

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010707.D
 Acq On : 08 Jul 2019 19:42
 Operator : JC/SP
 Sample : K3669-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:12:29 AM

Quant Time: Jul 09 02:30:48 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	5.66	168	231866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111756	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.50	113	103543	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.71	98	383883	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.13	95	146142	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97806	60.674	ug/l	99
3) Chloromethane	1.32	50	98690	52.576	ug/l	99
4) Vinyl Chloride	1.41	62	110396	53.696	ug/l	97
5) Bromomethane	1.64	94	50105	50.024	ug/l	99
6) Chloroethane	1.71	64	67609	55.738	ug/l	99
7) Trichlorofluoromethane	1.93	101	182577	56.019	ug/l	100
8) Diethyl Ether	2.19	74	63110	53.996	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100891	51.082	ug/l	98
10) Methyl Iodide	2.51	142	129331	45.883	ug/l	97
11) Tert butyl alcohol	3.05	59	124157	218.256	ug/l	99
12) 1,1-Dichloroethene	2.37	96	103679	51.588	ug/l	99
13) Acrolein	2.29	56	85954	227.773	ug/l	99
14) Allyl chloride	2.73	41	149543	52.411	ug/l	96
15) Acrylonitrile	3.14	53	298526	265.056	ug/l	100
16) Acetone	2.45	43	241328	221.497	ug/l	98
17) Carbon Disulfide	2.57	76	262070	48.604	ug/l	99
18) Methyl Acetate	2.78	43	108222	49.838	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	339949	53.768	ug/l	98
20) Methylene Chloride	2.85	84	117486	52.398	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	111742	51.696	ug/l	97
22) Diisopropyl ether	3.85	45	320726	53.763	ug/l	96
23) Vinyl Acetate	3.81	43	1345072	260.996	ug/l	97
24) 1,1-Dichloroethane	3.70	63	182946	53.054	ug/l	99
25) 2-Butanone	4.67	43	401130	250.988	ug/l	99
26) 2,2-Dichloropropane	4.59	77	126328	42.172	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	226613	90.725	ug/l	97
28) Bromochloromethane	5.01	49	78754	47.767	ug/l	95
29) Tetrahydrofuran	5.13	42	262729	265.399	ug/l	99
30) Chloroform	5.21	83	196838	53.053	ug/l	98
31) Cyclohexane	5.58	56	166242	52.940	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	173362	52.918	ug/l	99
36) 1,1-Dichloropropene	5.80	75	141602	50.757	ug/l	98
37) Ethyl Acetate	4.84	43	145616	50.737	ug/l	98
38) Carbon Tetrachloride	5.79	117	152513	50.485	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184351	50.272	ug/l	98
40) Benzene	6.14	78	449475	51.714	ug/l	98
41) Methacrylonitrile	5.04	41	84394	53.593	ug/l	98
42) 1,2-Dichloroethane	6.20	62	150521	56.893	ug/l	98
43) Isopropyl Acetate	6.45	43	241544	50.869	ug/l	98
44) Trichloroethene	7.21	130	131157	50.431	ug/l	99
45) 1,2-Dichloropropane	7.51	63	112947	51.460	ug/l	98
46) Dibromomethane	7.66	93	81970	52.053	ug/l	97
47) Bromodichloromethane	7.90	83	147679	51.172	ug/l	98
48) Methyl methacrylate	7.77	41	121431	55.018	ug/l	98
49) 1,4-Dioxane	7.74	88	55514	873.115	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	822034	270.683	ug/l	98
52) Toluene	8.78	92	292644	51.129	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160264	49.533	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	172896	49.173	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	123757	52.427	ug/l	99
56) Ethyl methacrylate	9.18	69	188527	52.721	ug/l	96
57) 1,3-Dichloropropane	9.37	76	191045	52.137	ug/l	100
59) 2-Hexanone	9.49	43	632831	264.767	ug/l	99
60) Dibromochloromethane	9.58	129	133349	50.453	ug/l	100
61) 1,2-Dibromoethane	9.67	107	134597	52.826	ug/l	99
64) Tetrachloroethene	9.34	164	123596	47.061	ug/l	96
65) Chlorobenzene	10.14	112	862542	130.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	122386	50.969	ug/l	99
67) Ethyl Benzene	10.25	91	579284	52.052	ug/l	100
68) m/p-Xylenes	10.36	106	443309	102.804	ug/l	99
69) o-Xylene	10.69	106	214886	50.673	ug/l	98
70) Styrene	10.71	104	372782	52.418	ug/l	99
71) Bromoform	10.85	173	100843	48.294	ug/l	98
73) Isopropylbenzene	11.02	105	589541	51.369	ug/l	99
74) N-amyl acetate	10.90	43	221785	51.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191161	50.296	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	154664m	50.132	ug/l	
77) Bromobenzene	11.26	156	157929	49.282	ug/l	98
78) n-propylbenzene	11.36	91	645080	51.143	ug/l	99
79) 2-Chlorotoluene	11.42	91	381555	50.801	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	482244	50.972	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55763	42.167	ug/l	90
82) 4-Chlorotoluene	11.51	91	440499	51.541	ug/l	99
83) tert-Butylbenzene	11.77	119	524903	55.277	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	498943	52.491	ug/l	99
85) sec-Butylbenzene	11.94	105	607152	54.456	ug/l	97
86) p-Isopropyltoluene	12.06	119	518850	50.311	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275841	49.312	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	279224	49.032	ug/l	99
89) n-Butylbenzene	12.38	91	450450	51.401	ug/l	100
90) Hexachloroethane	12.60	117	85600	48.003	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	270891	48.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40853	49.854	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	188168	48.806	ug/l	98

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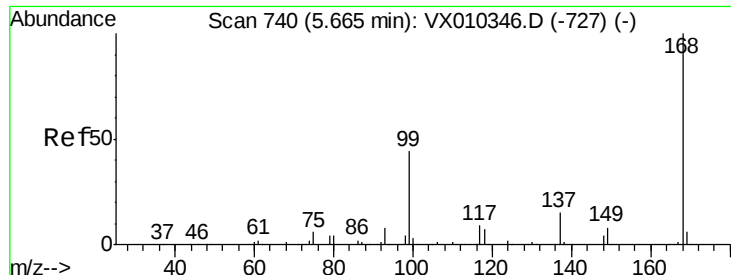
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	91734	48.684	ug/l	99
95) Naphthalene	13.83	128	595453	50.258	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188348	49.135	ug/l	98

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



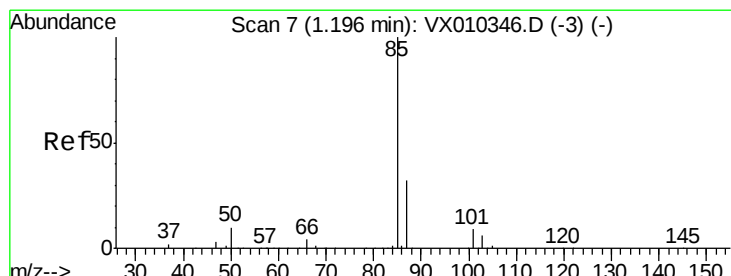
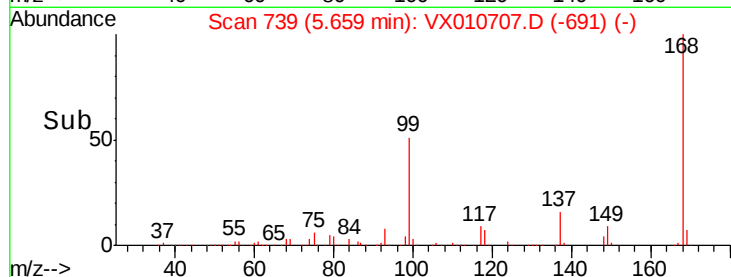
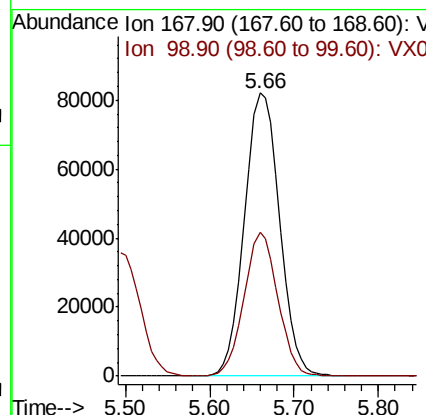
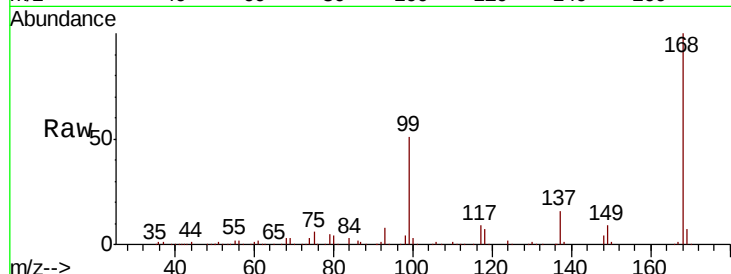
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
168	100		
99	50.6	35.5	53.3

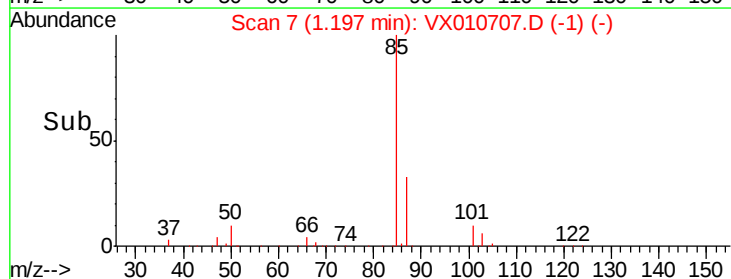
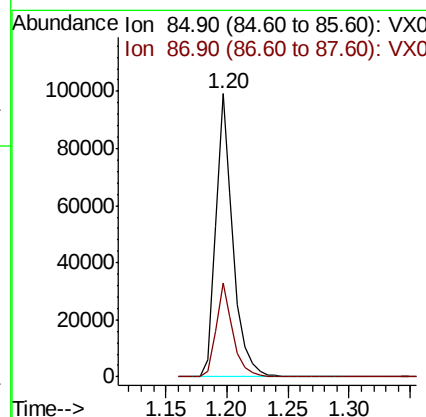
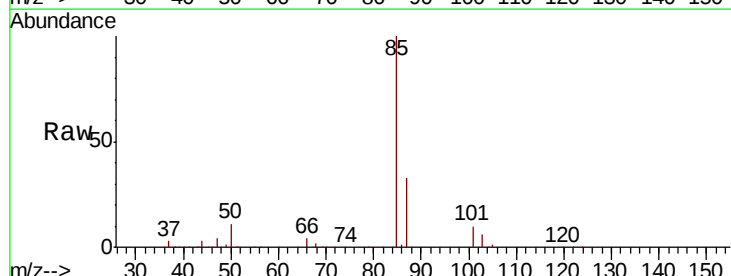
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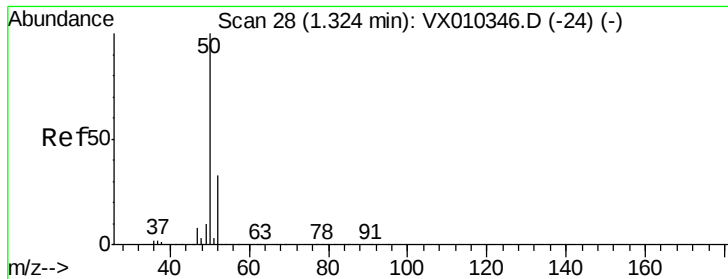
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#2
Dichlorodifluoromethane
Concen: 60.674 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.3	48.8





#3

Chloromethane

Concen: 52.576 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tgt Ion: 50 Resp: 98690

Ion Ratio Lower Upper

50 100

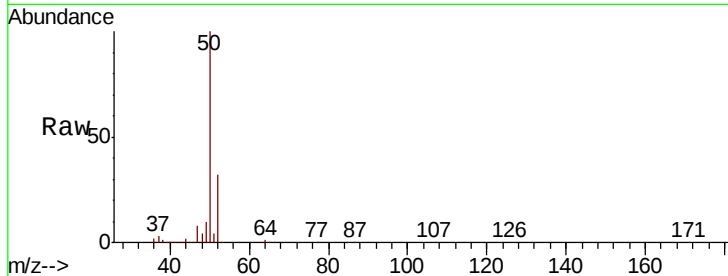
52 32.4 26.5 39.7

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

60000

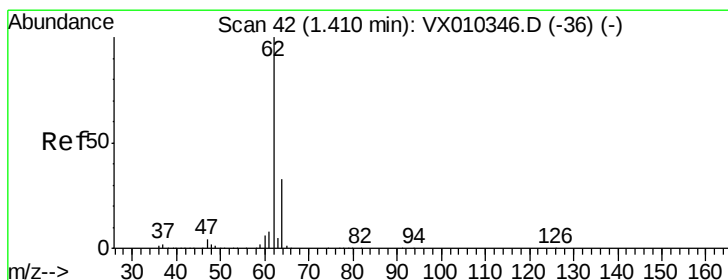
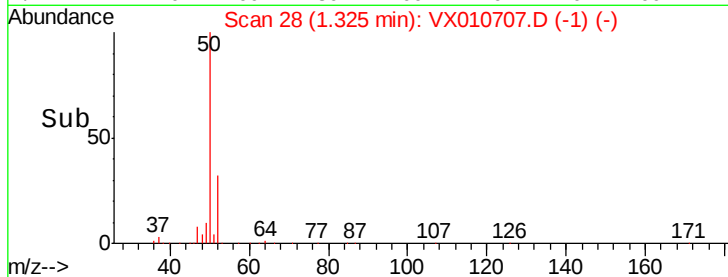
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 53.696 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010707.D

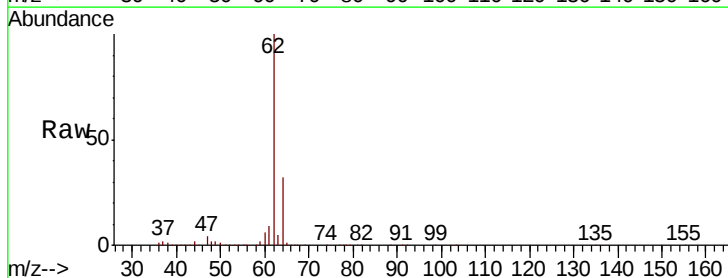
Acq: 08 Jul 2019 19:42

Tgt Ion: 62 Resp: 110396

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

60000

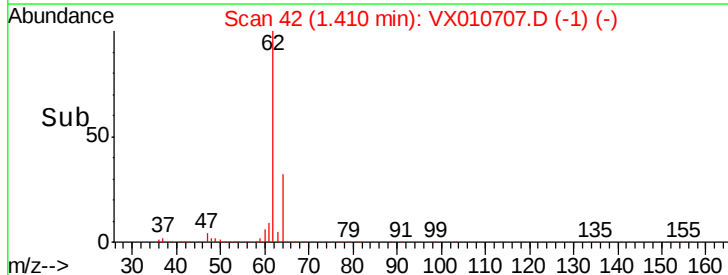
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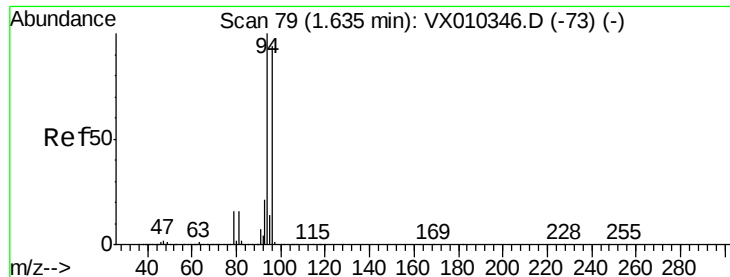
20000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 50.024 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010707.D

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Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 50105

Ion Ratio Lower Upper

94 100

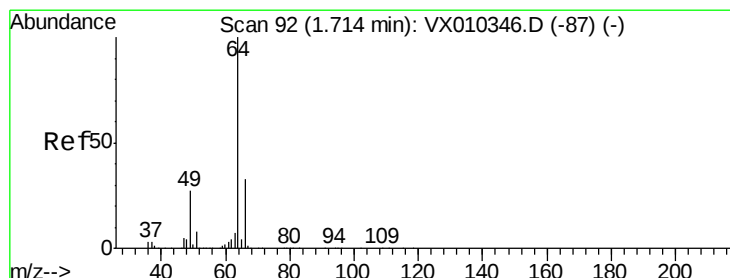
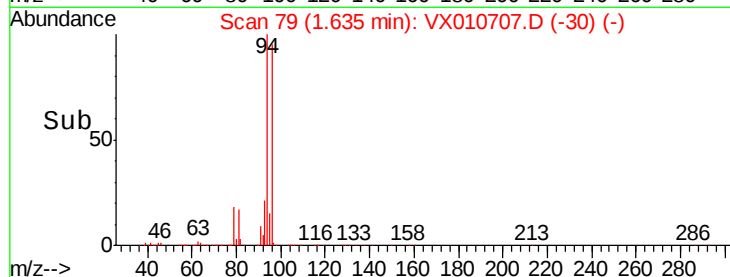
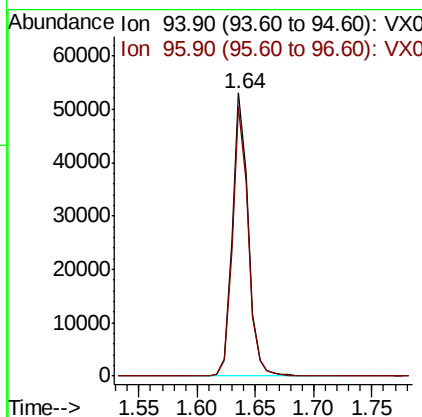
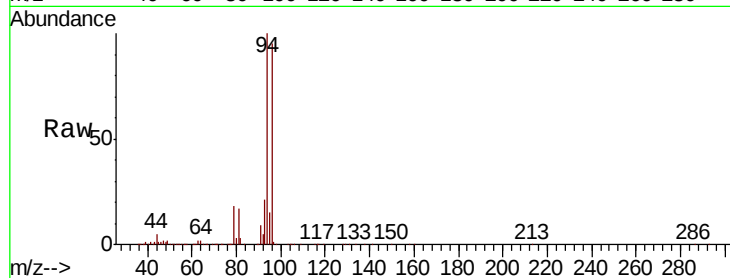
96 95.3 75.5 113.3

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#6

Chloroethane

Concen: 55.738 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010707.D

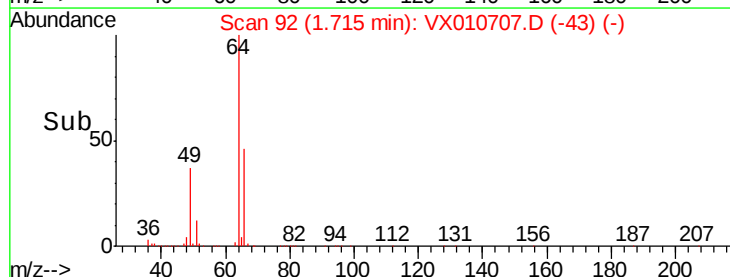
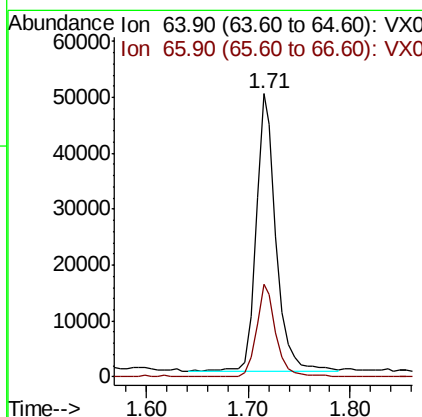
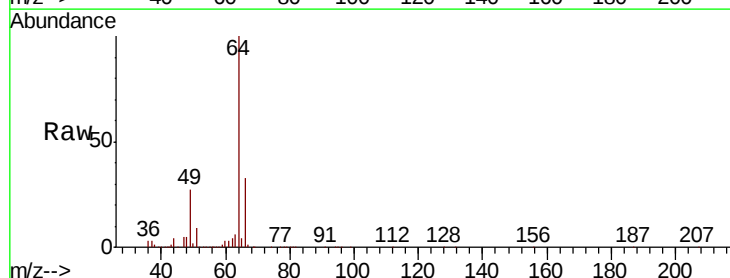
Acq: 08 Jul 2019 19:42

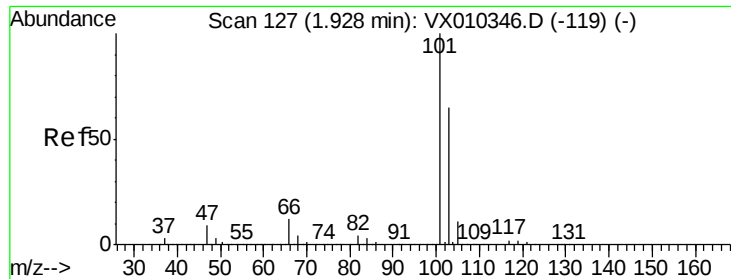
Tgt Ion: 64 Resp: 67609

Ion Ratio Lower Upper

64 100

66 32.8 26.6 40.0





#7

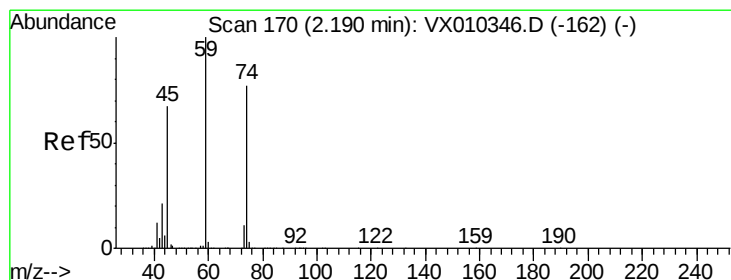
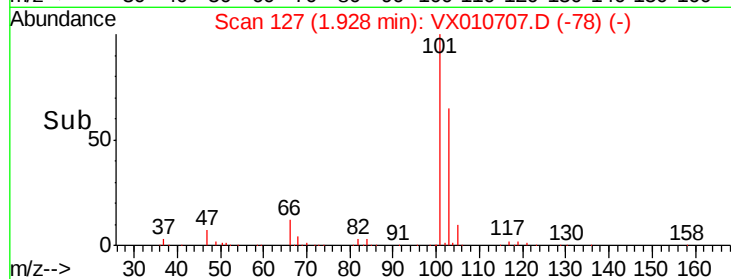
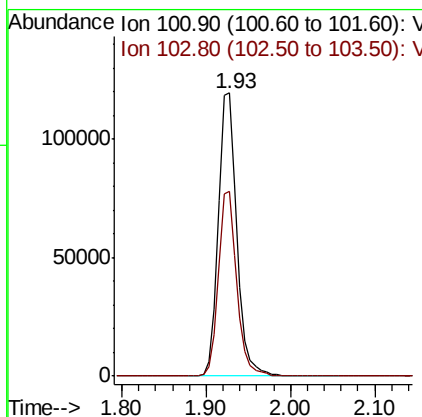
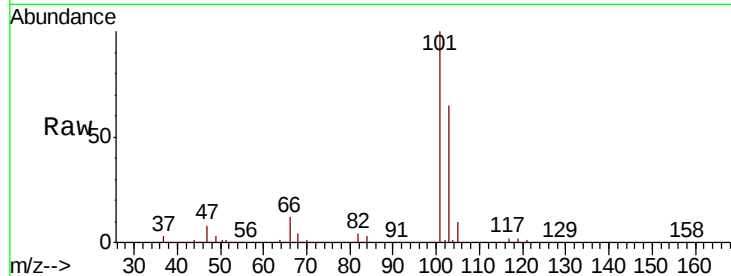
Trichlorofluoromethane
Concen: 56.019 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

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Tgt Ion:101 Resp: 182577
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

Manual Integrations
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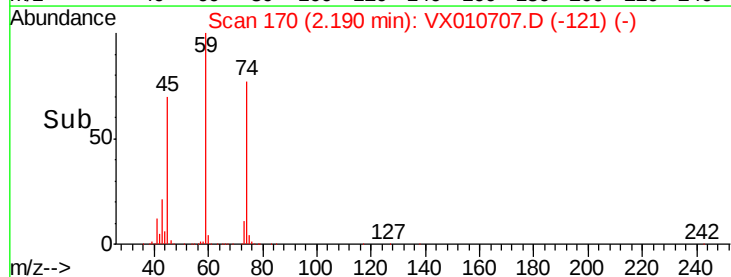
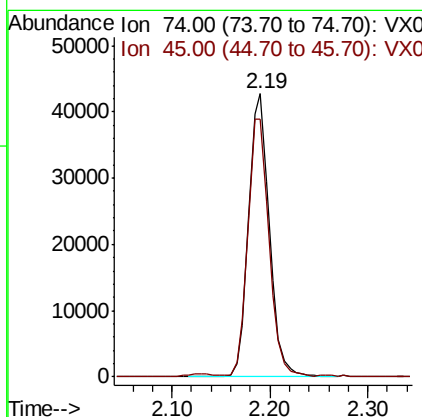
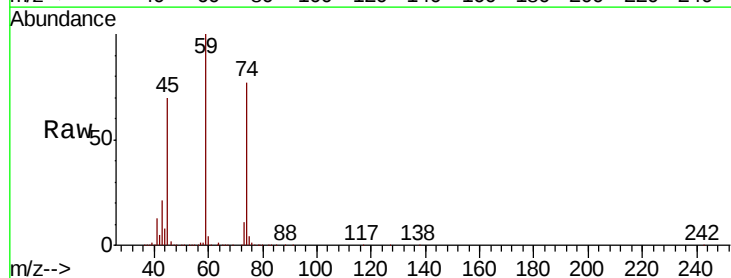
MMDadoda
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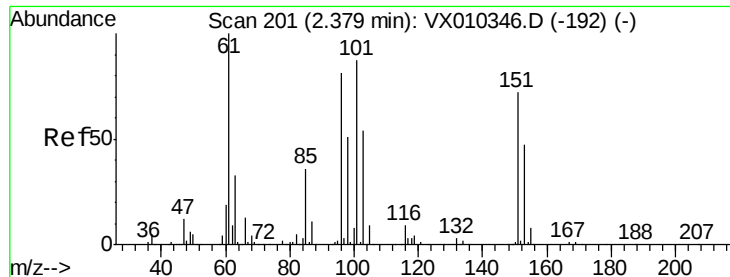


#8

Diethyl Ether
Concen: 53.996 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 74 Resp: 63110
Ion Ratio Lower Upper
74 100
45 92.2 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.082 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

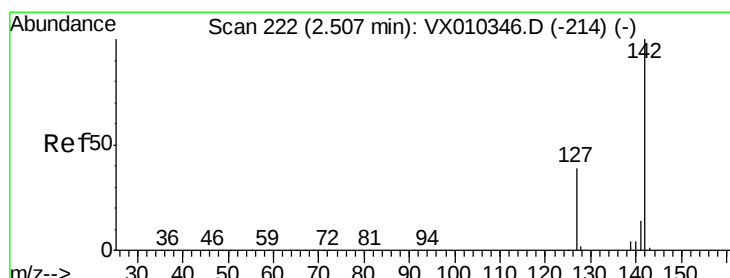
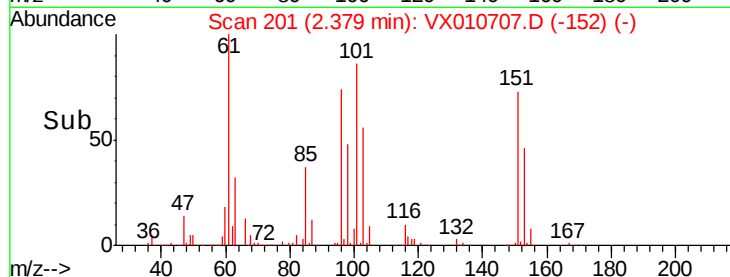
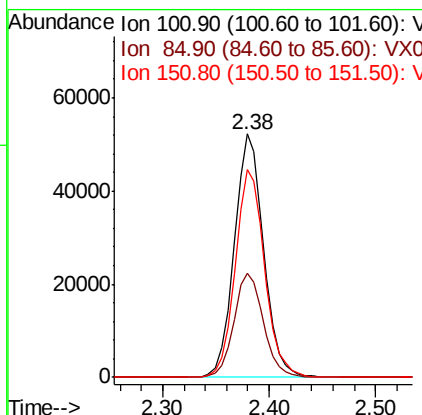
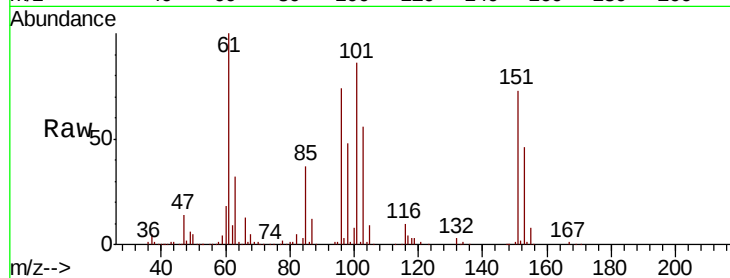
ClientSampleId :

SS038RW151-190702MS

Tgt Ion:	101	Resp:	100891
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.7	50.5
151	85.8	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 45.883 ug/l

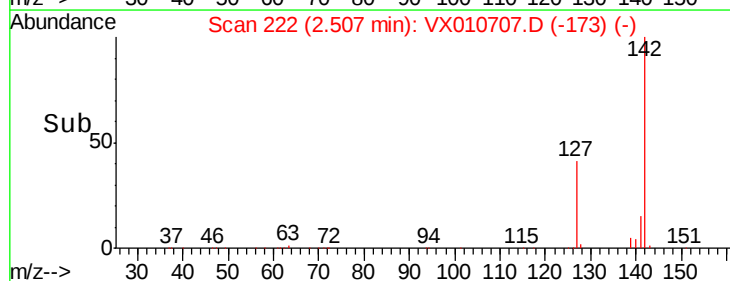
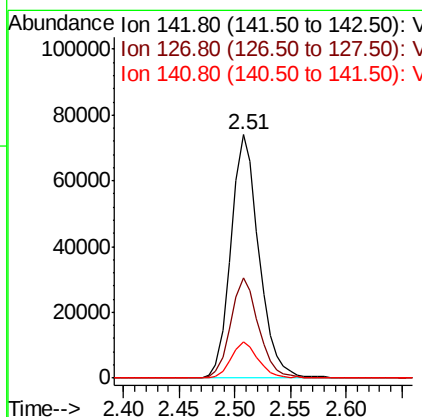
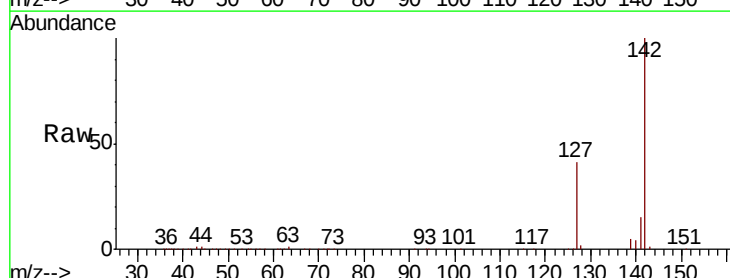
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion:	142	Resp:	129331
Ion Ratio	Lower	Upper	
142	100		
127	41.1	31.1	46.7
141	14.5	11.2	16.8





#11

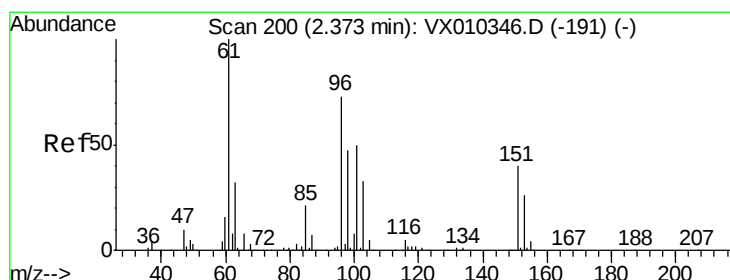
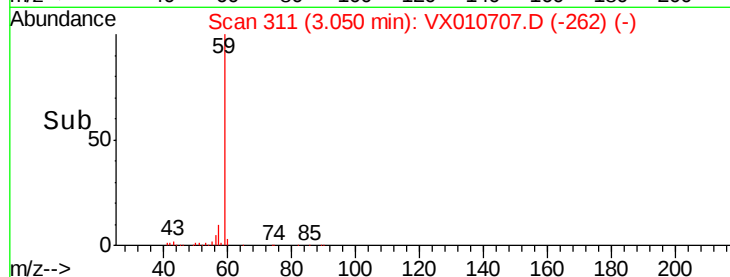
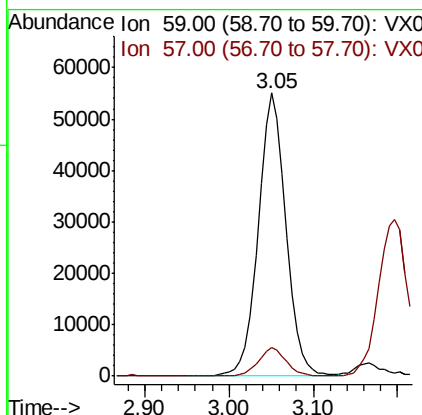
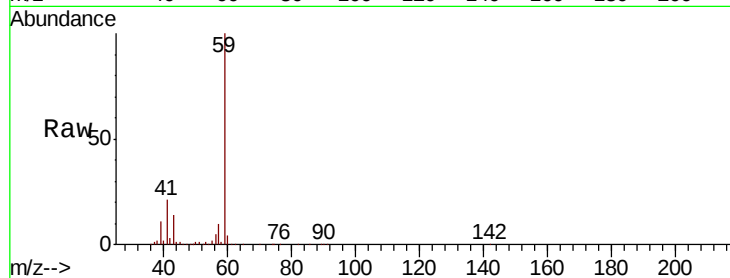
Tert butyl alcohol
 Concen: 218.256 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.7	11.5

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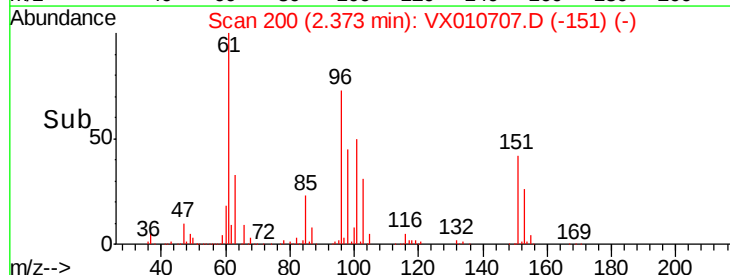
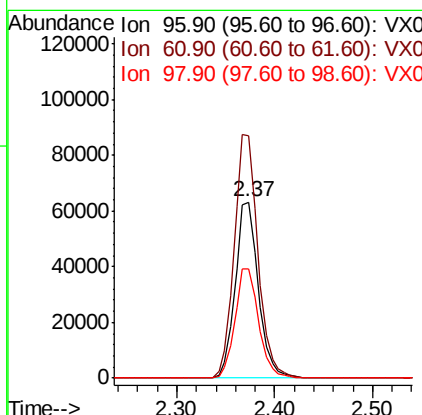
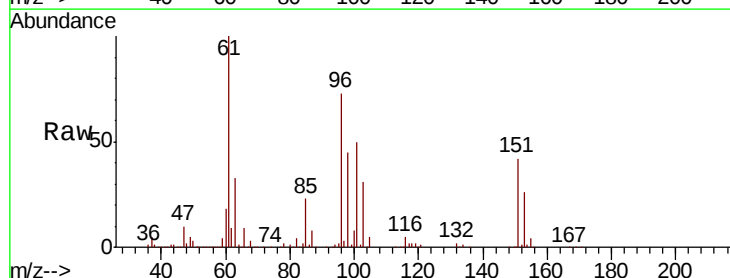
MMDadoda
 7/9/2019 11:12:29 AM



#12

1,1-Dichloroethene
 Concen: 51.588 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.3	109.2	163.8
98	62.1	51.1	76.7





#13

Acrolein

Concen: 227.773 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tgt Ion: 56 Resp: 85954

Ion Ratio Lower Upper

56 100

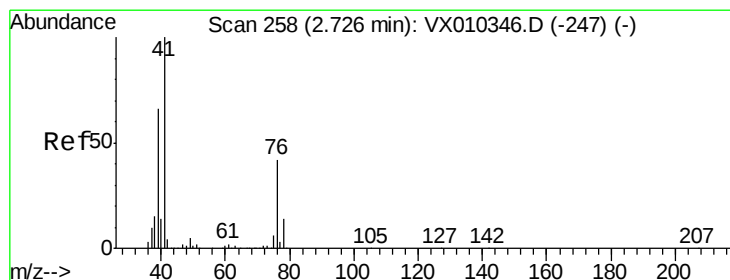
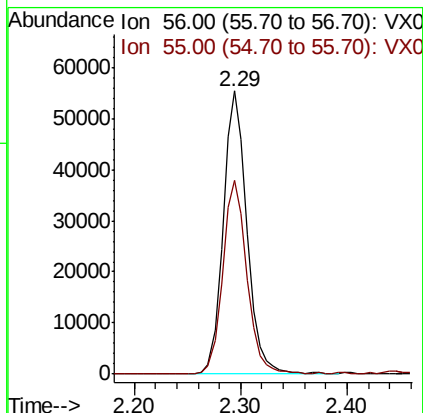
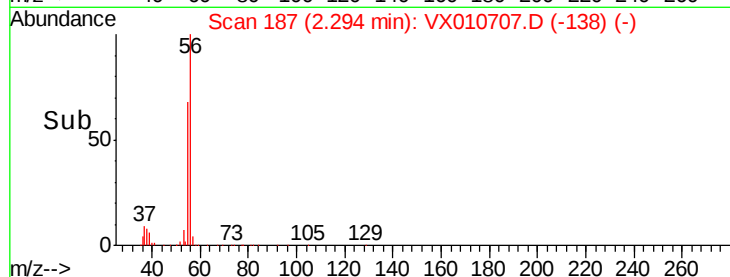
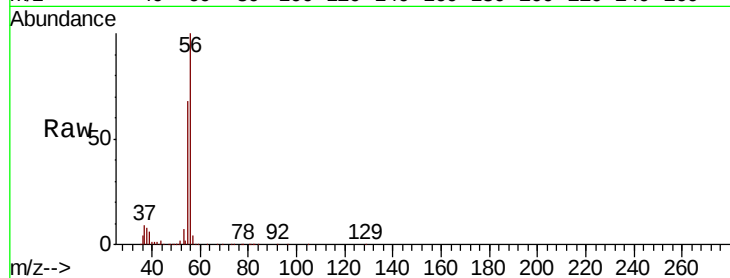
55 70.2 56.9 85.3

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#14

Allyl chloride

Concen: 52.411 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

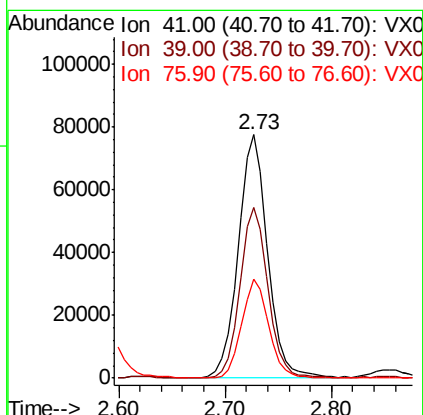
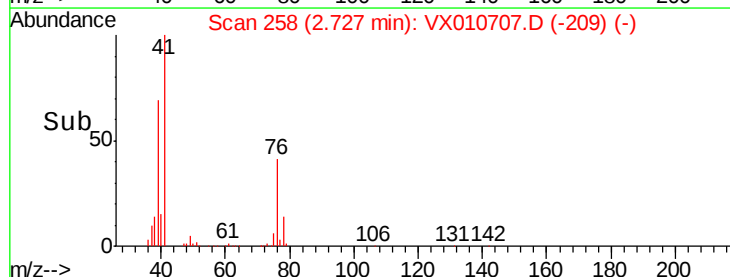
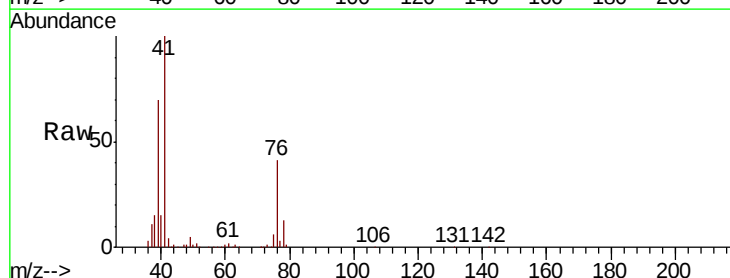
Tgt Ion: 41 Resp: 149543

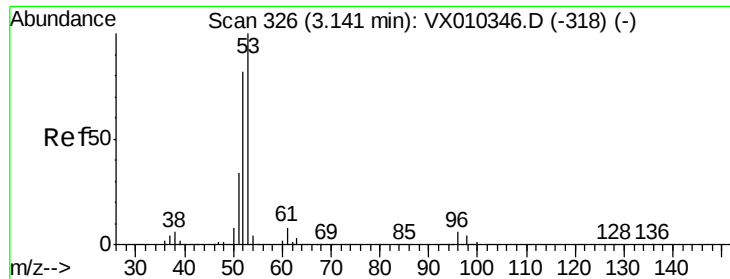
Ion Ratio Lower Upper

41 100

39 66.6 50.3 75.5

76 37.4 31.3 46.9





#15

Acrylonitrile

Concen: 265.056 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

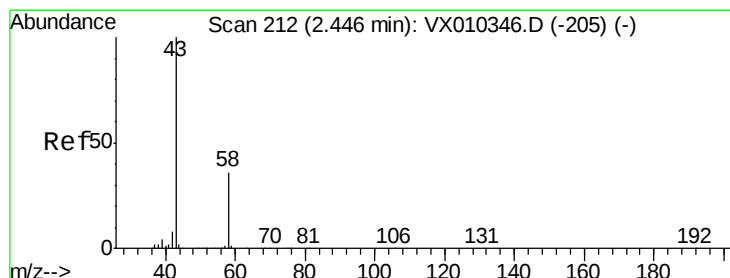
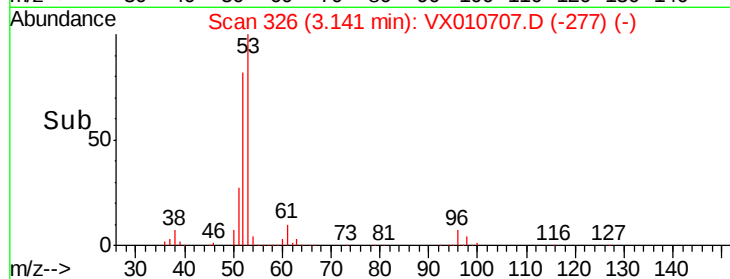
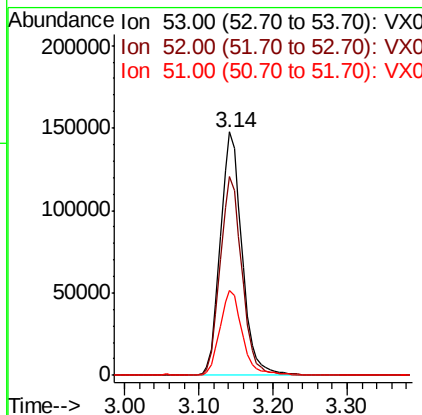
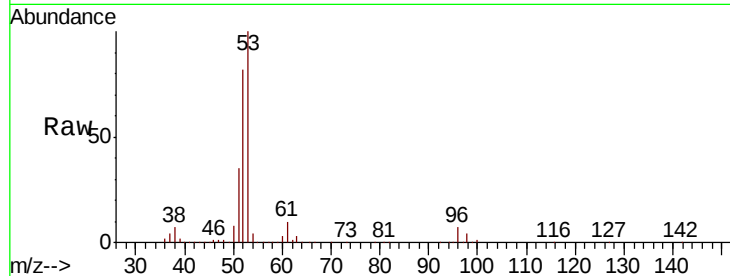
ClientSampleId :

SS038RW151-190702MS

Tgt Ion:	53	Resp:	298526
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.5	98.3
51	35.6	28.2	42.4

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#16

Acetone

Concen: 221.497 ug/l

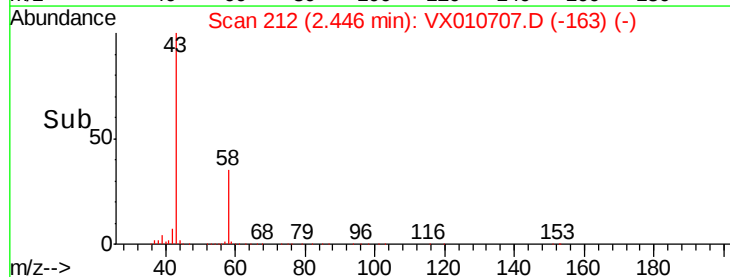
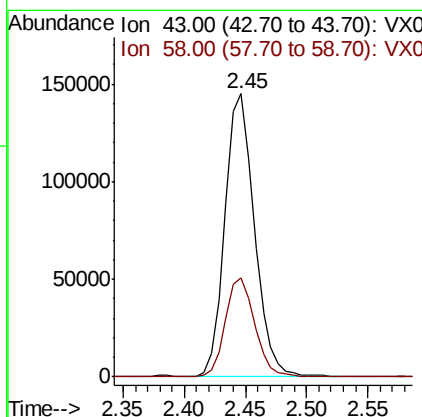
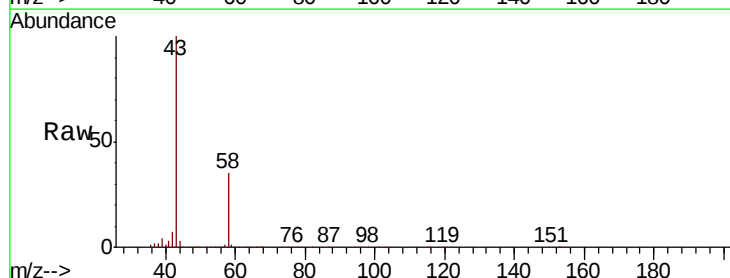
RT: 2.45 min Scan# 212

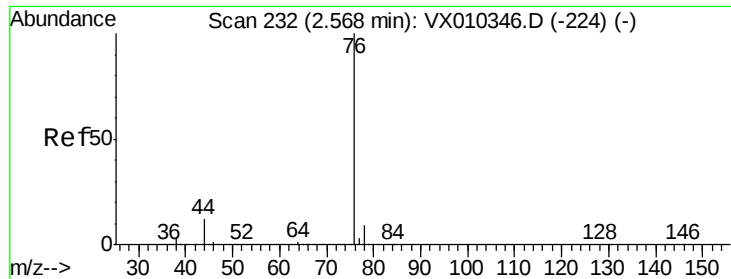
Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion:	43	Resp:	241328
Ion Ratio	Lower	Upper	
43	100		
58	34.9	28.9	43.3





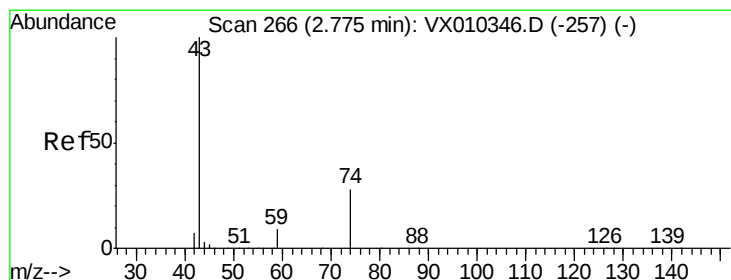
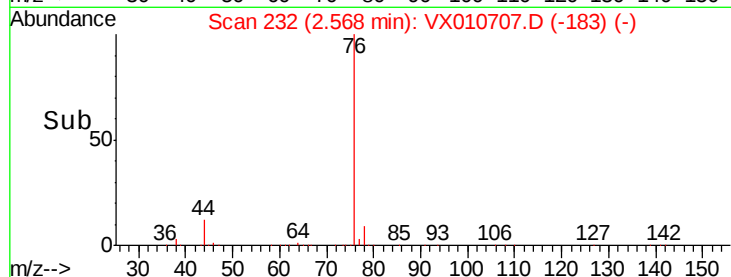
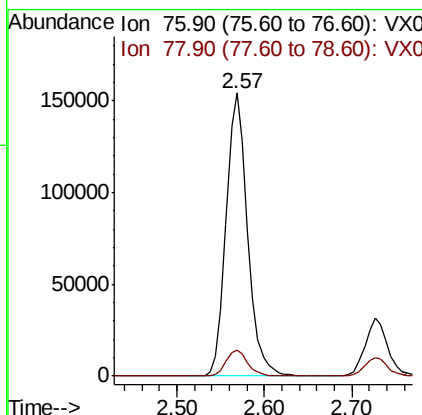
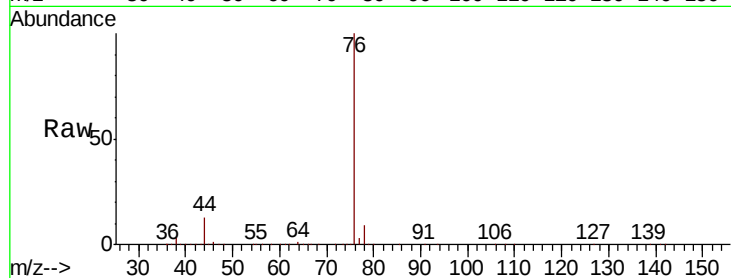
#17
Carbon Disulfide
Concen: 48.604 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion: 76 Resp: 262070
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

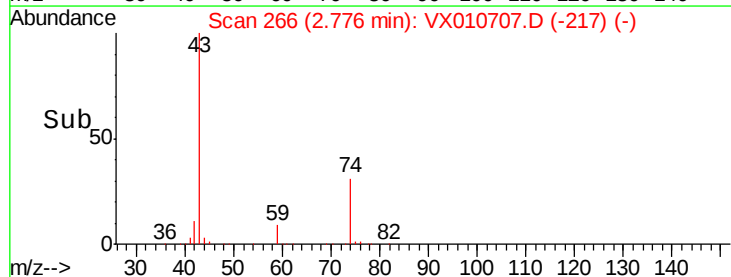
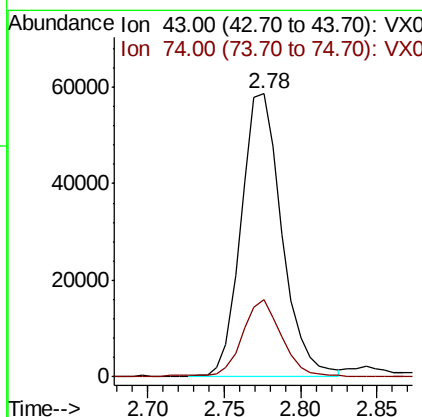
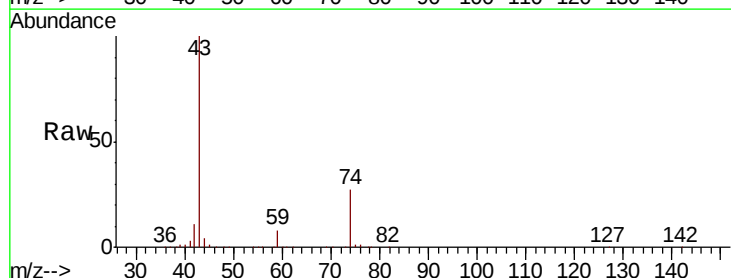
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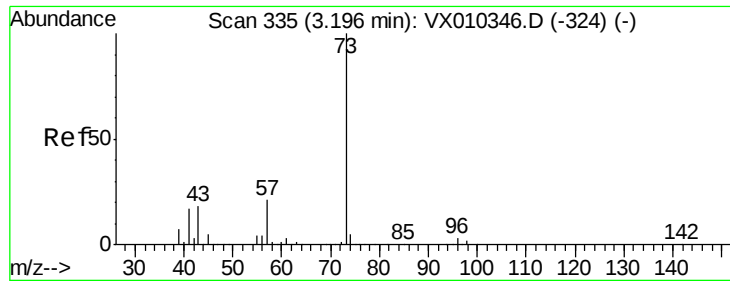
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#18
Methyl Acetate
Concen: 49.838 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 43 Resp: 108222
Ion Ratio Lower Upper
43 100
74 26.9 21.3 31.9





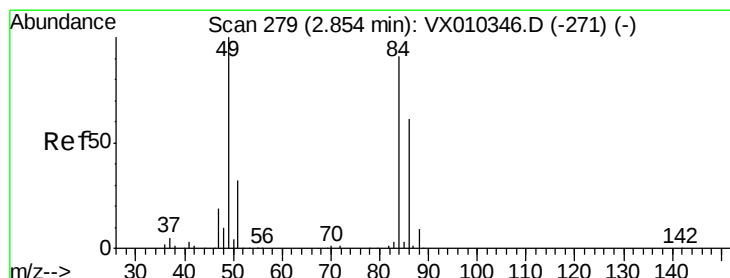
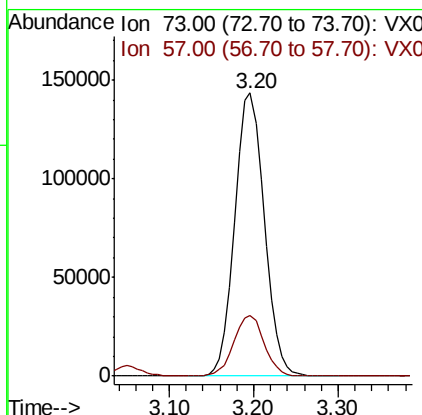
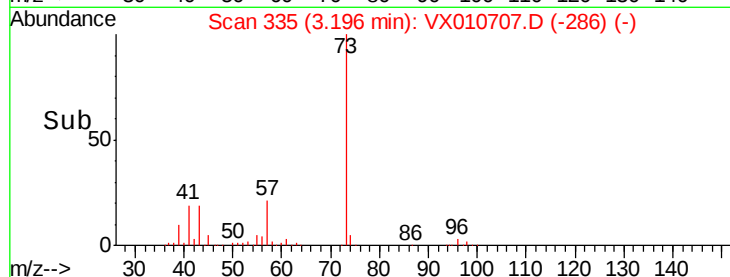
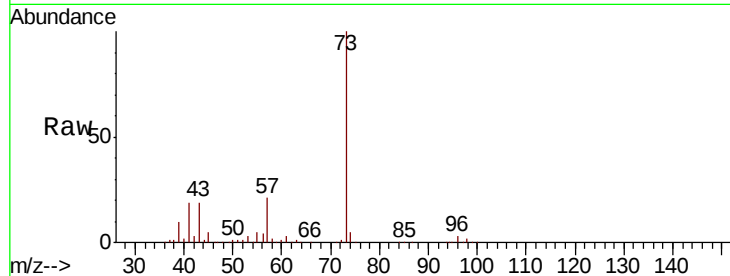
#19
Methyl tert-butyl Ether
Concen: 53.768 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion: 73 Resp: 339949
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6

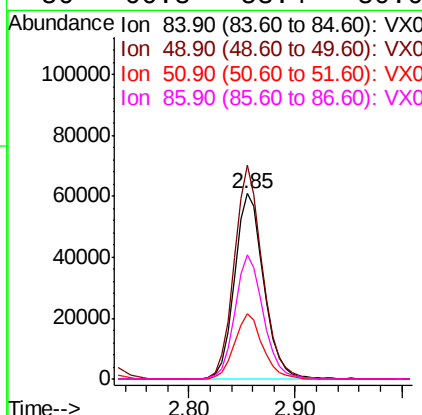
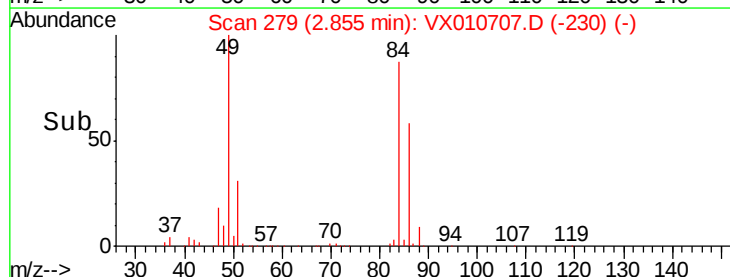
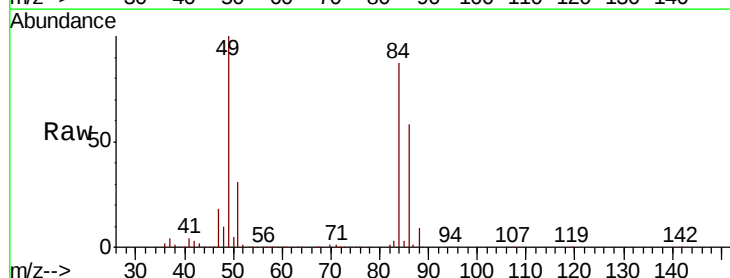
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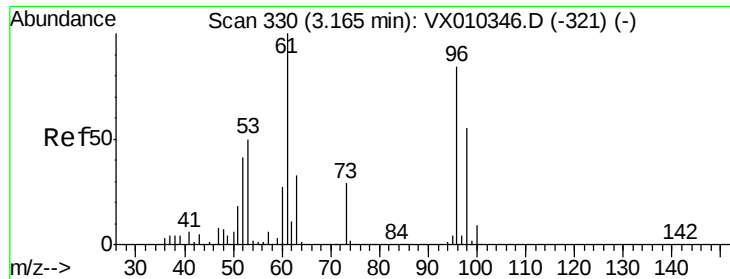
MMDadoda
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#20
Methylene Chloride
Concen: 52.398 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 84 Resp: 117486
Ion Ratio Lower Upper
84 100
49 115.3 87.5 131.3
51 35.3 27.7 41.5
86 66.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 51.696 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

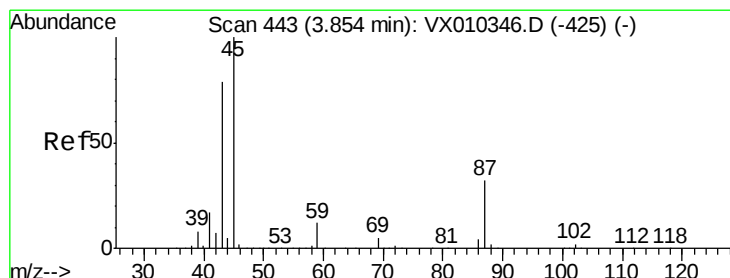
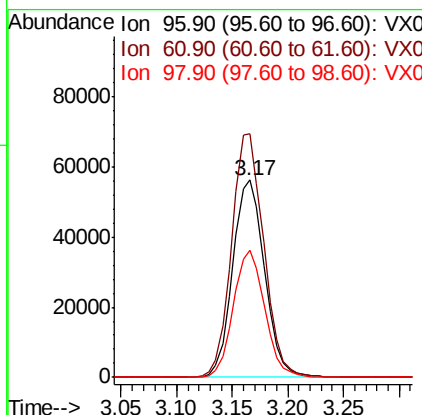
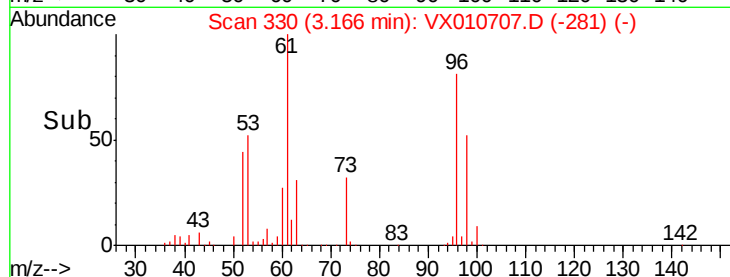
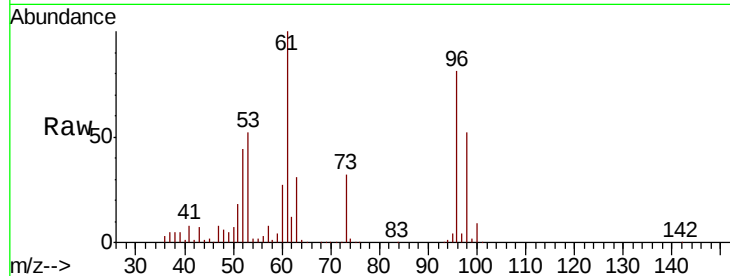
ClientSampleId :

SS038RW151-190702MS

Tgt Ion:	96	Resp:	111742
Ion	Ratio	Lower	Upper
96	100		
61	123.5	95.6	143.4
98	64.3	52.5	78.7

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#22

Diisopropyl ether

Concen: 53.763 ug/l

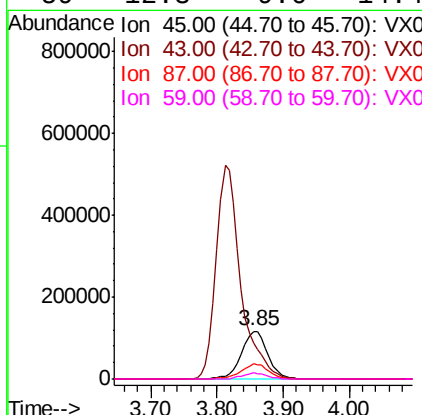
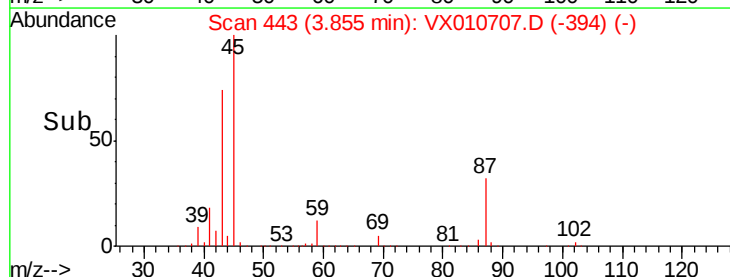
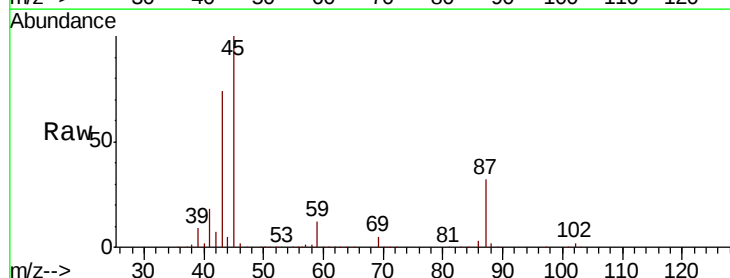
RT: 3.85 min Scan# 443

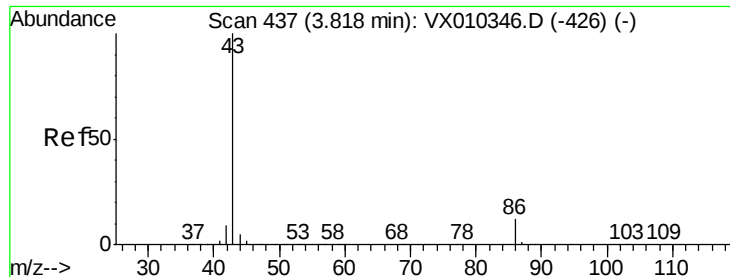
Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion:	45	Resp:	320726
Ion	Ratio	Lower	Upper
45	100		
43	73.6	63.3	94.9
87	32.4	25.8	38.8
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 260.996 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tgt Ion: 43 Resp: 1345072

Ion Ratio Lower Upper

43 100

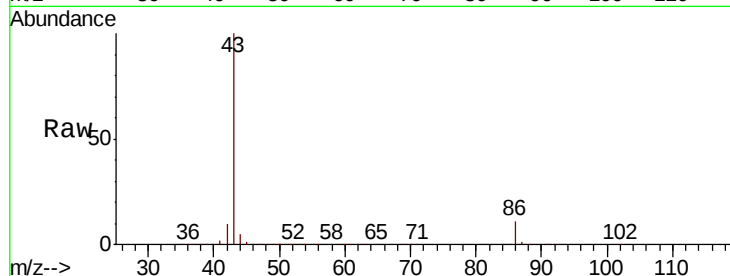
86 11.2 9.9 14.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

500000

400000

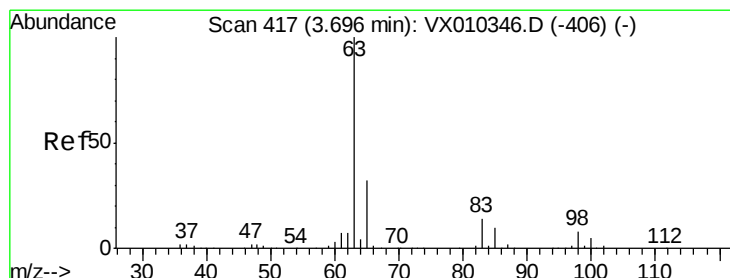
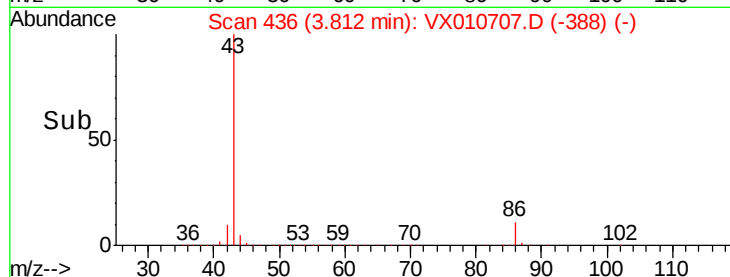
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.054 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

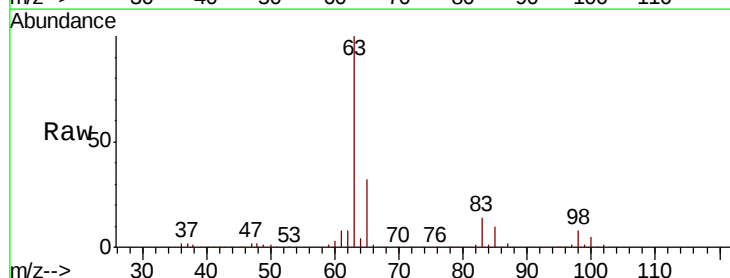
Tgt Ion: 63 Resp: 182946

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.8 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

100000

80000

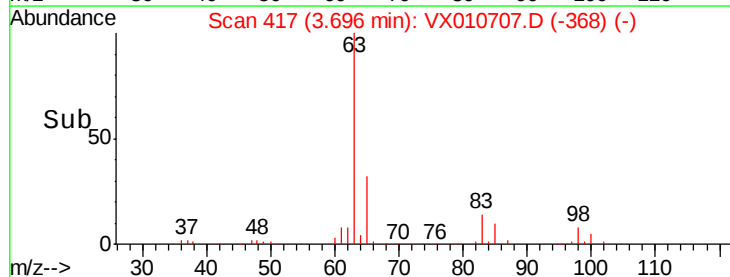
60000

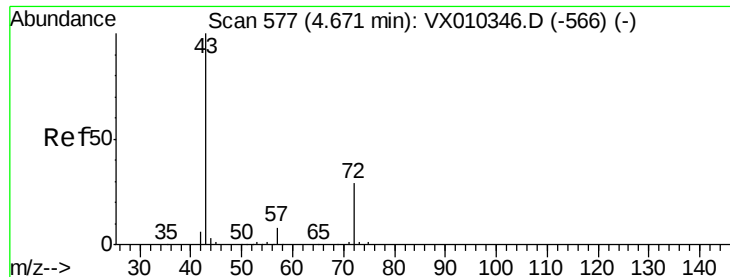
40000

20000

0

Time-->





#25

2-Butanone

Concen: 250.988 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tgt Ion: 43 Resp: 401130

Ion Ratio Lower Upper

43 100

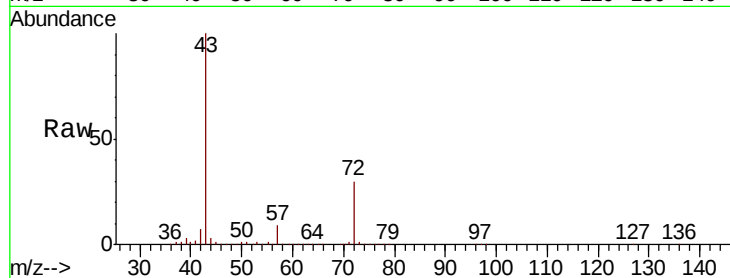
72 29.8 23.3 34.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

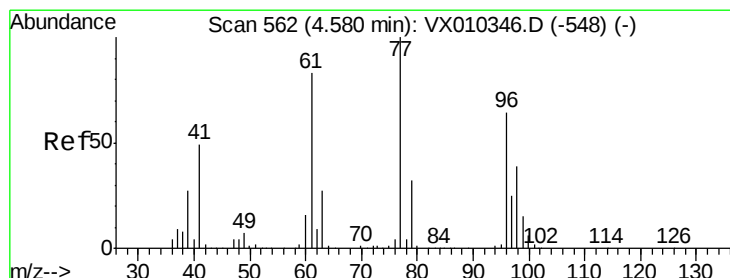
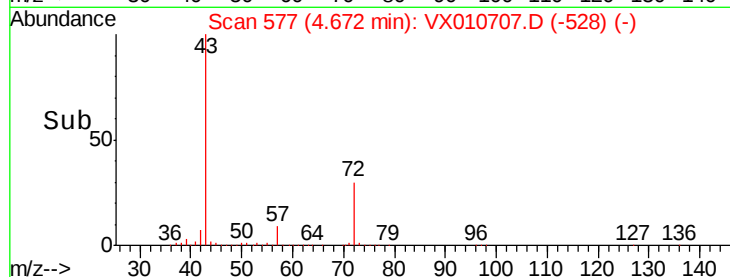
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.172 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010707.D

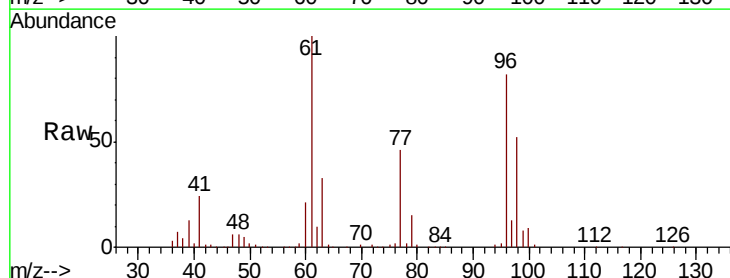
Acq: 08 Jul 2019 19:42

Tgt Ion: 77 Resp: 126328

Ion Ratio Lower Upper

77 100

97 28.5 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

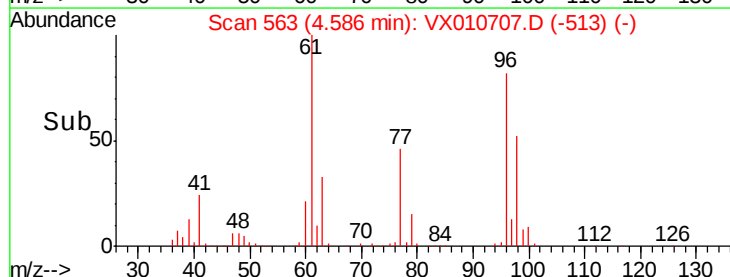
20000

10000

0

4.40 4.50 4.60 4.70

Time-->





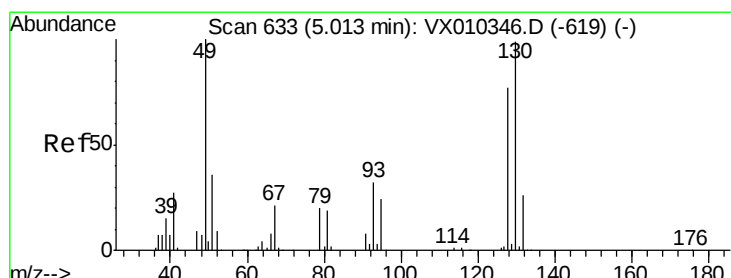
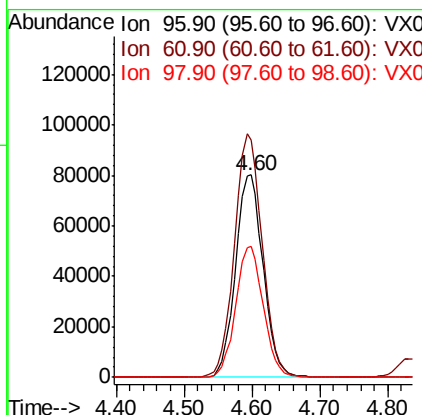
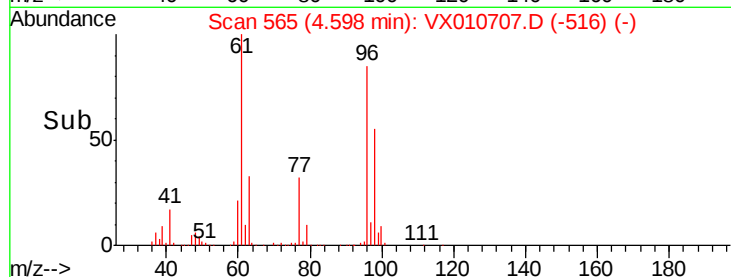
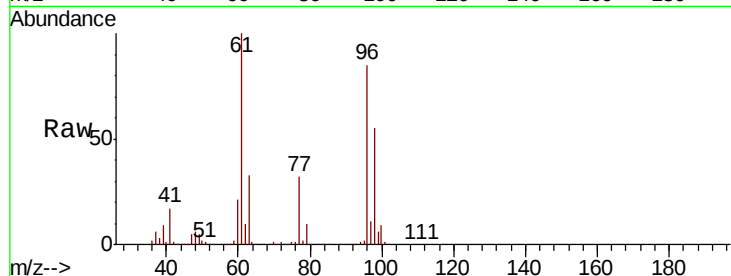
#27
 cis-1,2-Dichloroethene
 Concen: 90.725 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	226613		
61	121.0	0.0	251.8	
98	64.6	0.0	129.4	

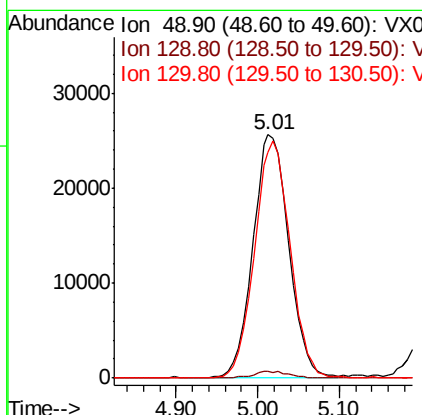
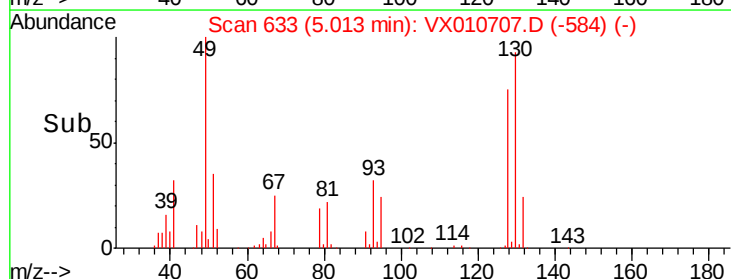
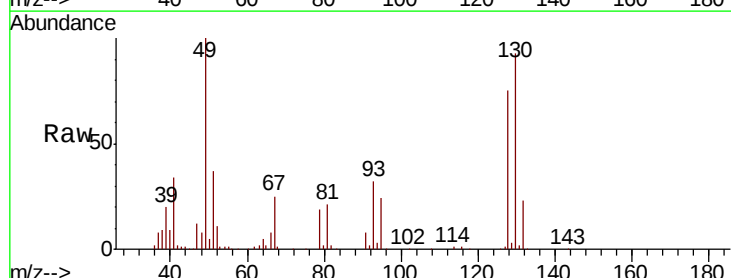
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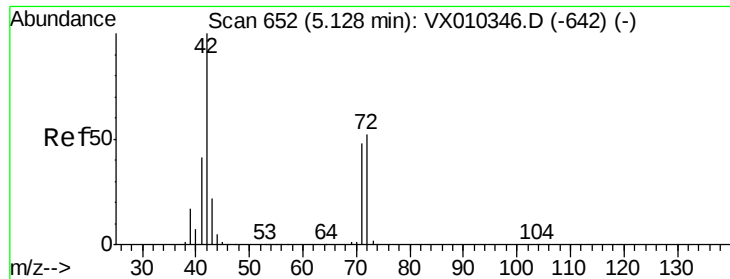
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#28
 Bromochloromethane
 Concen: 47.767 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78754		
129	2.7	0.0	5.6	
130	96.2	81.4	122.0	





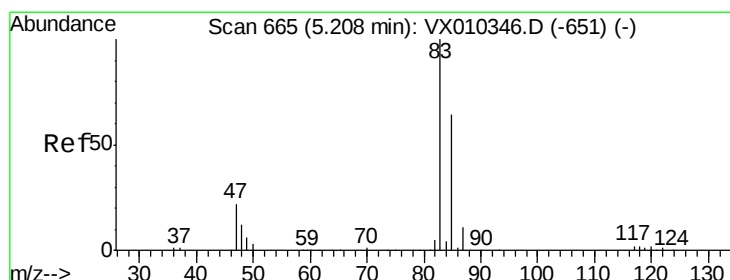
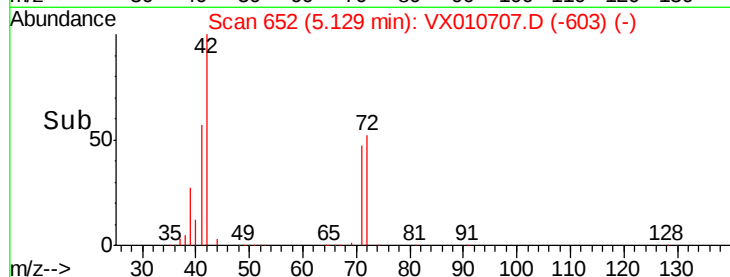
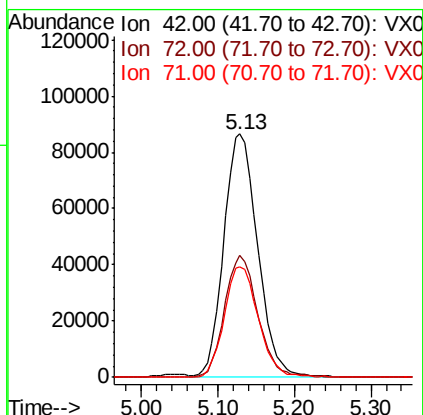
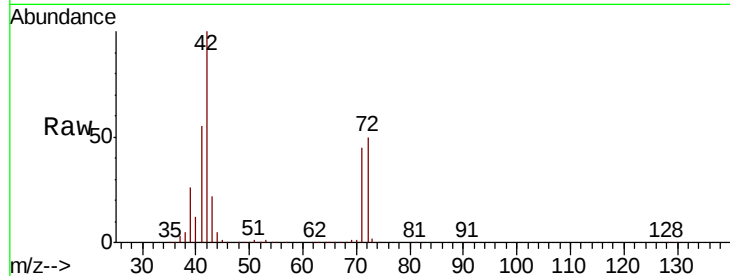
#29
Tetrahydrofuran
Concen: 265.399 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.9	40.6	60.8
71	46.1	37.8	56.8

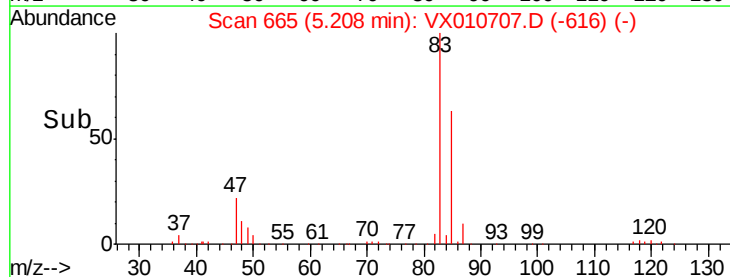
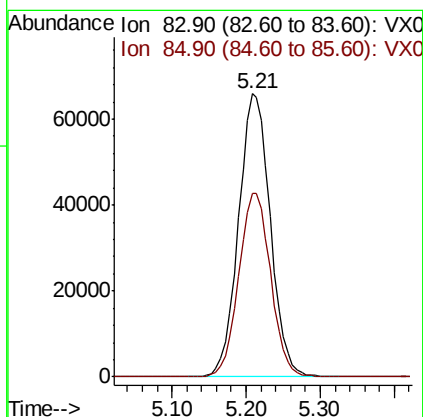
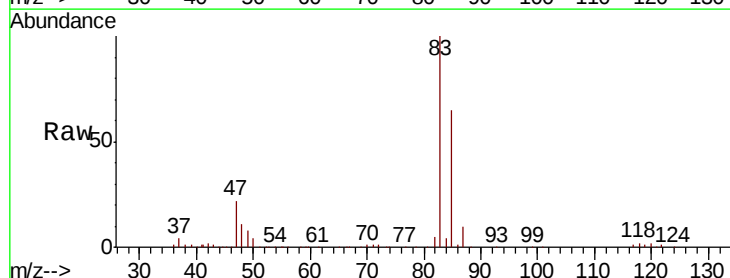
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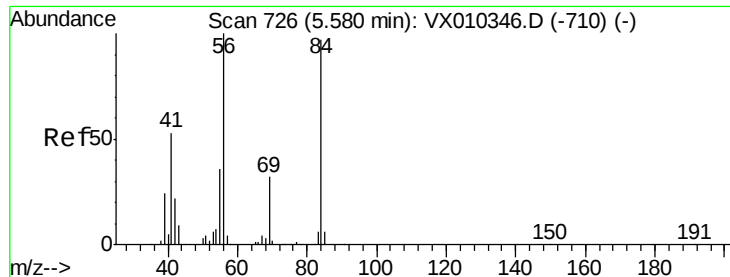
MMDadoda
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#30
Chloroform
Concen: 53.053 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.9	76.3





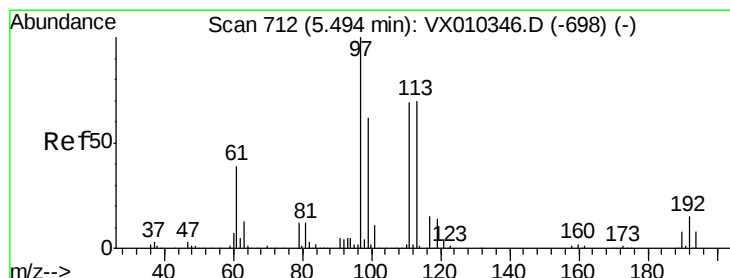
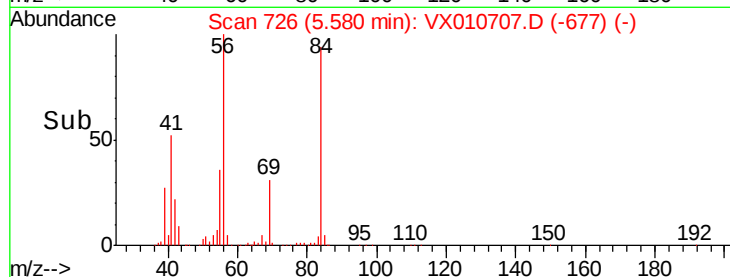
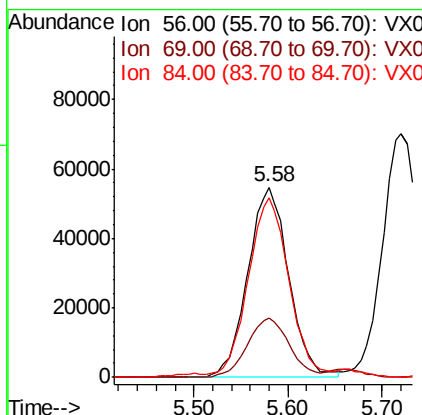
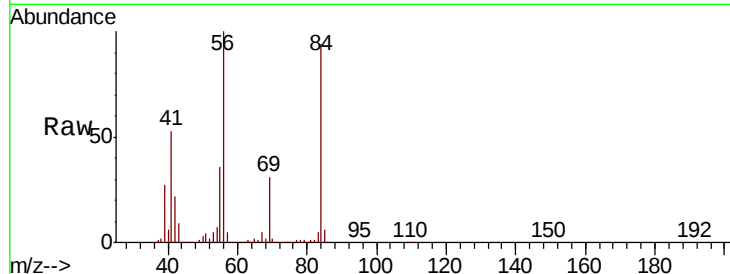
#31
Cyclohexane
Concen: 52.940 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.9	38.9
84	92.6	78.0	117.0

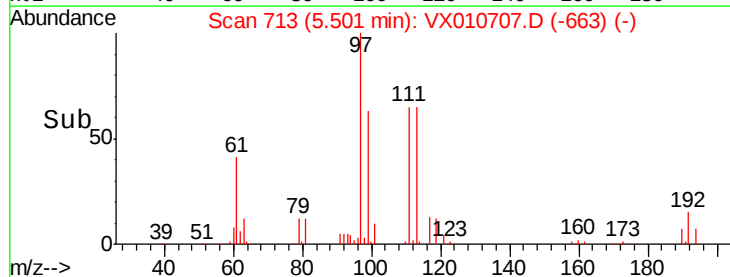
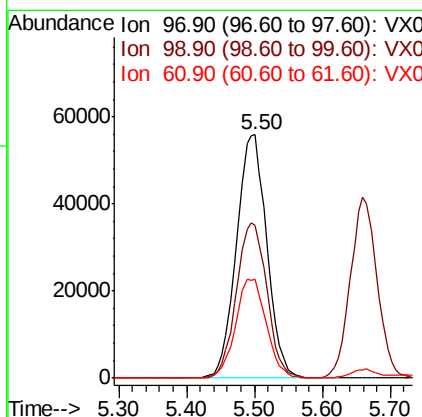
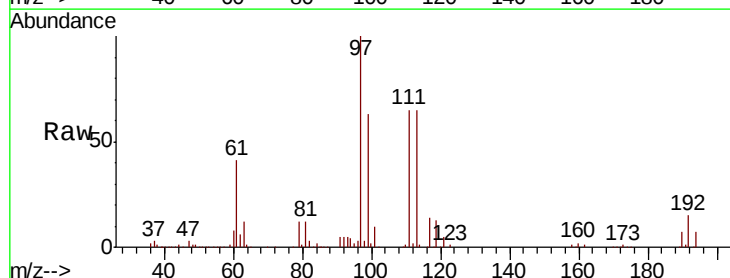
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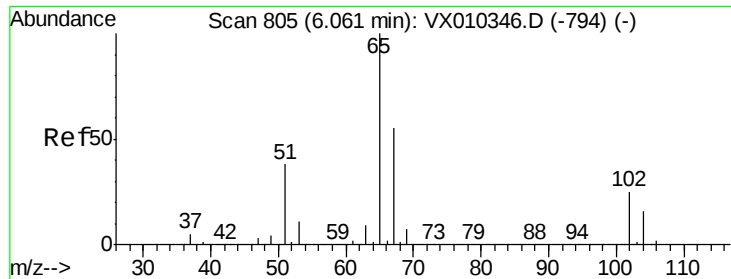
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#32
1,1,1-Trichloroethane
Concen: 52.918 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	41.3	32.1	48.1





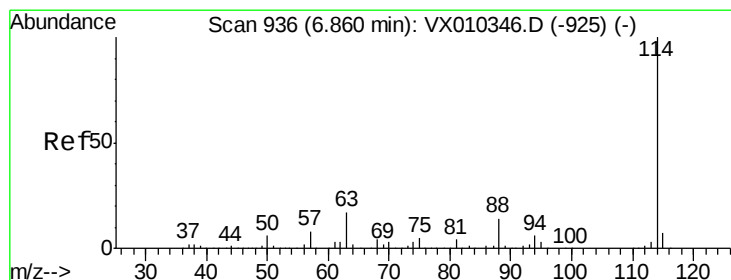
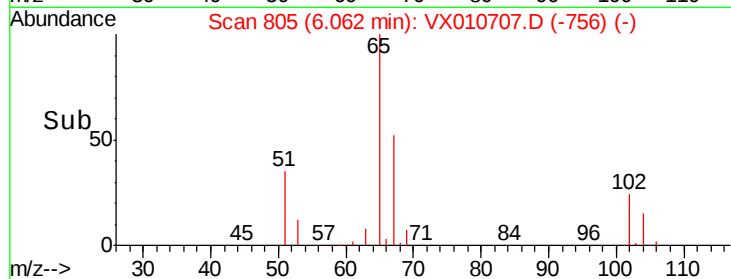
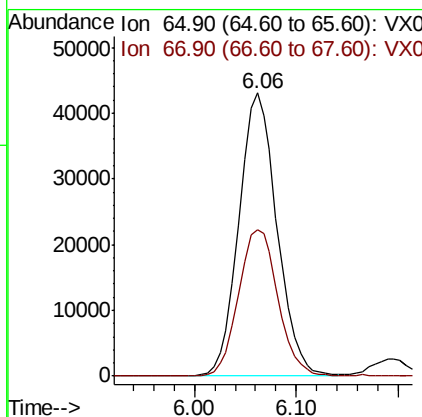
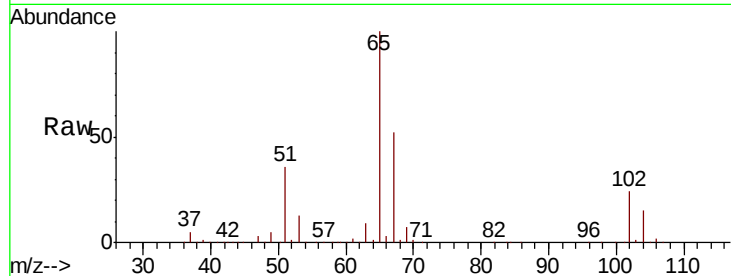
#33
 1,2-Dichloroethane-d4
 Concen: 51.406 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion: 65 Resp: 111756
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.2

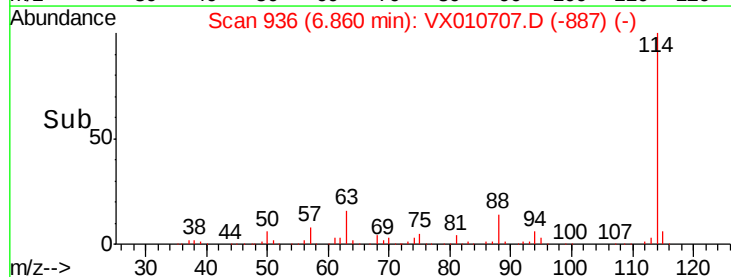
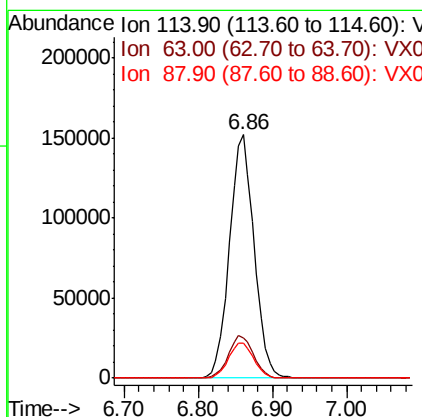
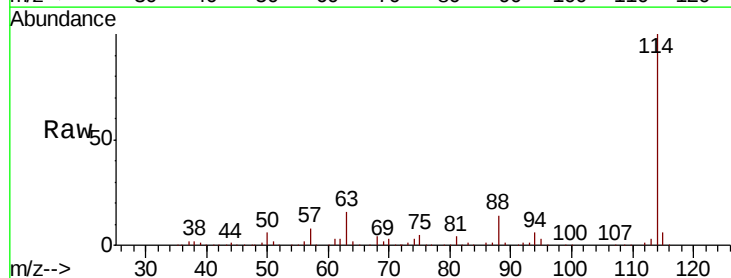
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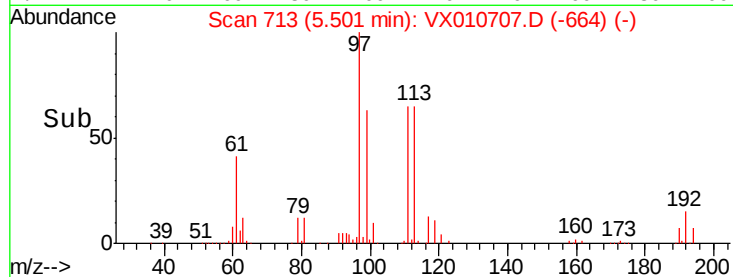
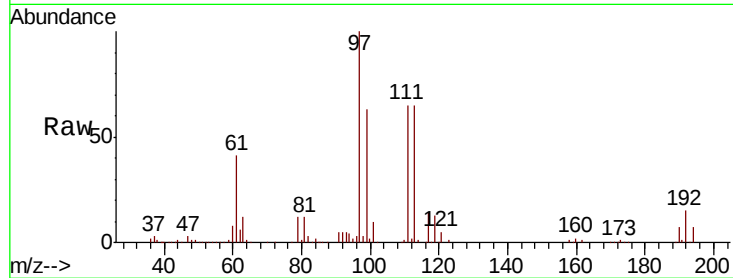
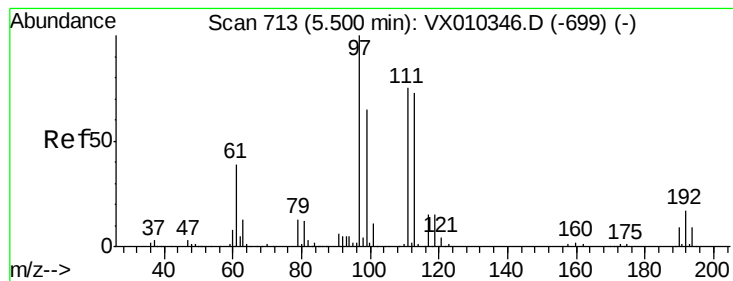
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 7/9/2019 11:12:29 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion: 114 Resp: 351069
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 33.8
 88 14.2 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.205 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion:	113	Resp:	103543
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.2	121.8
192	23.1	18.6	27.8

Instrument :

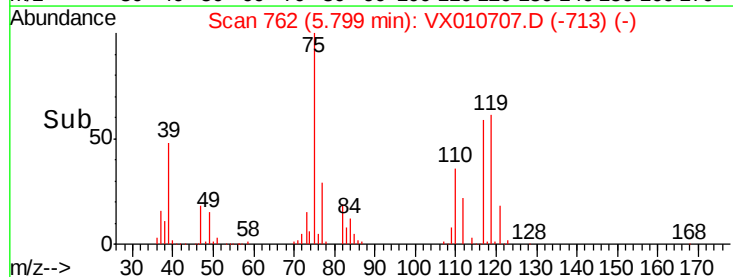
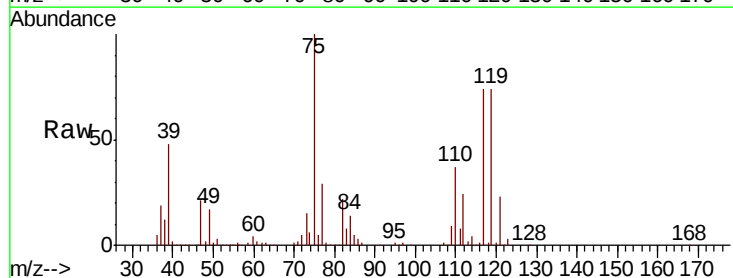
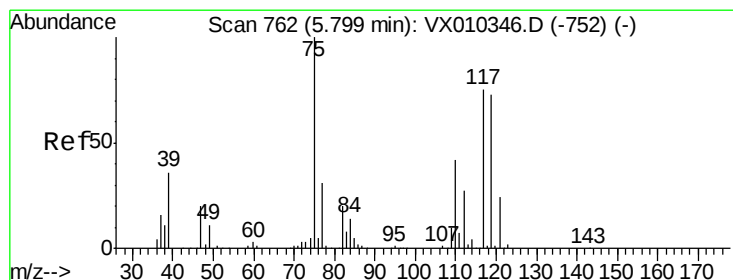
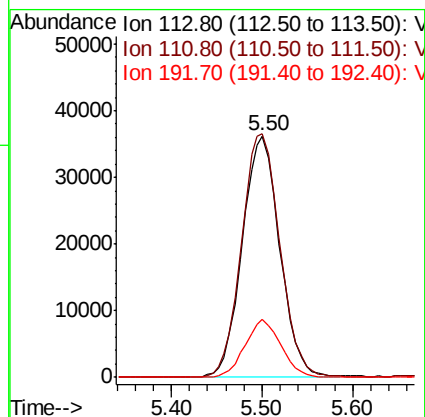
MSVOA_X

ClientSampleId :

SS038RW151-190702MS

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#36

1,1-Dichloropropene

Concen: 50.757 ug/l

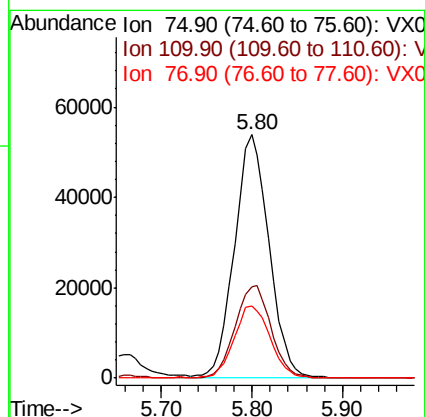
RT: 5.80 min Scan# 762

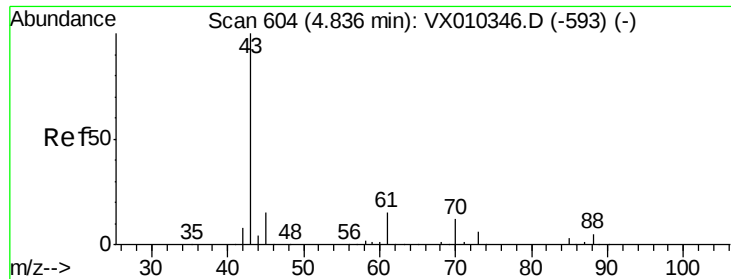
Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion:	75	Resp:	141602
Ion Ratio	Lower	Upper	
75	100		
110	39.8	20.8	62.2
77	31.3	25.4	38.0





#37

Ethyl Acetate

Concen: 50.737 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

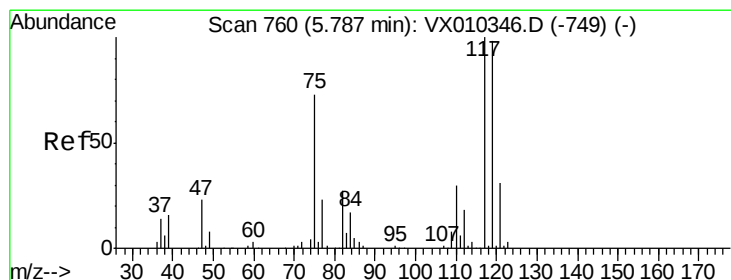
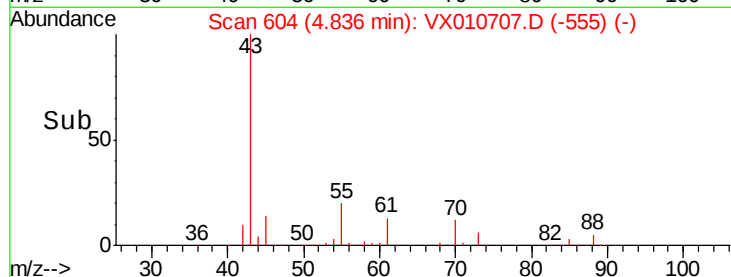
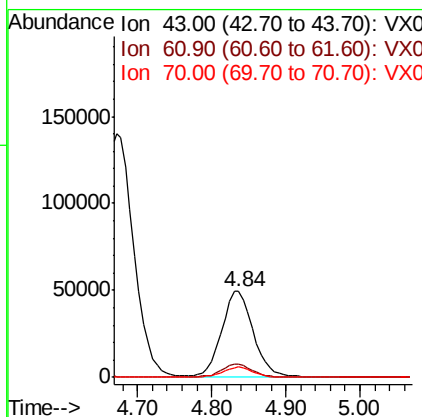
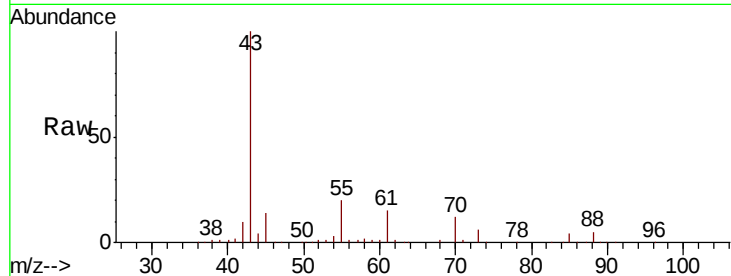
ClientSampleId :

SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.4	18.6
70	11.6	9.8	14.8

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#38

Carbon Tetrachloride

Concen: 50.485 ug/l

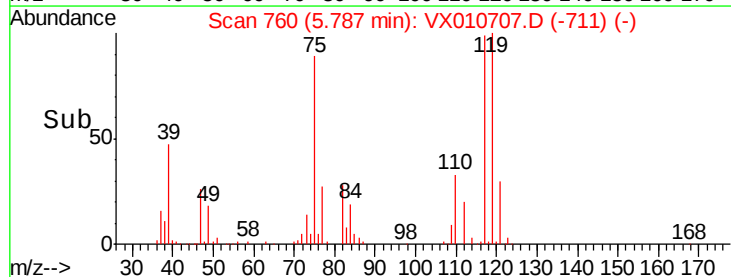
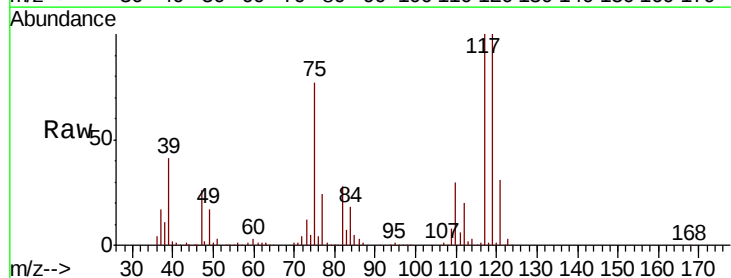
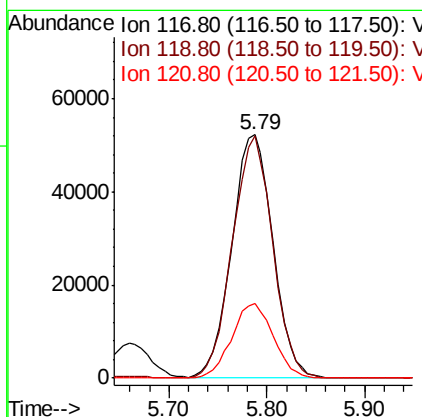
RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	78.2	117.4
121	30.6	24.7	37.1





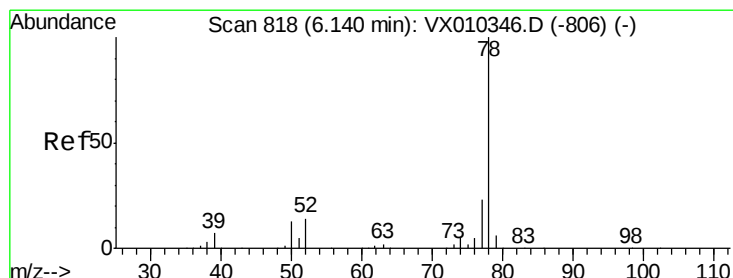
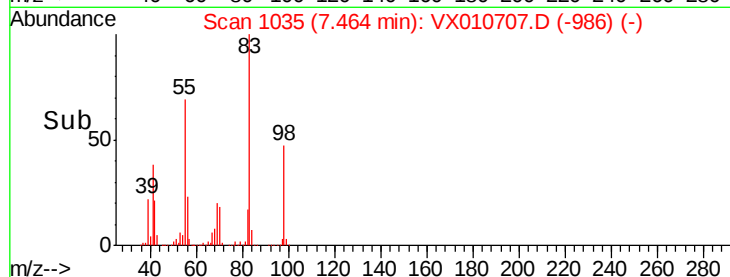
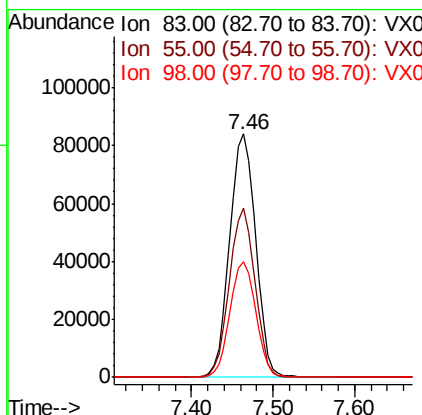
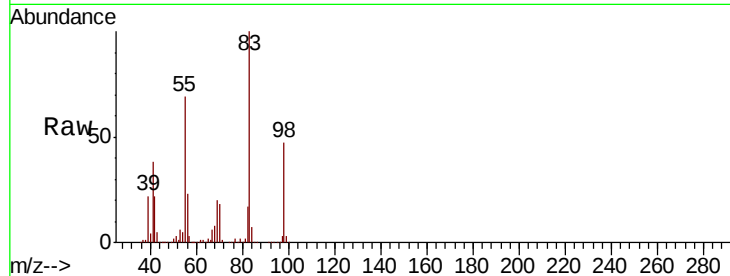
#39
Methylcyclohexane
Concen: 50.272 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.2	53.0	79.6
98	47.5	37.8	56.8

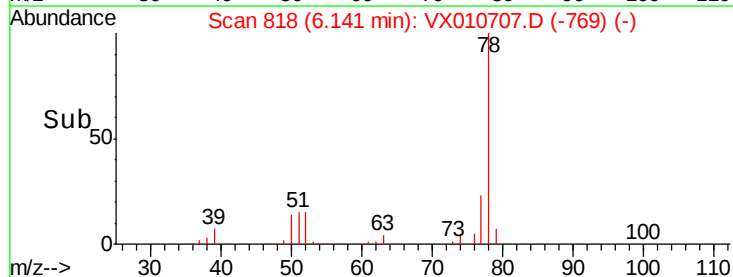
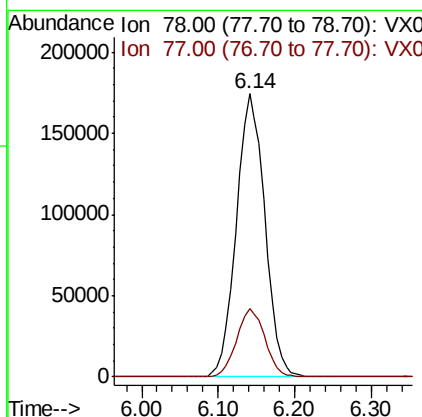
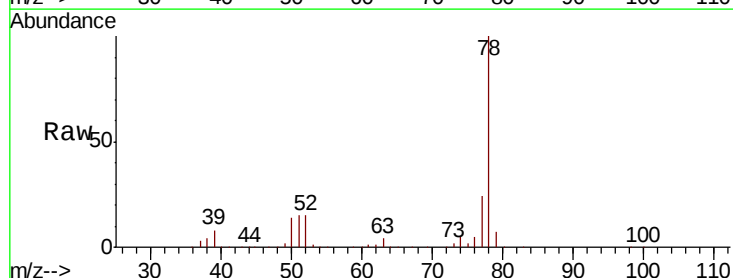
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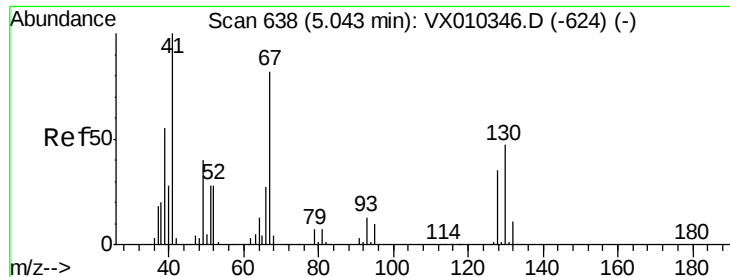
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#40
Benzene
Concen: 51.714 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	28.0





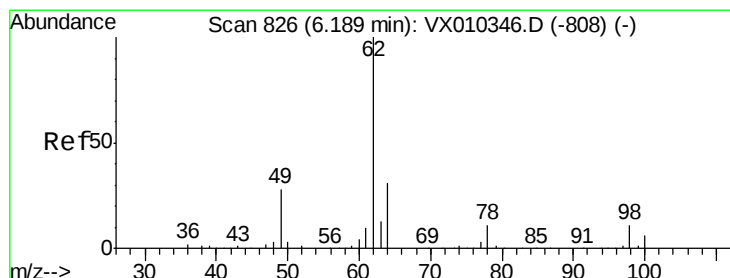
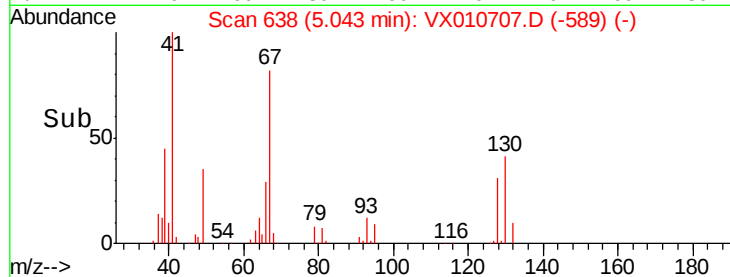
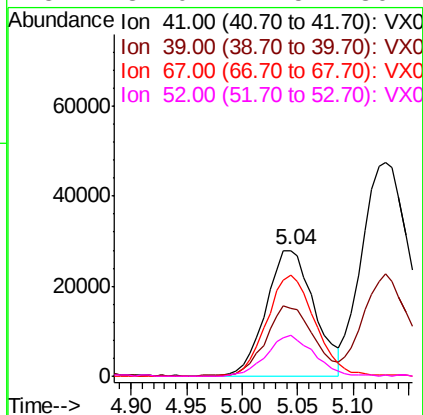
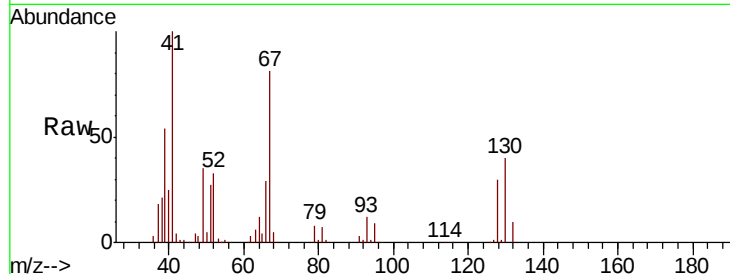
#41
Methacrylonitrile
Concen: 53.593 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	43.8	65.8	
67	80.4	66.6	100.0	
52	31.0	24.5	36.7	

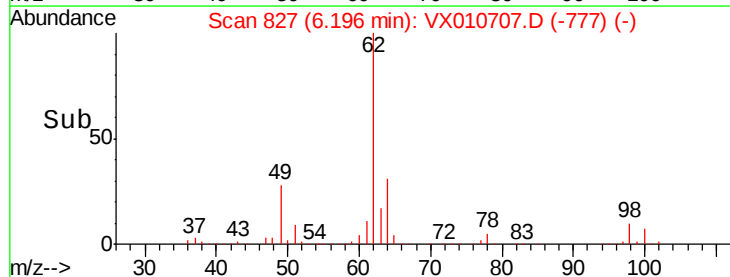
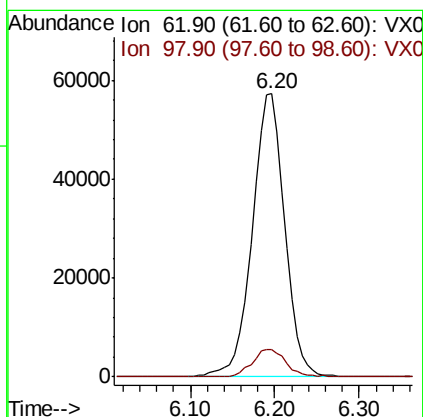
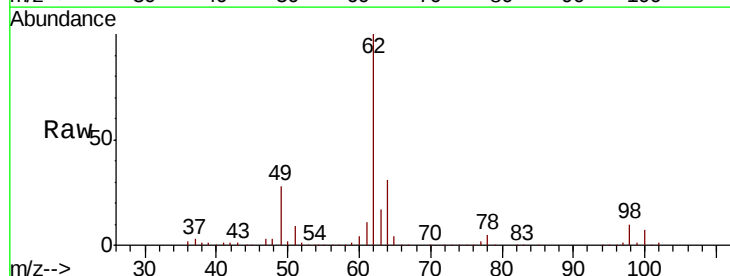
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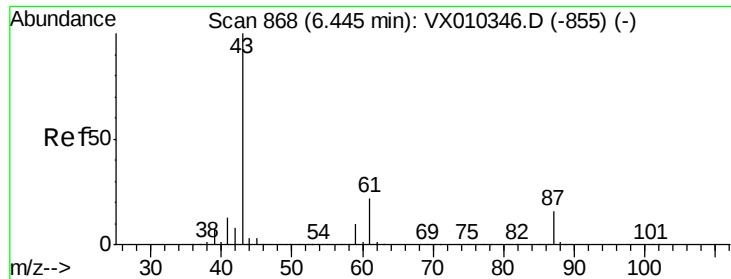
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#42
1,2-Dichloroethane
Concen: 56.893 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	22.2	





#43

Isopropyl Acetate

Concen: 50.869 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

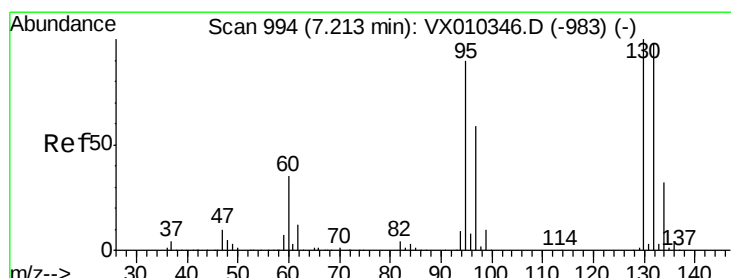
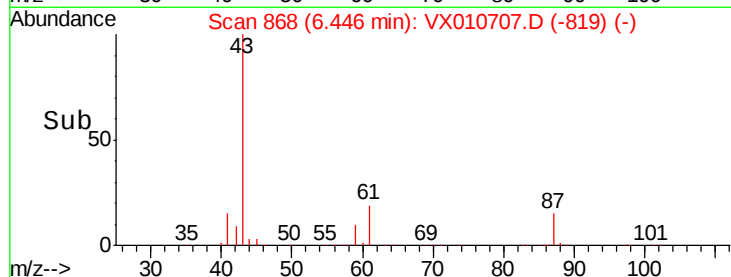
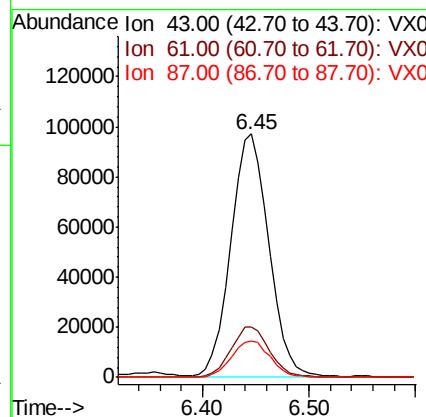
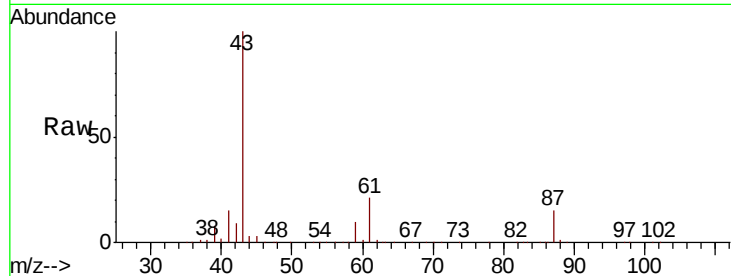
ClientSampleId :

SS038RW151-190702MS

Tgt Ion:	43	Resp:	241544
Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.8	26.6
87	15.4	13.0	19.4

Manual Integrations
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#44

Trichloroethene

Concen: 50.431 ug/l

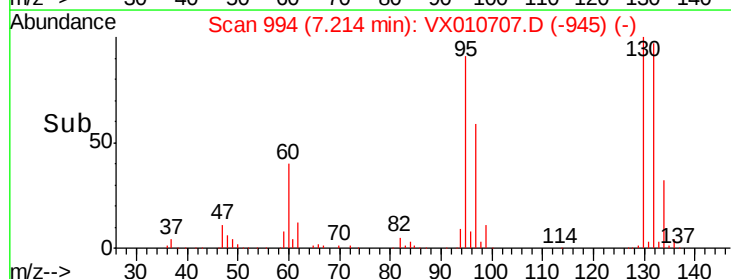
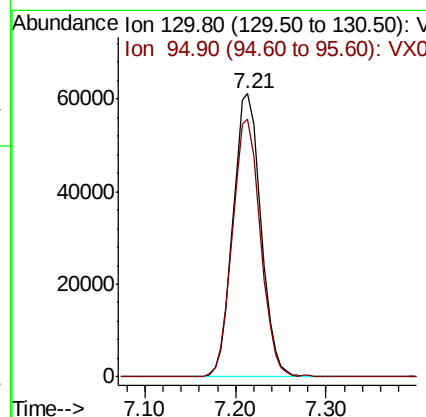
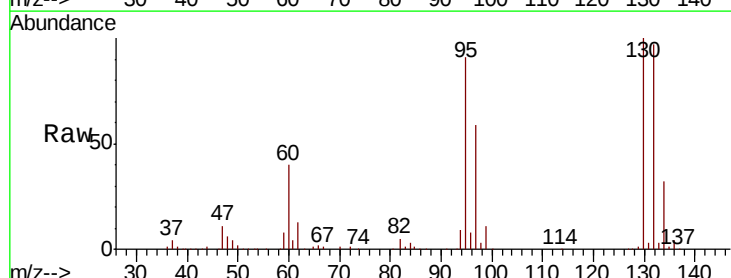
RT: 7.21 min Scan# 994

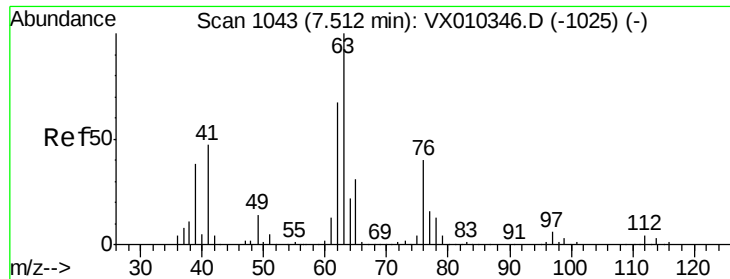
Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion:	130	Resp:	131157
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	180.8





#45

1,2-Dichloropropane

Concen: 51.460 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tgt Ion: 63 Resp: 112947

Ion Ratio Lower Upper

63 100

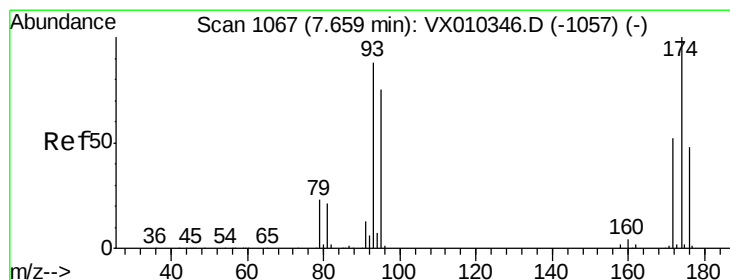
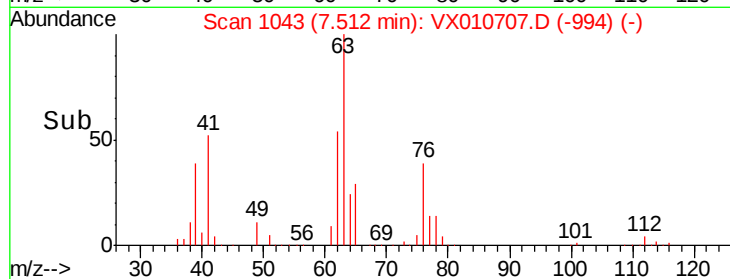
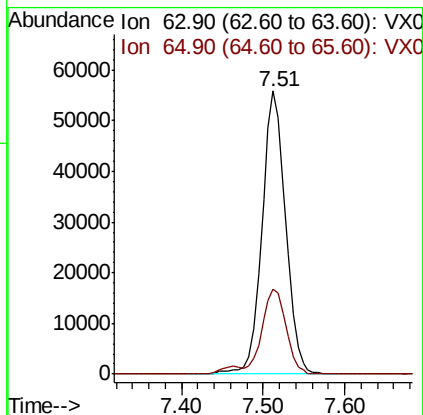
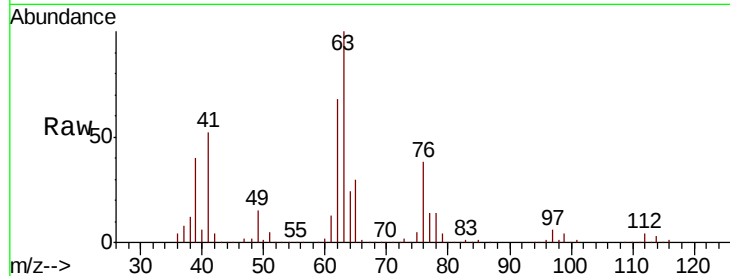
65 30.0 24.8 37.2

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#46

Dibromomethane

Concen: 52.053 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

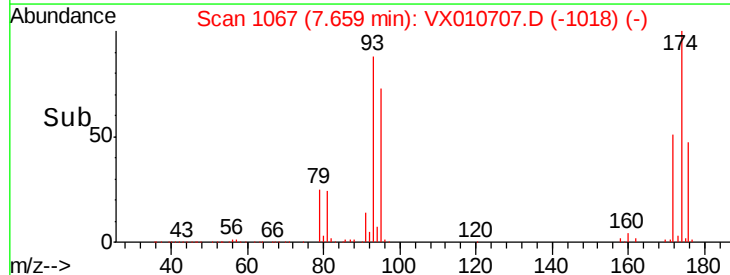
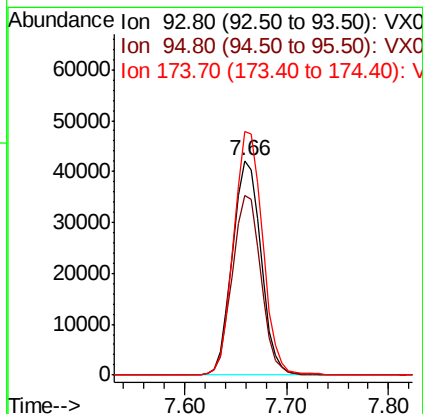
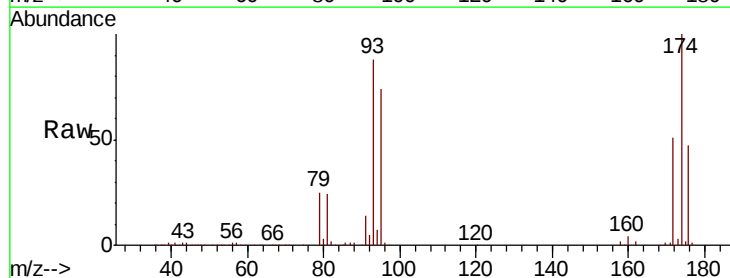
Tgt Ion: 93 Resp: 81970

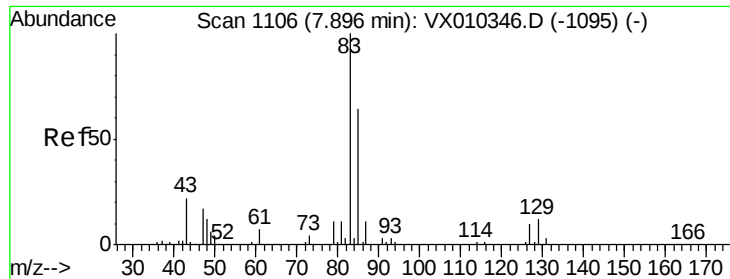
Ion Ratio Lower Upper

93 100

95 84.1 67.5 101.3

174 114.7 95.8 143.6





#47

Bromodichloromethane

Concen: 51.172 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

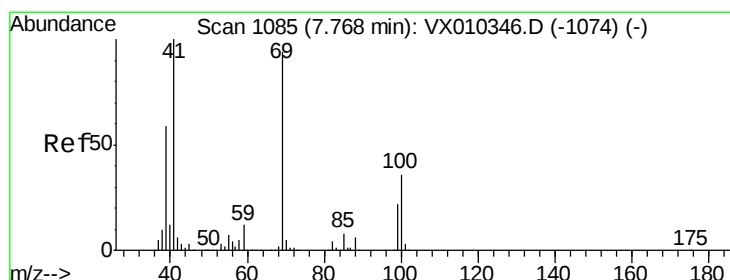
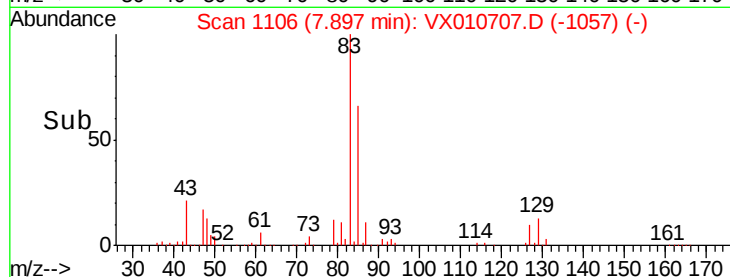
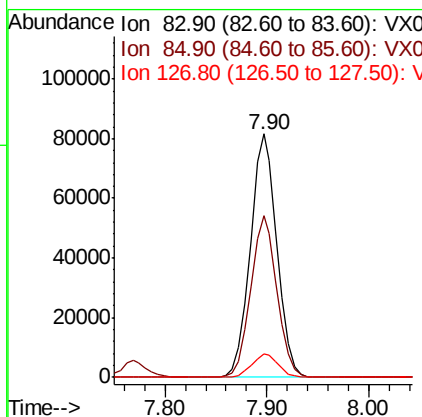
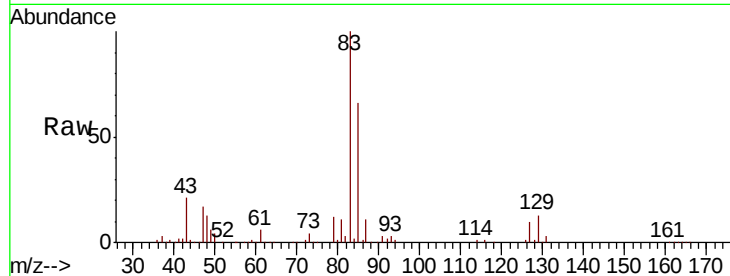
ClientSampleId :

SS038RW151-190702MS

Tgt Ion:	83	Resp:	147679
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.5	77.3
127	9.7	7.8	11.8

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#48

Methyl methacrylate

Concen: 55.018 ug/l

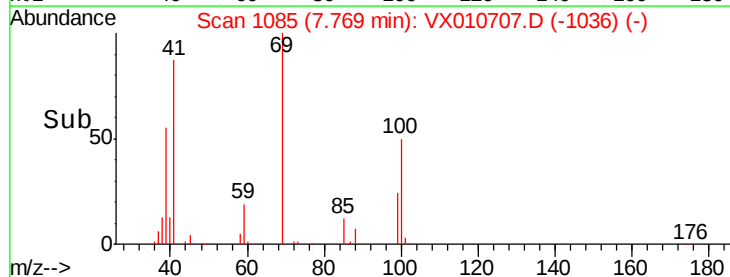
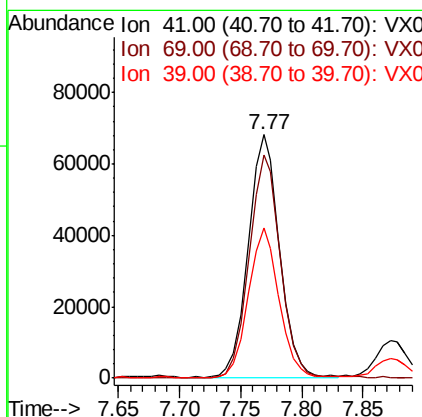
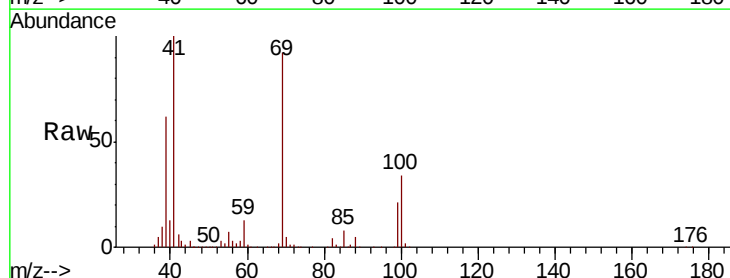
RT: 7.77 min Scan# 1085

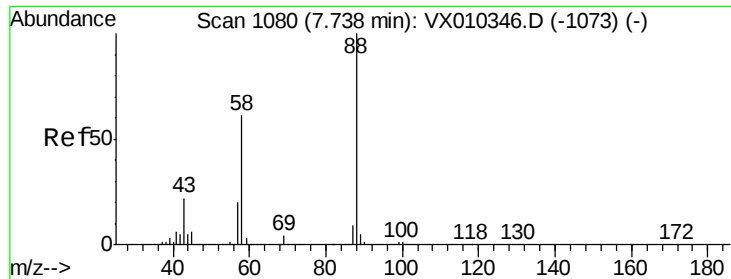
Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion:	41	Resp:	121431
Ion	Ratio	Lower	Upper
41	100		
69	92.2	76.1	114.1
39	60.3	47.6	71.4





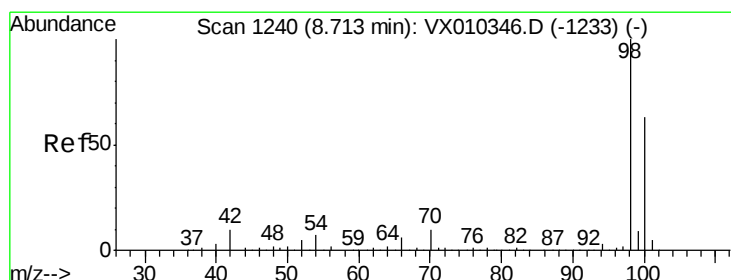
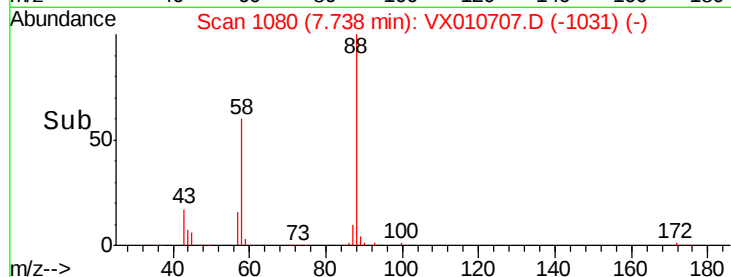
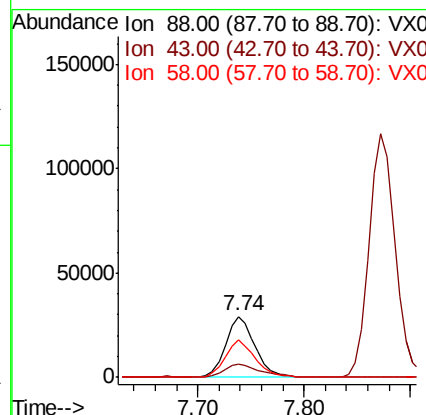
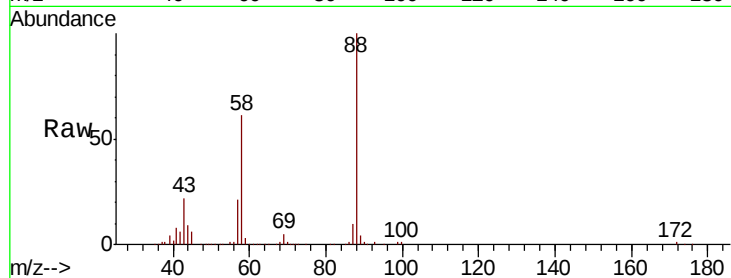
#49
1,4-Dioxane
Concen: 873.115 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	26.7	20.2	30.2
58	62.0	49.5	74.3

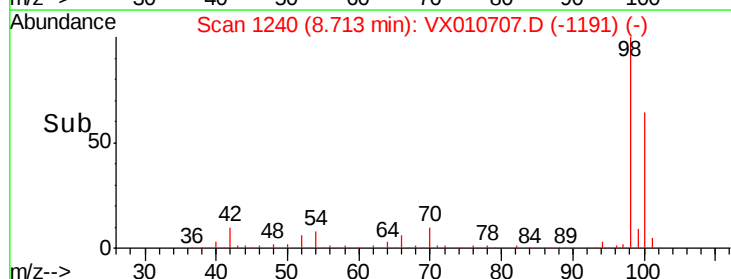
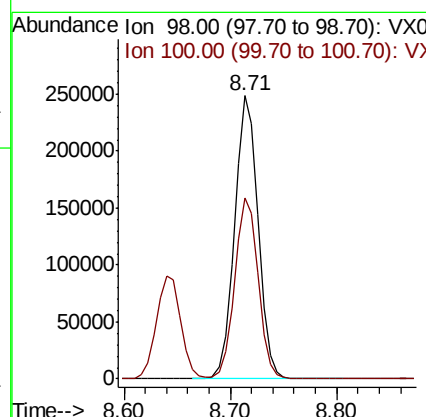
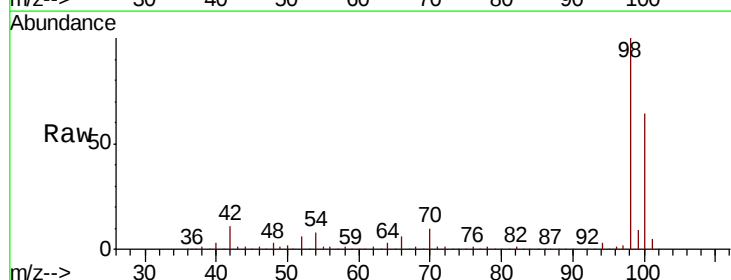
Manual Integrations
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#50
Toluene-d8
Concen: 46.714 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





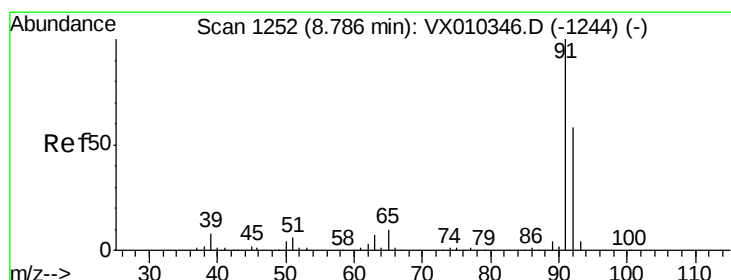
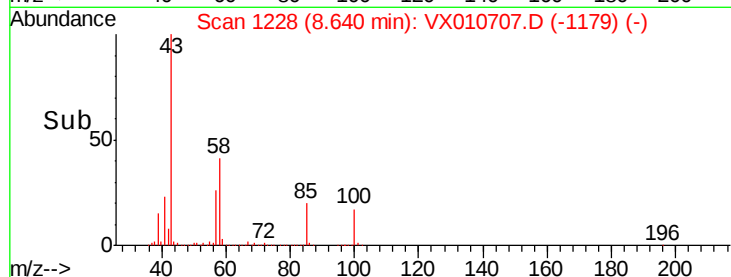
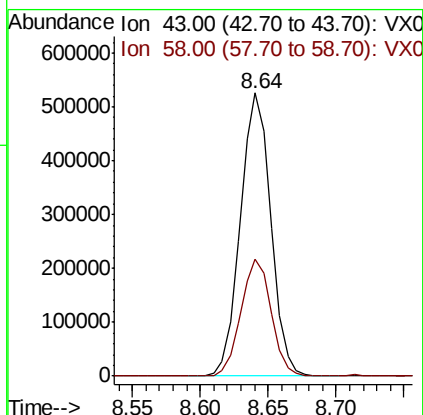
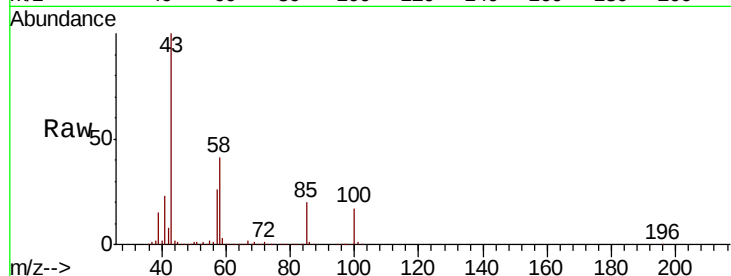
#51
4-Methyl-2-Pentanone
Concen: 270.683 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion: 43 Resp: 822034
Ion Ratio Lower Upper
43 100
58 40.9 33.5 50.3

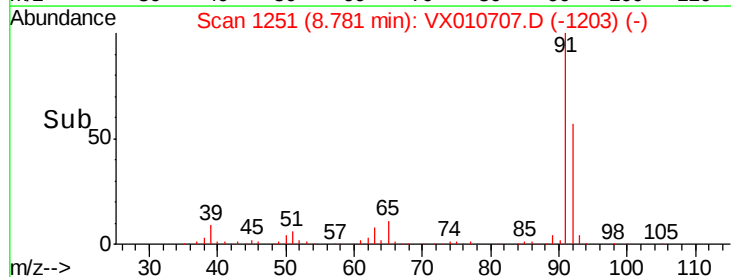
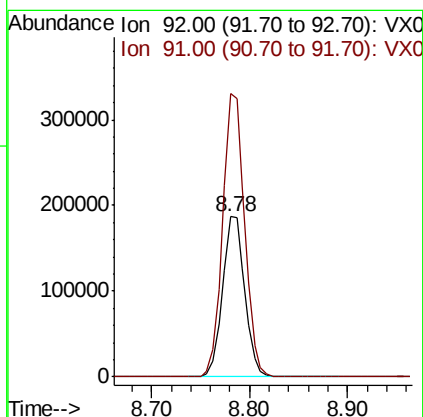
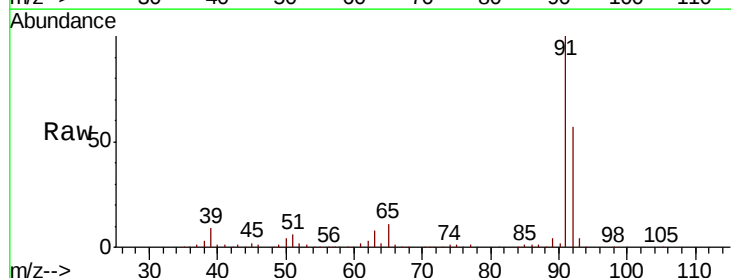
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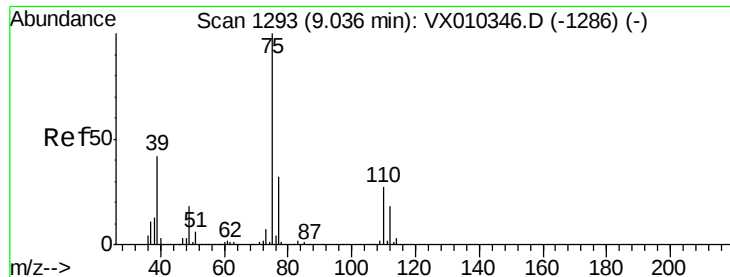
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#52
Toluene
Concen: 51.129 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 92 Resp: 292644
Ion Ratio Lower Upper
92 100
91 175.3 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 49.533 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tgt Ion: 75 Resp: 160264

Ion Ratio Lower Upper

75 100

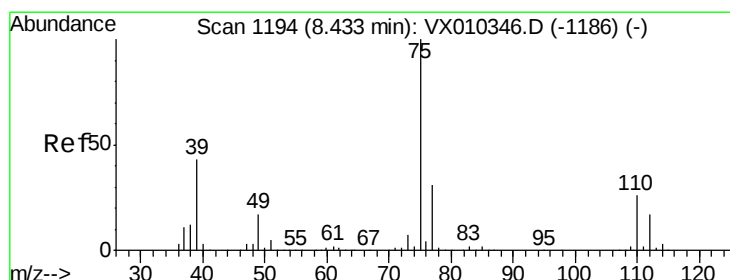
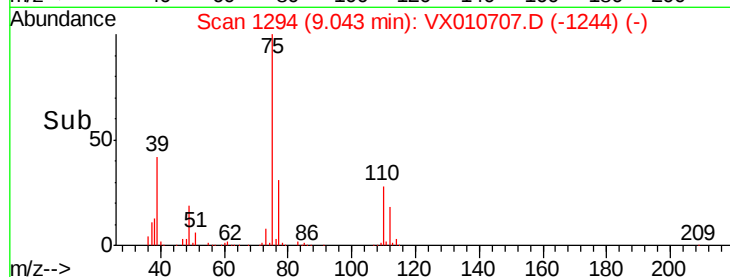
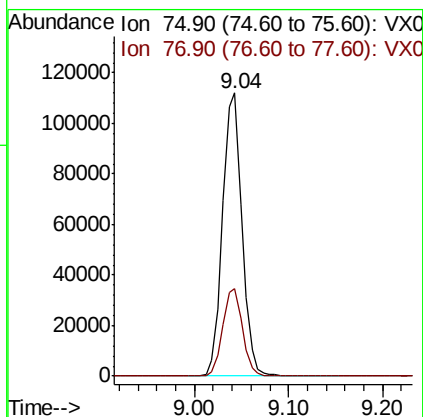
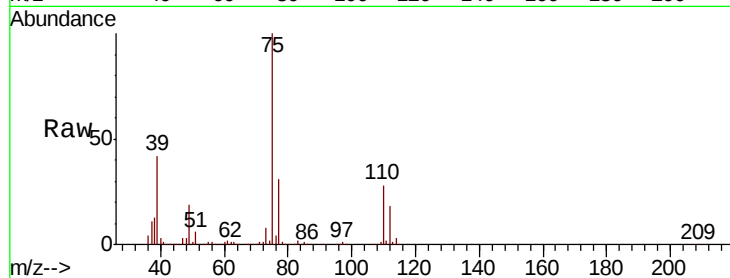
77 30.8 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.173 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

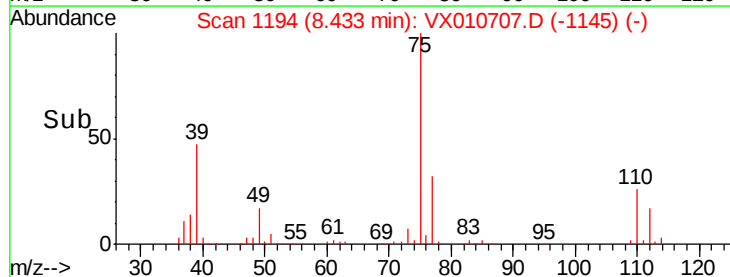
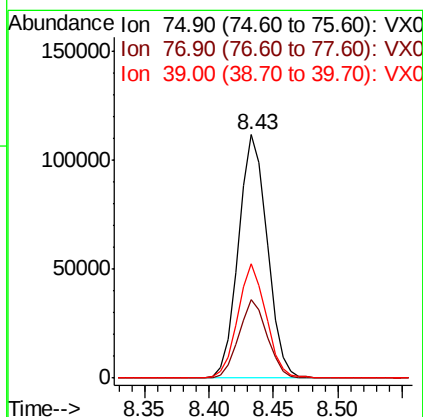
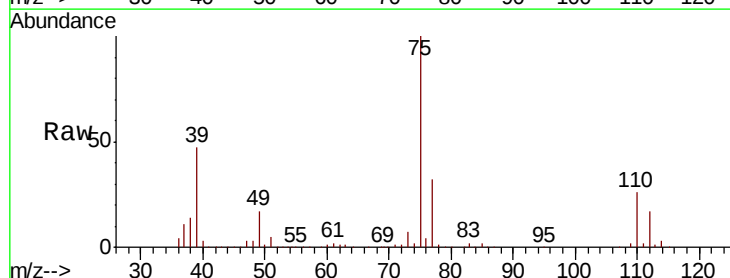
Tgt Ion: 75 Resp: 172896

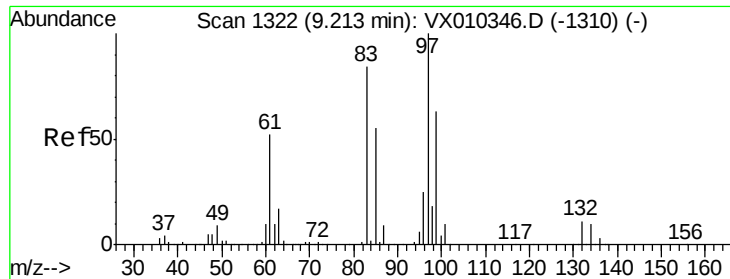
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

39 46.8 34.5 51.7





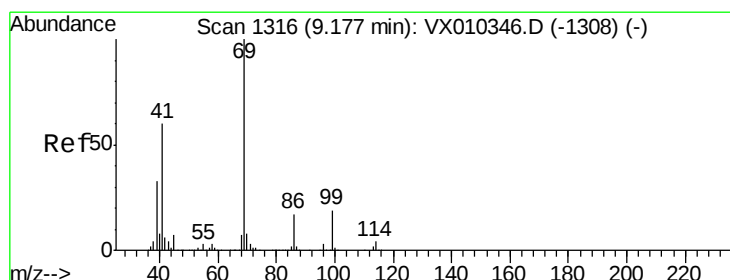
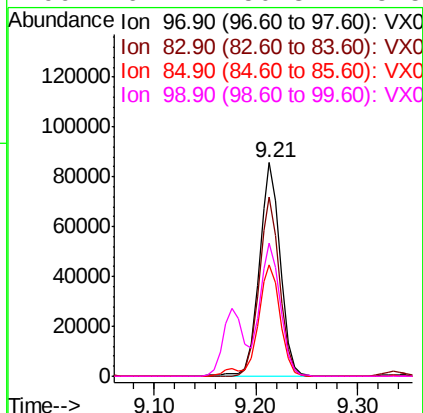
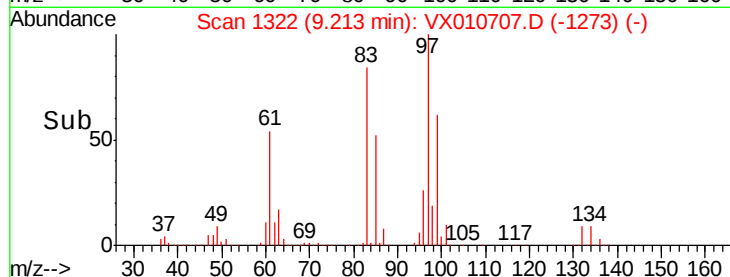
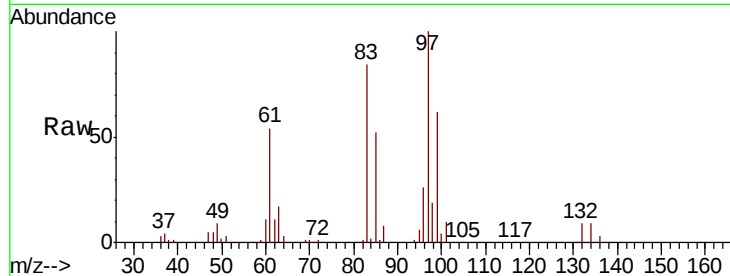
#55
 1,1,2-Trichloroethane
 Concen: 52.427 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	123757		
83	83.7	67.4	101.0	
85	51.9	43.8	65.8	
99	62.4	50.3	75.5	

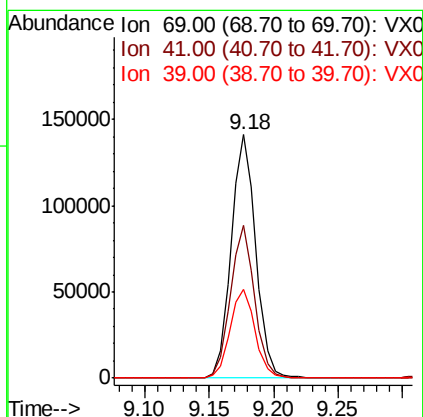
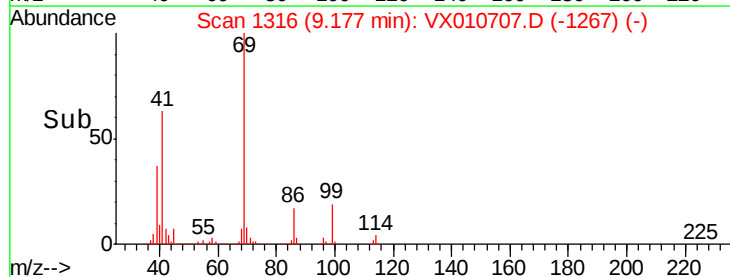
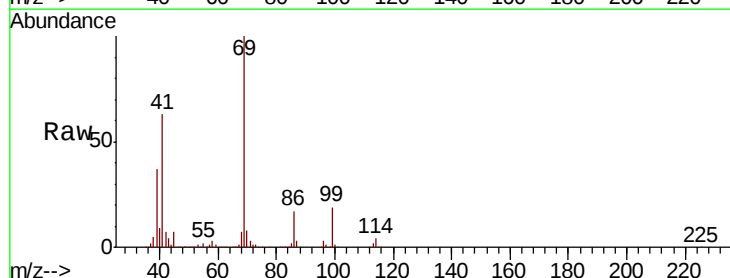
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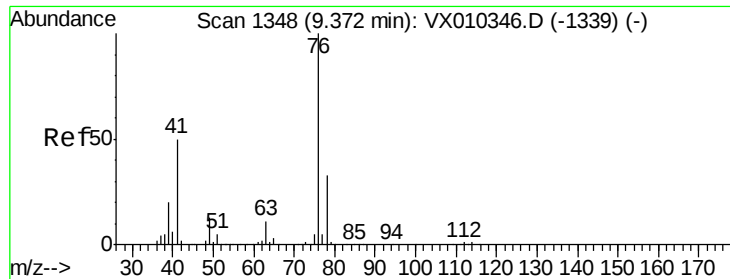
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#56
 Ethyl methacrylate
 Concen: 52.721 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	188527		
41	61.3	47.1	70.7	
39	36.8	26.6	40.0	





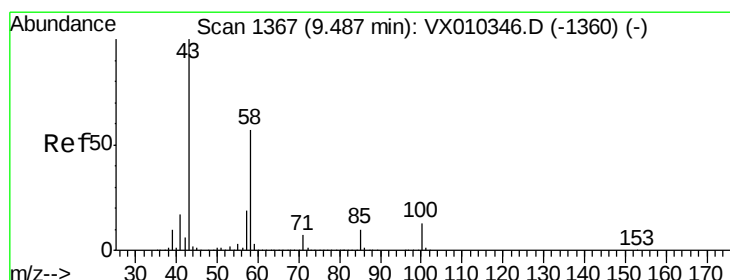
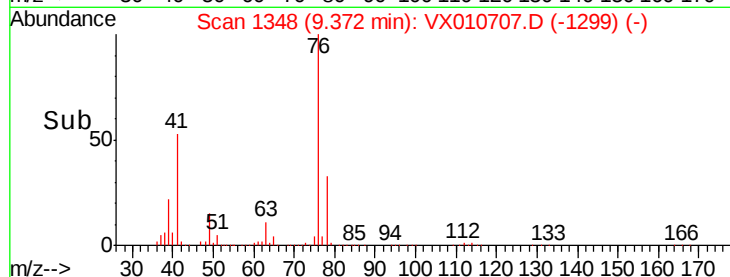
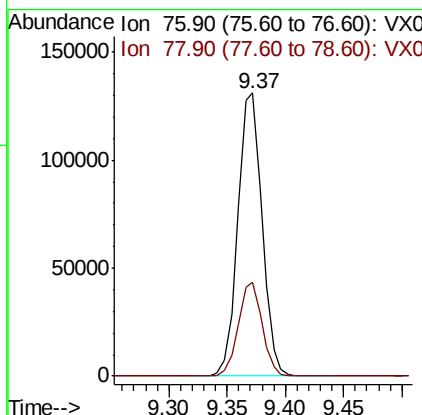
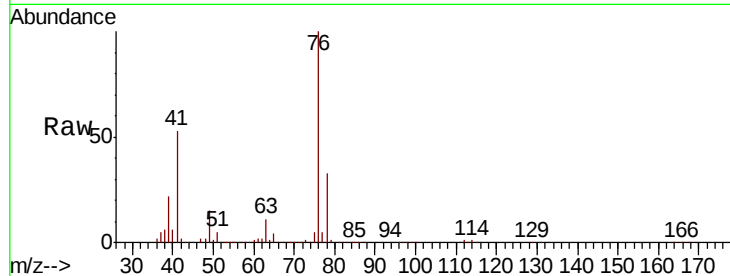
#57
 1,3-Dichloropropane
 Concen: 52.137 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion: 76 Resp: 191045
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1

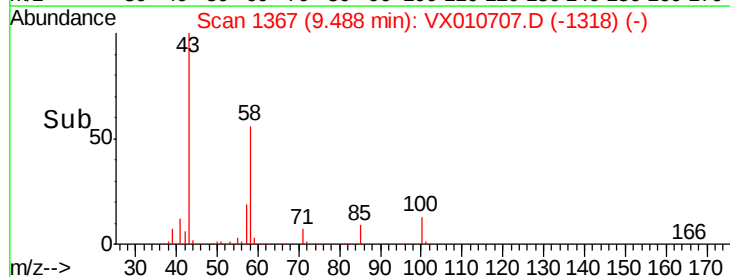
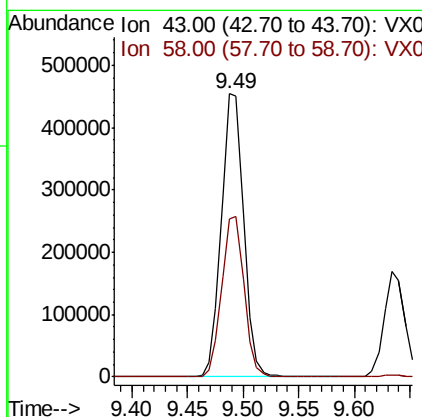
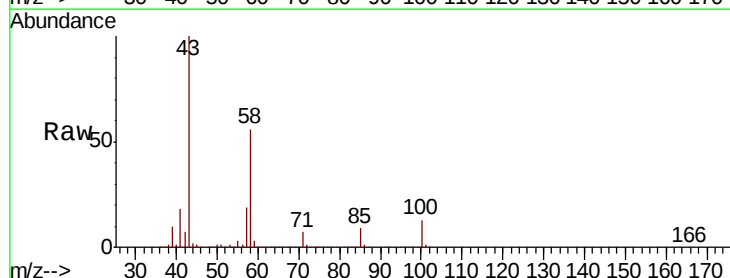
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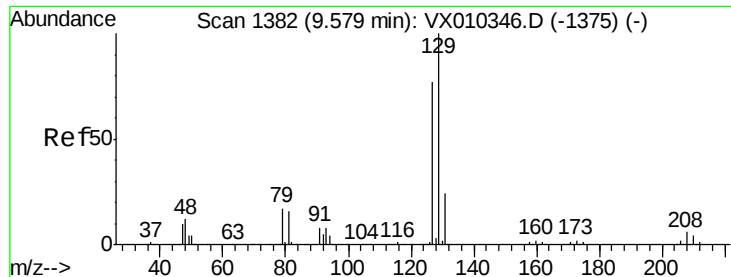
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#59
 2-Hexanone
 Concen: 264.767 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion: 43 Resp: 632831
 Ion Ratio Lower Upper
 43 100
 58 57.0 29.0 87.1





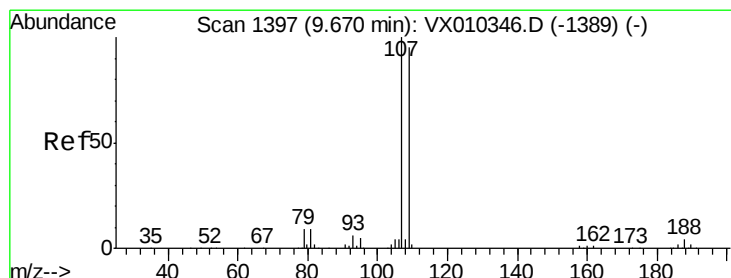
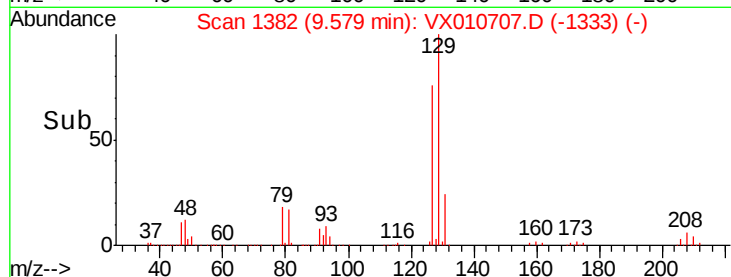
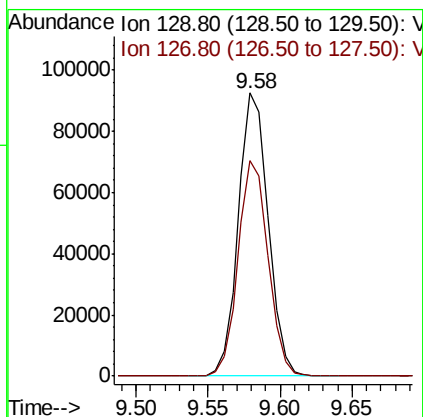
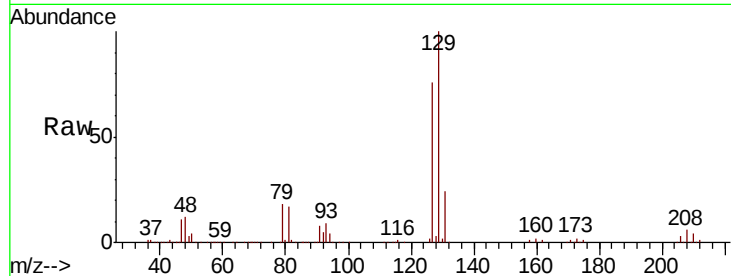
#60
 Dibromochloromethane
 Concen: 50.453 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion:129 Resp: 133349
 Ion Ratio Lower Upper
 129 100
 127 76.3 38.4 115.1

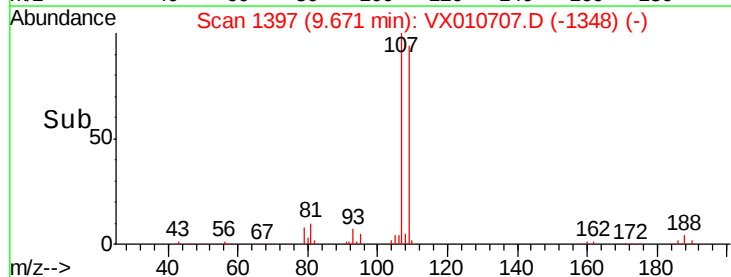
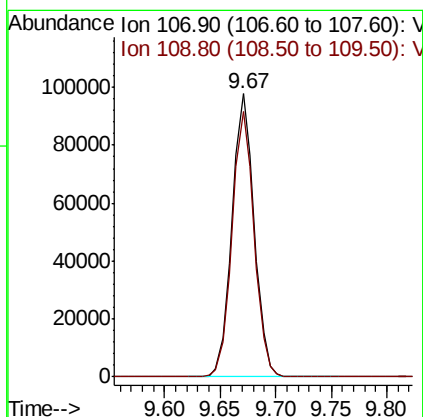
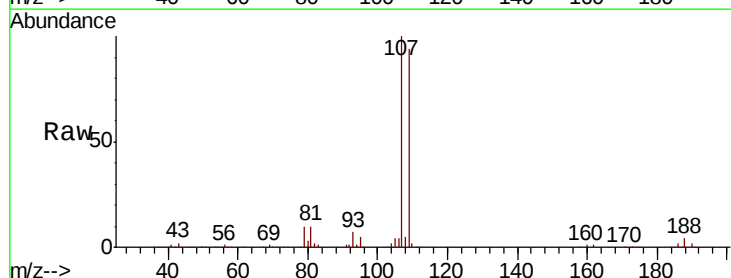
Manual Integrations
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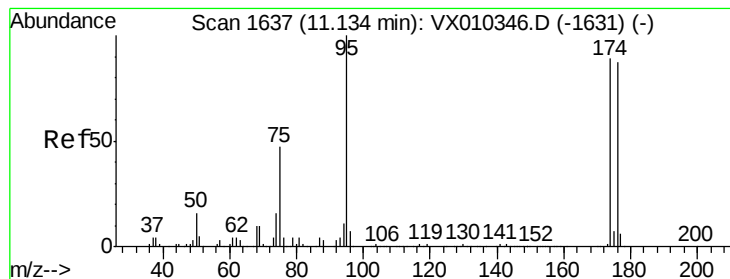
MMDadoda
 7/9/2019 11:12:29 AM



#61
 1,2-Dibromoethane
 Concen: 52.826 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion:107 Resp: 134597
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 49.259 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tgt Ion: 95 Resp: 146142

Ion Ratio Lower Upper

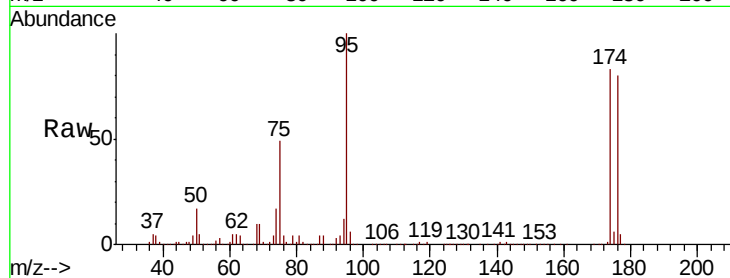
95 100

174 92.1 0.0 187.6

176 87.7 0.0 184.0

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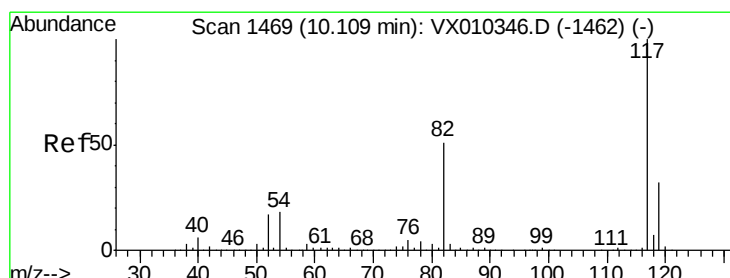
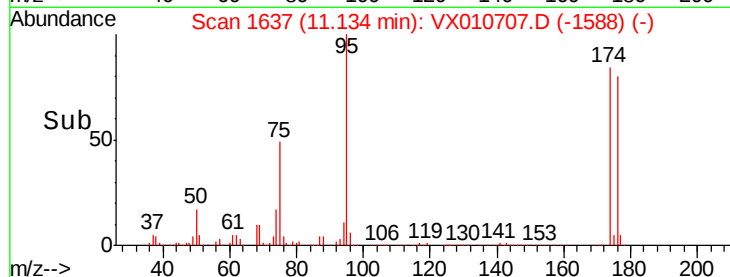
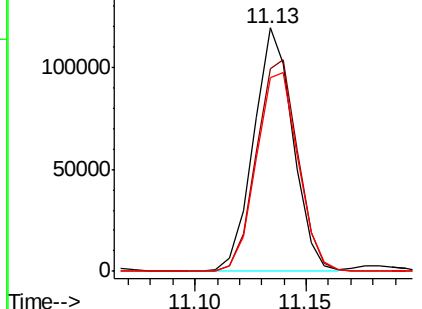
MMDadoda
7/9/2019 11:12:29 AM



Abundance Ion 94.90 (94.60 to 95.60): VX010707.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010707.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010707.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

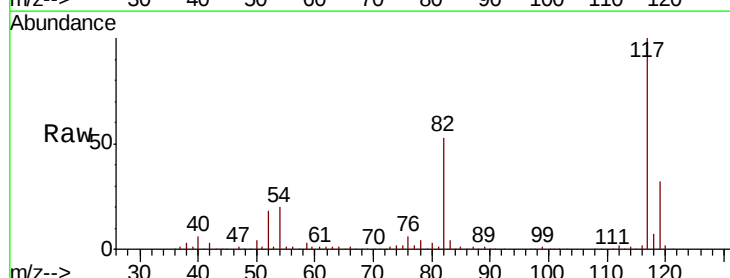
Tgt Ion: 117 Resp: 324702

Ion Ratio Lower Upper

117 100

82 53.4 41.2 61.8

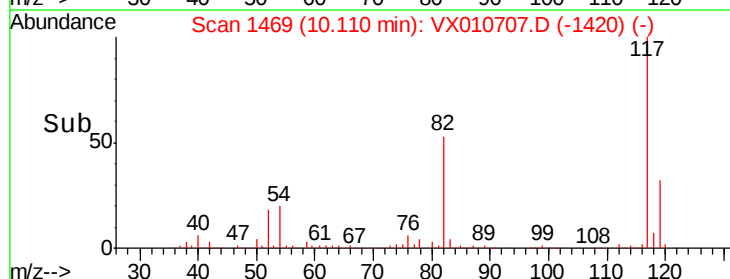
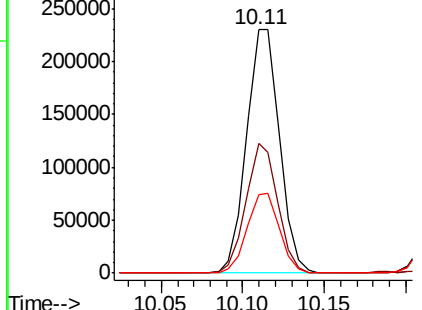
119 32.3 25.5 38.3

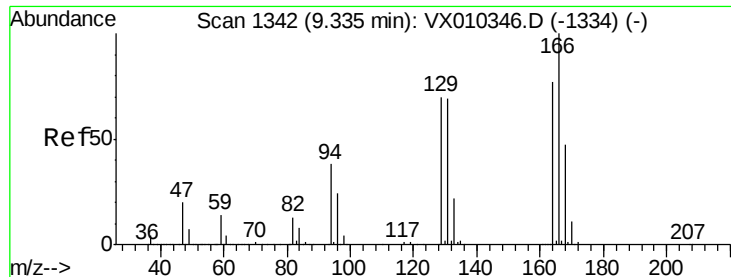


Abundance Ion 116.90 (116.60 to 117.60): VX010707.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010707.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010707.D (-1420) (-)





#64

Tetrachloroethene

Concen: 47.061 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

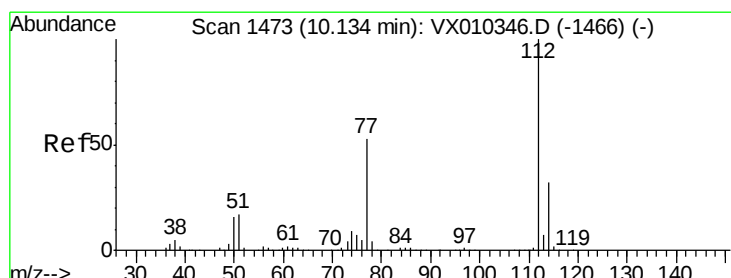
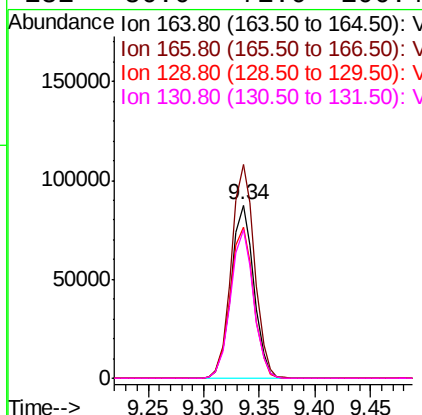
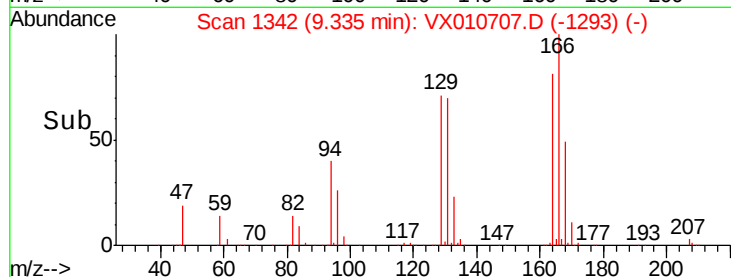
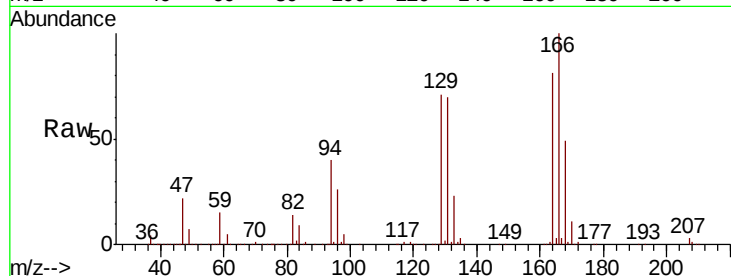
ClientSampleId :

SS038RW151-190702MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	123.1	103.6	155.4	
129	87.4	73.0	109.4	
131	86.0	71.0	106.4	

Manual Integrations
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#65

Chlorobenzene

Concen: 130.845 ug/l

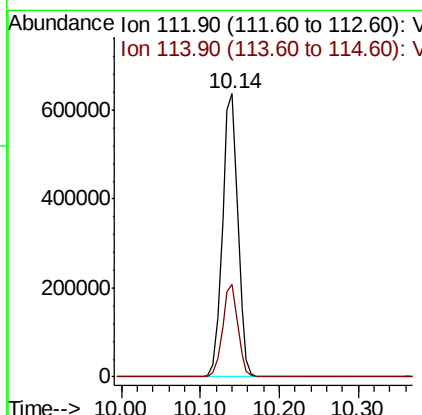
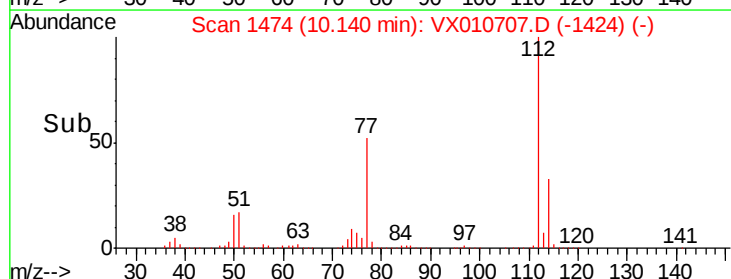
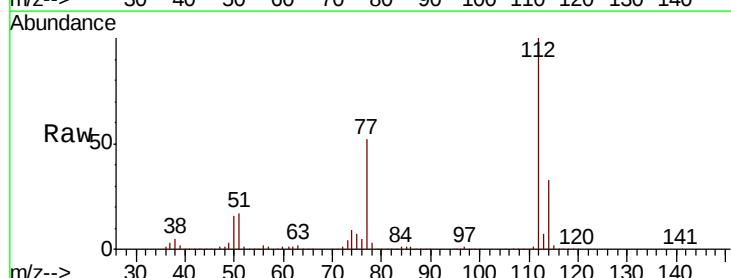
RT: 10.14 min Scan# 1474

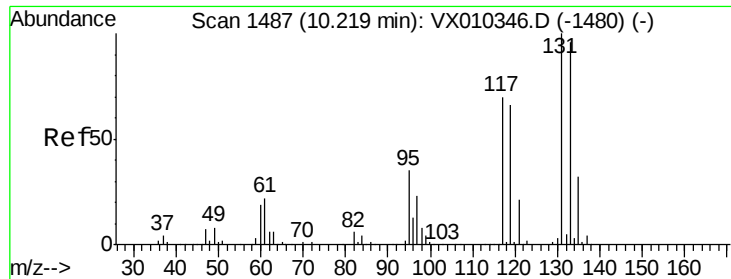
Delta R.T. 0.01 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.6	25.4	38.2	





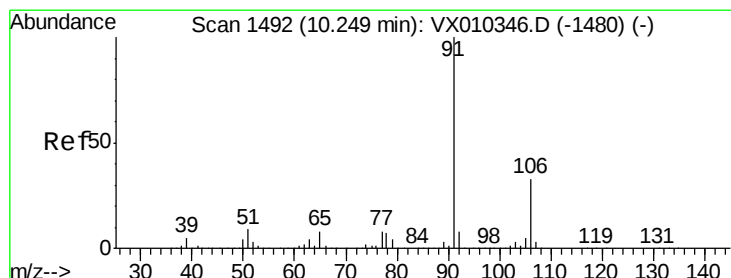
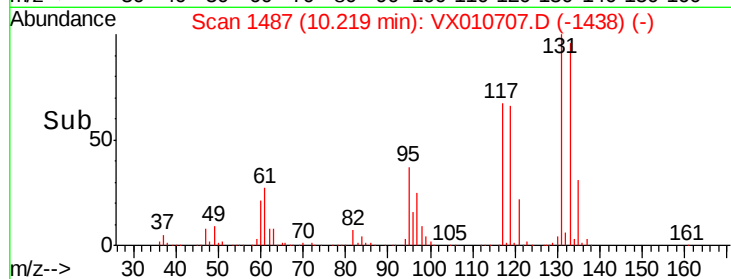
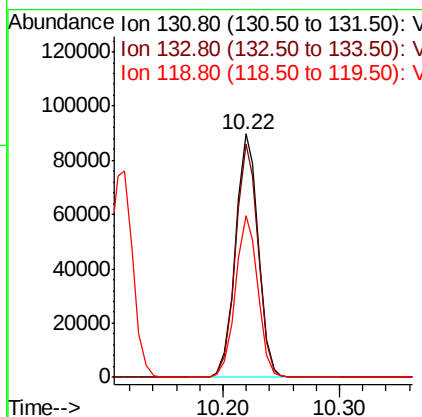
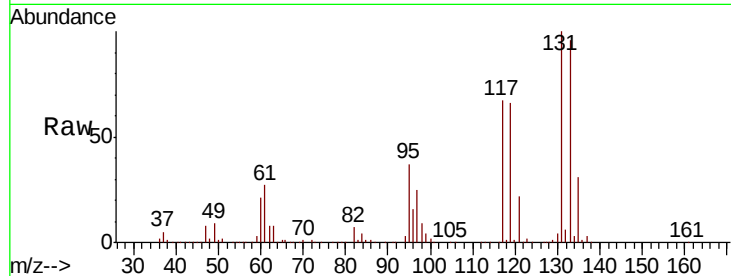
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.969 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.7	143.1
119	65.0	32.6	97.7

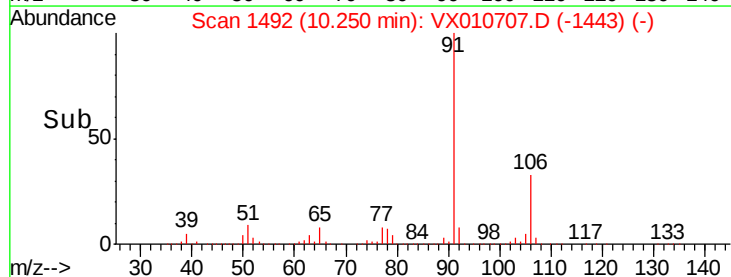
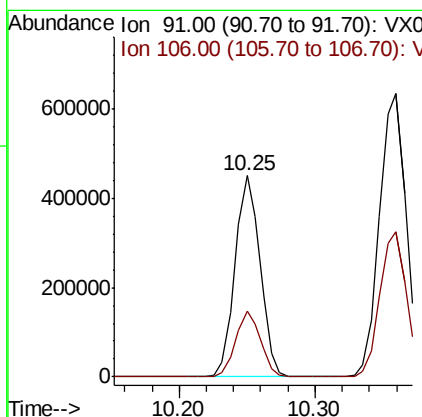
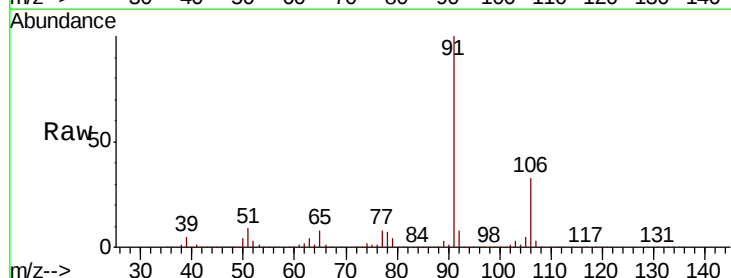
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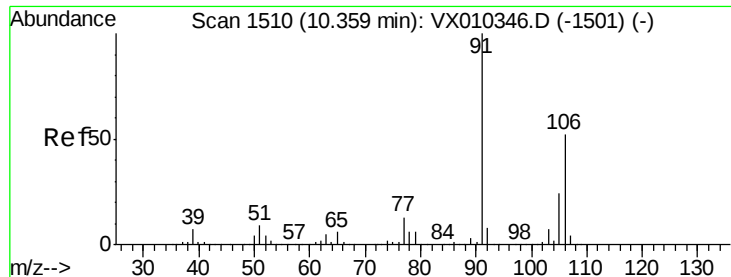
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 7/9/2019 11:12:29 AM



#67
 Ethyl Benzene
 Concen: 52.052 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.6	26.2	39.2





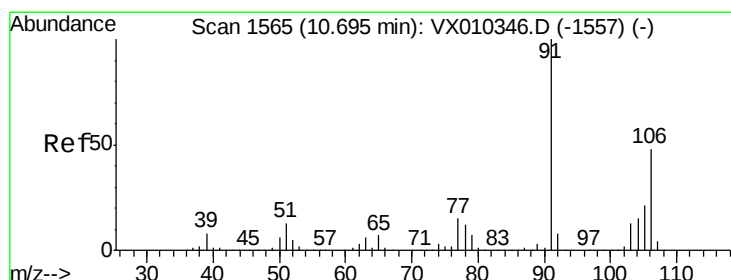
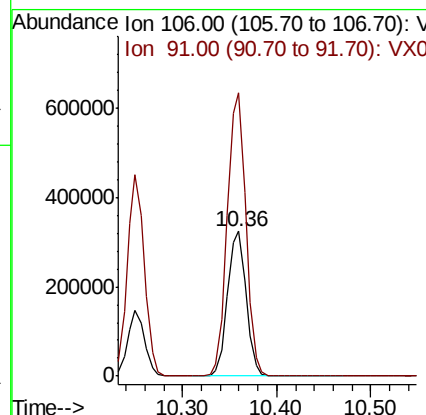
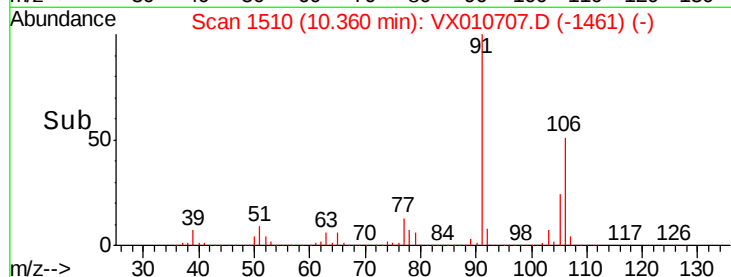
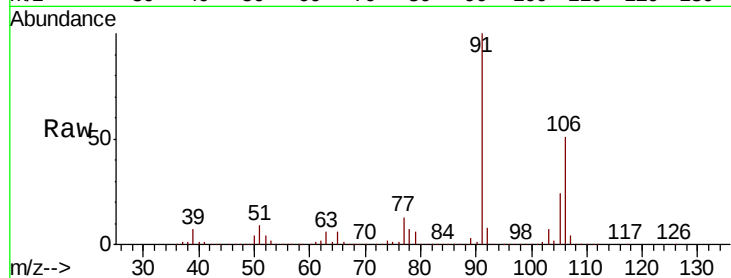
#68
m/p-Xylenes
Concen: 102.804 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion:106 Resp: 443309
Ion Ratio Lower Upper
106 100
91 196.0 155.3 232.9

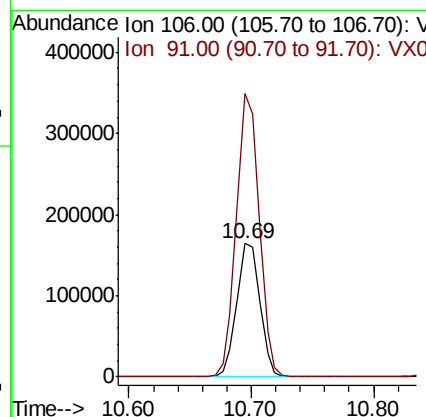
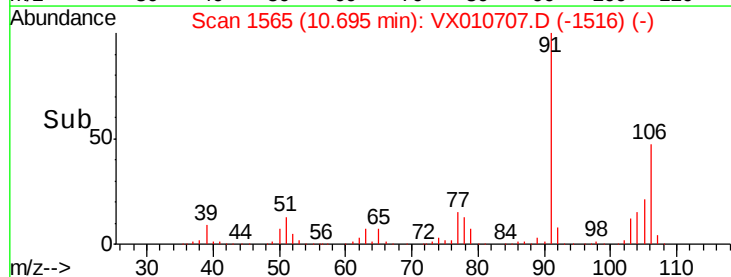
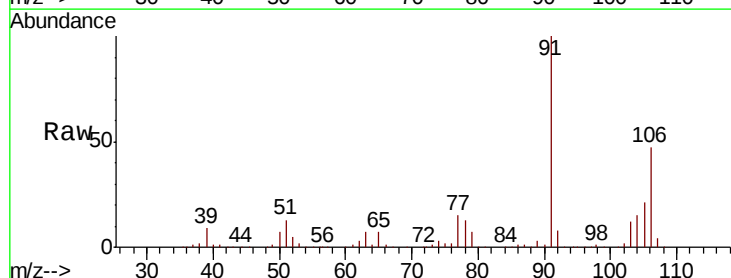
Manual Integrations
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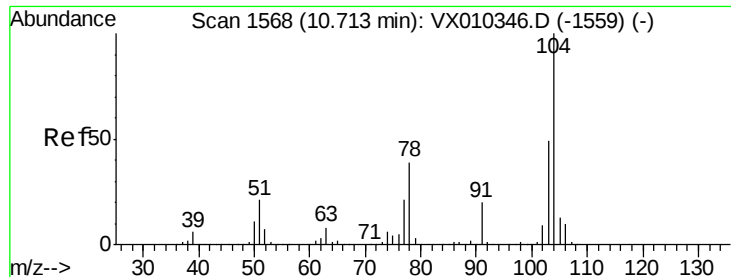
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#69
o-Xylene
Concen: 50.673 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion:106 Resp: 214886
Ion Ratio Lower Upper
106 100
91 208.8 102.7 308.1





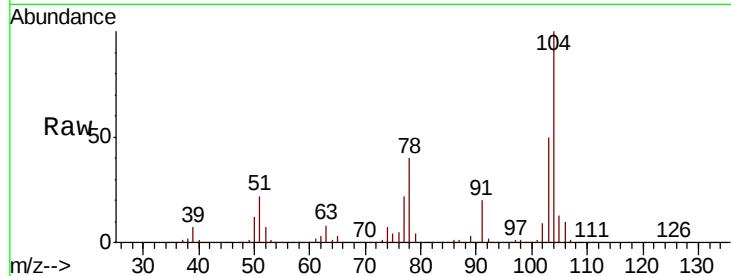
#70
Styrene
Concen: 52.418 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.0	36.2	54.2
103	55.0	44.2	66.4

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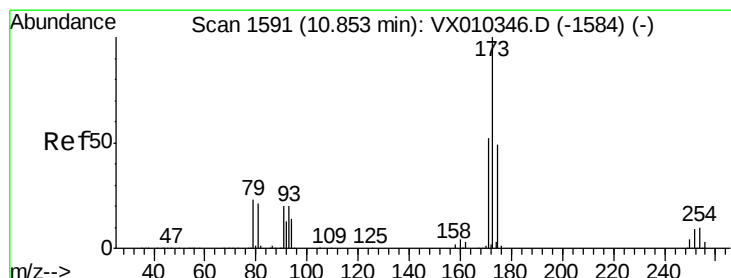
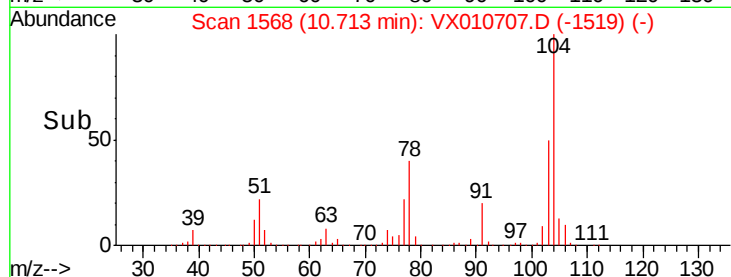
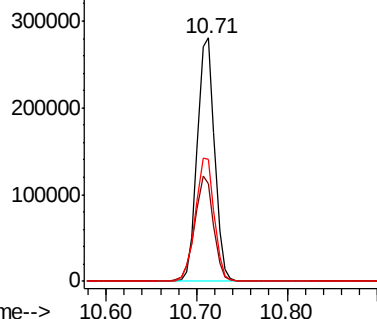


Abundance

Ion 104.00 (103.70 to 104.70): V

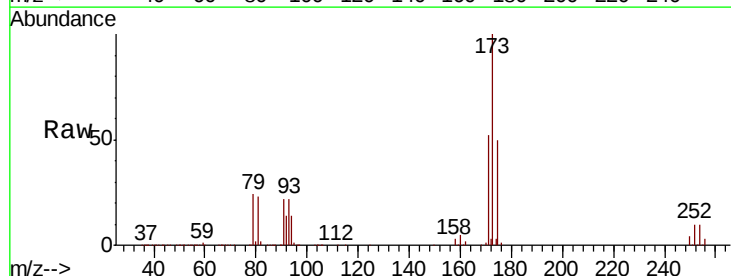
Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71
Bromoform
Concen: 48.294 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.3
254	0.2	0.2	0.2

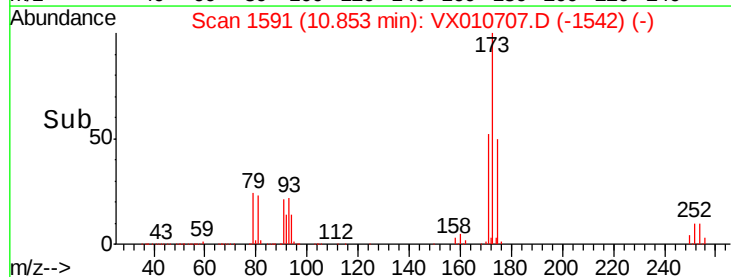
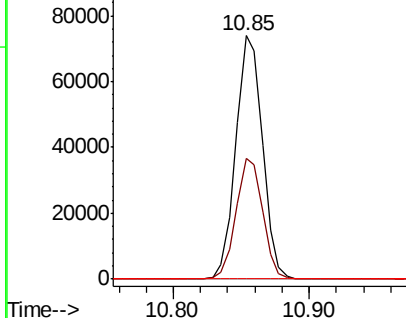


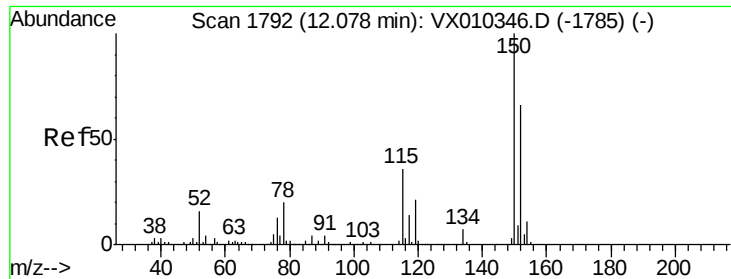
Abundance

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

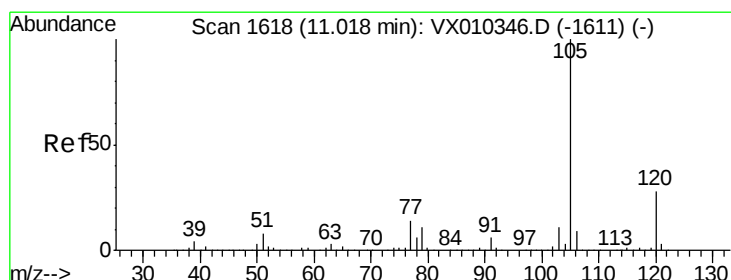
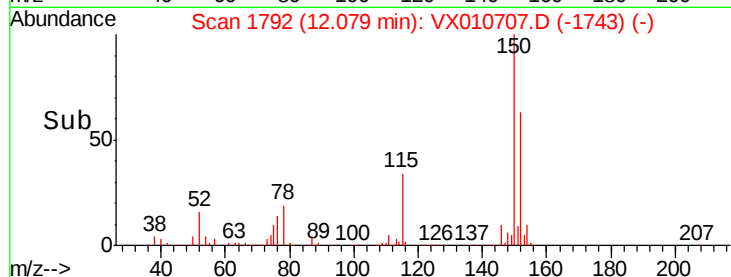
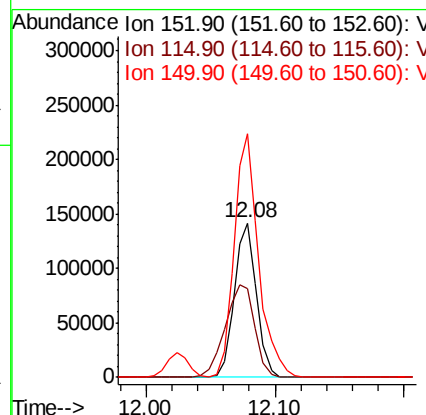
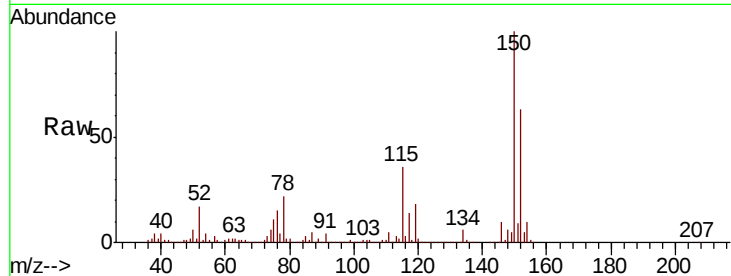
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	169301		
115	80.7	38.6	115.7	
150	173.7	0.0	347.4	

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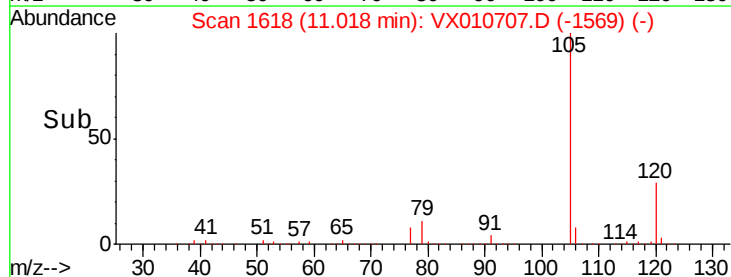
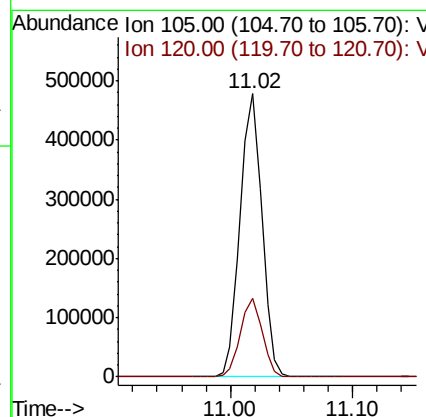
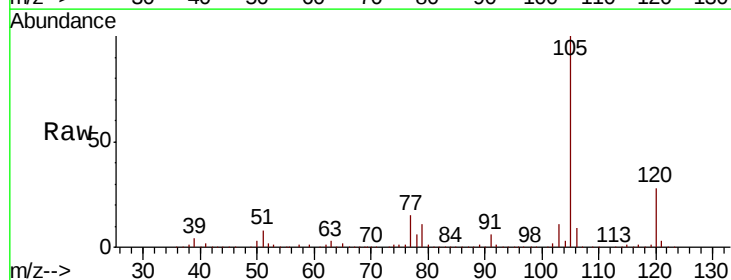
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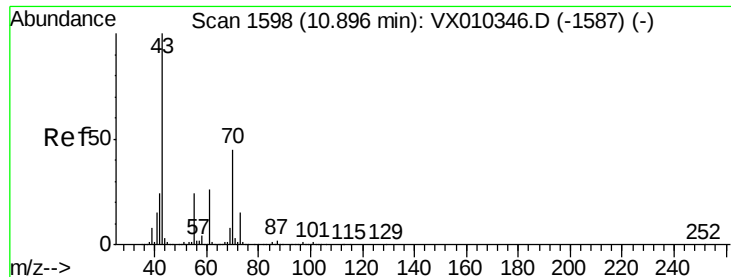


#73

Isopropylbenzene
Concen: 51.369 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	589541		
120	27.6	14.1	42.4	





#74

N-ethyl acetate

Concen: 51.135 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

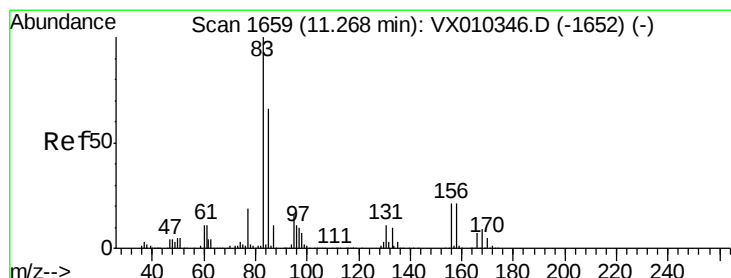
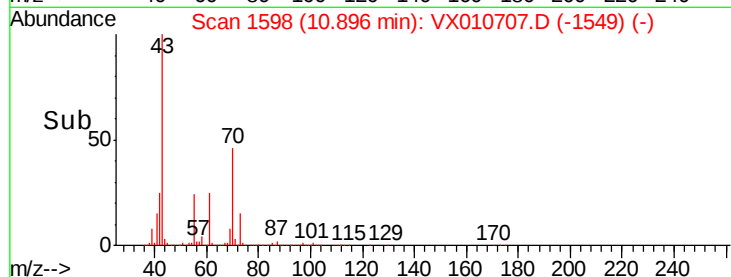
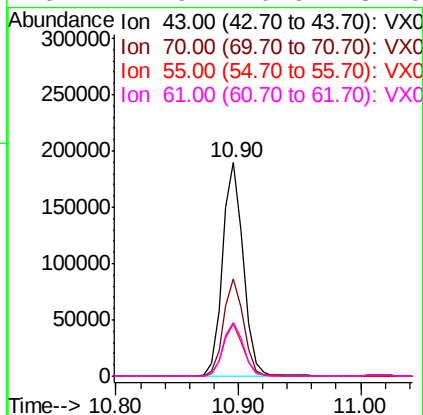
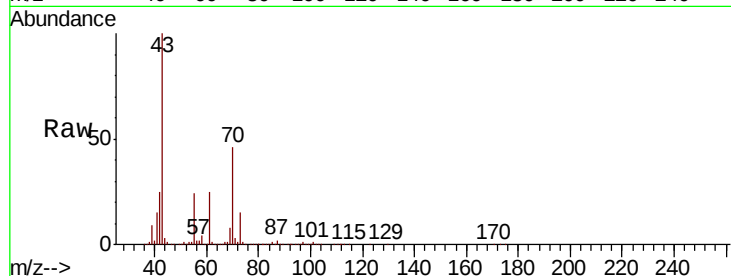
ClientSampleId :

SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.0	36.6	54.8
55	23.8	18.7	28.1
61	24.9	20.6	31.0

Manual Integrations
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7/9/2019 11:12:29 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 50.296 ug/l

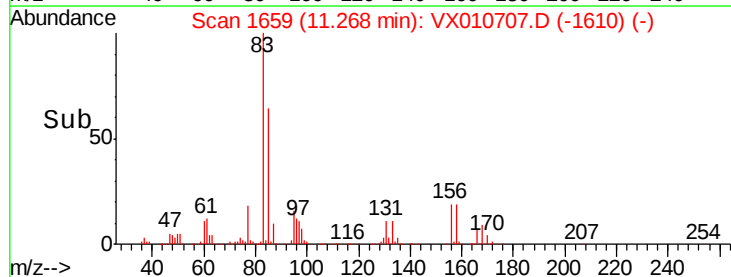
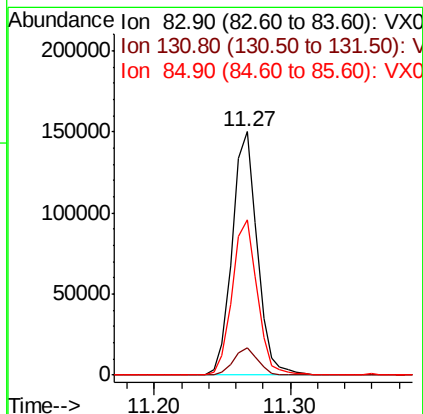
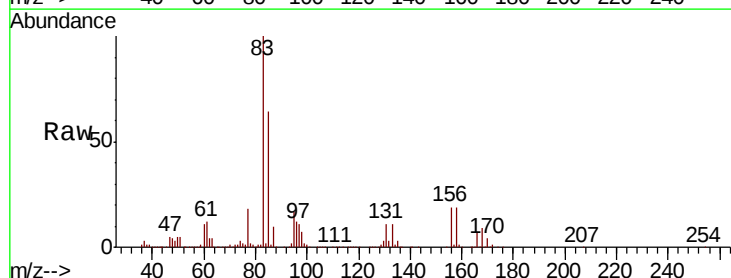
RT: 11.27 min Scan# 1659

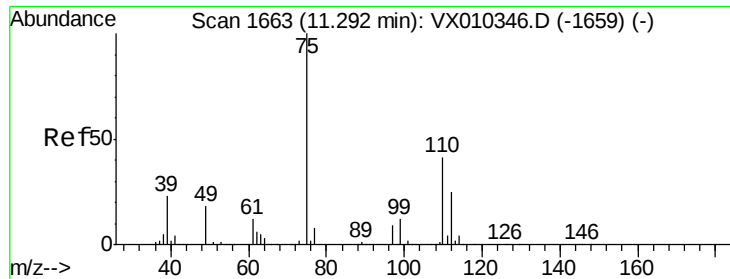
Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	64.5	32.3	96.8





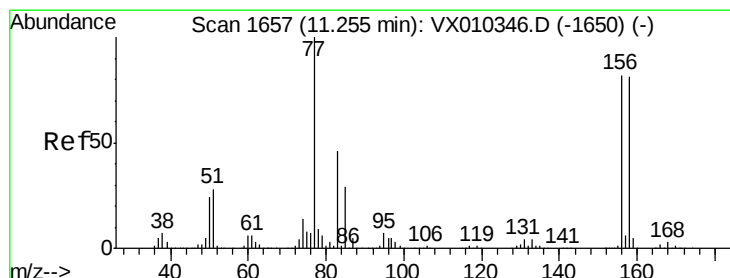
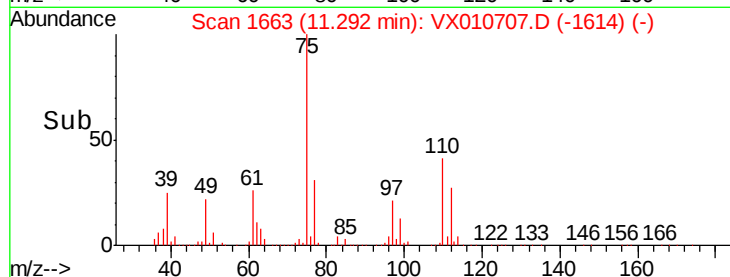
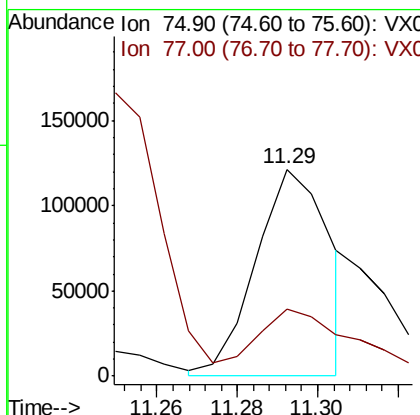
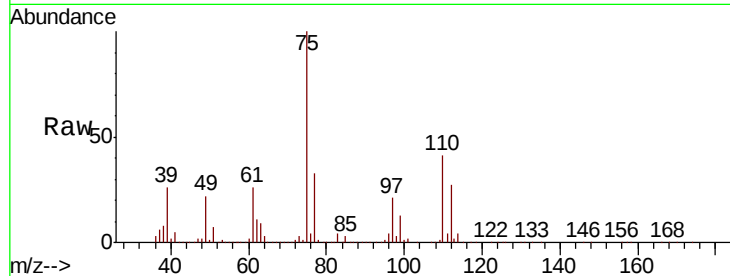
#76
1,2,3-Trichloropropane
Concen: 50.132 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion: 75 Resp: 154664
Ion Ratio Lower Upper
75 100
77 43.4 22.6 67.8

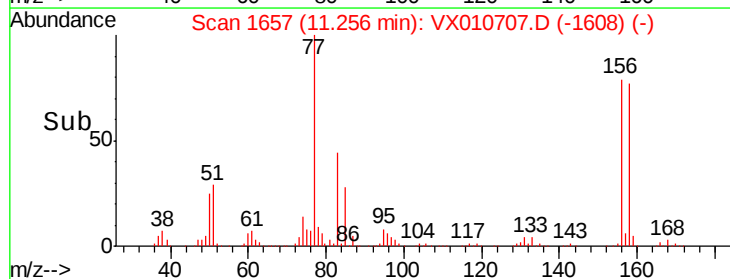
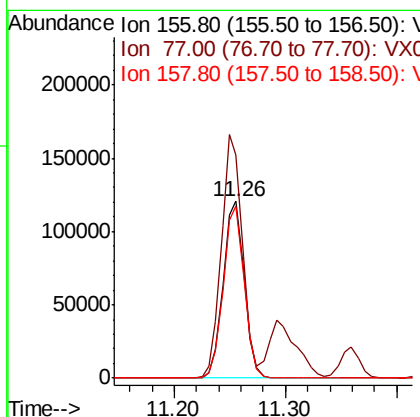
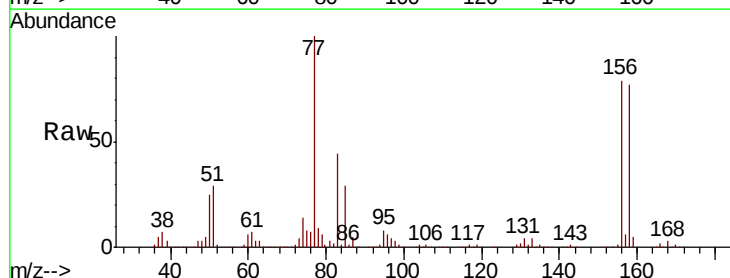
Manual Integrations
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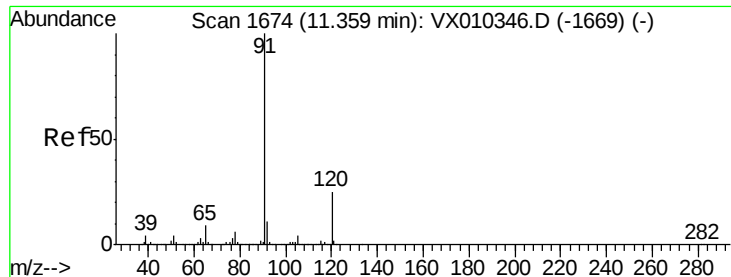
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7/9/2019 11:12:29 AM



#77
Bromobenzene
Concen: 49.282 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 156 Resp: 157929
Ion Ratio Lower Upper
156 100
77 136.0 66.3 198.7
158 96.4 48.9 146.7





#78

n-propylbenzene

Concen: 51.143 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tgt Ion: 91 Resp: 645080

Ion Ratio Lower Upper

91 100

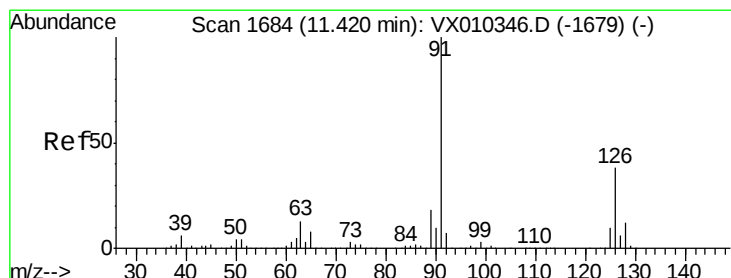
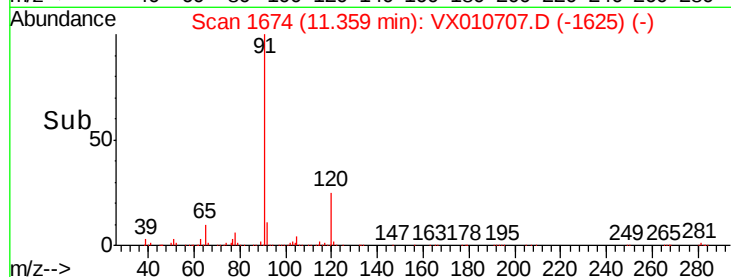
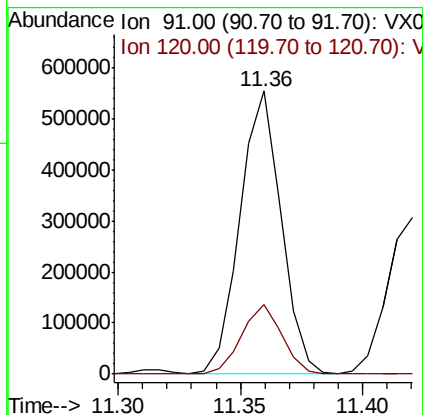
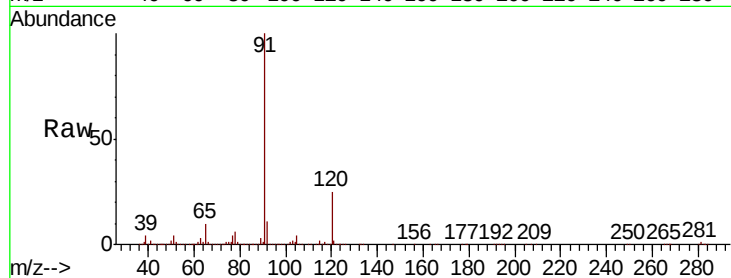
120 24.4 12.4 37.4

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#79

2-Chlorotoluene

Concen: 50.801 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010707.D

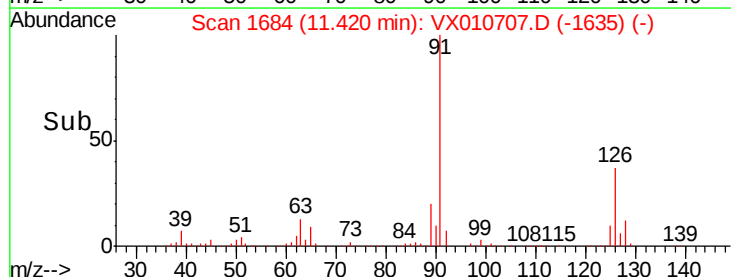
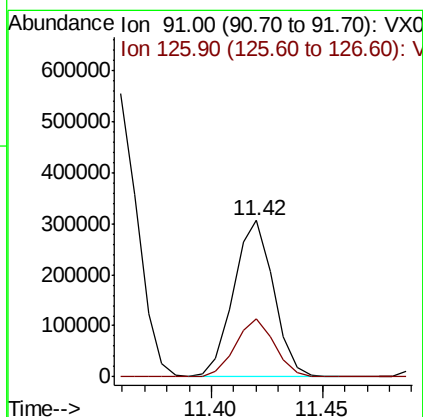
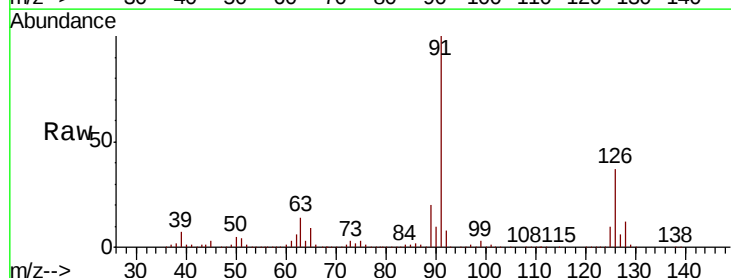
Acq: 08 Jul 2019 19:42

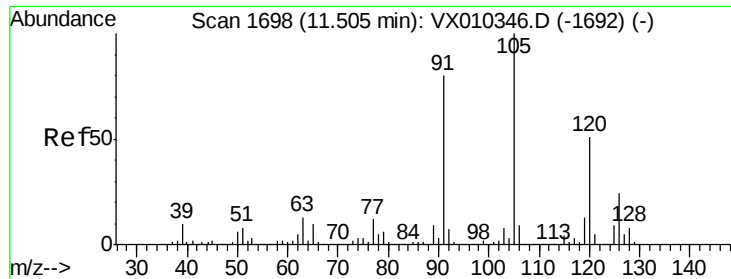
Tgt Ion: 91 Resp: 381555

Ion Ratio Lower Upper

91 100

126 36.6 18.7 56.1





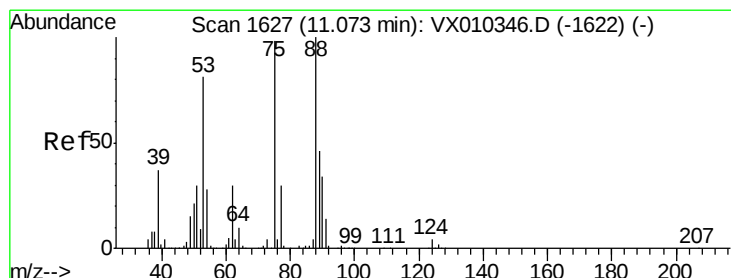
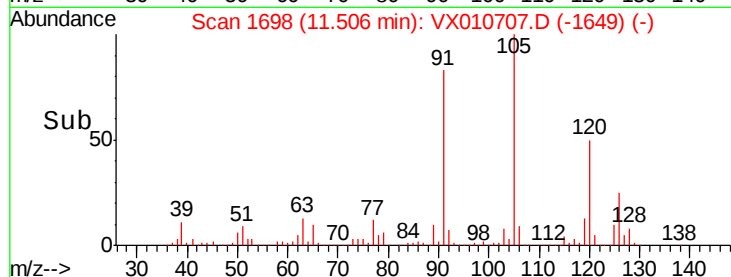
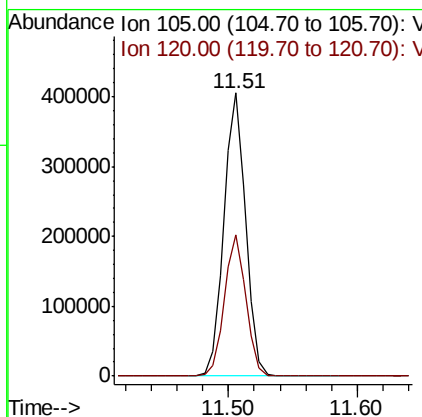
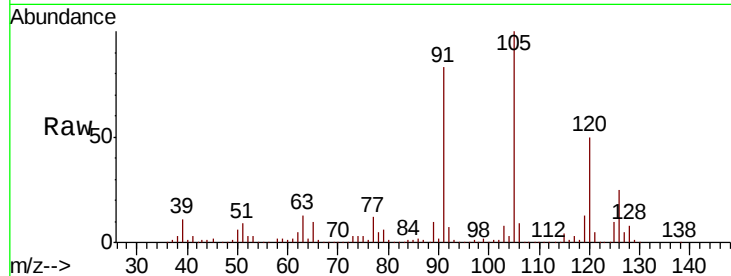
#80
 1,3,5-Trimethylbenzene
 Concen: 50.972 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion: 105 Resp: 482244
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.2 75.6

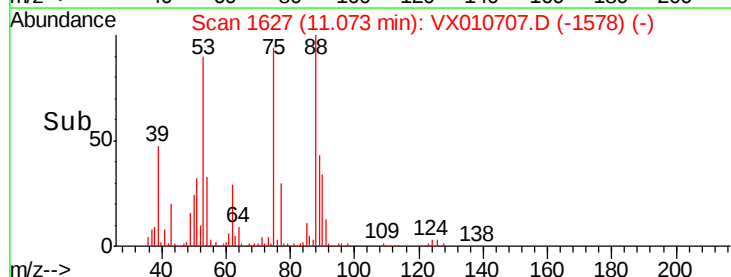
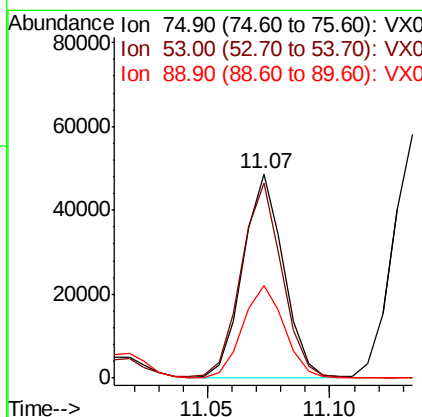
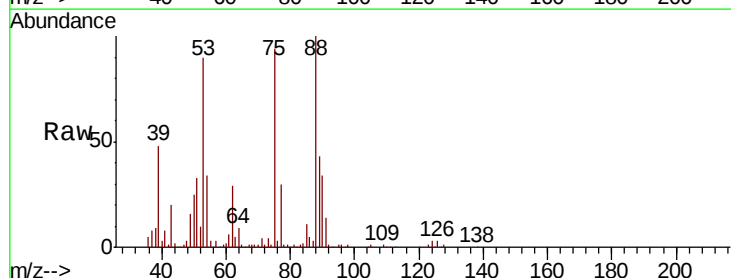
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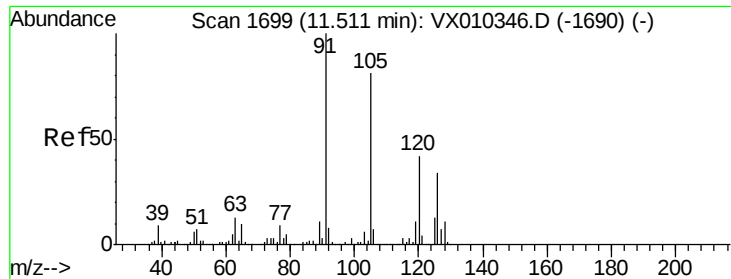
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.167 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion: 75 Resp: 55763
 Ion Ratio Lower Upper
 75 100
 53 96.3 66.1 99.1
 89 46.8 37.8 56.6





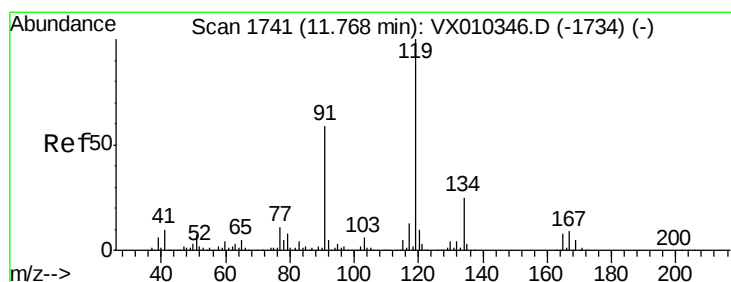
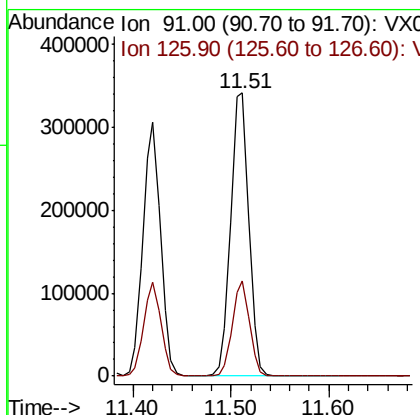
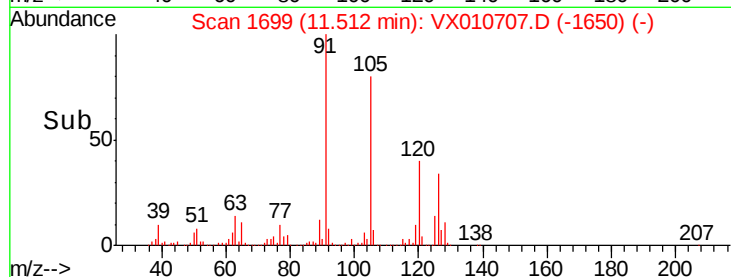
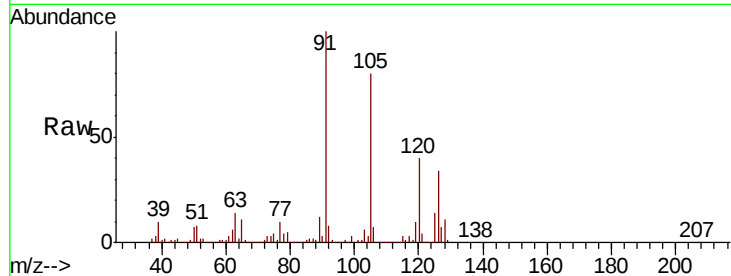
#82
4-Chlorotoluene
Concen: 51.541 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion: 91 Resp: 440499
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6

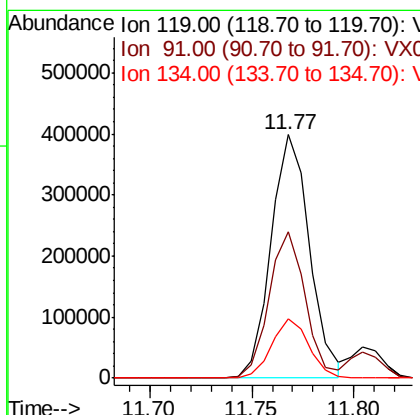
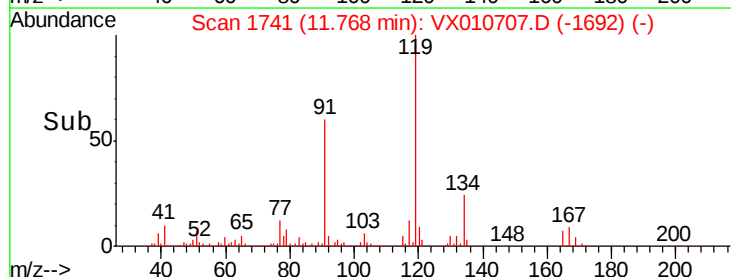
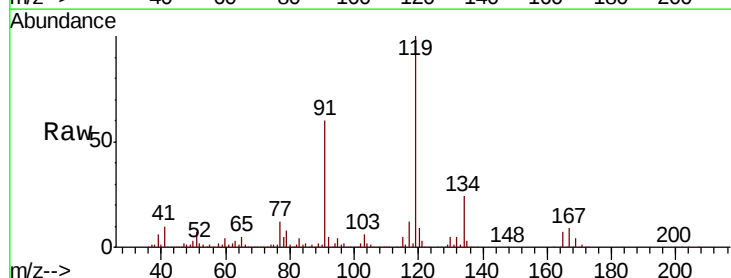
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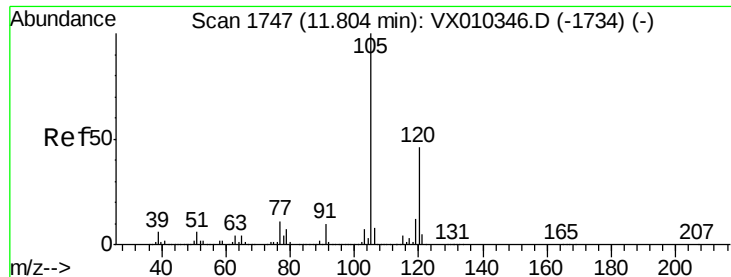
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#83
tert-Butylbenzene
Concen: 55.277 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion: 119 Resp: 524903
Ion Ratio Lower Upper
119 100
91 56.9 27.6 82.7
134 23.6 11.8 35.4





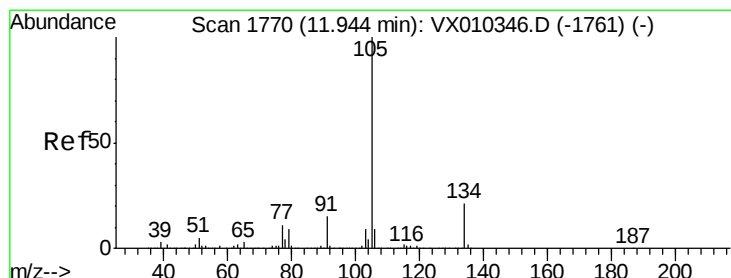
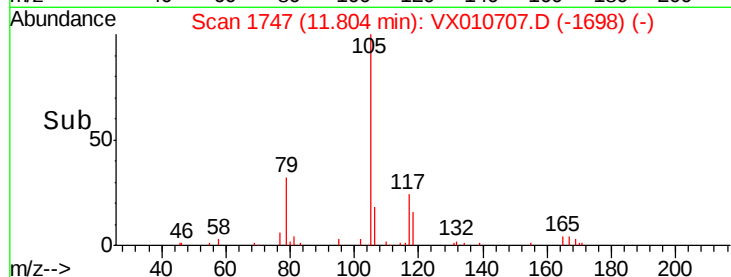
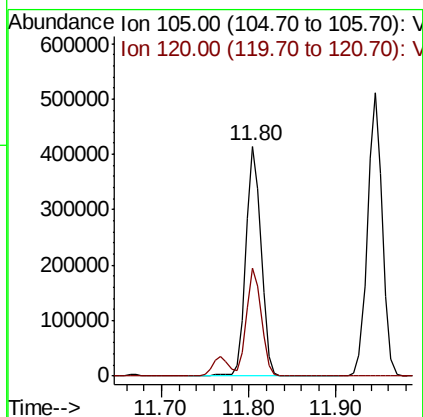
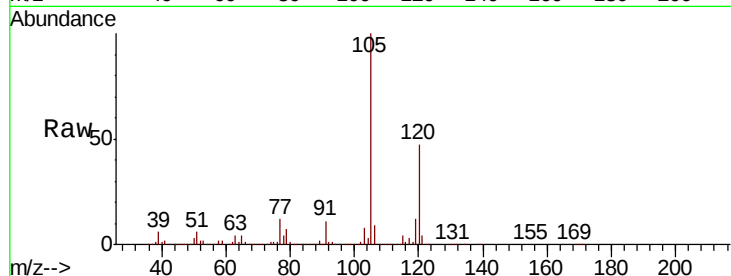
#84
 1,2,4-Trimethylbenzene
 Concen: 52.491 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion:105 Resp: 498943
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2

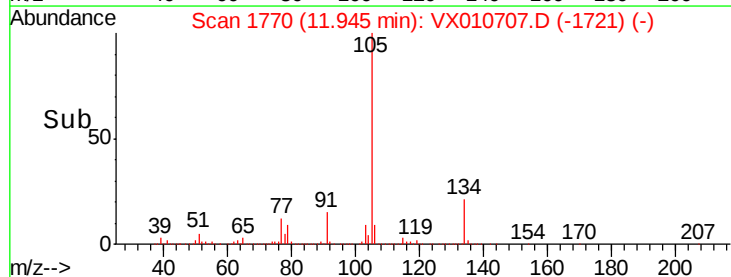
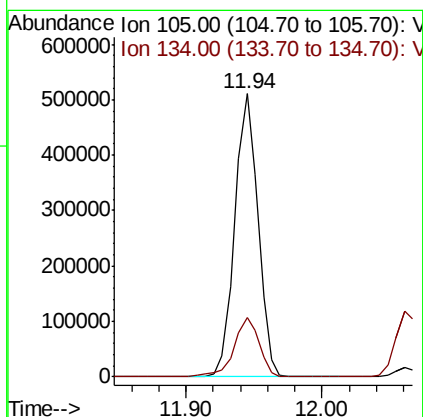
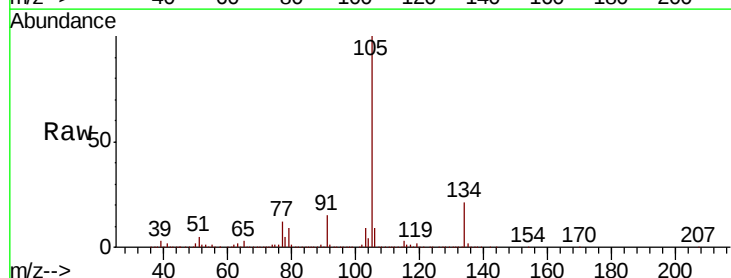
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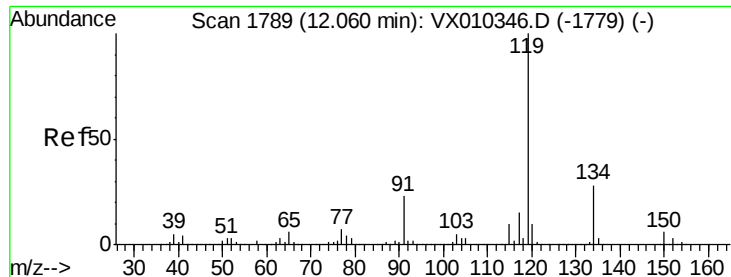
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#85
 sec-Butylbenzene
 Concen: 54.456 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion:105 Resp: 607152
 Ion Ratio Lower Upper
 105 100
 134 22.9 10.7 31.9





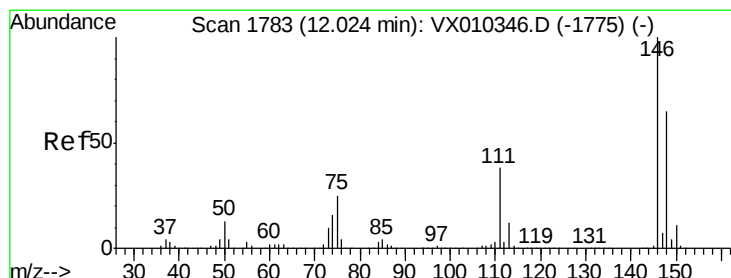
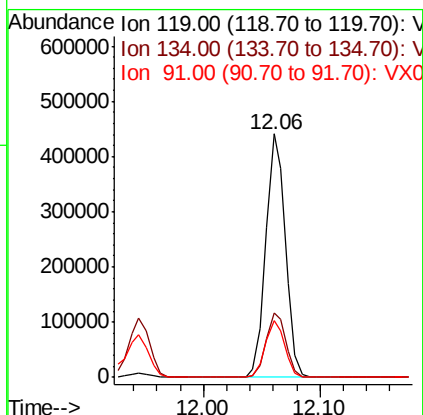
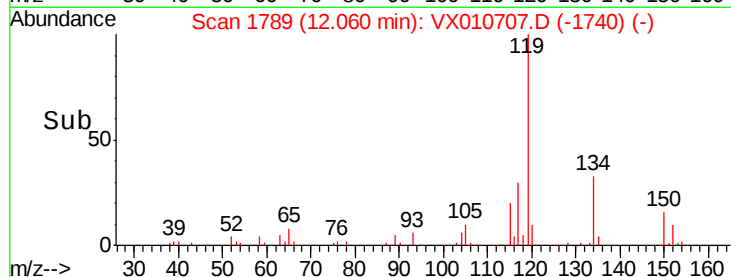
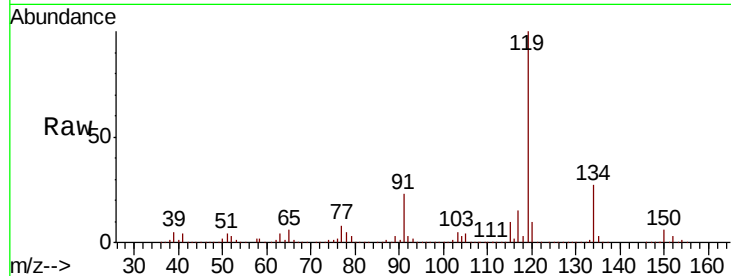
#86
p-Isopropyltoluene
Concen: 50.311 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	518850		
134	27.0	13.7	41.1	
91	23.1	11.3	33.8	

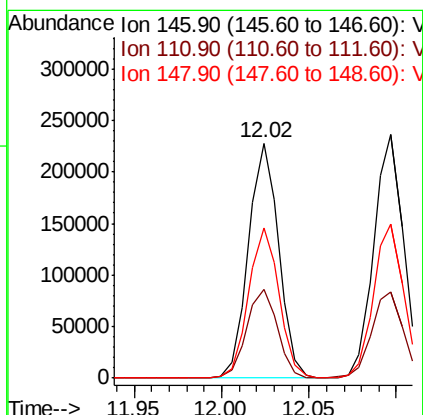
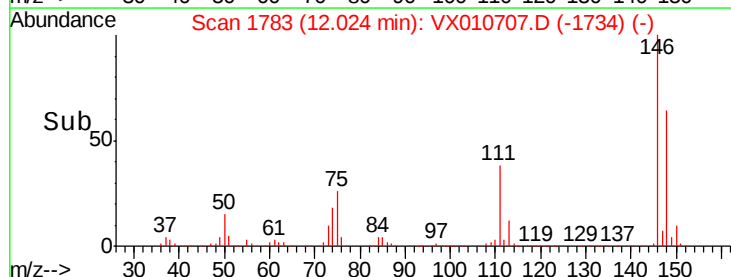
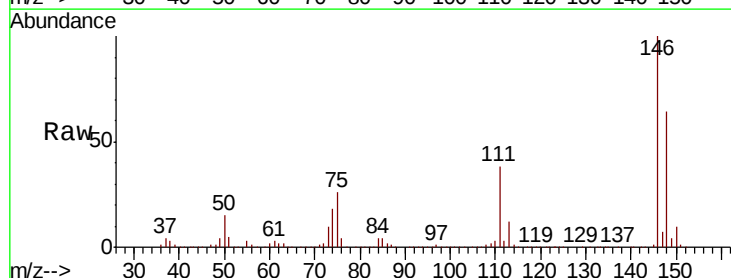
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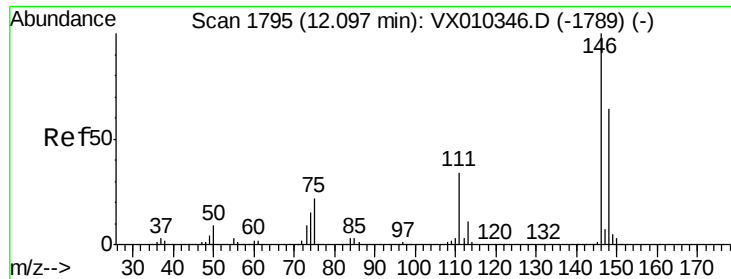
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#87
1,3-Dichlorobenzene
Concen: 49.312 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	275841		
111	38.5	19.1	57.1	
148	64.2	32.5	97.4	





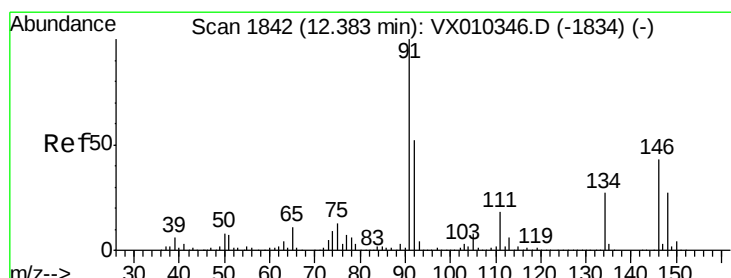
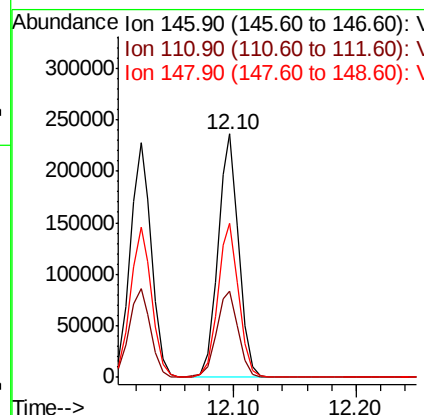
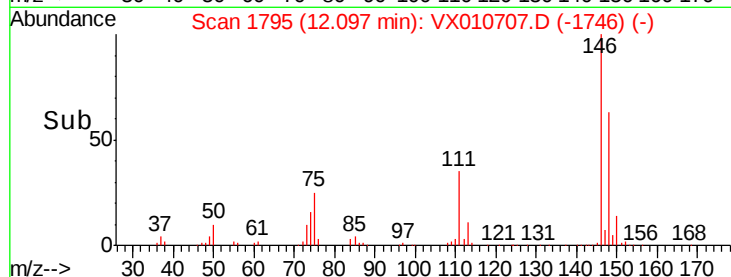
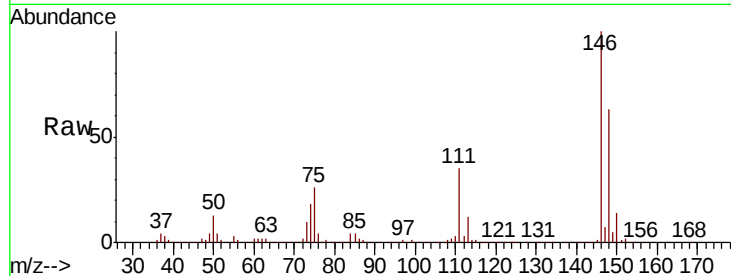
#88
 1,4-Dichlorobenzene
 Concen: 49.032 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.3
148	63.8	32.1	96.3

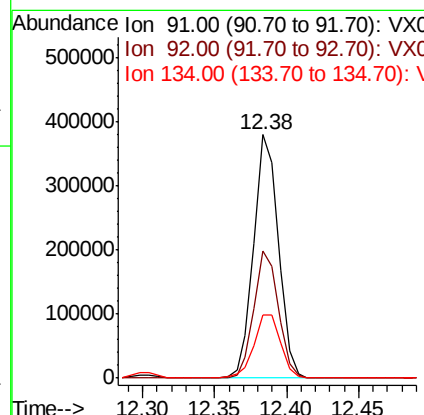
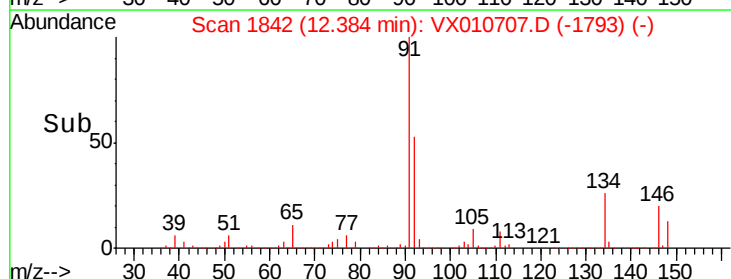
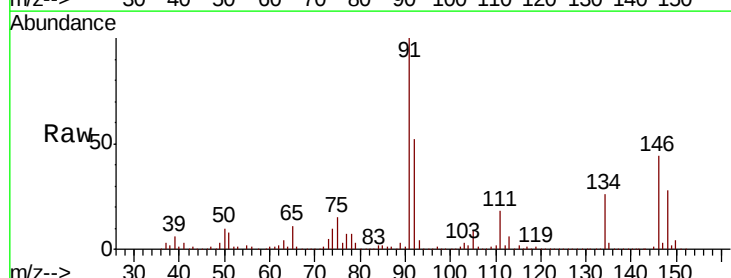
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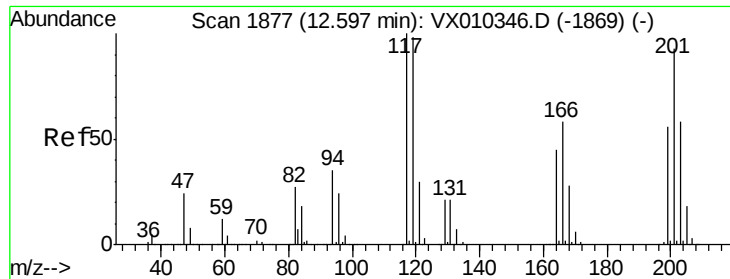
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#89
 n-Butylbenzene
 Concen: 51.401 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	28.4	14.1	42.4





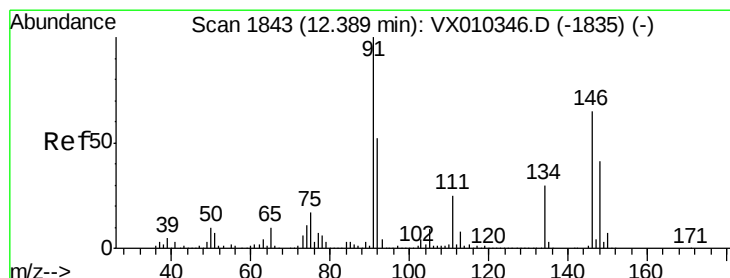
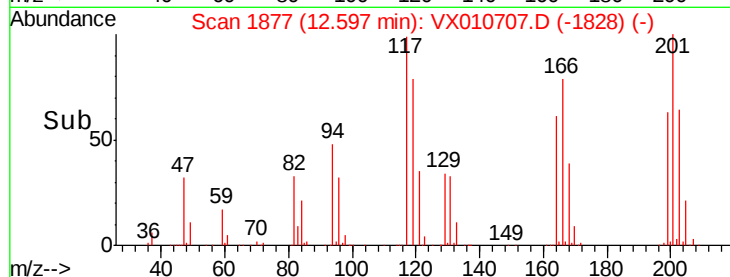
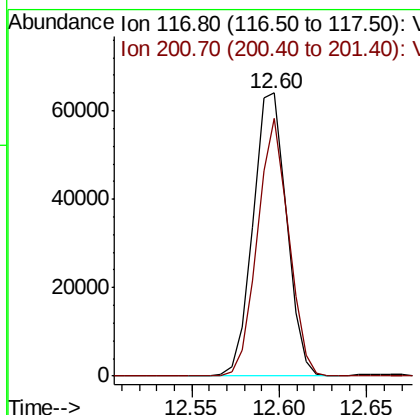
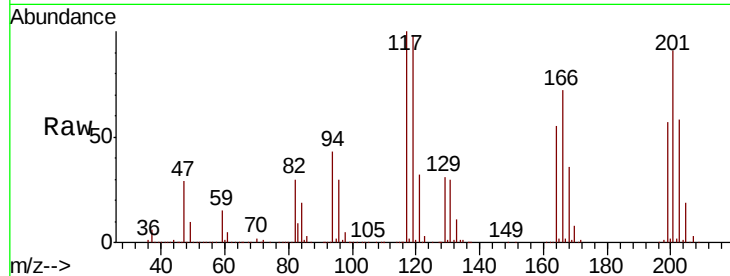
#90
Hexachloroethane
Concen: 48.003 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tgt Ion:117 Resp: 85600
Ion Ratio Lower Upper
117 100
201 84.3 44.0 131.8

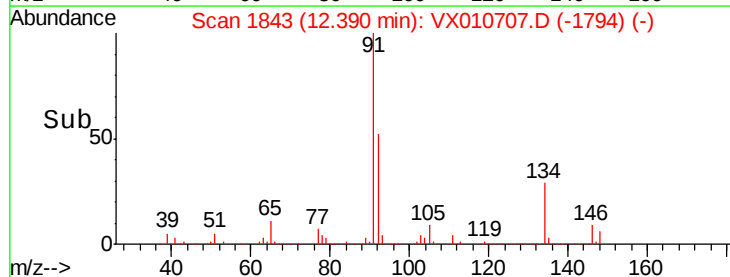
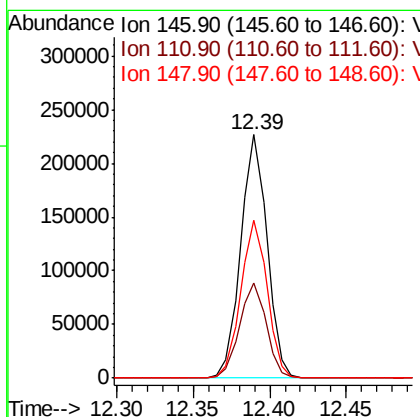
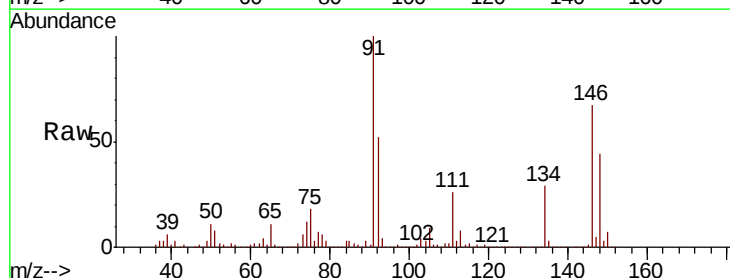
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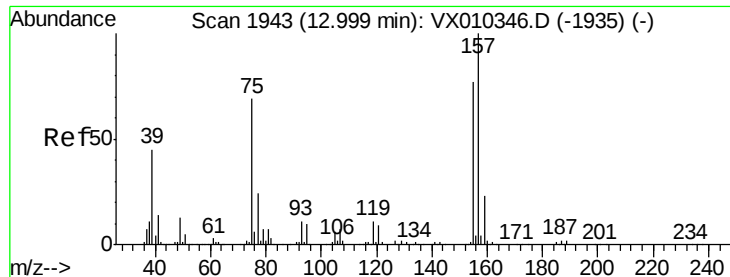
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#91
1,2-Dichlorobenzene
Concen: 48.726 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010707.D
Acq: 08 Jul 2019 19:42

Tgt Ion:146 Resp: 270891
Ion Ratio Lower Upper
146 100
111 39.9 19.2 57.6
148 64.7 32.0 96.0





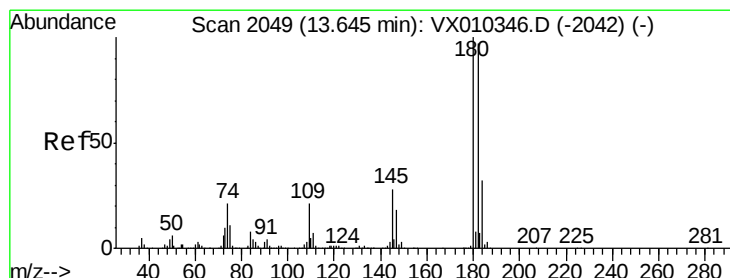
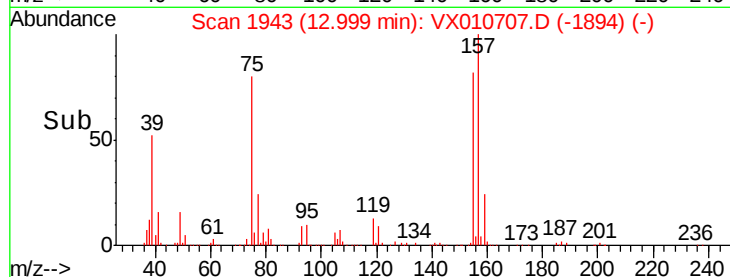
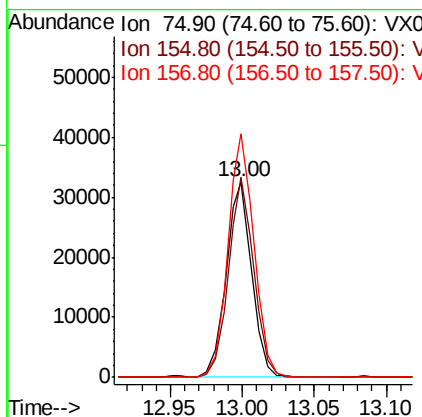
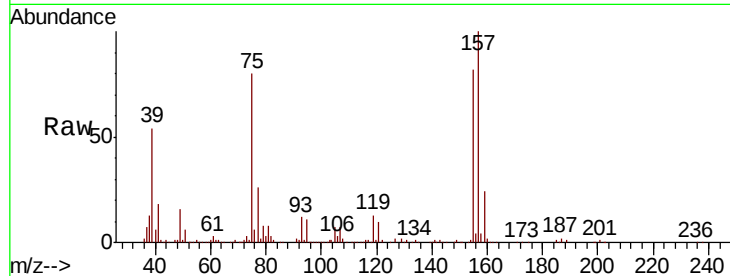
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.854 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.3	54.4	163.1
157	125.7	69.5	208.3

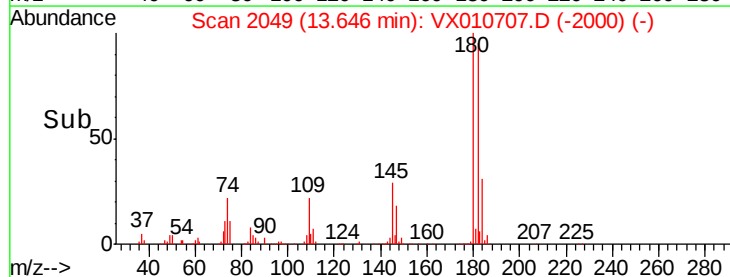
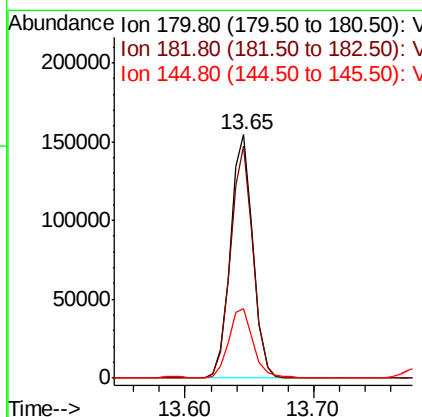
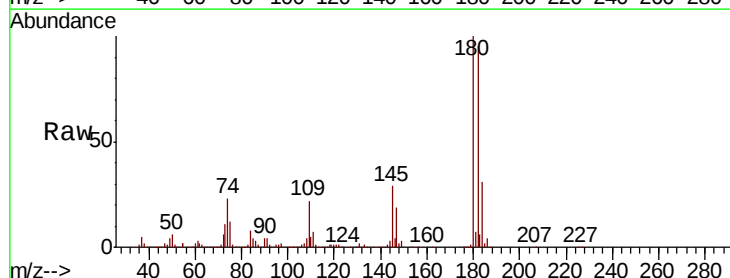
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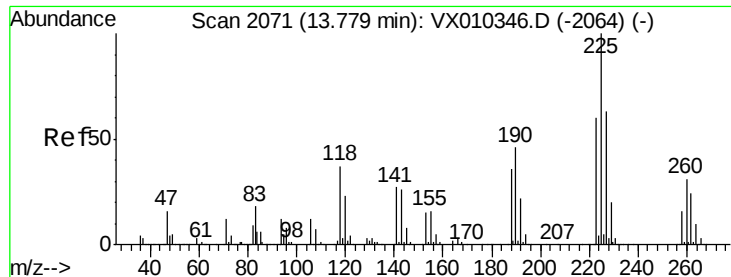
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#93
 1,2,4-Trichlorobenzene
 Concen: 48.806 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.0
145	31.9	14.4	43.4





#94

Hexachlorobutadiene

Concen: 48.684 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Instrument :

MSVOA_X

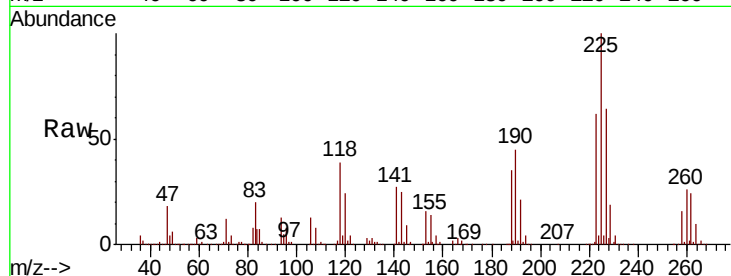
ClientSampleId :

SS038RW151-190702MS

Tgt Ion:	225	Resp:	91734
Ion Ratio		Lower	Upper
225	100		
223	63.2	30.9	92.7
227	62.9	31.9	95.5

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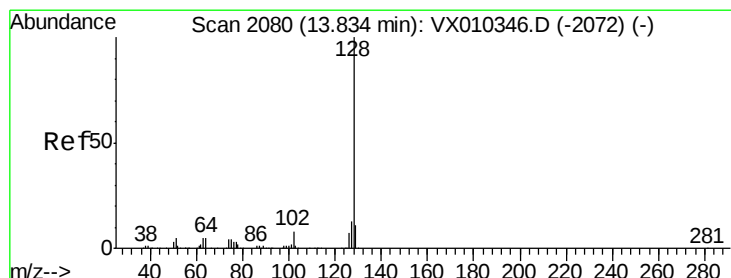
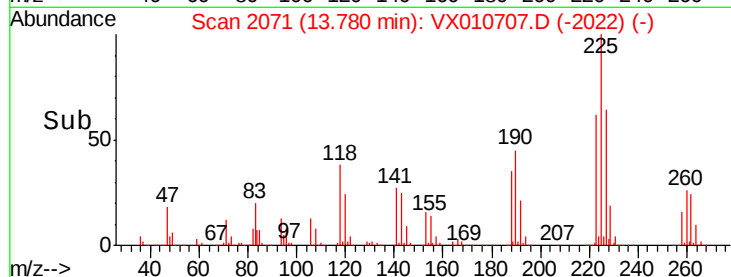
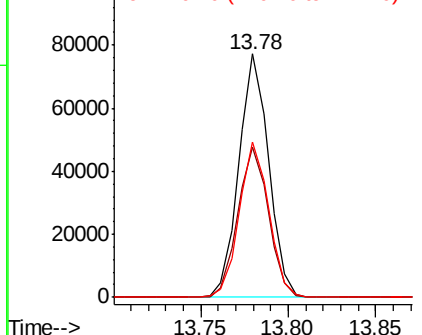


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.258 ug/l

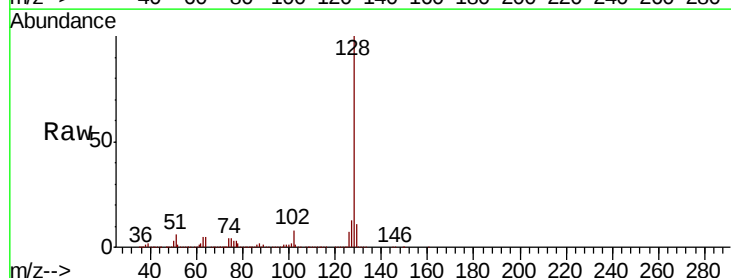
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010707.D

Acq: 08 Jul 2019 19:42

Tgt Ion:	128	Resp:	595453
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.9	13.3

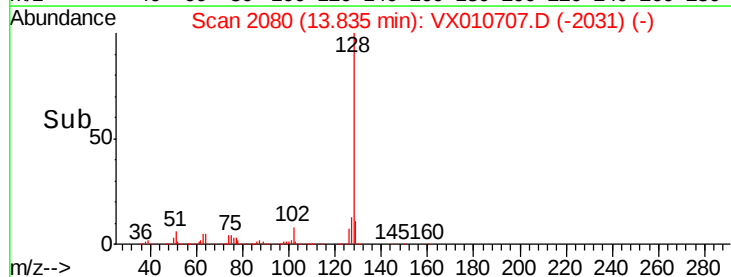
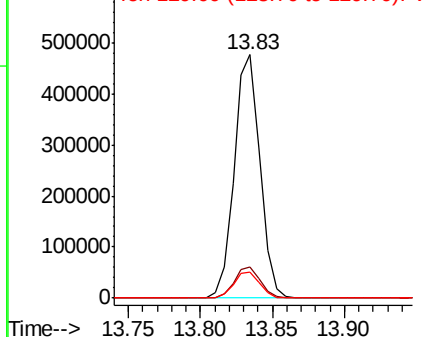


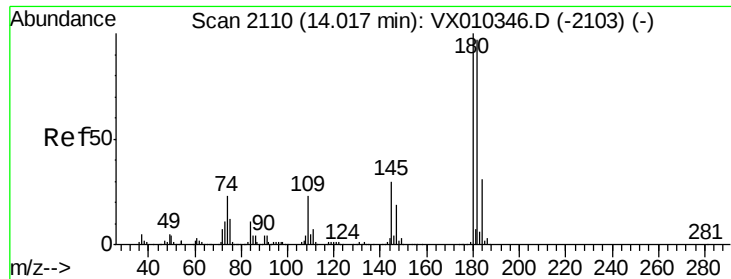
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 49.135 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010707.D
 Acq: 08 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	47.8	143.3
145	32.9	15.2	45.6

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:12:29 AM

