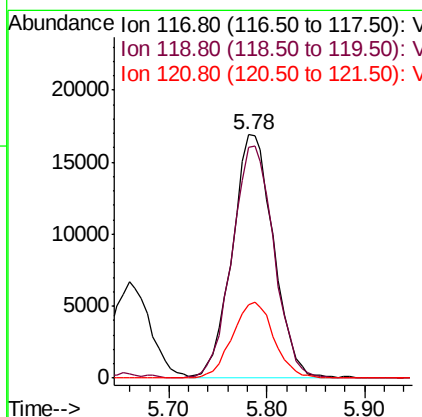
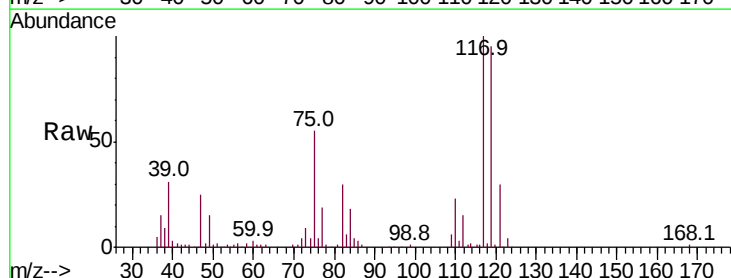
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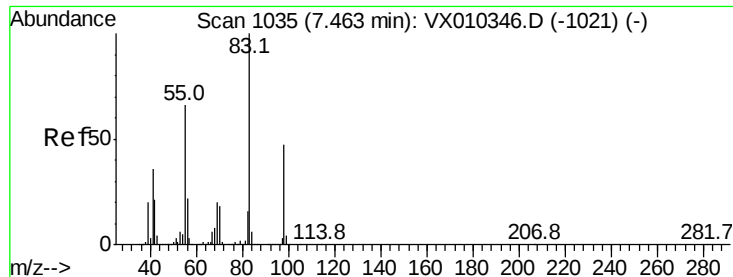
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#38
Carbon Tetrachloride
Concen: 18.576 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.2	117.4
121	30.5	24.7	37.1





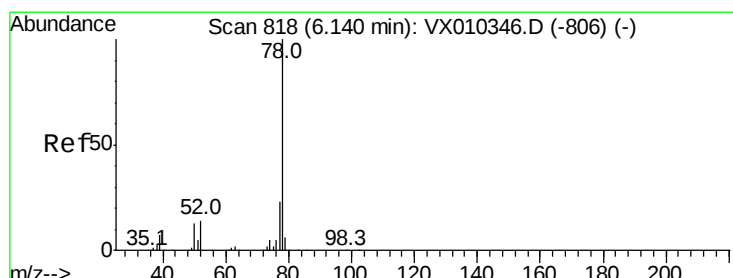
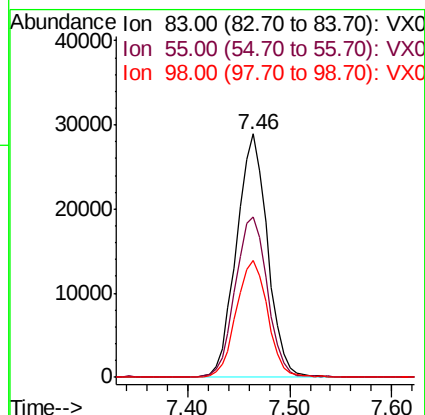
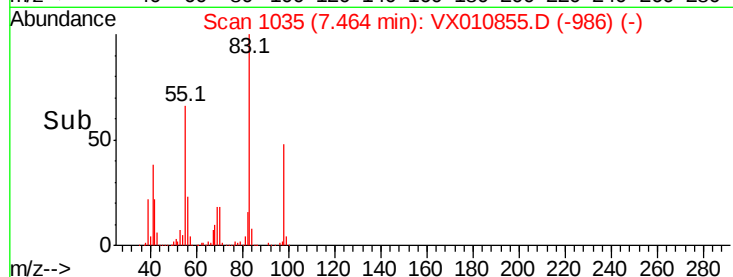
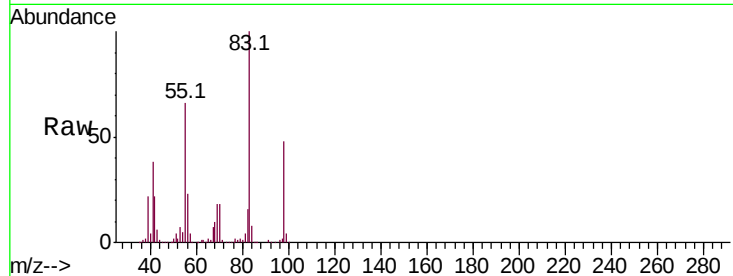
#39
Methvlcvclohexane
Concen: 18.988 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Resp	Lower	Upper
83	100	60956		
55	65.9		53.0	79.6
98	48.1		37.8	56.8

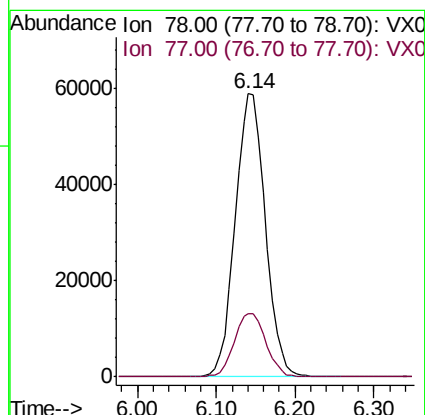
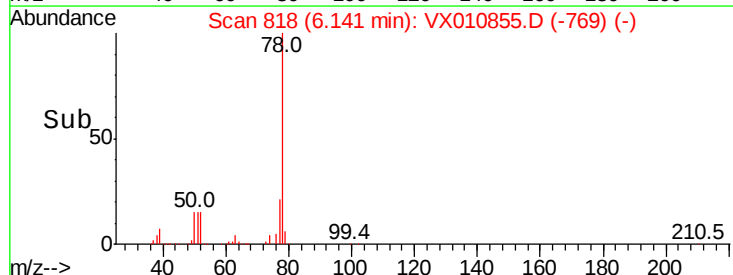
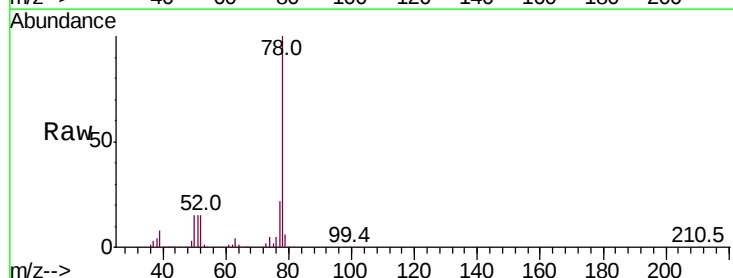
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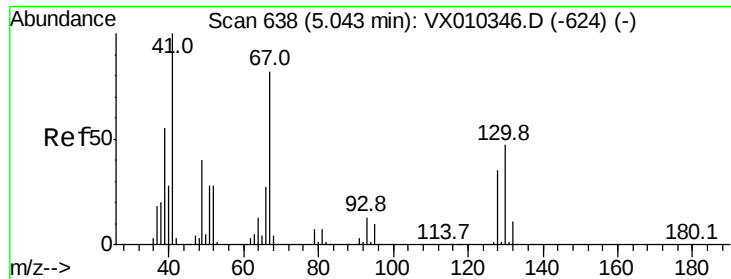
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#40
Benzene
Concen: 20.551 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	156364		
77	22.3		18.6	28.0





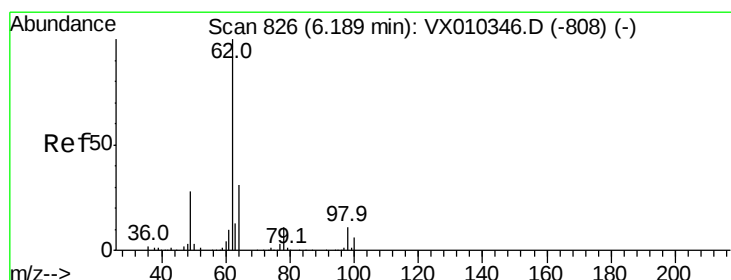
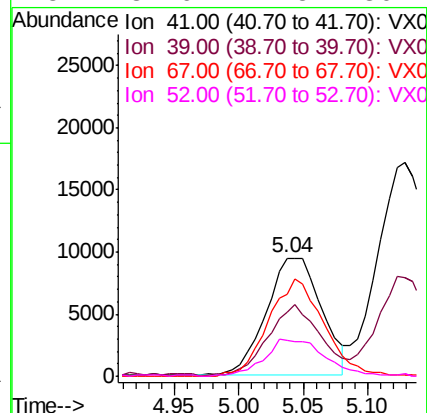
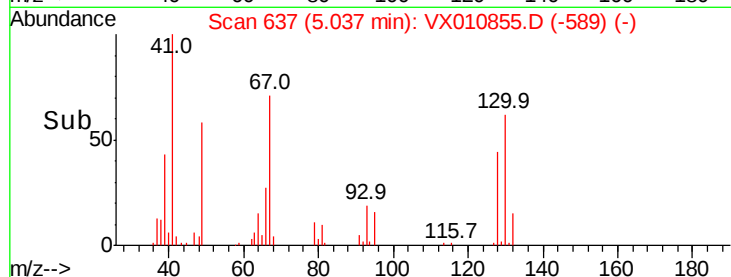
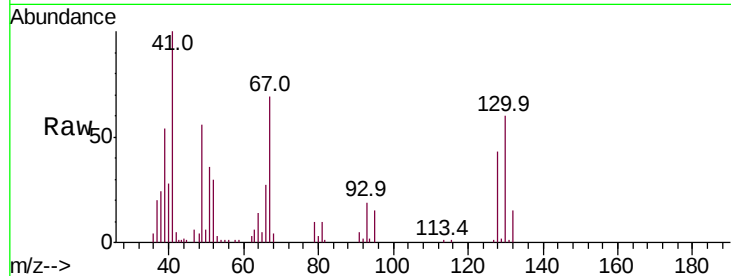
#41
Methacrylonitrile
Concen: 20.592 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleID :
VX0712WBS03

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.4	43.8	65.8	
67	83.4	66.6	100.0	
52	34.6	24.5	36.7	

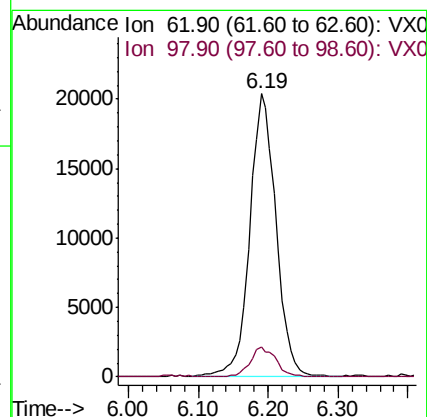
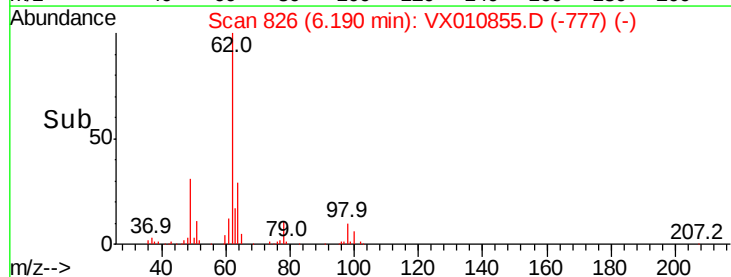
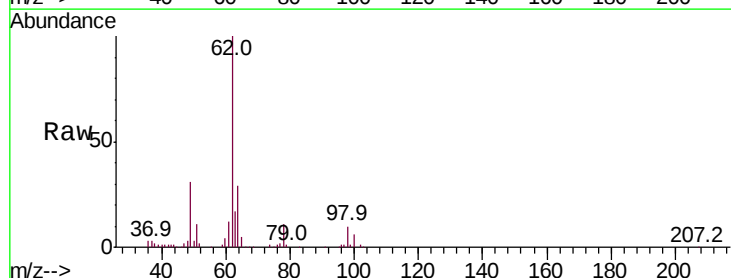
Manual Integrations
APPROVED

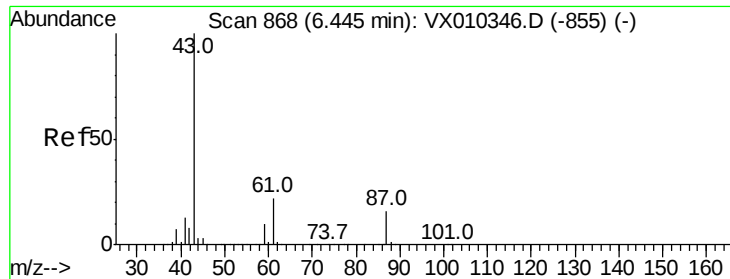
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#42
1,2-Dichloroethane
Concen: 22.946 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	22.2	





#43

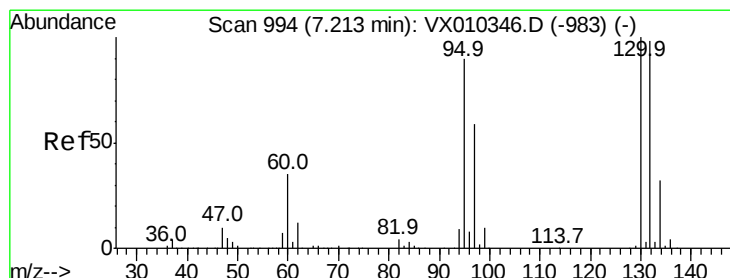
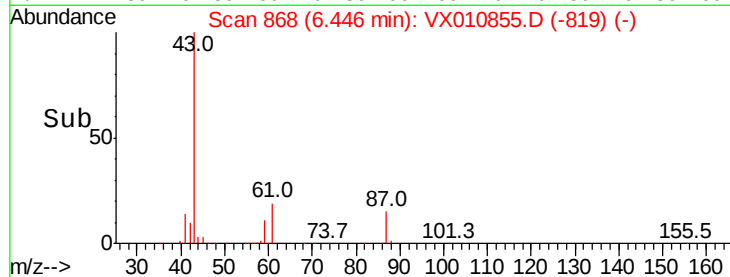
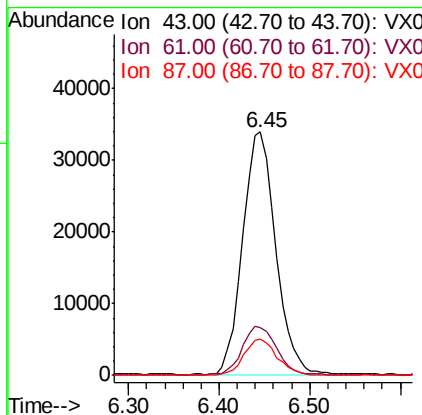
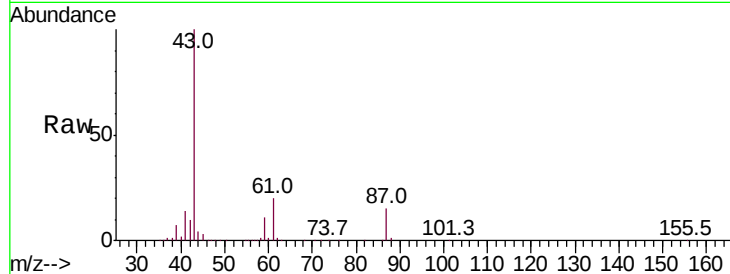
Isopropyl Acetate
 Concen: 20.536 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.8	26.6
87	15.0	13.0	19.4

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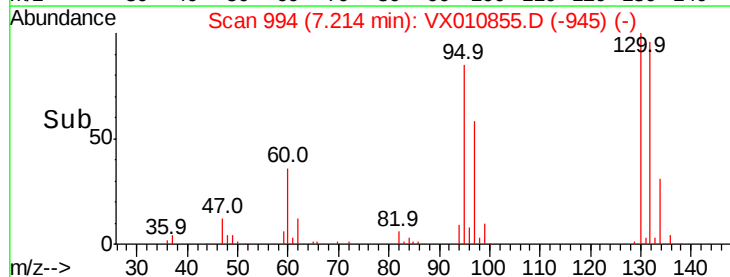
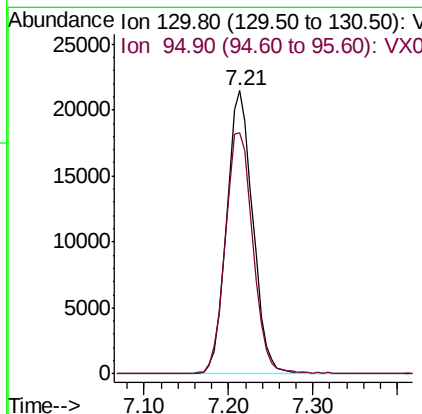
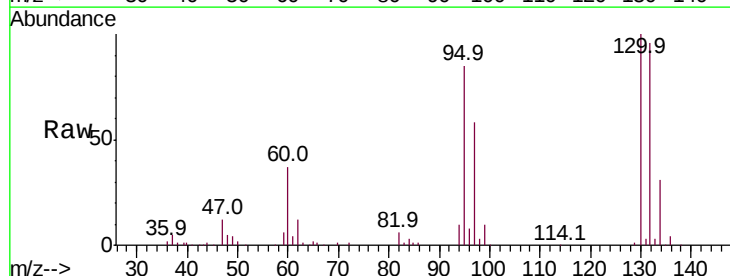
MMDadoda
 7/15/2019 10:59:30 AM

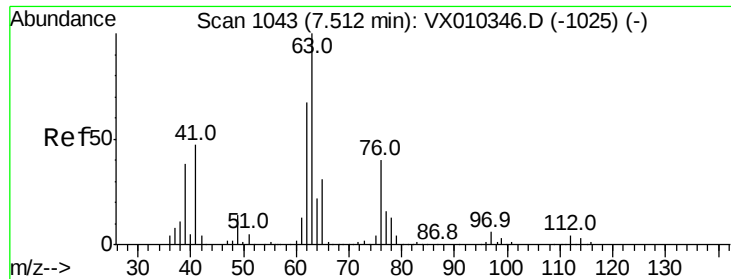


#44

Trichloroethene
 Concen: 19.945 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.1	0.0	180.8





#45

1,2-Dichloropropane

Concen: 21.171 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion: 63 Resp: 40678

Ion Ratio Lower Upper

63 100

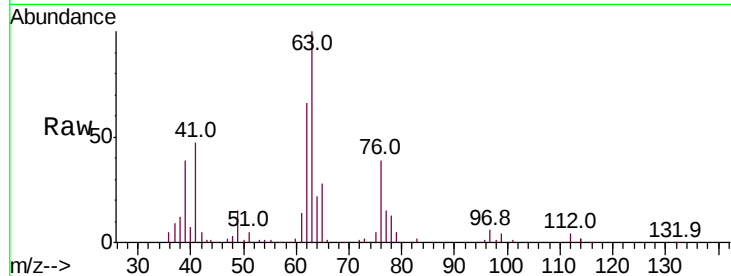
65 28.4 24.8 37.2

Manual Integrations

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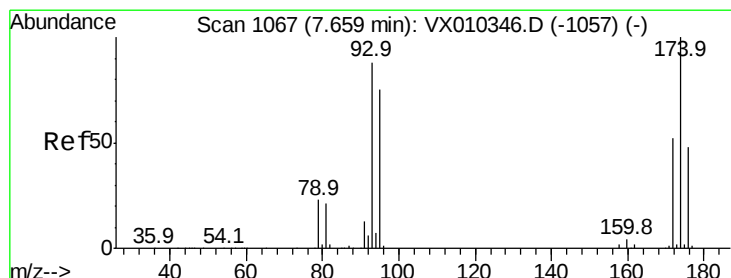
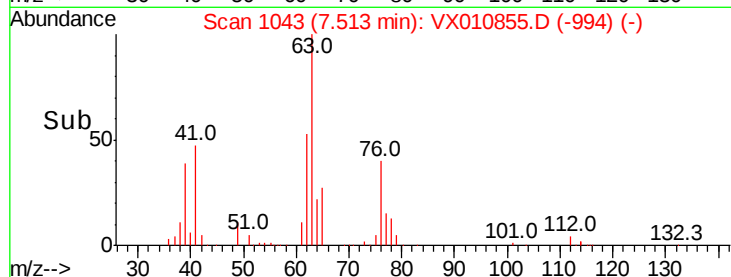
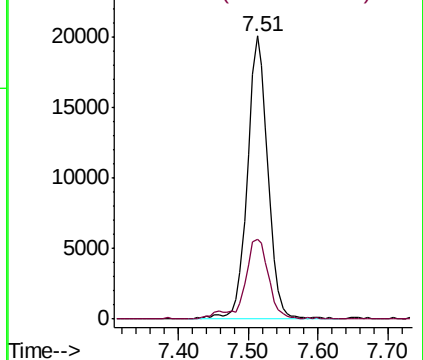
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.768 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

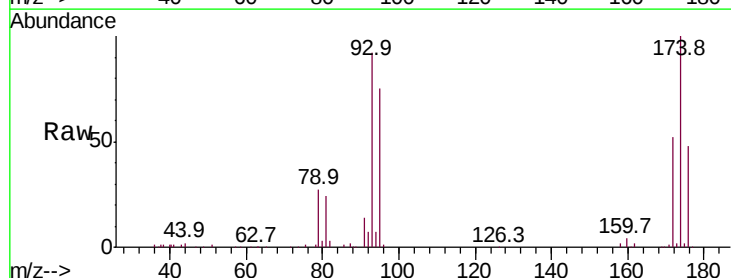
Tgt Ion: 93 Resp: 28629

Ion Ratio Lower Upper

93 100

95 83.8 67.5 101.3

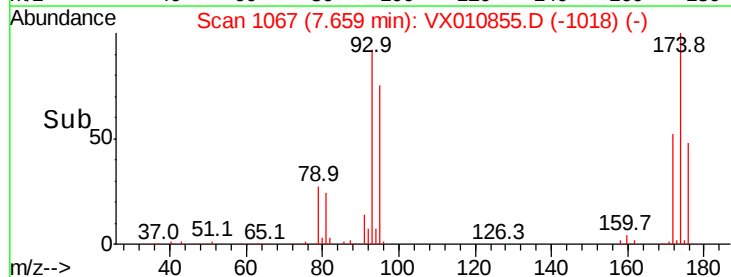
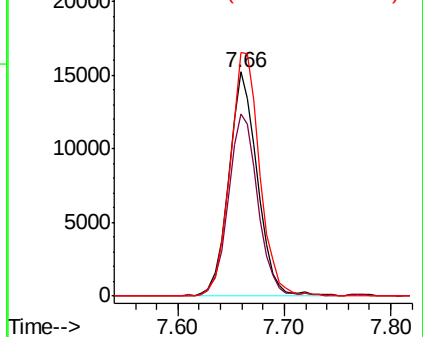
174 112.9 95.8 143.6

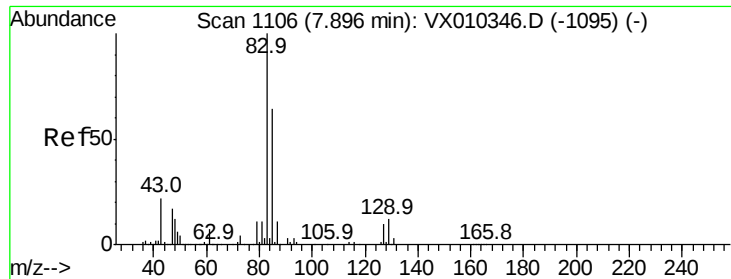


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.156 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

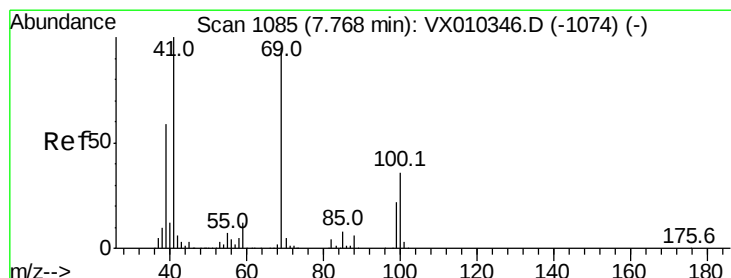
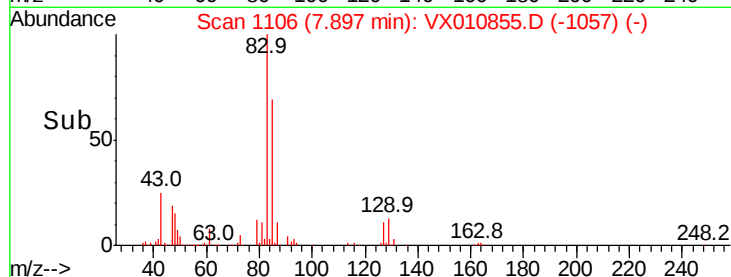
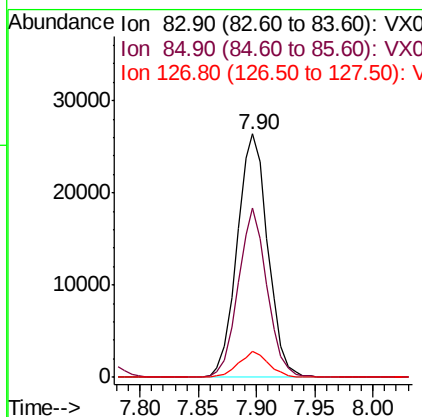
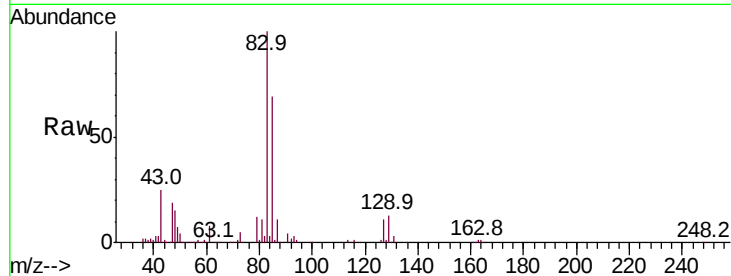
ClientSampleId :

VX0712WBS03

Tot Ion:	83	Resp:	48394
Ion	Ratio	Lower	Upper
83	100		
85	69.3	51.5	77.3
127	10.6	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.063 ug/l

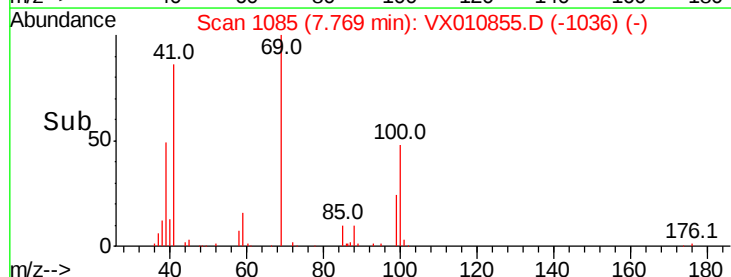
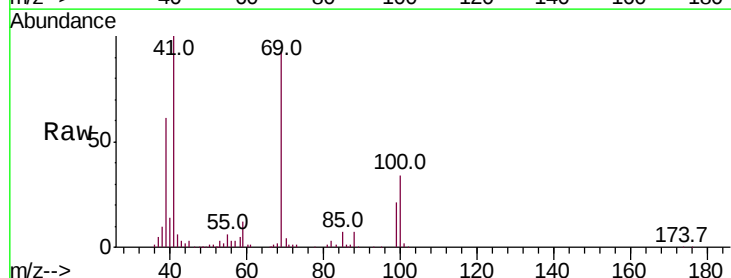
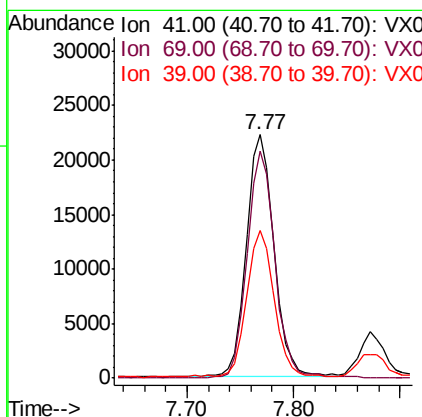
RT: 7.77 min Scan# 1085

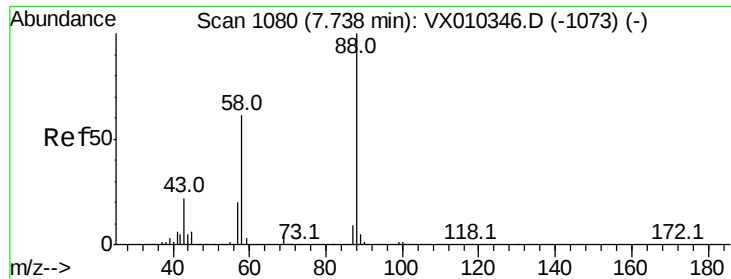
Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Tgt Ion:	41	Resp:	40696
Ion	Ratio	Lower	Upper
41	100		
69	94.2	76.1	114.1
39	60.1	47.6	71.4





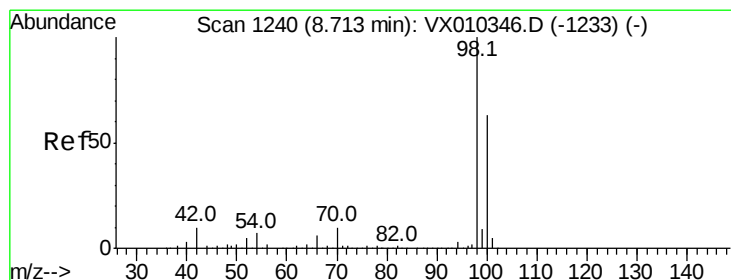
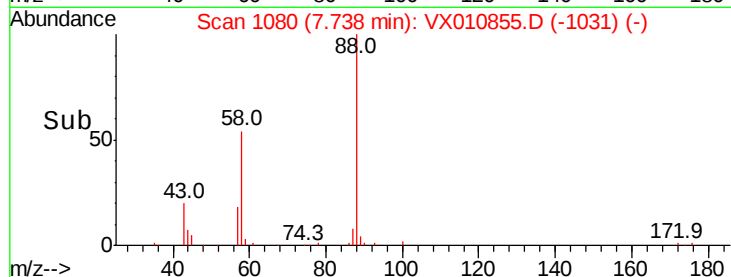
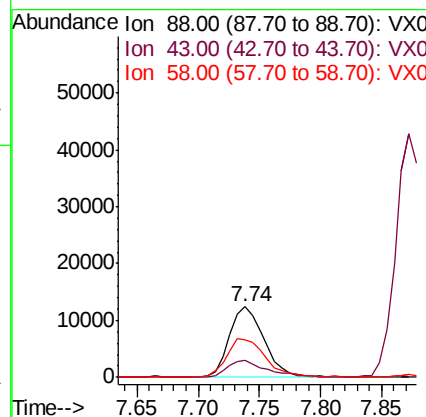
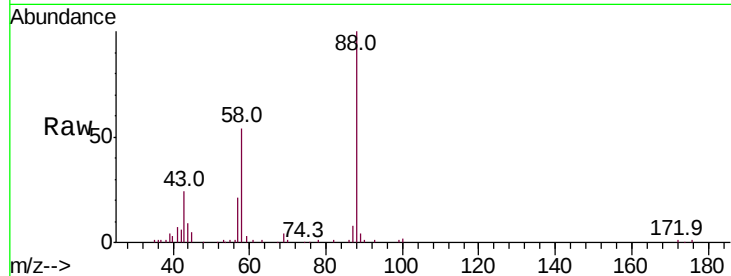
#49
 1,4-Dioxane
 Concen: 440.915 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.4	20.2	30.2
58	61.1	49.5	74.3

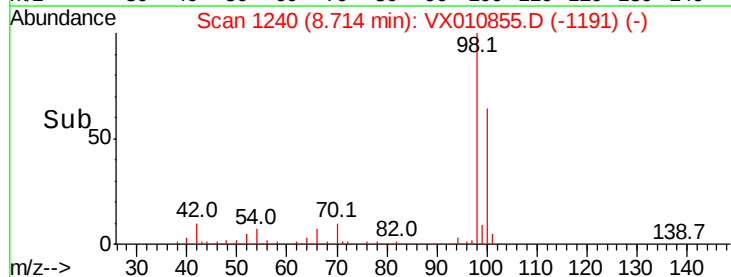
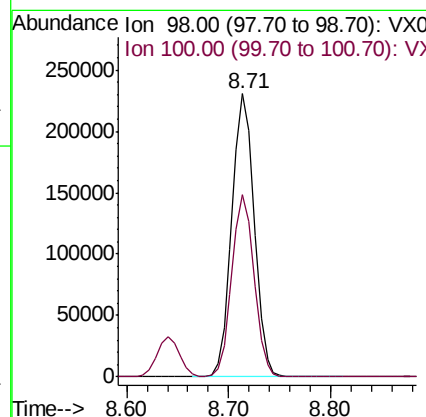
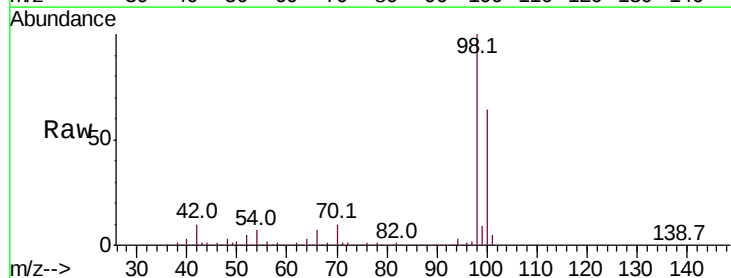
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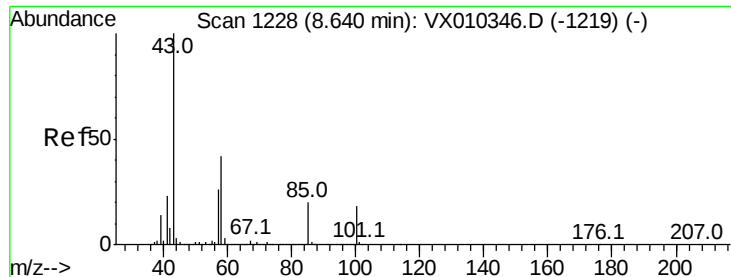
MMDadoda
 7/15/2019 10:59:30 AM



#50
 Toluene-d8
 Concen: 48.694 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 108.701 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion: 43 Resp: 288982

Ion Ratio Lower Upper

43 100

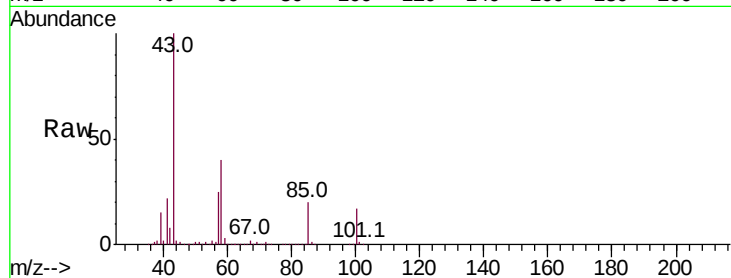
58 39.8 33.5 50.3

Manual Integrations

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7/15/2019 10:59:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

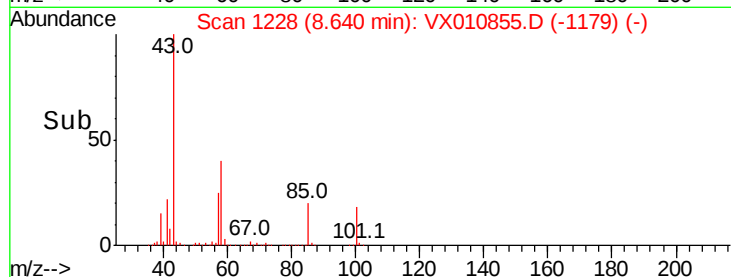
150000

100000

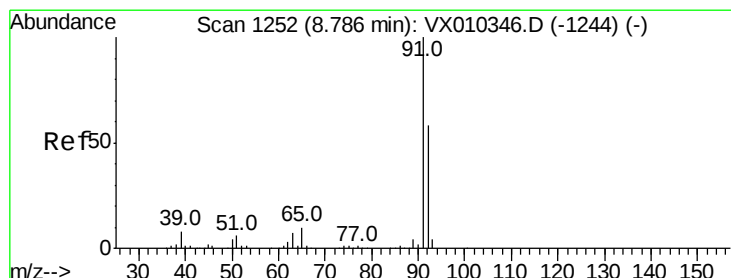
50000

0

Time-->



Time-->



#52

Toluene

Concen: 20.168 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010855.D

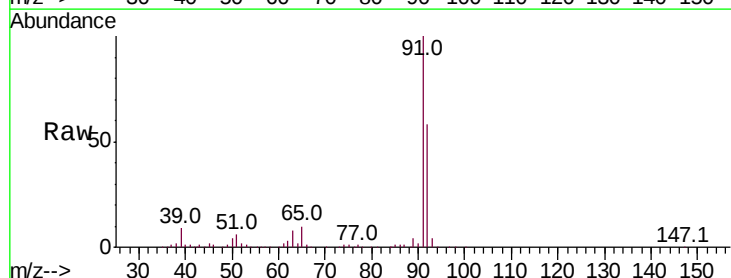
Acq: 12 Jul 2019 23:02

Tgt Ion: 92 Resp: 101054

Ion Ratio Lower Upper

92 100

91 174.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

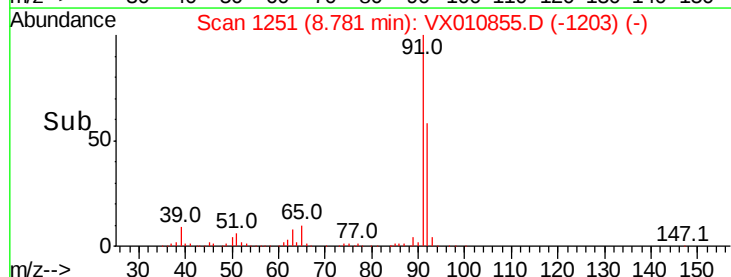
8.78

100000

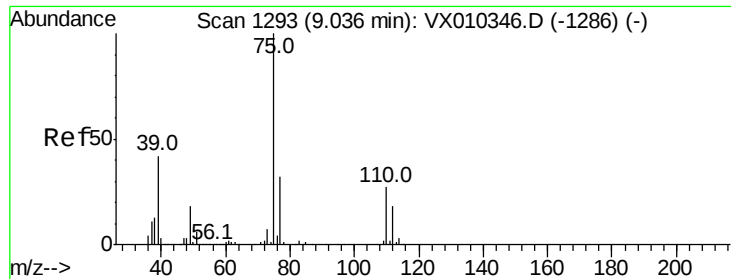
50000

0

Time-->



Time-->



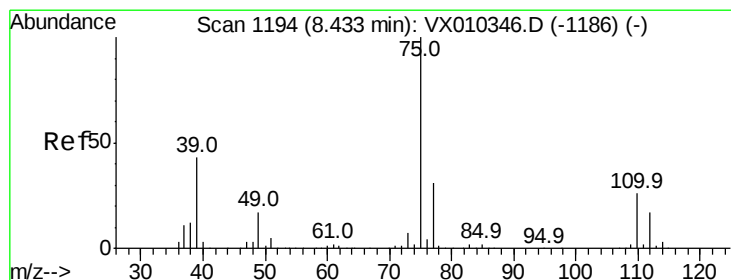
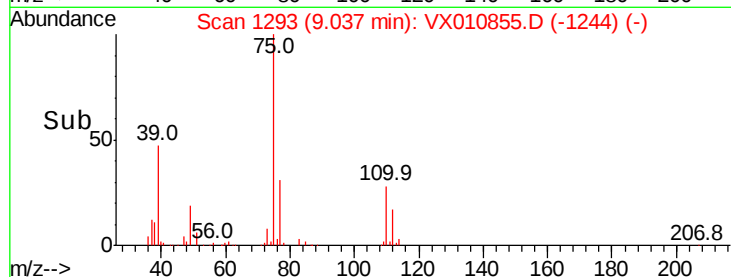
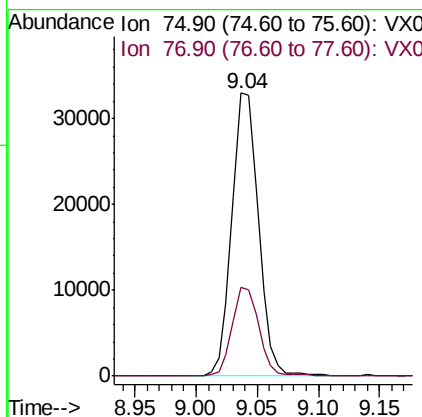
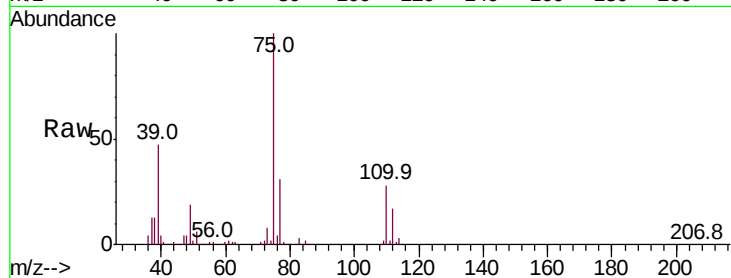
#53
t-1,3-Dichloropropene
Concen: 17.613 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2

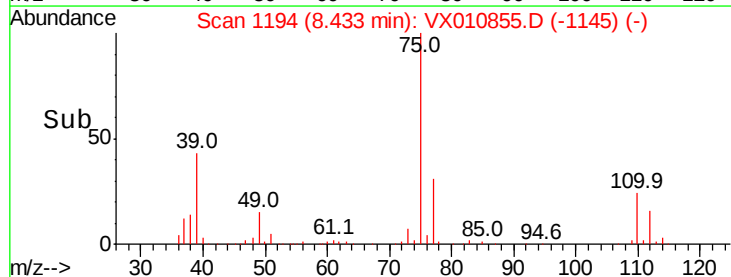
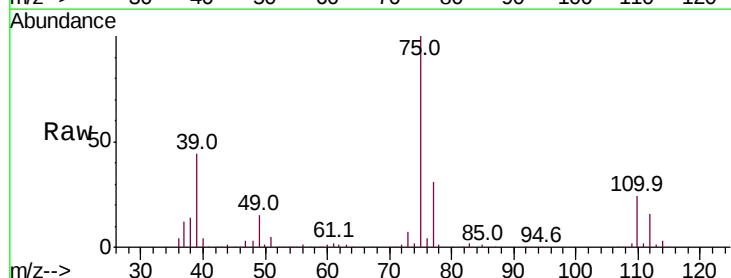
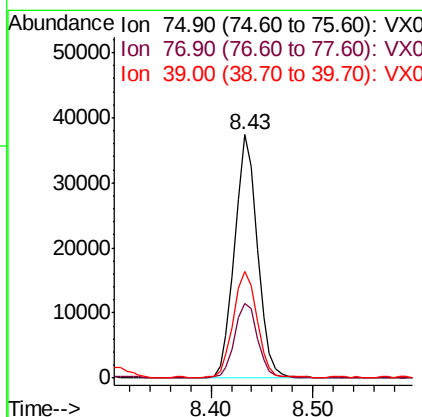
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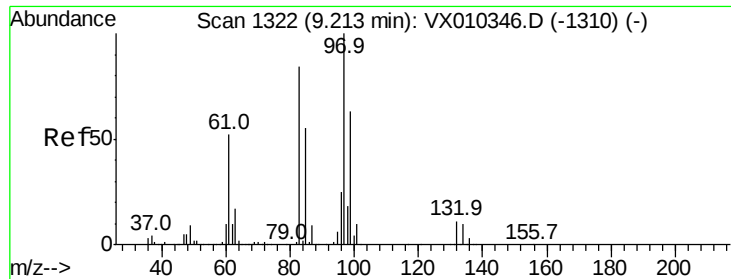
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.763 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.2	37.8
39	43.4	34.5	51.7





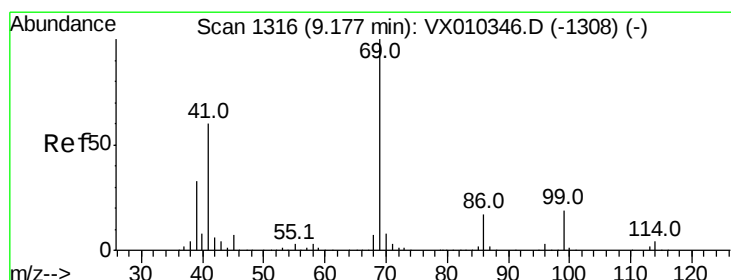
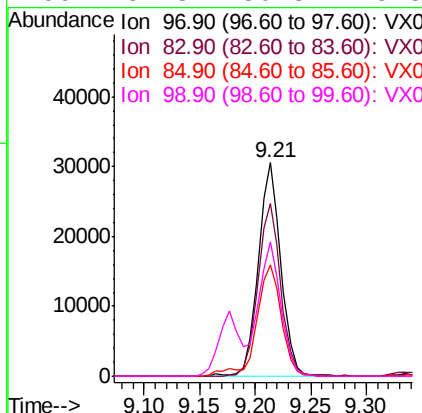
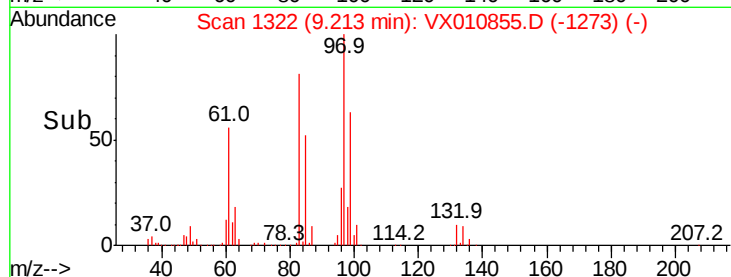
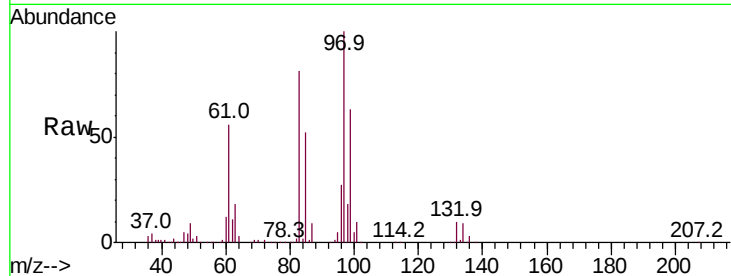
#55
1,1,2-Trichloroethane
Concen: 20.915 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.9	67.4	101.0
85	52.1	43.8	65.8
99	62.8	50.3	75.5

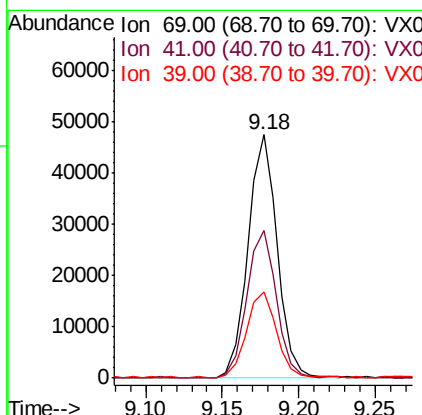
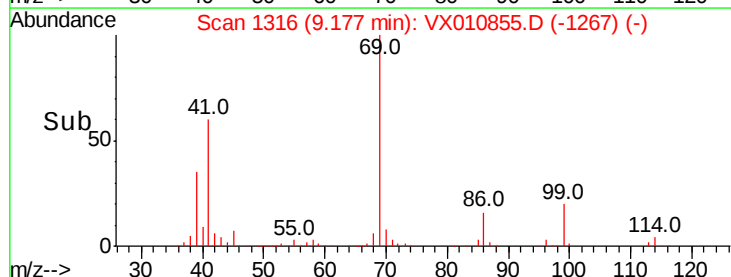
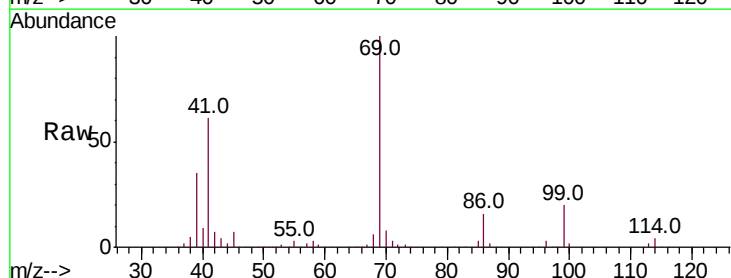
Manual Integrations
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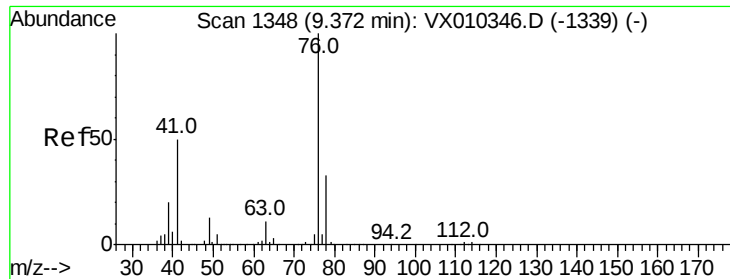
MMDadoda
7/15/2019 10:59:30 AM



#56
Ethyl methacrylate
Concen: 20.112 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.1	70.7
39	36.0	26.6	40.0





#57

1,3-Dichloropropane

Concen: 21.029 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion: 76 Resp: 67455

Ion Ratio Lower Upper

76 100

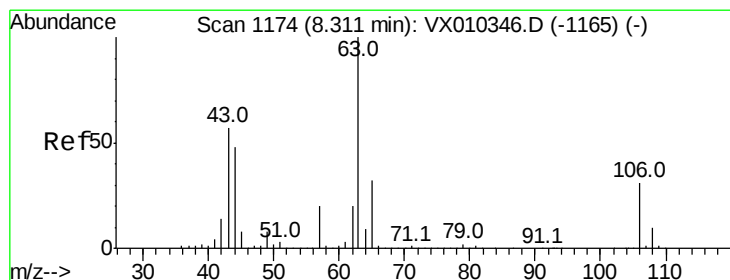
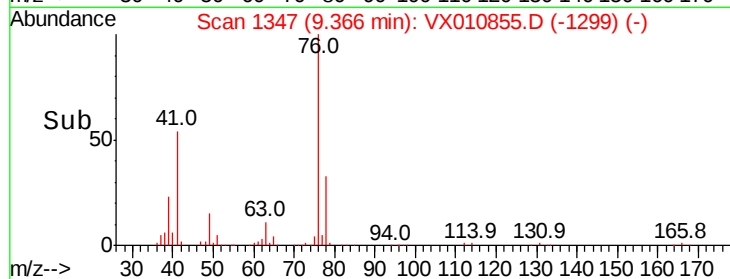
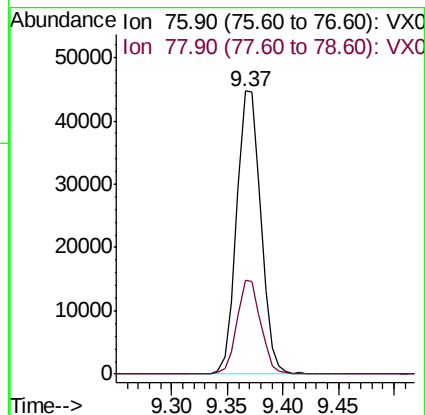
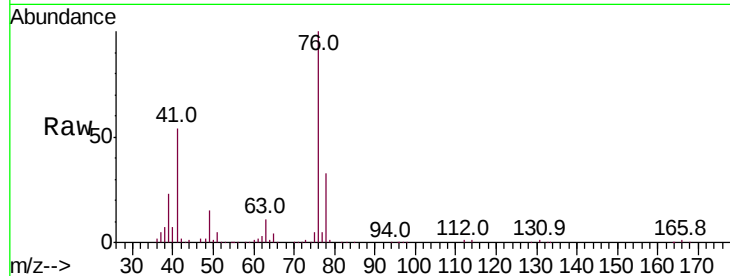
78 32.5 26.1 39.1

Manual Integrations

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7/15/2019 10:59:30 AM



#58

2-Chloroethyl Vinyl ether

Concen: 87.894 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010855.D

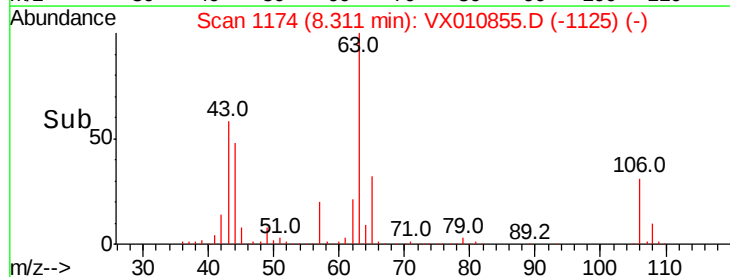
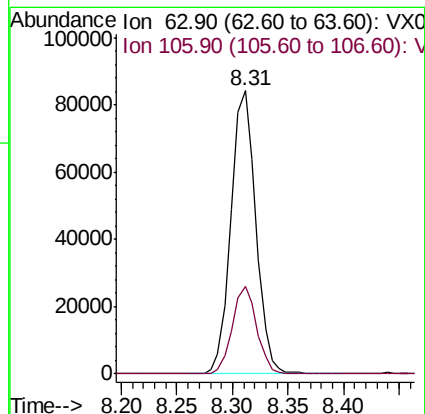
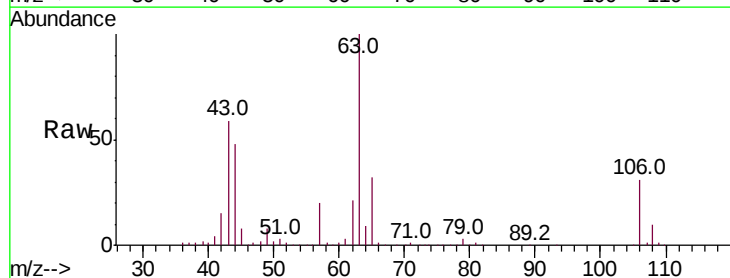
Acq: 12 Jul 2019 23:02

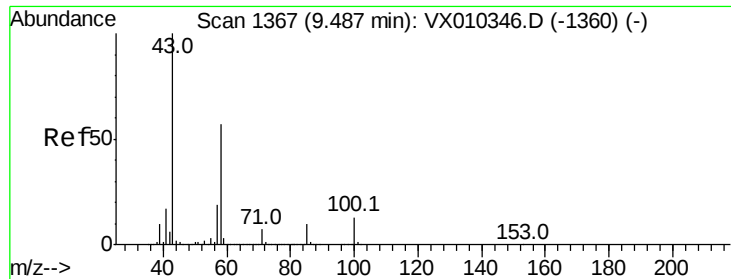
Tgt Ion: 63 Resp: 130672

Ion Ratio Lower Upper

63 100

106 30.6 24.7 37.1





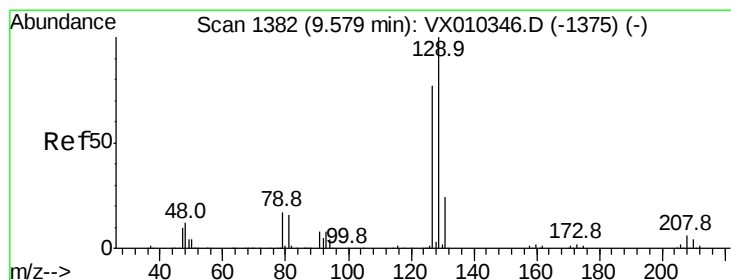
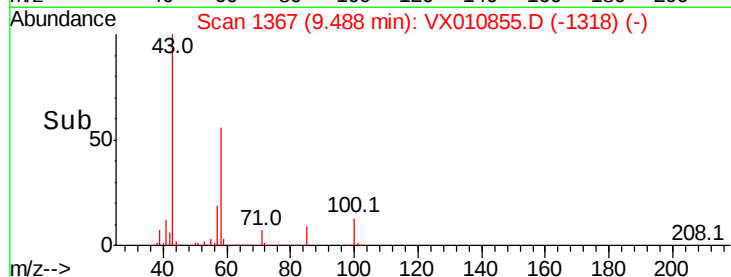
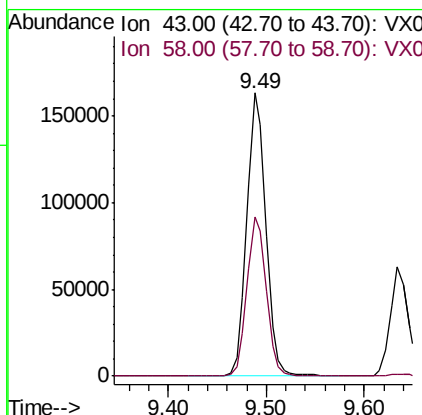
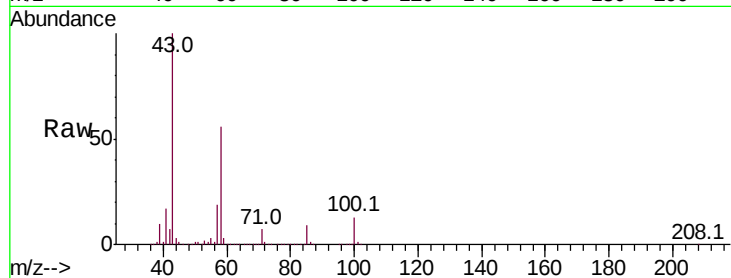
#59
2-Hexanone
Concen: 105.490 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion: 43 Resp: 220720
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.1

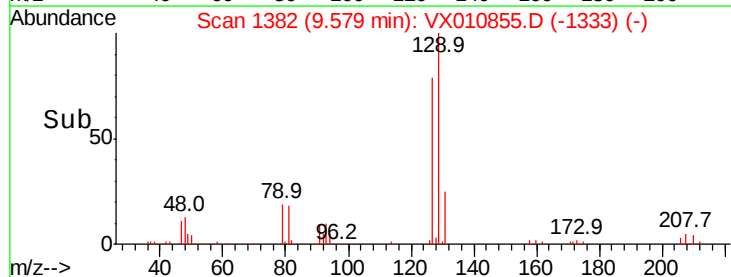
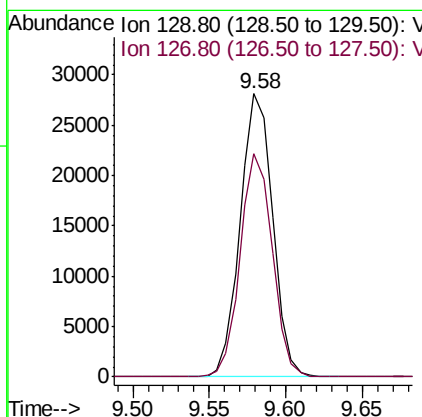
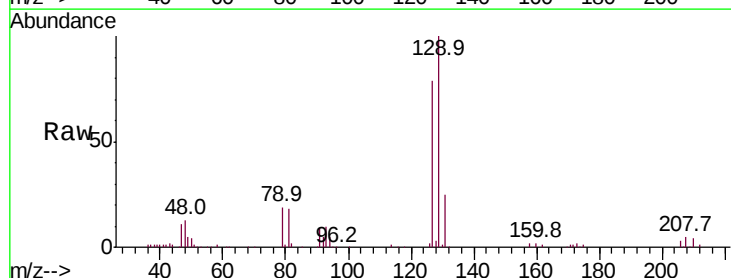
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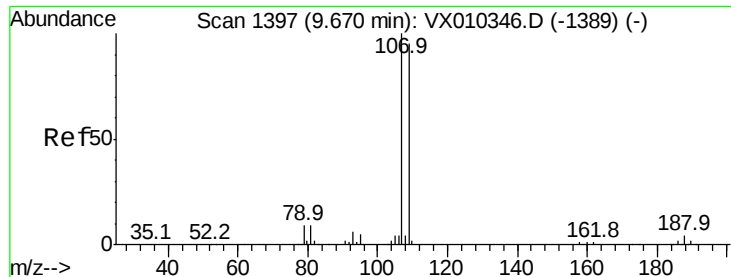
MMDadoda
7/15/2019 10:59:30 AM



#60
Dibromochloromethane
Concen: 17.927 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion:129 Resp: 41478
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.080 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion:107 Resp: 44789

Ion Ratio Lower Upper

107 100

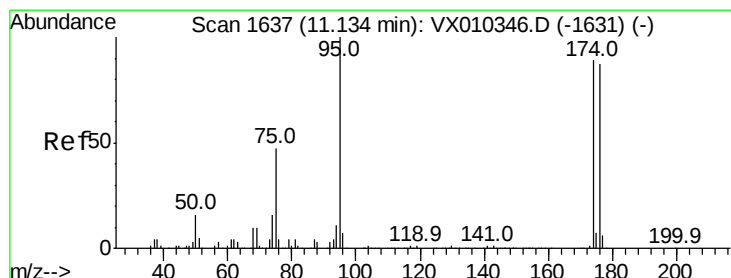
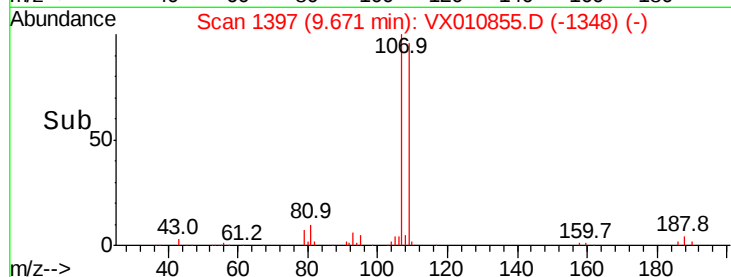
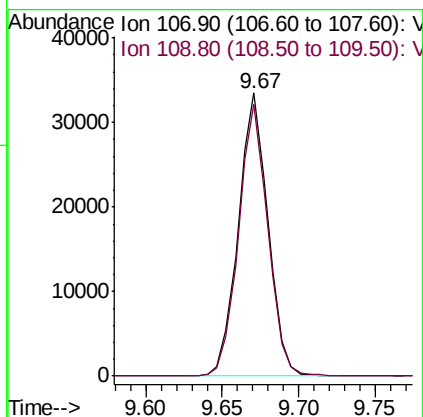
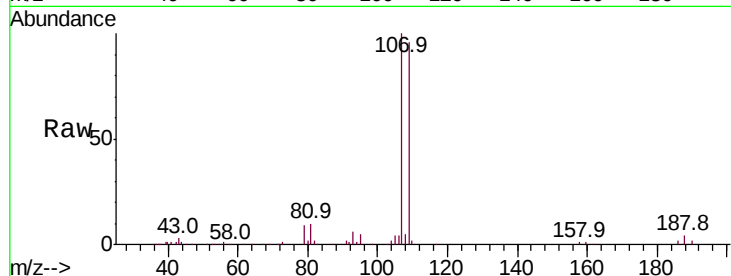
109 95.0 75.8 113.6

Manual Integrations

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7/15/2019 10:59:30 AM



#62

4-Bromofluorobenzene

Concen: 49.154 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

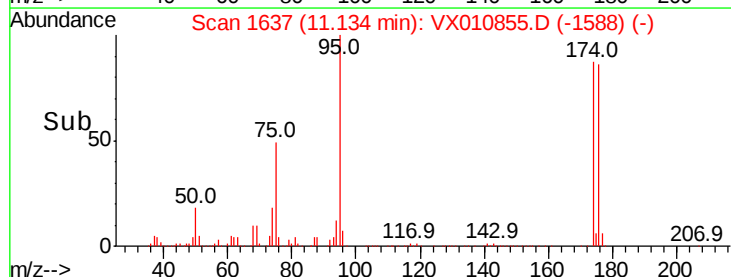
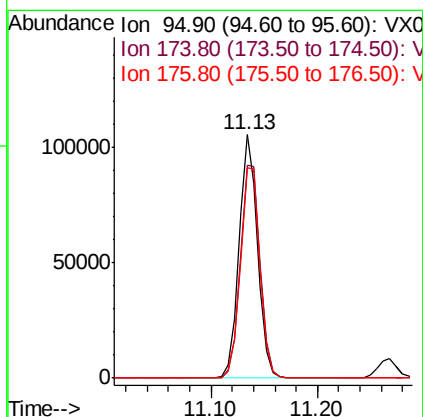
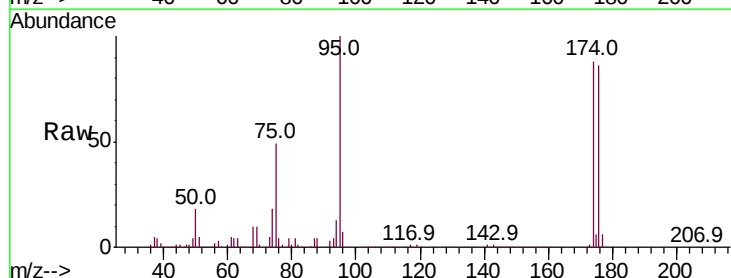
Tgt Ion: 95 Resp: 127660

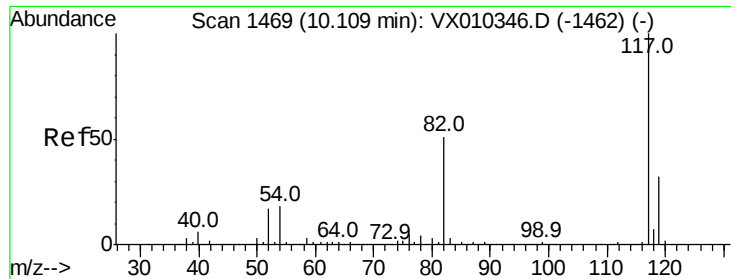
Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.6

176 91.6 0.0 184.0





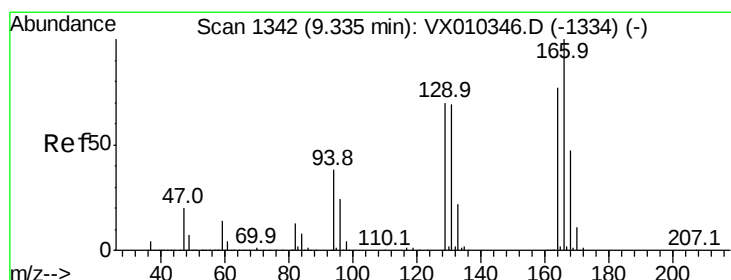
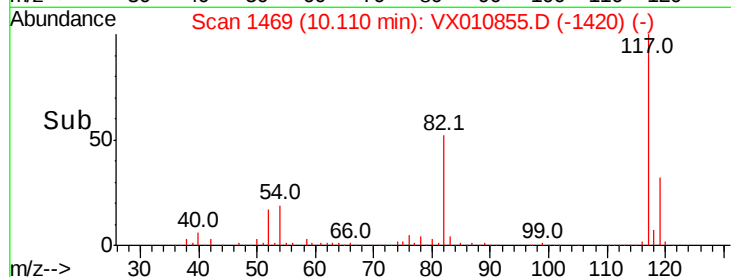
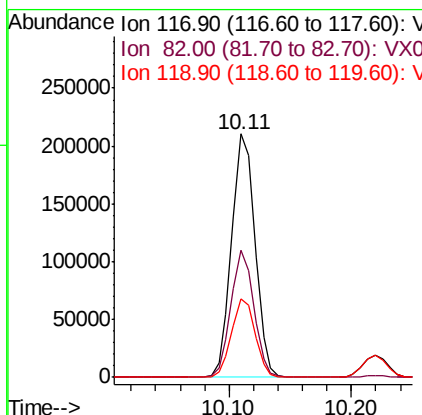
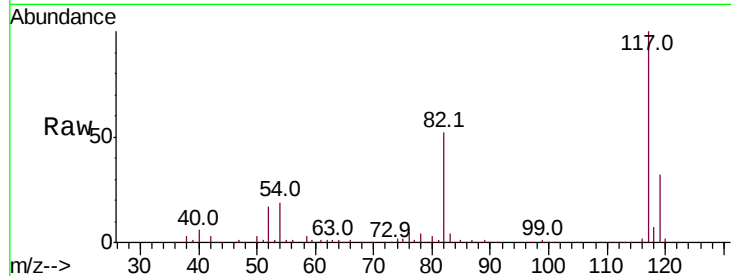
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.2	61.8
119	32.3	25.5	38.3

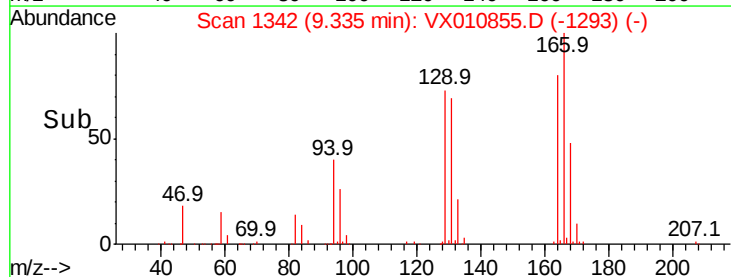
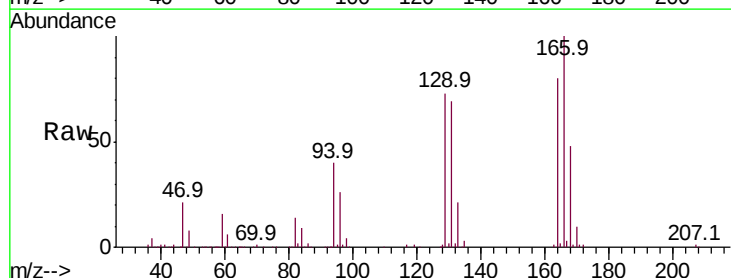
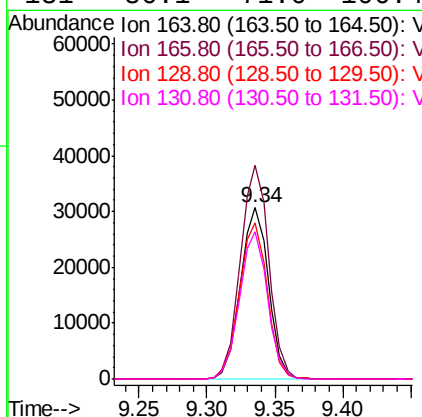
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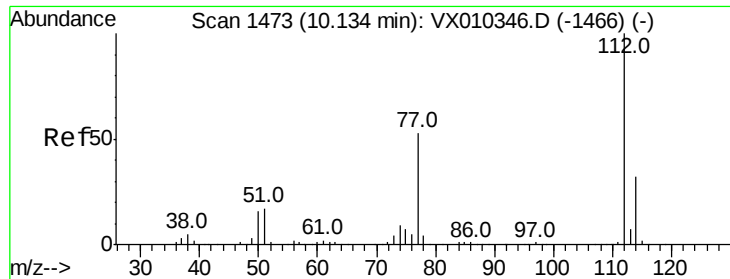
MMDadoda
7/15/2019 10:59:30 AM



#64
Tetrachloroethene
Concen: 19.670 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	103.6	155.4
129	91.2	73.0	109.4
131	86.1	71.0	106.4





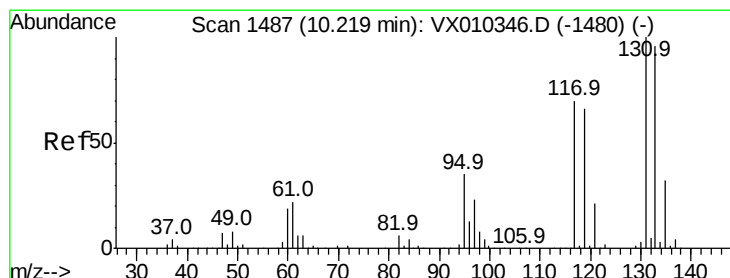
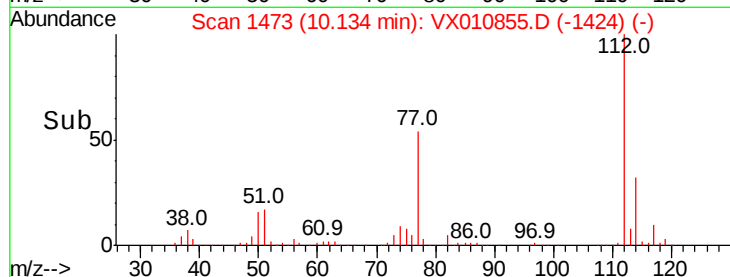
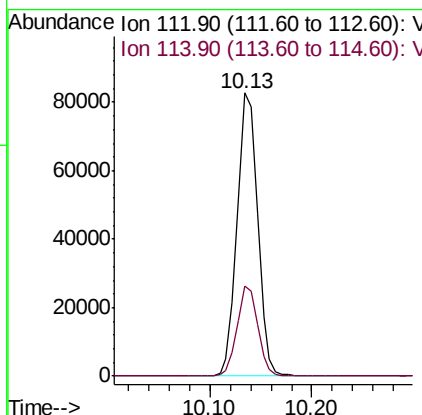
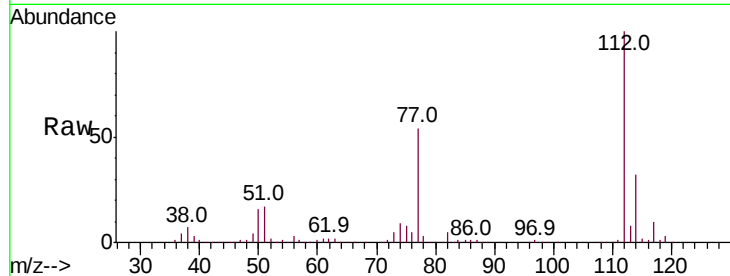
#65
Chlorobenzene
Concen: 20.247 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion:112 Resp: 114545
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

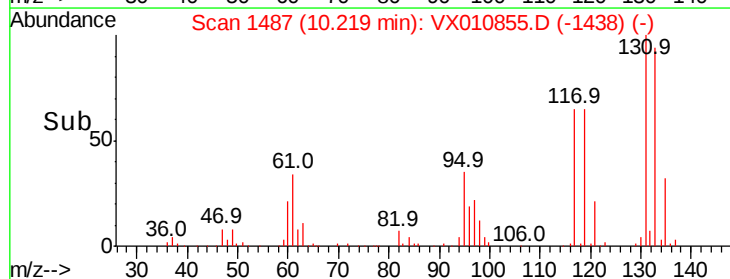
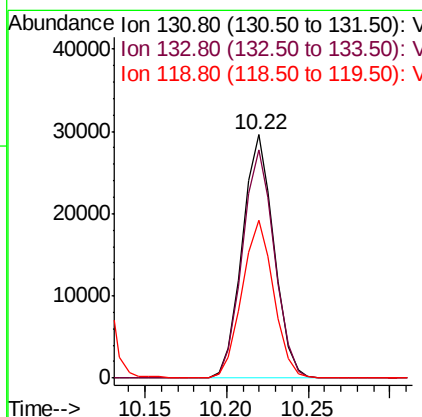
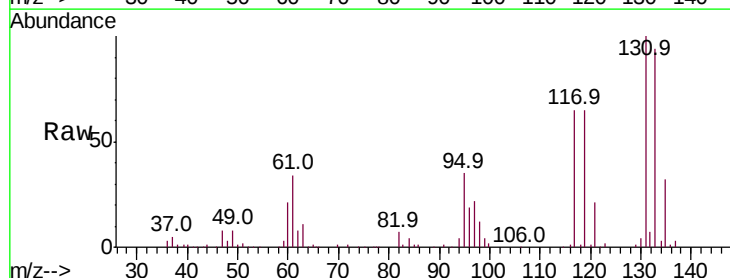
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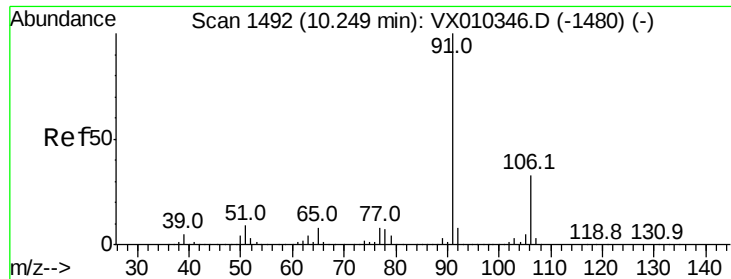
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.419 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion:131 Resp: 40017
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 65.2 32.6 97.7





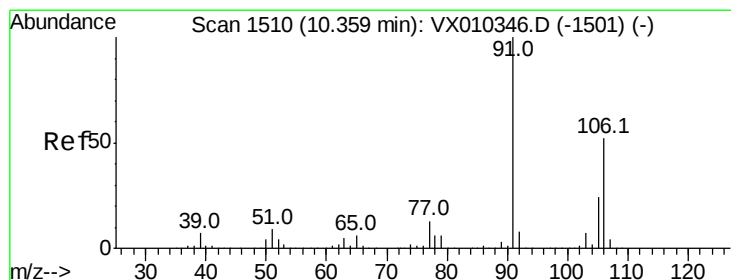
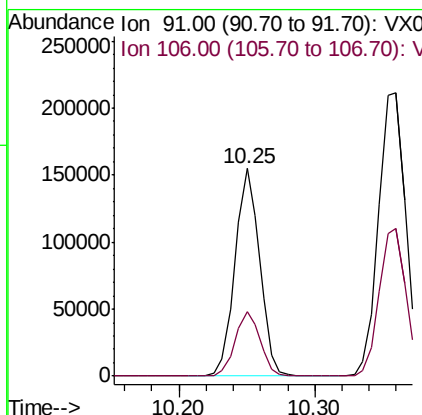
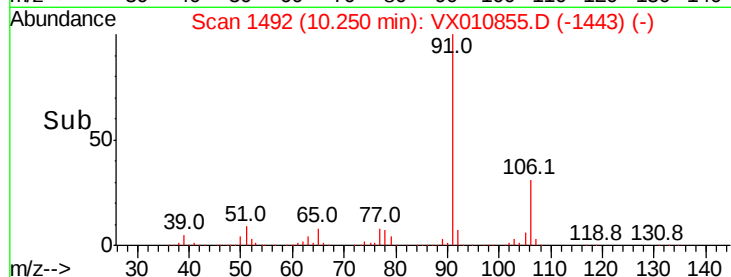
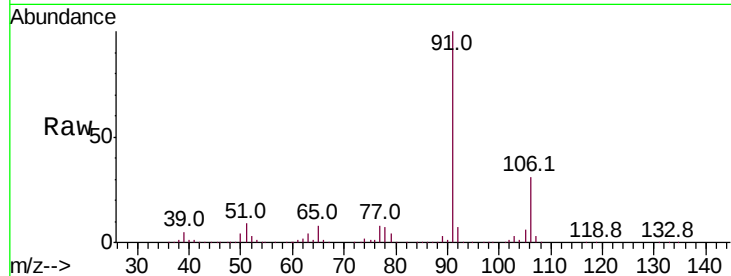
#67
Ethyl Benzene
Concen: 20.489 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion: 91 Resp: 195695
Ion Ratio Lower Upper
91 100
106 31.2 26.2 39.2

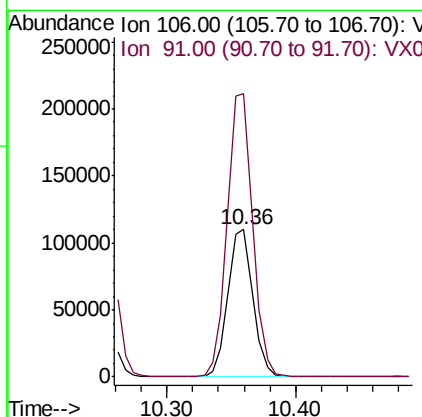
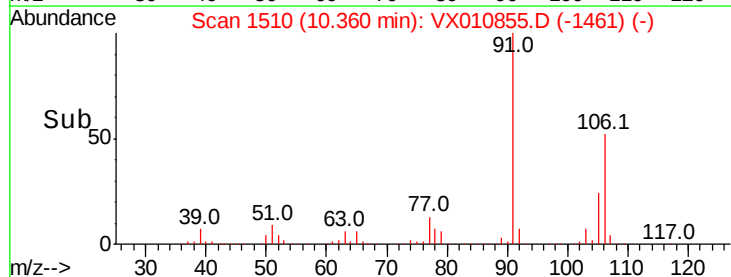
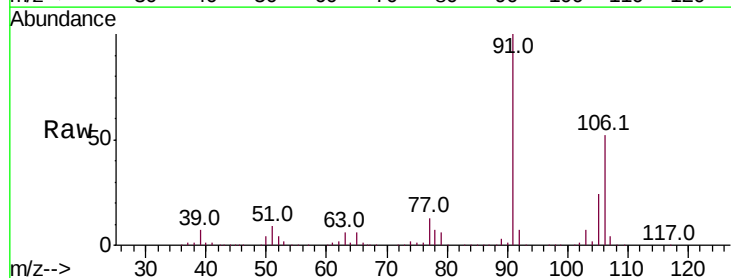
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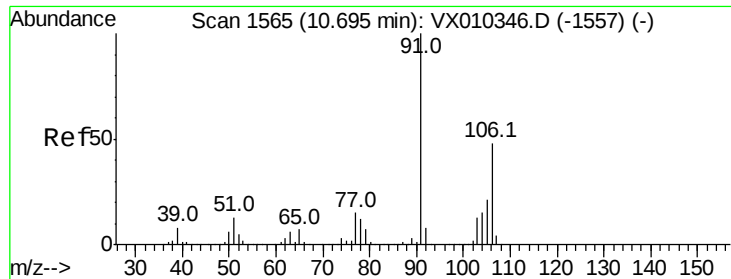
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7/15/2019 10:59:30 AM



#68
m/p-Xylenes
Concen: 40.698 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion: 106 Resp: 150617
Ion Ratio Lower Upper
106 100
91 195.9 155.3 232.9





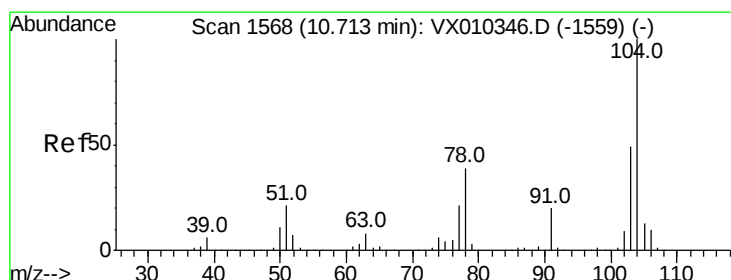
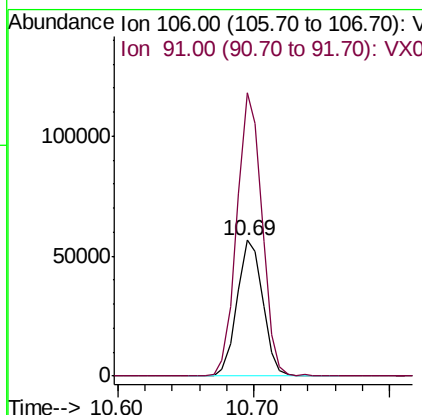
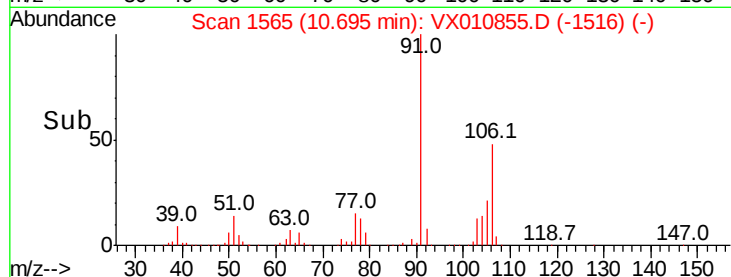
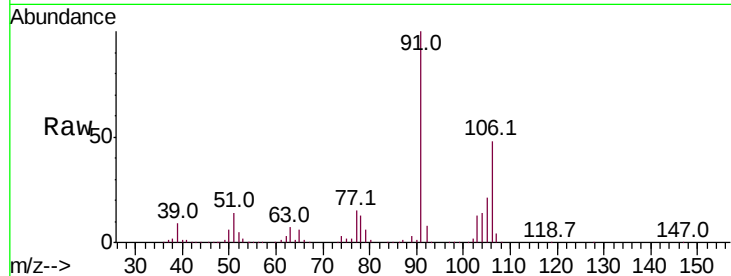
#69
o-Xylene
Concen: 20.442 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampled :
VX0712WBS03

Tot Ion:106 Resp: 74397
Ion Ratio Lower Upper
106 100
91 204.2 102.7 308.1

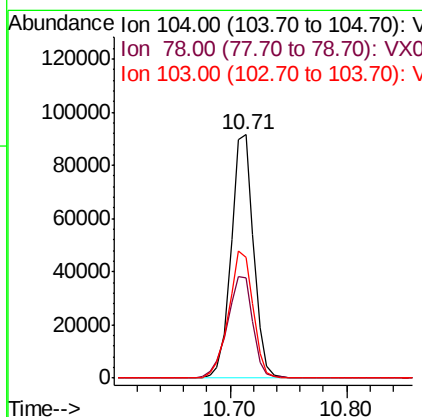
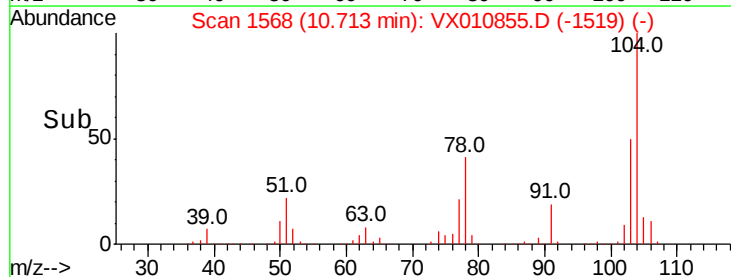
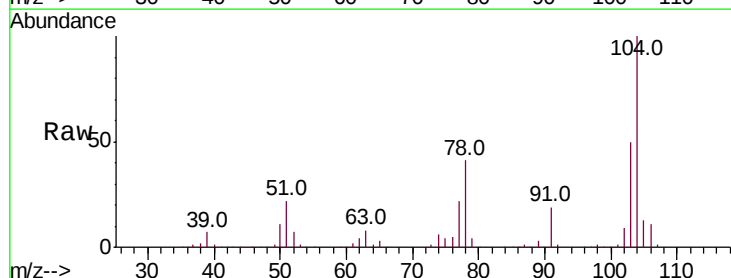
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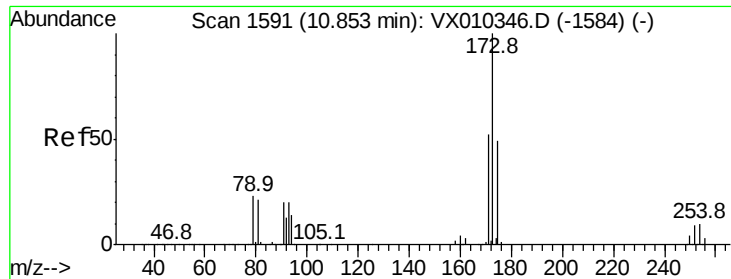
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#70
Styrene
Concen: 20.184 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion:104 Resp: 123189
Ion Ratio Lower Upper
104 100
78 47.4 36.2 54.2
103 56.5 44.2 66.4





#71

Bromoform

Concen: 16.782 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion:173 Resp: 30075

Ion Ratio Lower Upper

173 100

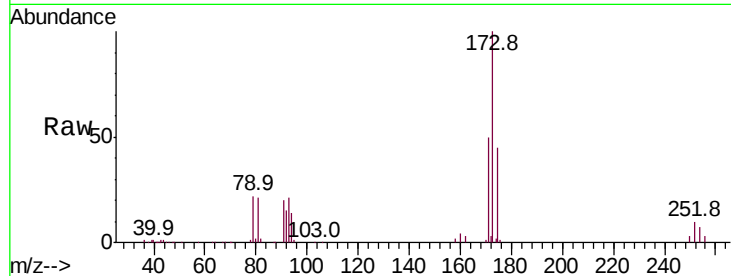
175 48.8 24.1 72.3

254 0.0 0.2 0.2#

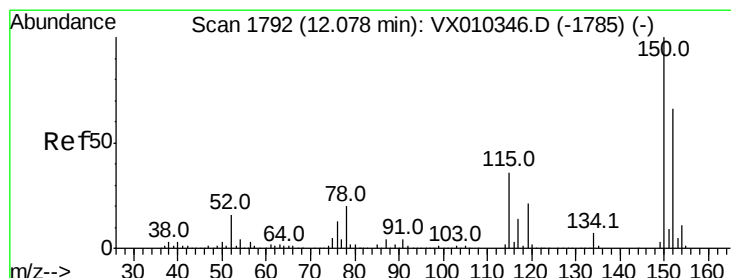
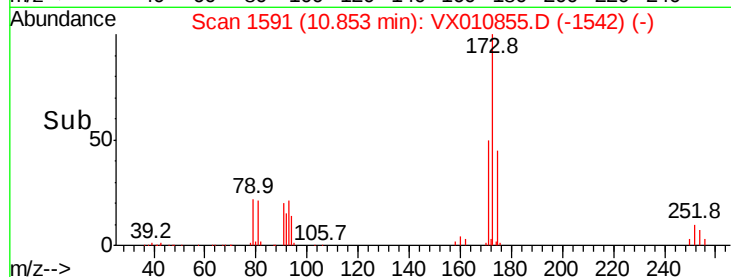
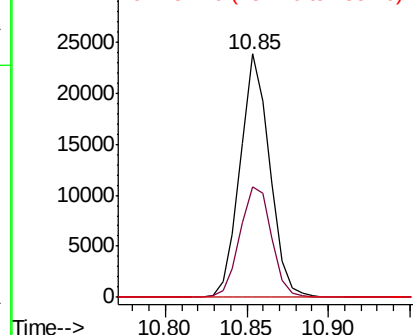
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

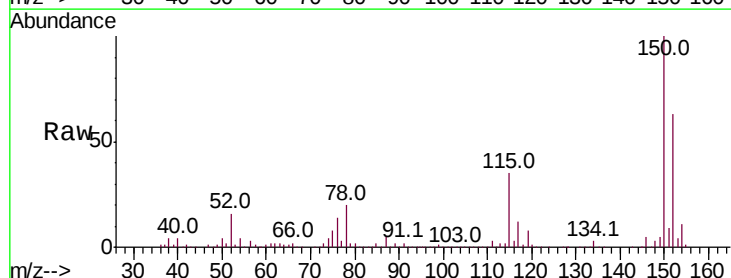
Tgt Ion:152 Resp: 143516

Ion Ratio Lower Upper

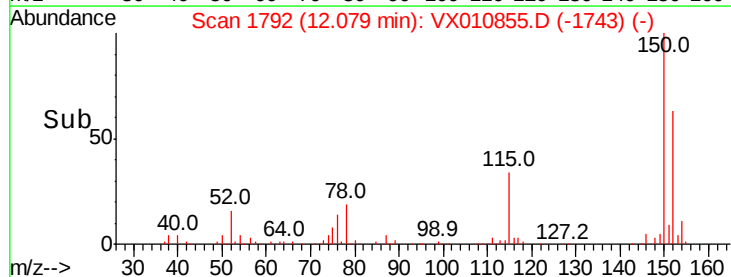
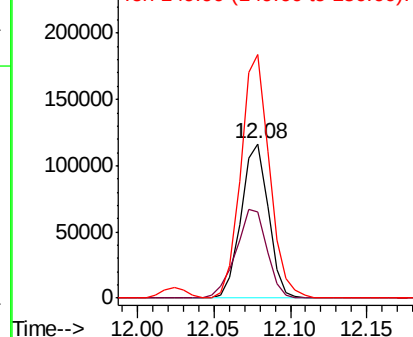
152 100

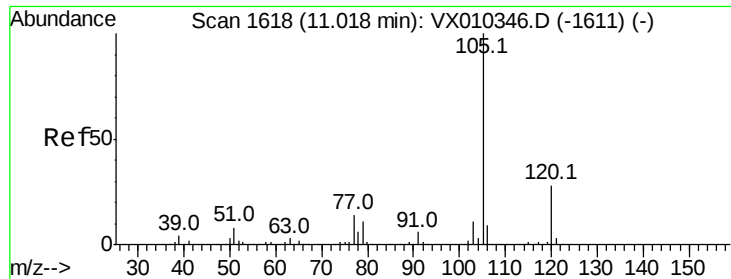
115 65.8 38.6 115.7

150 164.9 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.387 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion:105 Resp: 198336

Ion Ratio Lower Upper

105 100

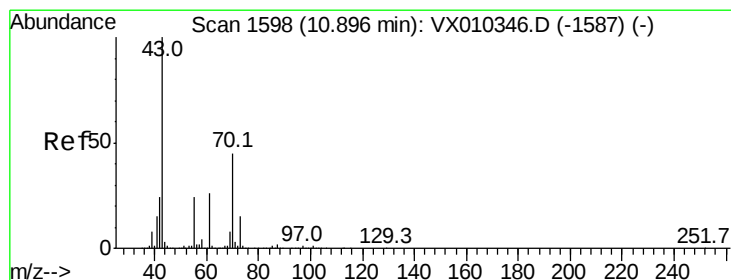
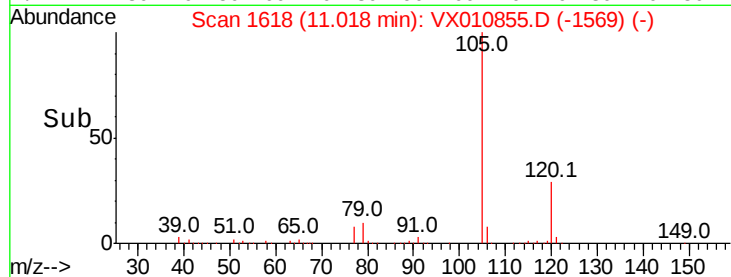
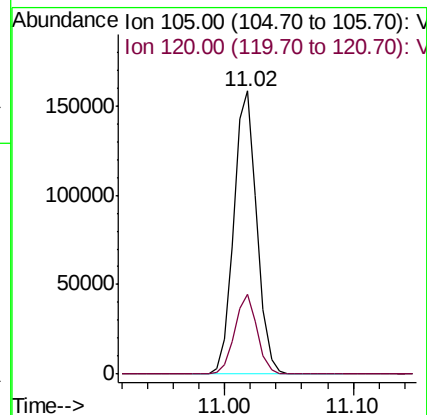
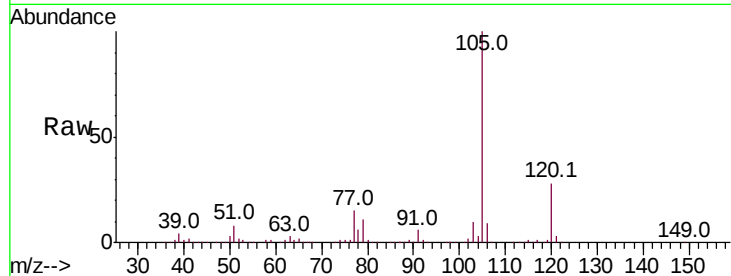
120 27.4 14.1 42.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.802 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Tgt Ion: 43 Resp: 76482

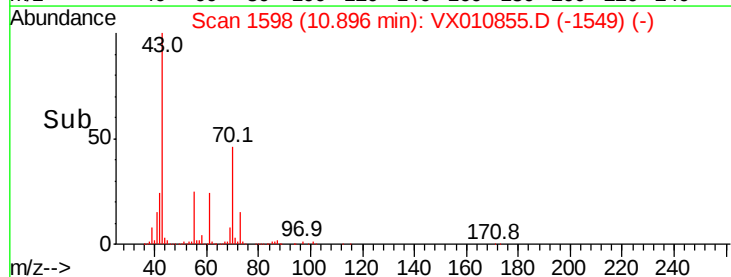
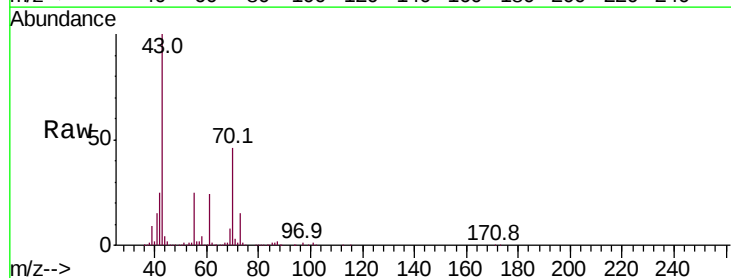
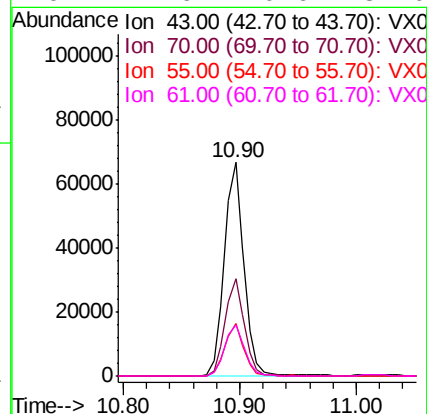
Ion Ratio Lower Upper

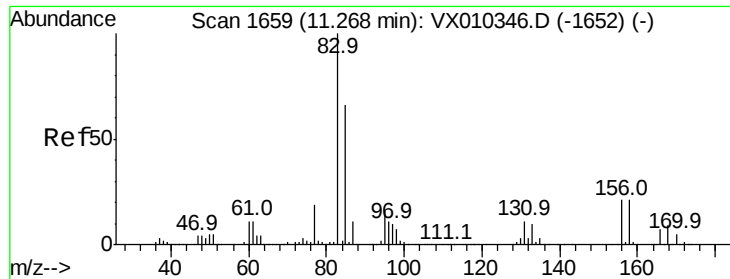
43 100

70 45.8 36.6 54.8

55 24.4 18.7 28.1

61 24.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.660 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

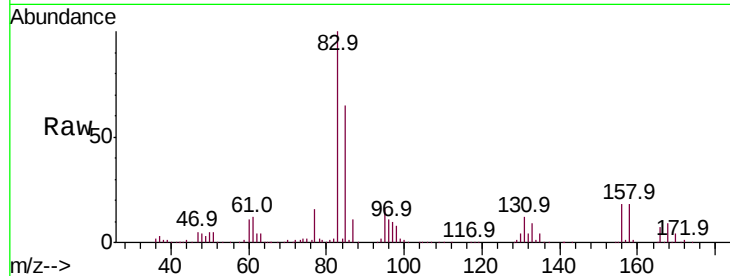
ClientSampleId :

VX0712WBS03

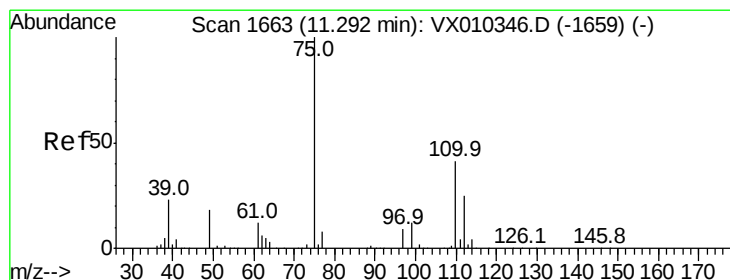
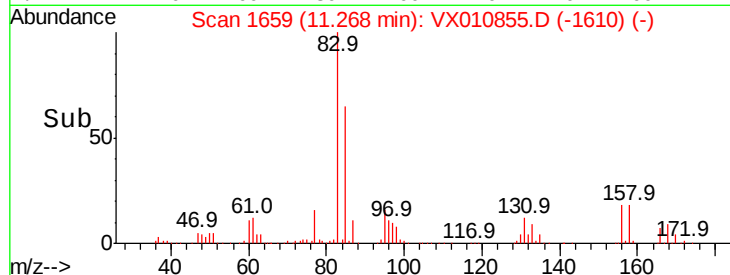
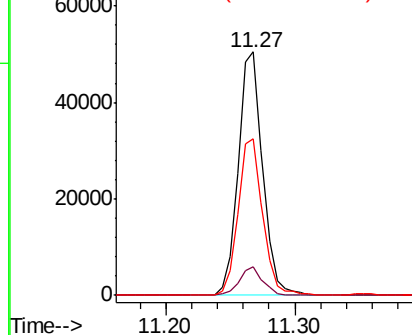
Tot Ion:	83	Resp:	66565
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	65.0	32.3	96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.511 ug/l m

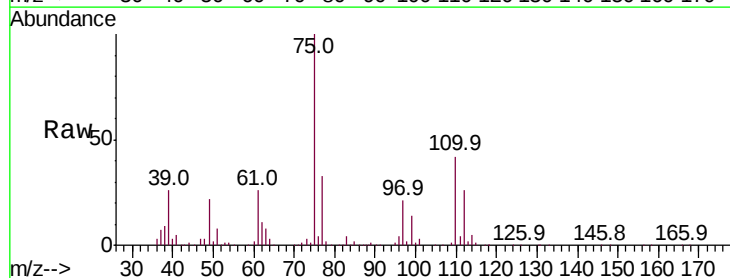
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

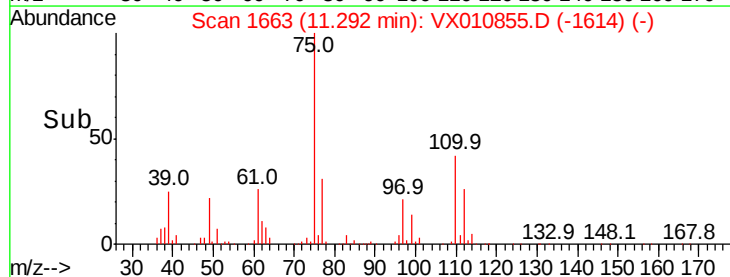
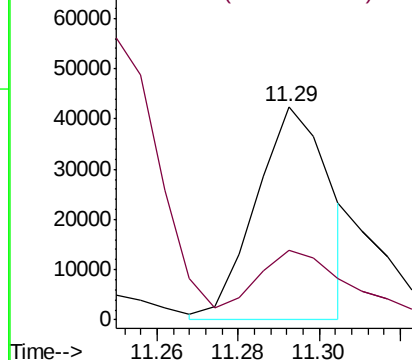
Lab File: VX010855.D

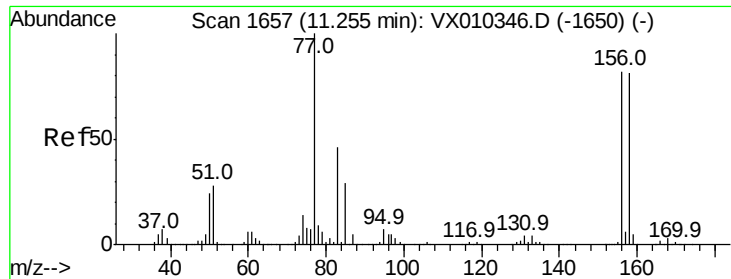
Acq: 12 Jul 2019 23:02

Tgt Ion:	75	Resp:	53642
Ion Ratio	Lower	Upper	
75	100		
77	41.6	22.6	67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.675 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion:156 Resp: 53446

Ion Ratio Lower Upper

156 100

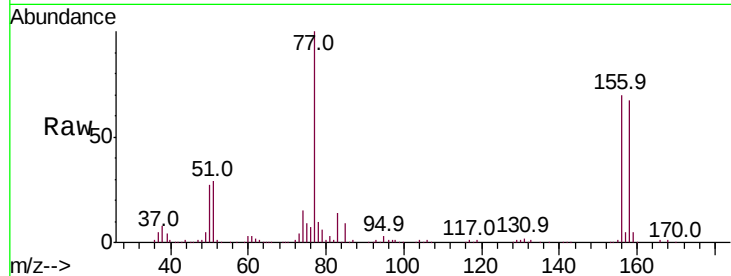
77 136.0 66.3 198.7

158 97.6 48.9 146.7

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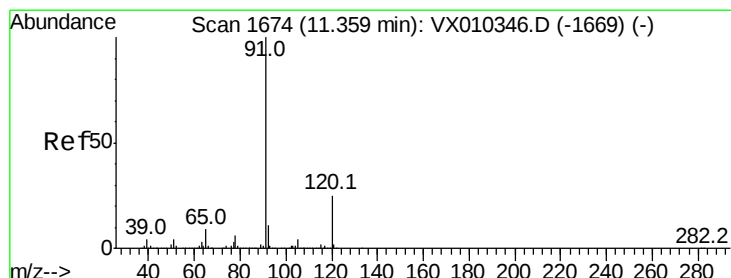
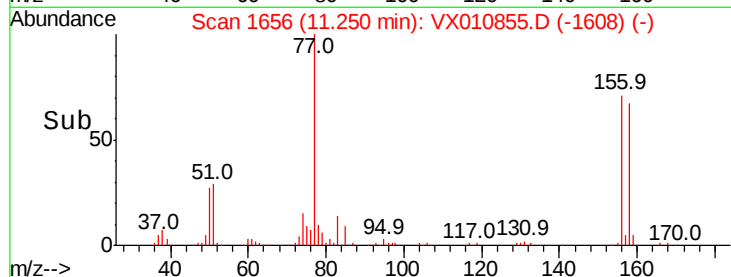
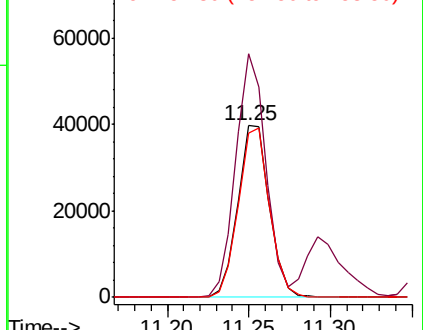
7/15/2019 10:59:30 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.298 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010855.D

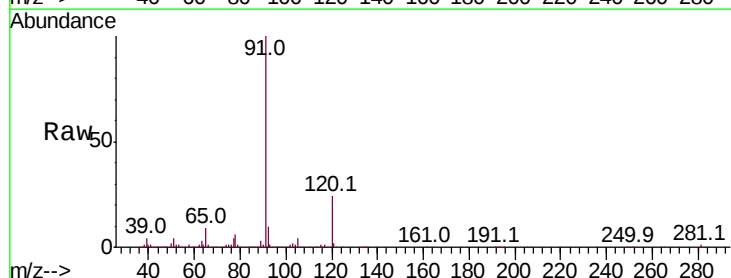
Acq: 12 Jul 2019 23:02

Tgt Ion: 91 Resp: 217033

Ion Ratio Lower Upper

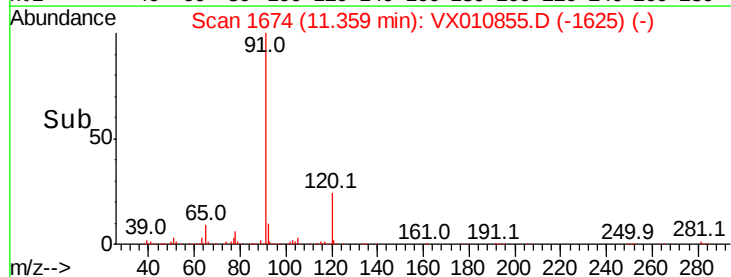
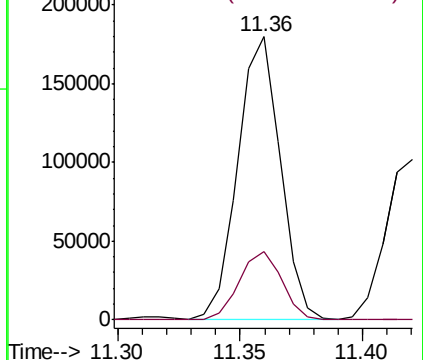
91 100

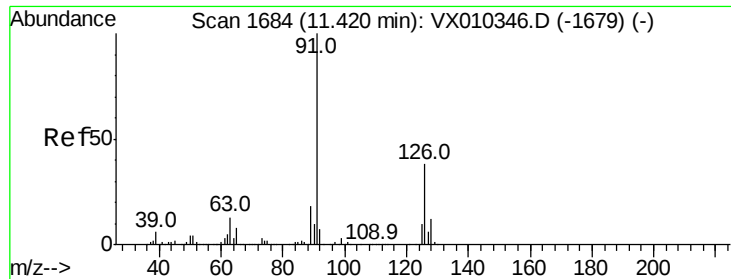
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.490 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion: 91 Resp: 130459

Ion Ratio Lower Upper

91 100

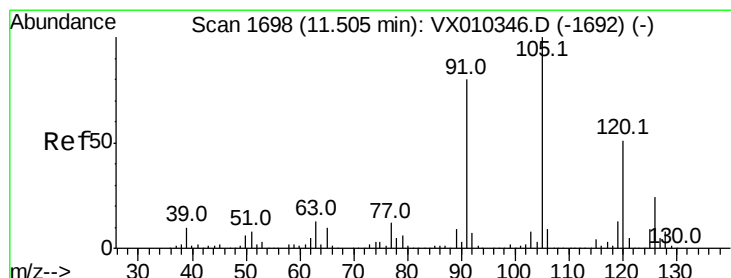
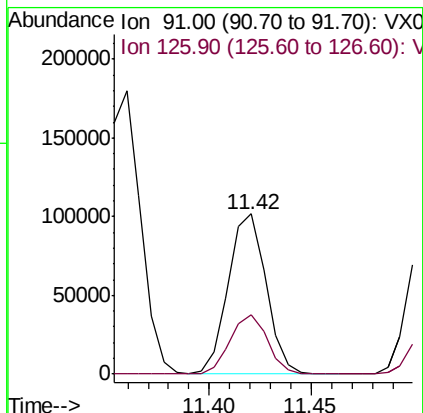
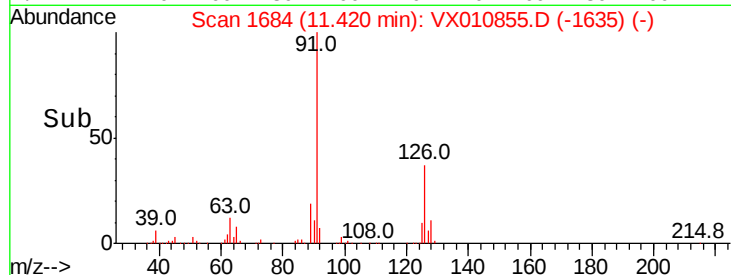
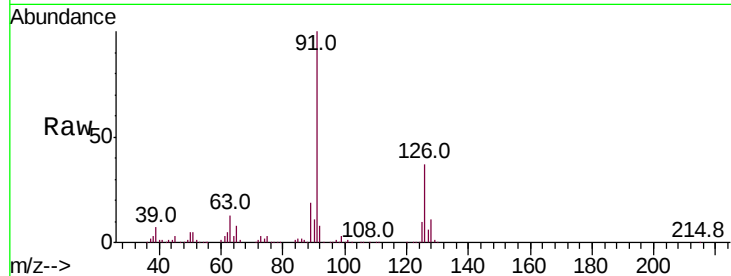
126 36.8 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 20.517 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010855.D

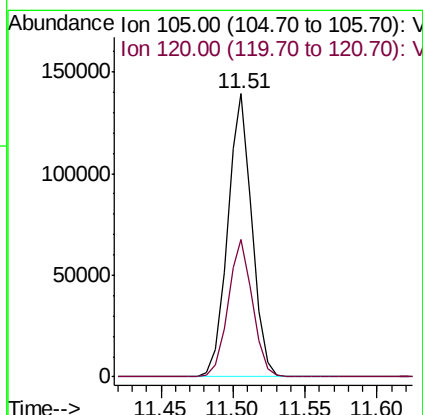
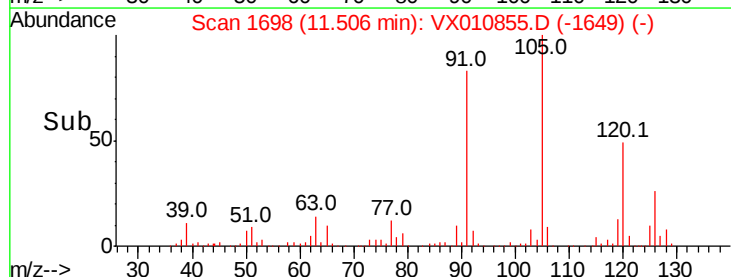
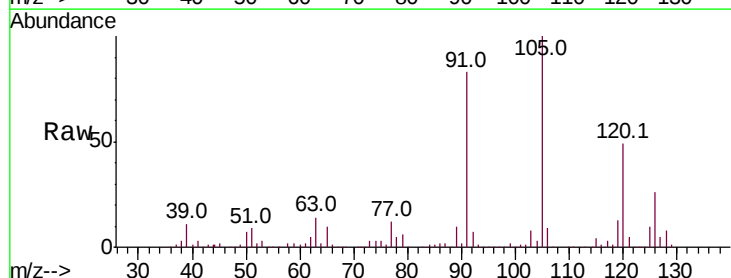
Acq: 12 Jul 2019 23:02

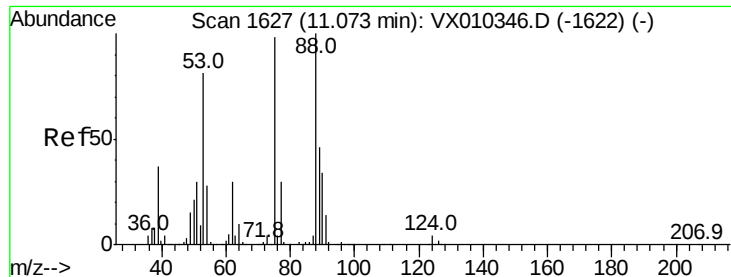
Tgt Ion: 105 Resp: 164549

Ion Ratio Lower Upper

105 100

120 48.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 13.861 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

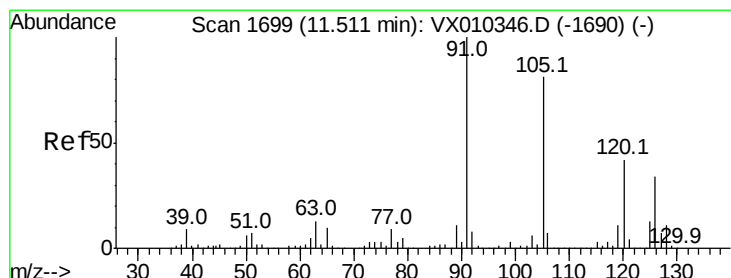
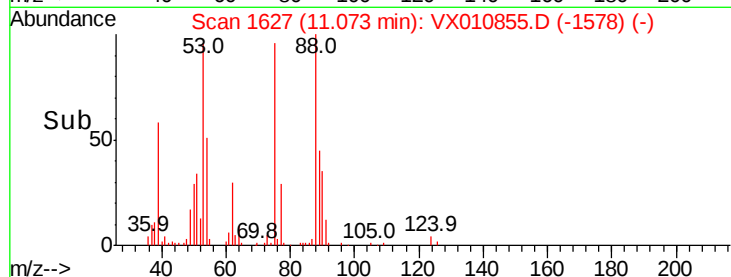
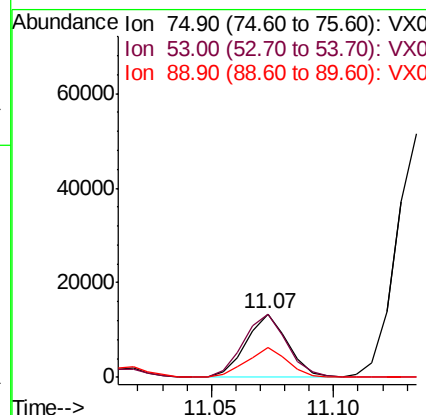
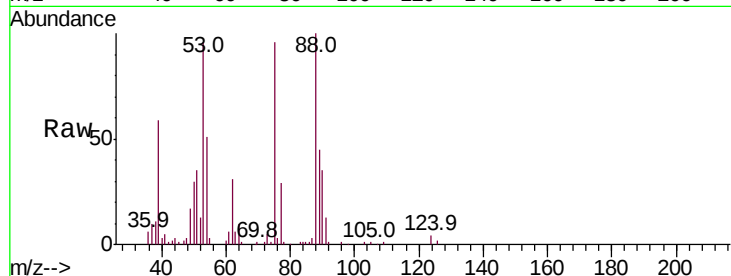
ClientSampleId :

VX0712WBS03

Tot Ion:	75	Resp:	15538
Ion Ratio	Lower	Upper	
75	100		
53	105.4	66.1	99.1#
89	46.9	37.8	56.6

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#82

4-Chlorotoluene

Concen: 20.490 ug/l

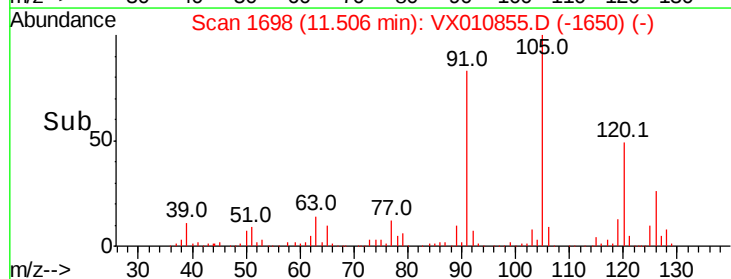
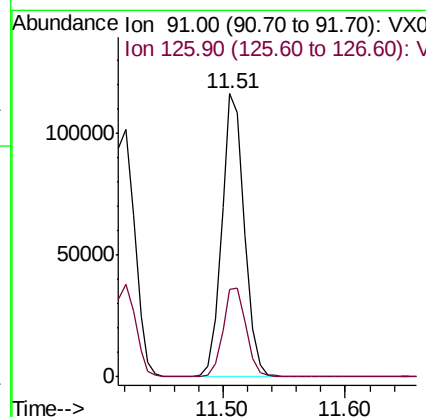
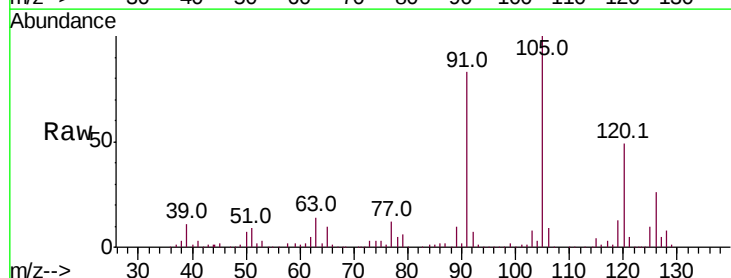
RT: 11.51 min Scan# 1698

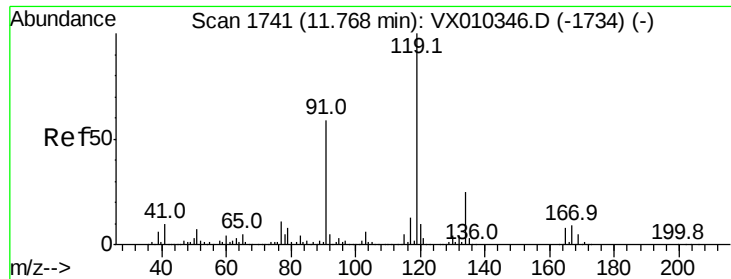
Delta R.T. -0.01 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Tgt Ion:	91	Resp:	148448
Ion Ratio	Lower	Upper	
91	100		
126	32.4	16.2	48.6





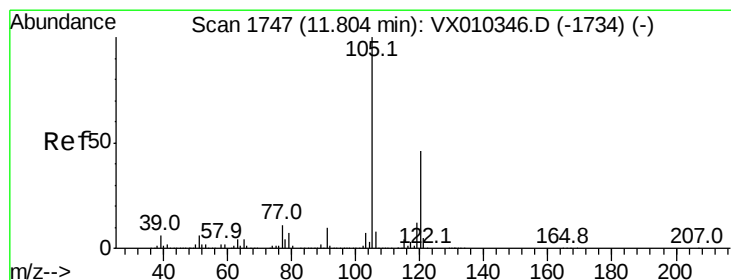
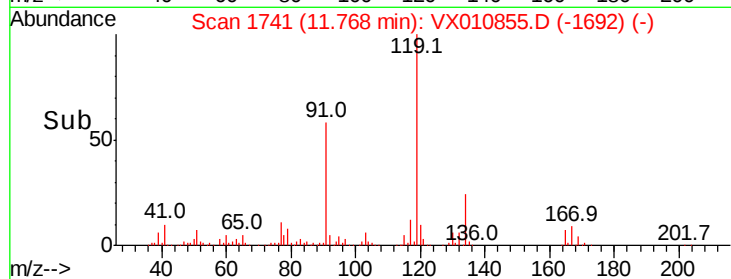
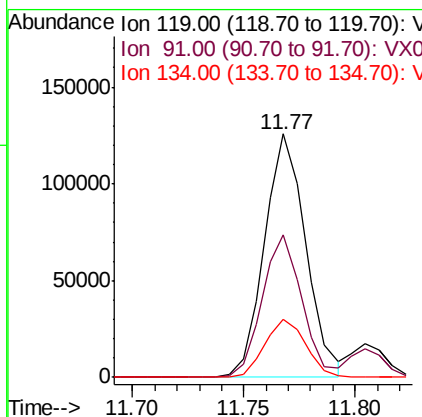
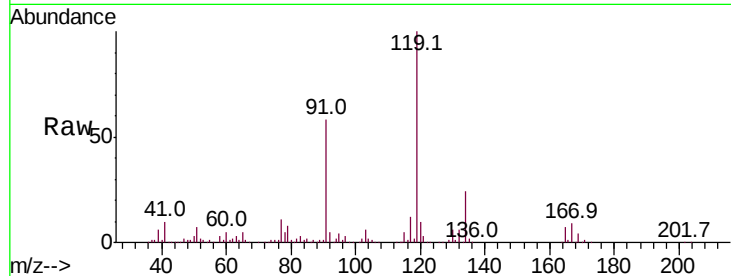
#83
tert-Butylbenzene
Concen: 20.130 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	162042		
91	56.5	27.6	82.7	
134	23.9	11.8	35.4	

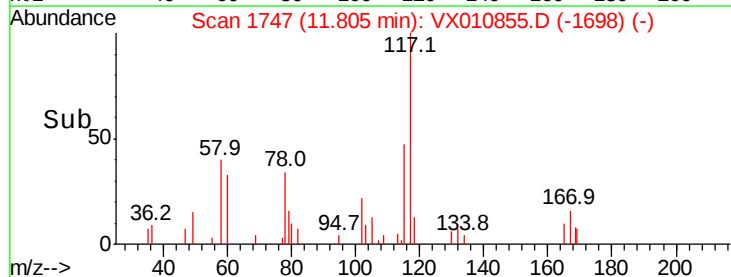
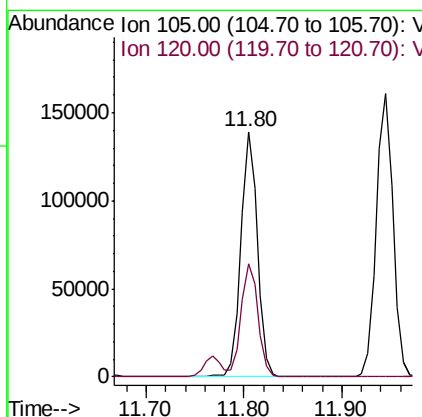
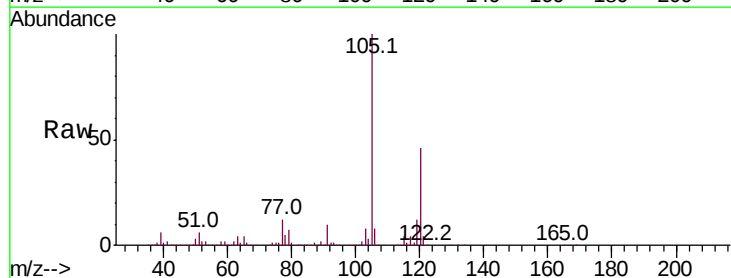
Manual Integrations
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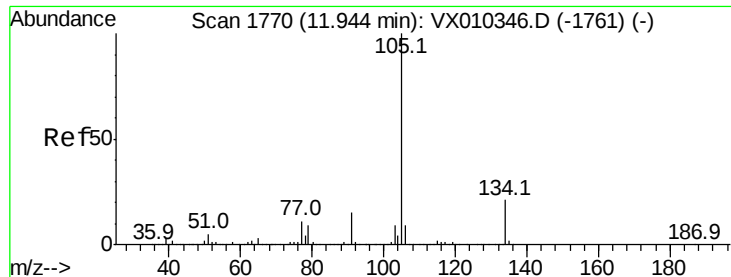
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#84
1,2,4-Trimethylbenzene
Concen: 20.342 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	163912		
120	46.2	23.1	69.2	





#85

sec-Butylbenzene

Concen: 20.202 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS03

Tot Ion:105 Resp: 190938

Ion Ratio Lower Upper

105 100

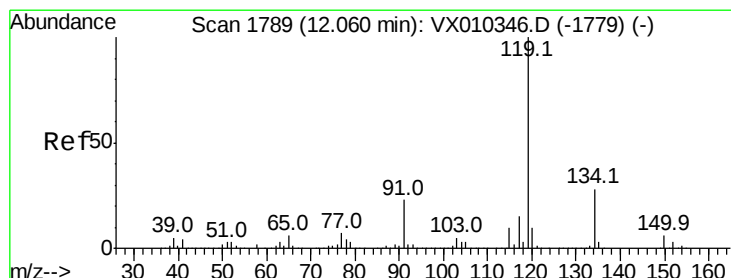
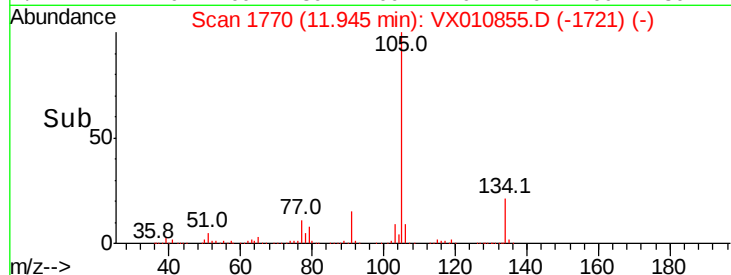
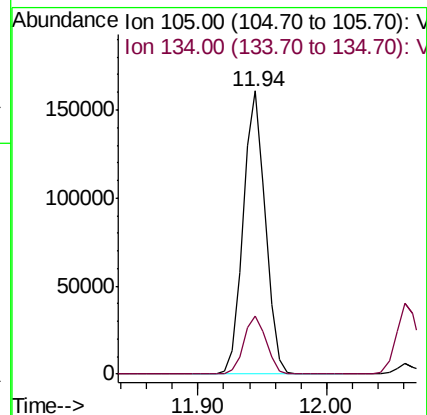
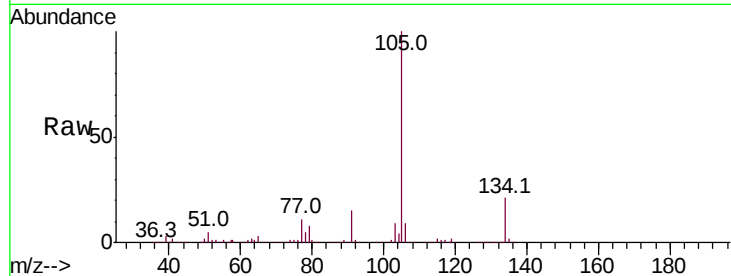
134 20.8 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 19.959 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010855.D

Acq: 12 Jul 2019 23:02

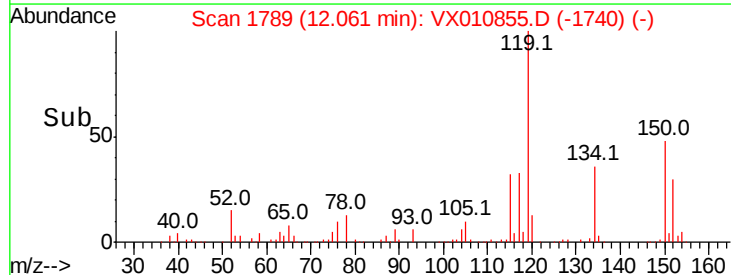
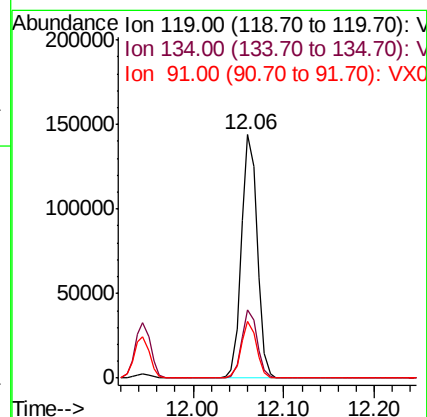
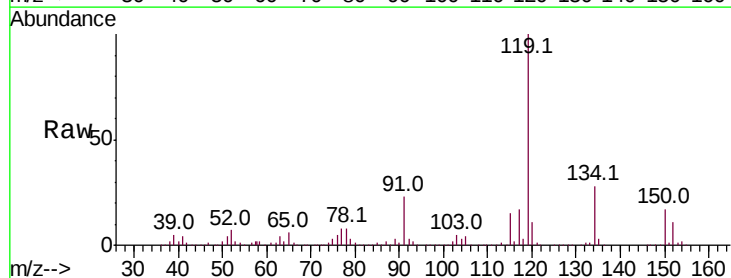
Tgt Ion:119 Resp: 174484

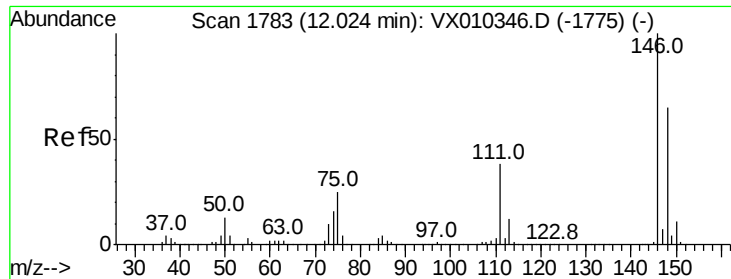
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.7 11.3 33.8





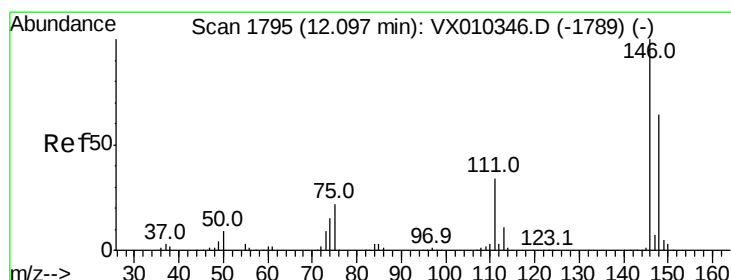
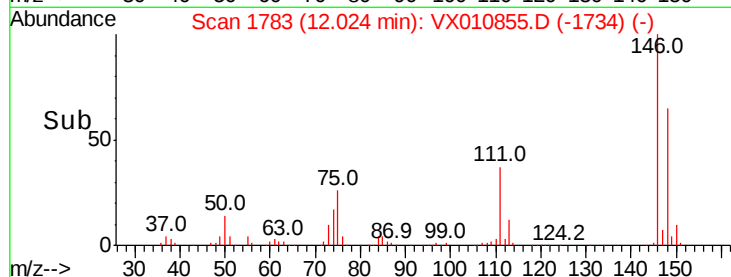
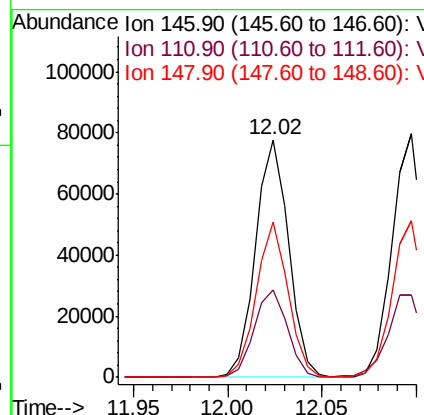
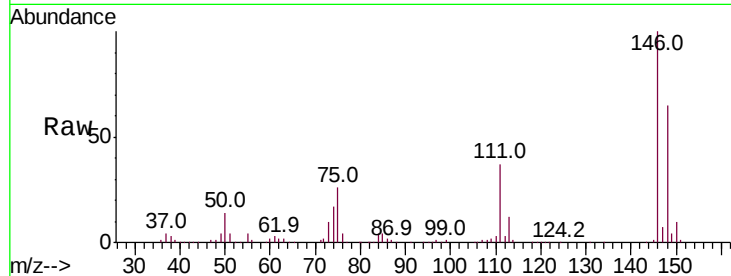
#87
 1,3-Dichlorobenzene
 Concen: 19.926 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.1
148	62.9	32.5	97.4

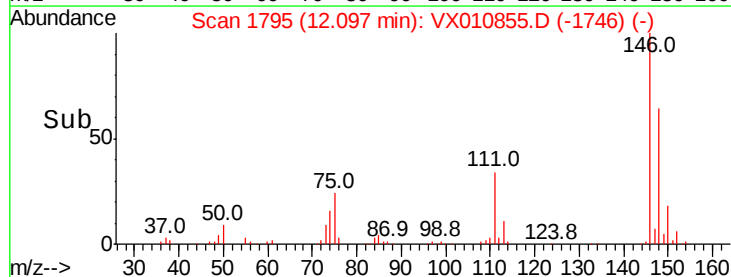
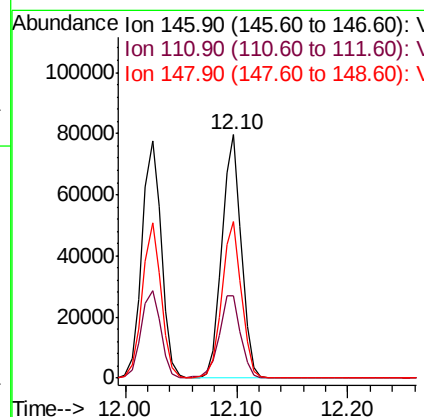
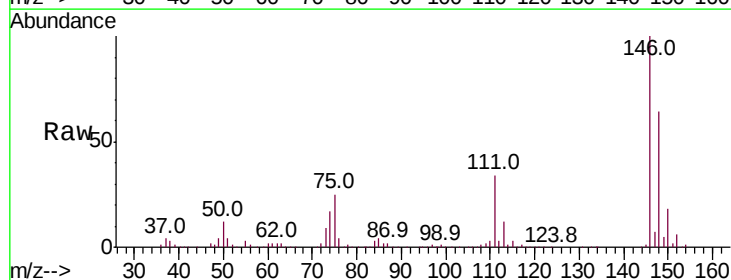
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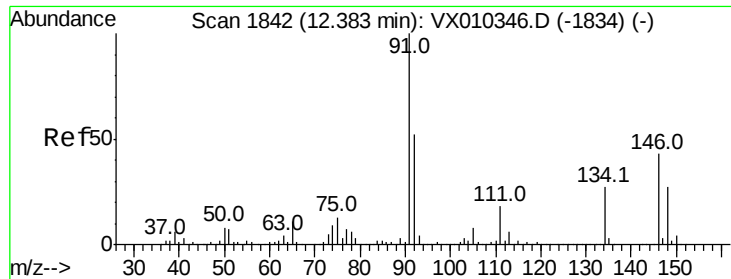
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#88
 1,4-Dichlorobenzene
 Concen: 19.832 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010855.D
 Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.3
148	64.8	32.1	96.3





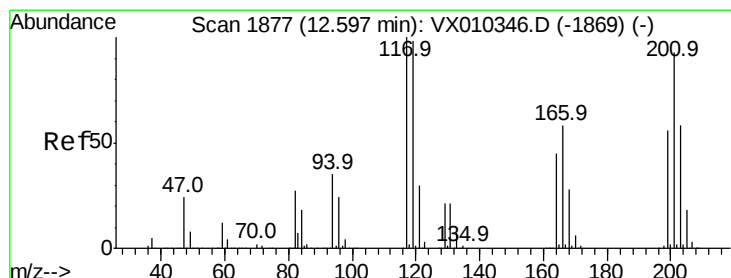
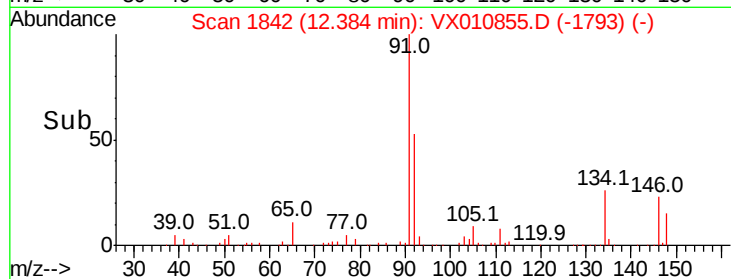
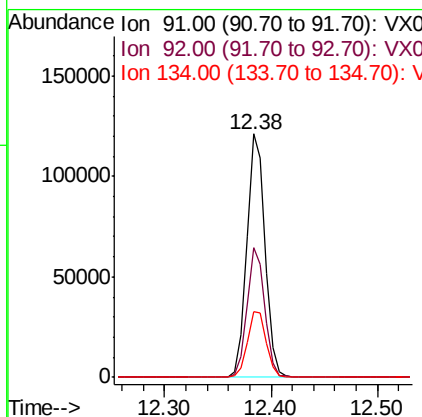
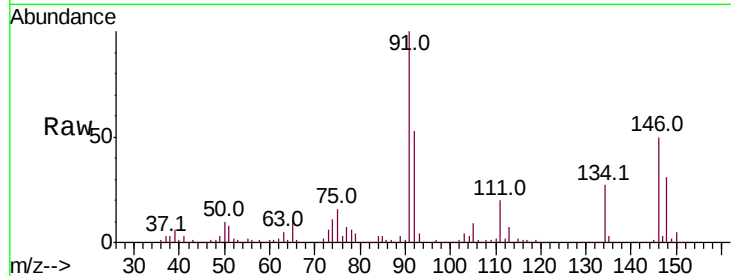
#89
n-Butylbenzene
Concen: 19.562 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.2	78.5
134	27.9	14.1	42.4

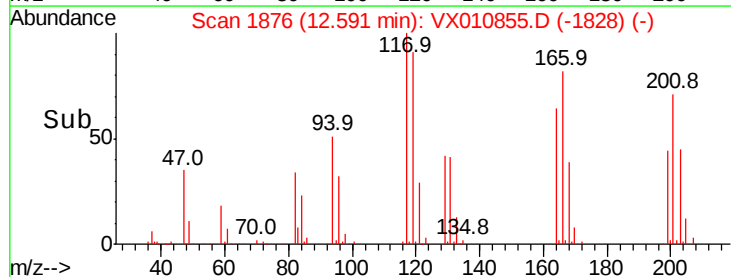
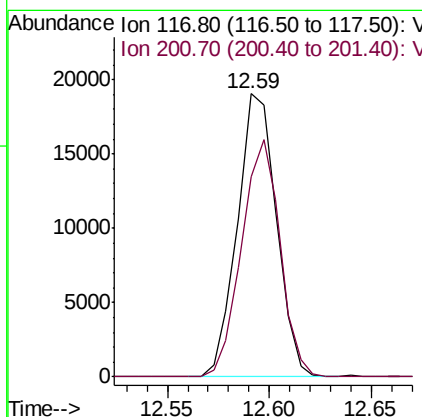
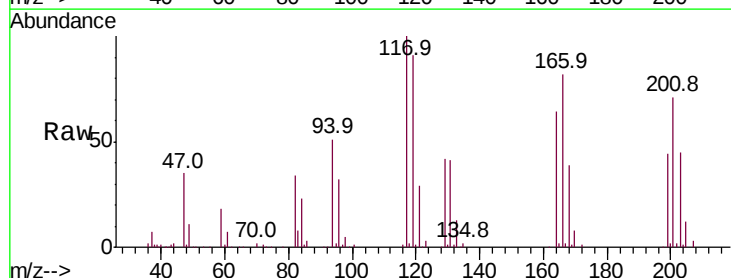
Manual Integrations
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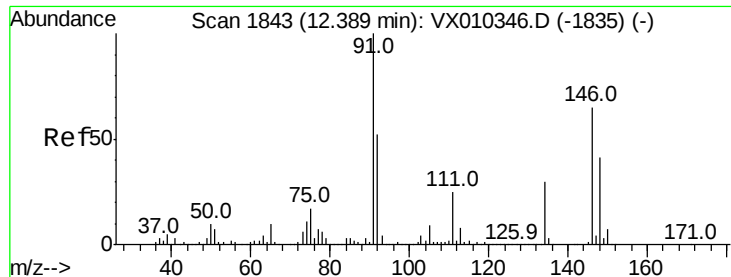
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#90
Hexachloroethane
Concen: 16.839 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.1	44.0	131.8





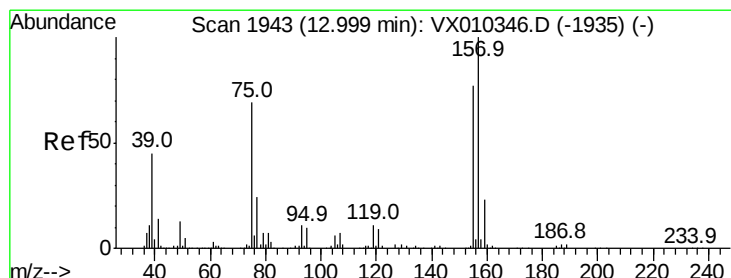
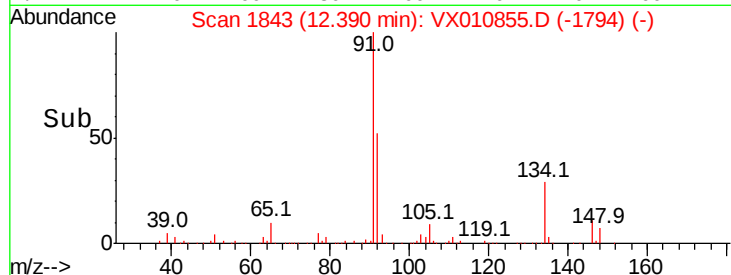
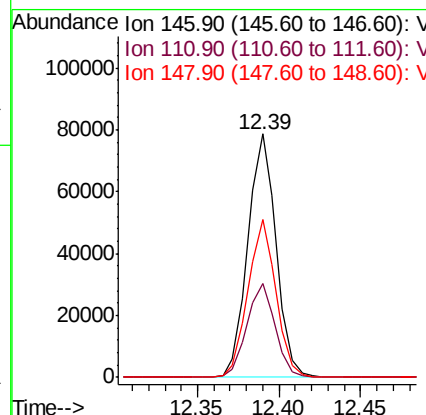
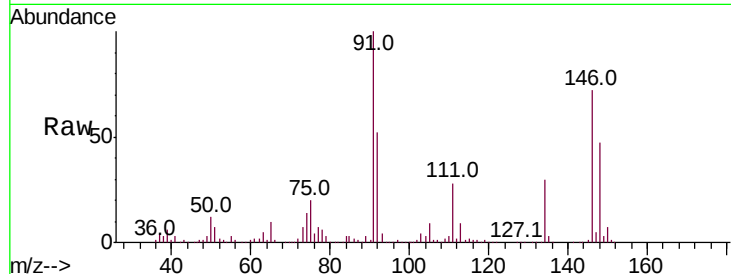
#91
1,2-Dichlorobenzene
Concen: 20.198 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.2	57.6
148	64.1	32.0	96.0

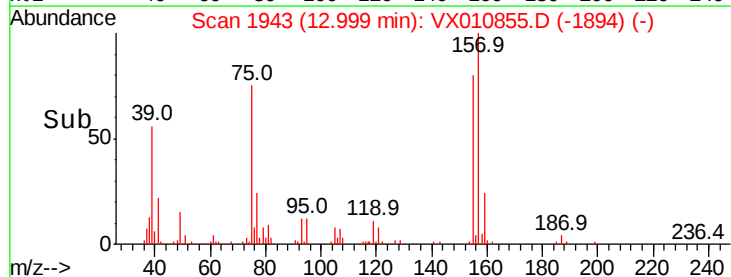
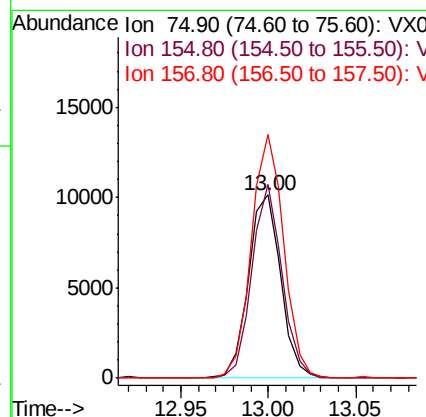
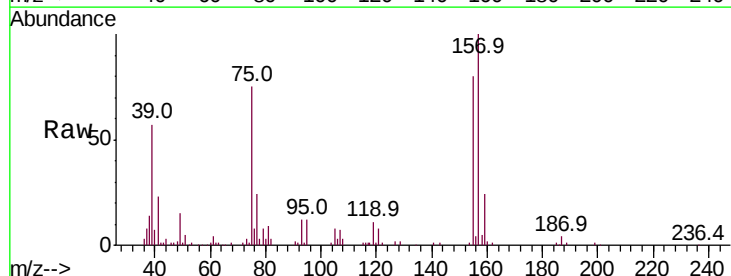
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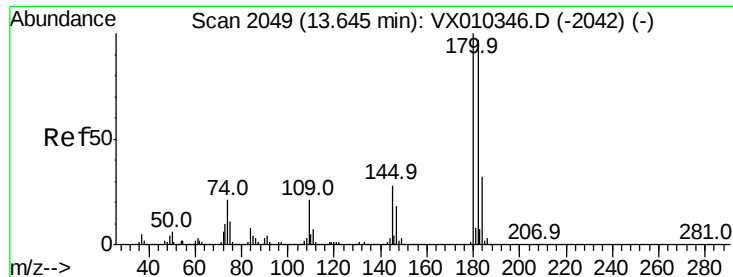
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#92
1,2-Dibromo-3-Chloropropane
Concen: 18.753 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	54.4	163.1
157	133.1	69.5	208.3





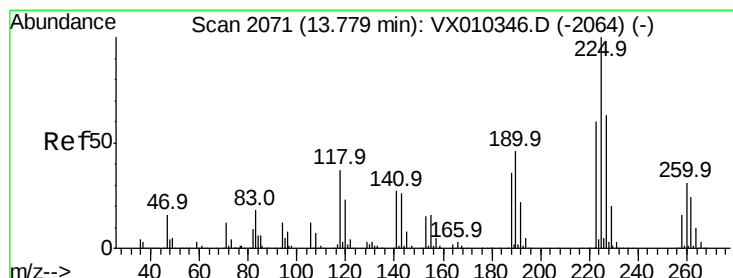
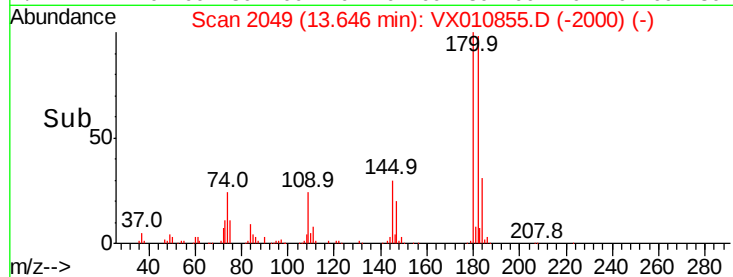
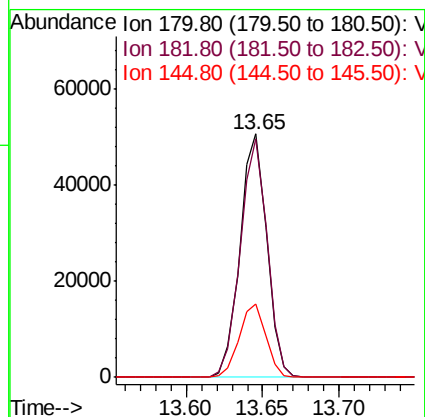
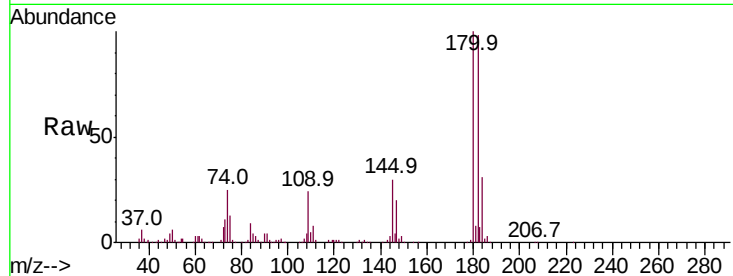
#93
1,2,4-Trichlorobenzene
Concen: 18.817 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	61500		
182	98.3	48.0	144.0	
145	30.2	14.4	43.4	

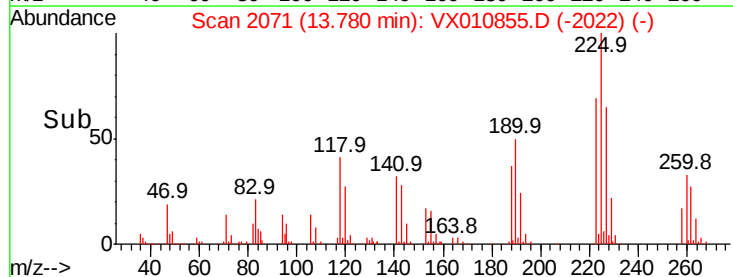
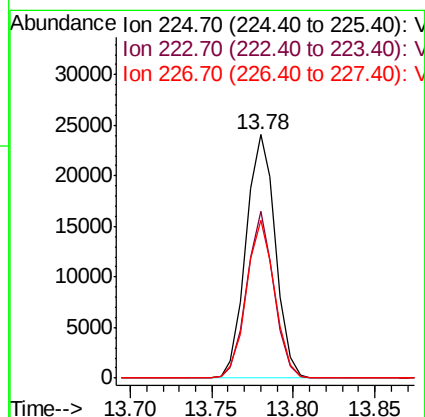
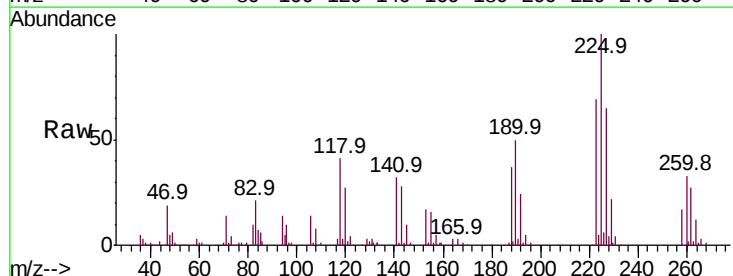
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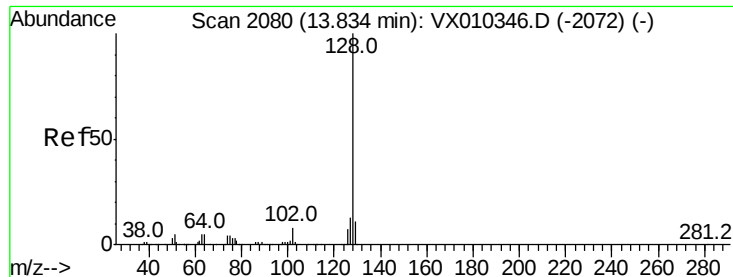
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#94
Hexachlorobutadiene
Concen: 18.923 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30225		
223	63.1	30.9	92.7	
227	62.2	31.9	95.5	





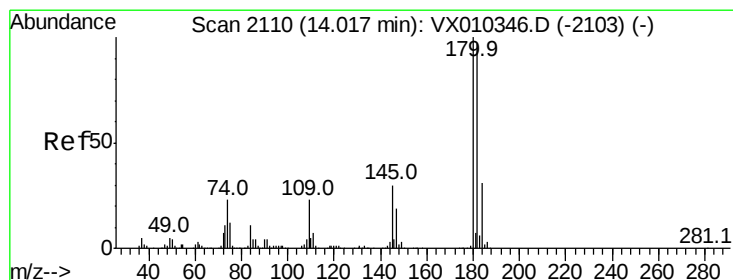
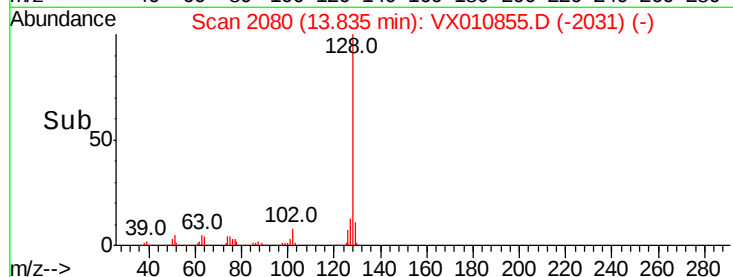
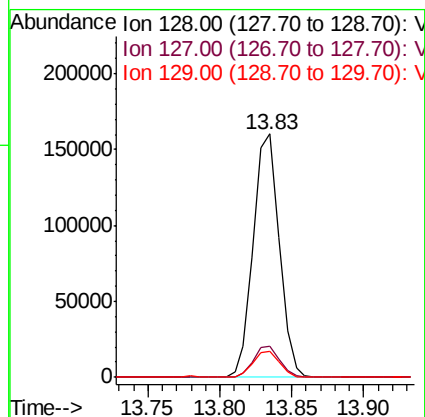
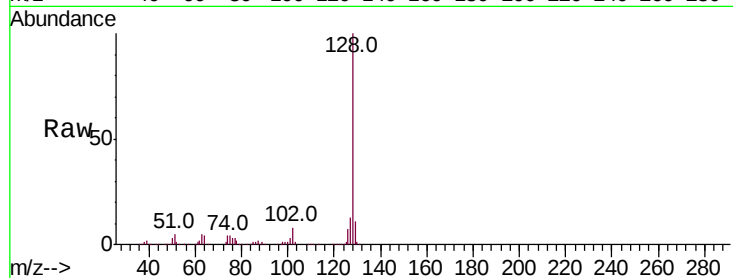
#95
Naphthalene
Concen: 19.910 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS03

Tot Ion	Ratio	Resp	Lower	Upper
128	100	199969		
127	12.9		10.2	15.4
129	10.8		8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.218 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010855.D
Acq: 12 Jul 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	65698		
182	95.4		47.8	143.3
145	31.7		15.2	45.6

