

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004809.D
 Acq On : 28 Sep 2018 07:44
 Operator : JC/MD
 Sample : J5020-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 2:26:13 PM

Quant Time: Sep 28 08:42:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169486	59.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.00%	
35) Dibromofluoromethane	5.50	113	134780	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.72	98	464851	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.14	95	170854	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	134372	49.006	ug/l	97
3) Chloromethane	1.32	50	203705	61.234	ug/l	99
4) Vinyl Chloride	1.41	62	199233	63.854	ug/l	93
5) Bromomethane	1.64	94	85825	46.387	ug/l	96
6) Chloroethane	1.71	64	136428	81.710	ug/l	99
7) Trichlorofluoromethane	1.92	101	200086	51.800	ug/l	88
8) Diethyl Ether	2.19	74	107500	64.062	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84622	38.460	ug/l	97
10) Methyl Iodide	2.51	142	114659	38.942	ug/l	98
11) Tert butyl alcohol	3.08	59	236000	293.806	ug/l	100
12) 1,1-Dichloroethene	2.37	96	121689	55.846	ug/l	97
13) Acrolein	2.29	56	140471	245.790	ug/l	91
14) Allyl chloride	2.73	41	290485	61.098	ug/l	95
15) Acrylonitrile	3.15	53	547356	309.545	ug/l	98
16) Acetone	2.45	43	499785	297.993	ug/l	96
17) Carbon Disulfide	2.57	76	363646	55.538	ug/l	100
18) Methyl Acetate	2.78	43	251933	59.288	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	538015	71.581	ug/l	97
20) Methylene Chloride	2.85	84	158844	65.398	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	134860	56.537	ug/l	95
22) Diisopropyl ether	3.87	45	514518	64.266	ug/l	95
23) Vinyl Acetate	3.82	43	2121882	289.542	ug/l	96
24) 1,1-Dichloroethane	3.70	63	269073	56.342	ug/l	98
25) 2-Butanone	4.70	43	752400	304.344	ug/l	100
26) 2,2-Dichloropropane	4.59	77	124798	37.527	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	156826	58.853	ug/l	97
28) Bromochloromethane	5.02	49	138641	61.647	ug/l	89
29) Tetrahydrofuran	5.16	42	483190	314.462	ug/l	92
30) Chloroform	5.21	83	261212	57.873	ug/l	98
31) Cyclohexane	5.57	56	142541	38.997	ug/l	# 83
32) 1,1,1-Trichloroethane	5.49	97	204195	55.396	ug/l	98
36) 1,1-Dichloropropene	5.80	75	160627	41.995	ug/l	99
37) Ethyl Acetate	4.86	43	244383	48.134	ug/l	98
38) Carbon Tetrachloride	5.78	117	160179	39.839	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111428	28.530	ug/l	96
40) Benzene	6.15	78	585745	48.916	ug/l	98
41) Methacrylonitrile	5.06	41	151600	53.842	ug/l	95
42) 1,2-Dichloroethane	6.20	62	220895	52.183	ug/l	97
43) Isopropyl Acetate	6.46	43	385113	52.553	ug/l	98
44) Trichloroethene	7.21	130	138668	47.107	ug/l	93
45) 1,2-Dichloropropane	7.52	63	161758	55.085	ug/l	99
46) Dibromomethane	7.66	93	104318	56.526	ug/l	98
47) Bromodichloromethane	7.90	83	197585	57.184	ug/l	99
48) Methyl methacrylate	7.77	41	211166	63.487	ug/l	93
49) 1,4-Dioxane	7.76	88	81611	987.626	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1411914	306.000	ug/l	95
52) Toluene	8.79	92	341155	51.849	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	206229	52.817	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	219365	53.638	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	156690	54.365	ug/l	97
56) Ethyl methacrylate	9.18	69	251050	53.467	ug/l	94
57) 1,3-Dichloropropane	9.37	76	264044	55.045	ug/l	99
59) 2-Hexanone	9.50	43	1117681	290.683	ug/l	93
60) Dibromochloromethane	9.59	129	158515	54.994	ug/l	99
61) 1,2-Dibromoethane	9.67	107	162256	52.567	ug/l	100
64) Tetrachloroethene	9.34	164	106405	35.413	ug/l	96
65) Chlorobenzene	10.14	112	380577	48.614	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	143982	52.316	ug/l	99
67) Ethyl Benzene	10.26	91	589556	47.435	ug/l	98
68) m/p-Xylenes	10.36	106	458676	94.440	ug/l	94
69) o-Xylene	10.70	106	233076	52.248	ug/l	96
70) Stvrene	10.71	104	403402	48.421	ug/l	97
71) Bromoform	10.86	173	129334	54.891	ug/l	97
73) Isopropylbenzene	11.02	105	604523	53.616	ug/l	99
74) N-amyl acetate	10.90	43	334443	53.828	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	266085	57.975	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	232409m	57.967	ug/l	
77) Bromobenzene	11.26	156	177387	54.166	ug/l	98
78) n-propylbenzene	11.36	91	612841	47.372	ug/l	99
79) 2-Chlorotoluene	11.42	91	408803	50.697	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	472918	45.747	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	65402	44.709	ug/l	98
82) 4-Chlorotoluene	11.51	91	481728	50.755	ug/l	99
83) tert-Butylbenzene	11.77	119	474489	51.114	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	507066	47.570	ug/l	98
85) sec-Butylbenzene	11.94	105	524731	46.407	ug/l	99
86) p-Isopropyltoluene	12.07	119	443458	43.288	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	302032	49.390	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310505	49.188	ug/l	99
89) n-Butylbenzene	12.39	91	383540	41.224	ug/l	97
90) Hexachloroethane	12.60	117	75782	44.430	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	324187	50.728	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64629	64.132	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	231931	51.736	ug/l	100

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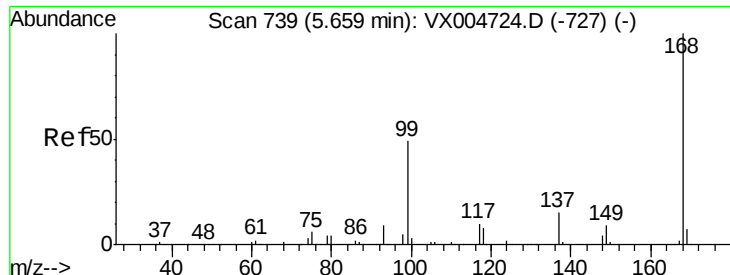
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	76894	33.078	ug/l	99
95) Naphthalene	13.83	128	863272	57.903	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	248830	53.732	ug/l	99

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



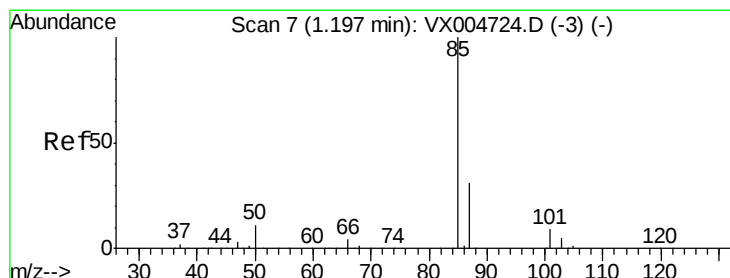
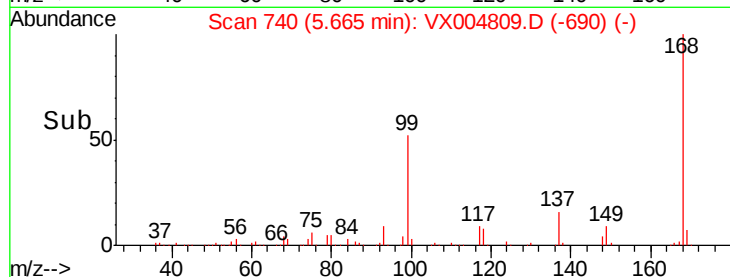
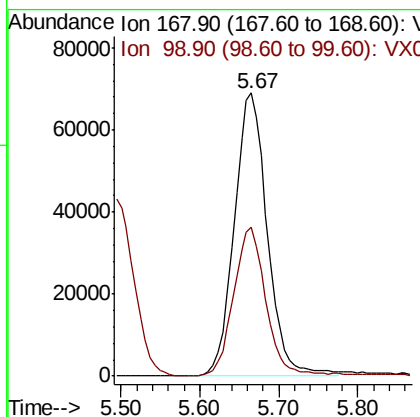
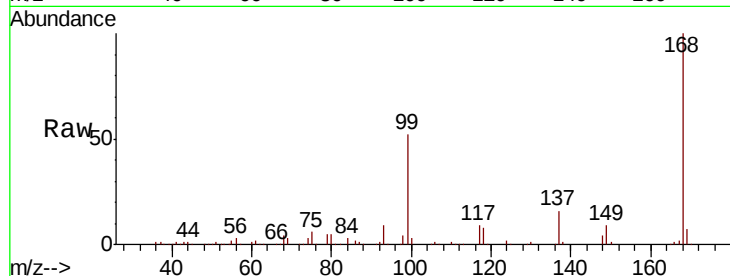
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	201103		
99	52.3	39.9	59.9	

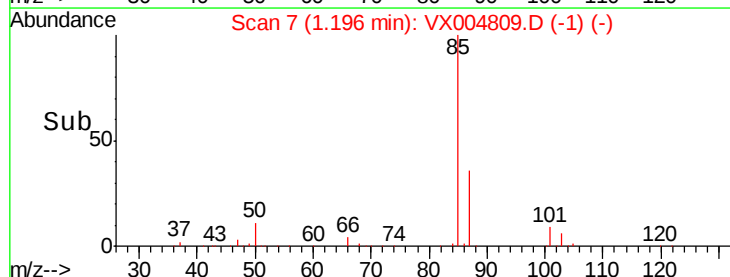
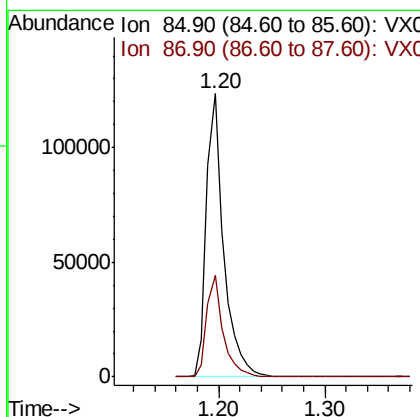
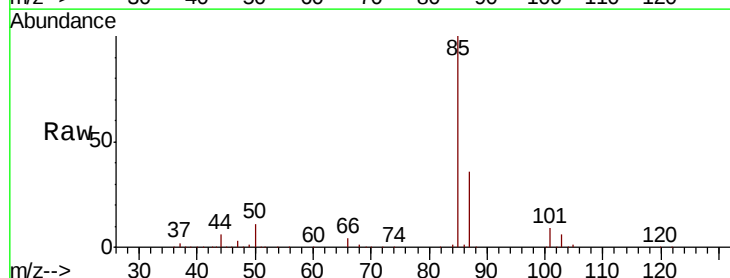
Manual Integrations
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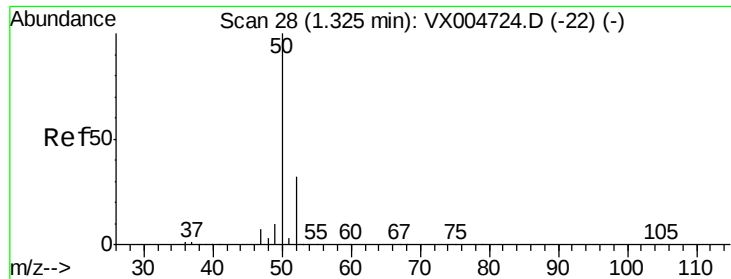
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#2
Dichlorodifluoromethane
Concen: 49.006 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	134372		
87	35.8	17.0	50.9	





#3

Chloromethane

Concen: 61.234 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion: 50 Resp: 203705

Ion Ratio Lower Upper

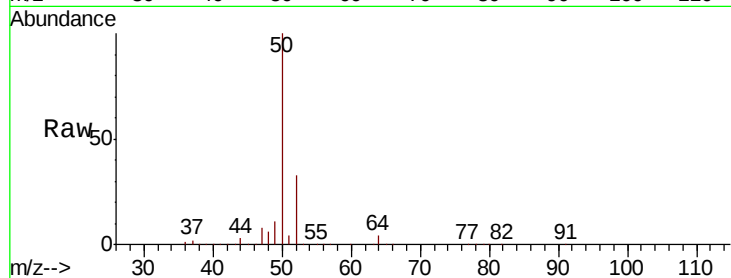
50 100

52 33.0 26.2 39.2

Manual Integrations
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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

200000

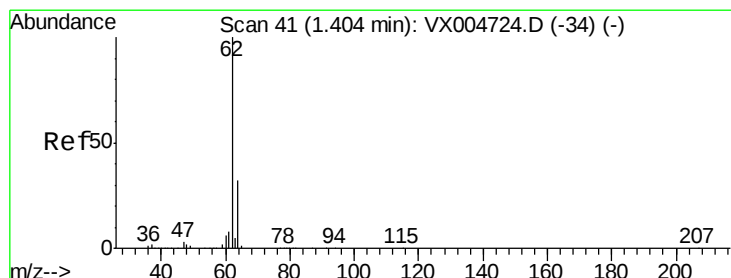
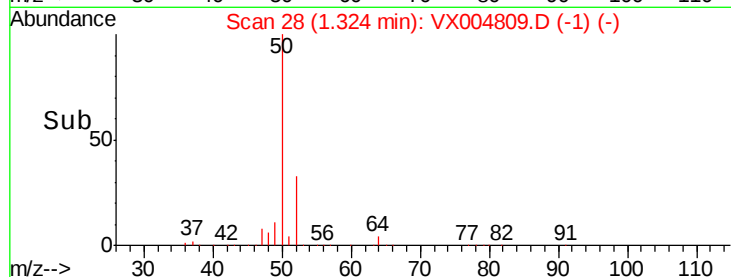
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100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 63.854 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX004809.D

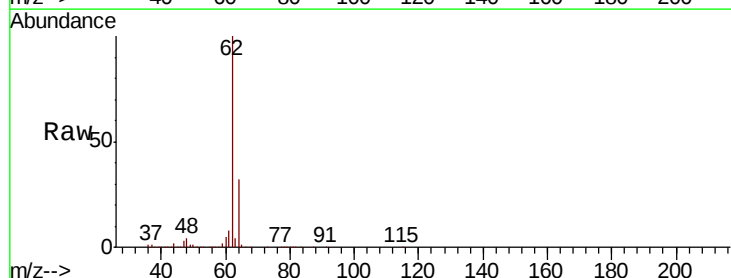
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Tgt Ion: 62 Resp: 199233

Ion Ratio Lower Upper

62 100

64 28.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

200000

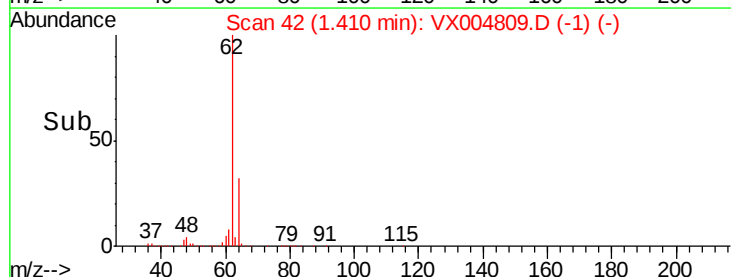
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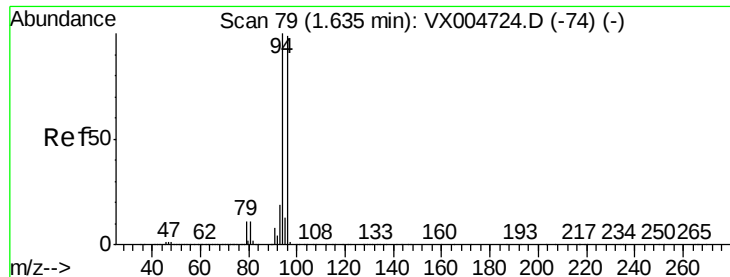
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50000

0

Time-->





#5

Bromomethane

Concen: 46.387 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion: 94 Resp: 85825

Ion Ratio Lower Upper

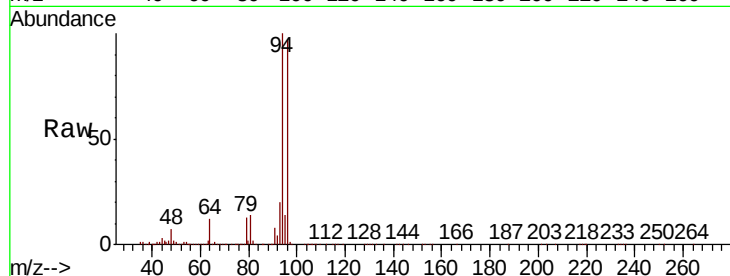
94 100

96 96.7 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

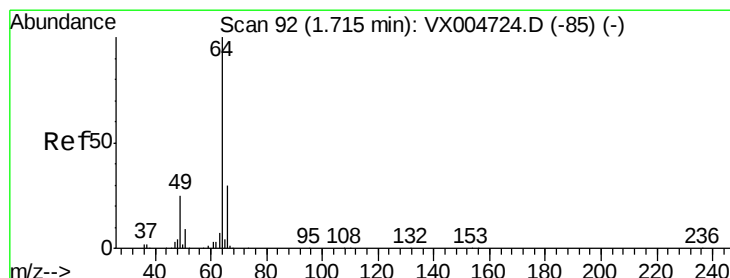
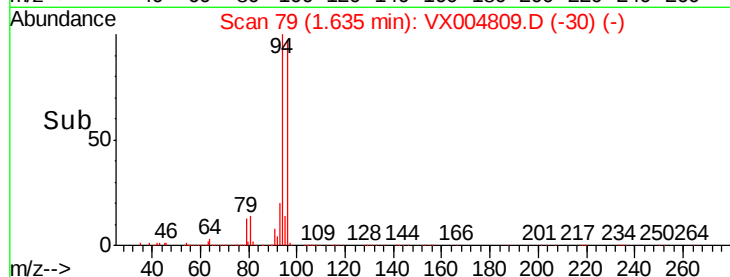
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 81.710 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004809.D

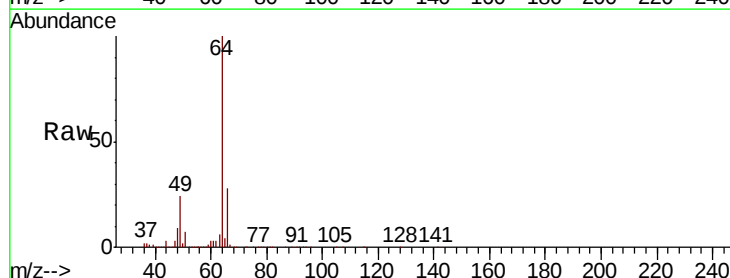
Acq: 28 Sep 2018 07:44

Tgt Ion: 64 Resp: 136428

Ion Ratio Lower Upper

64 100

66 30.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

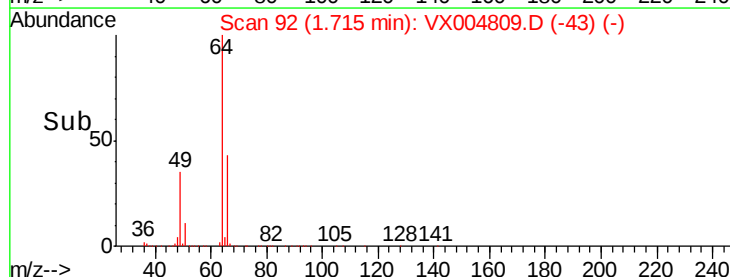
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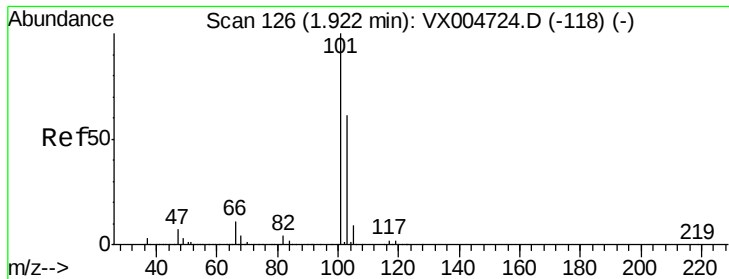
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Time-->





#7

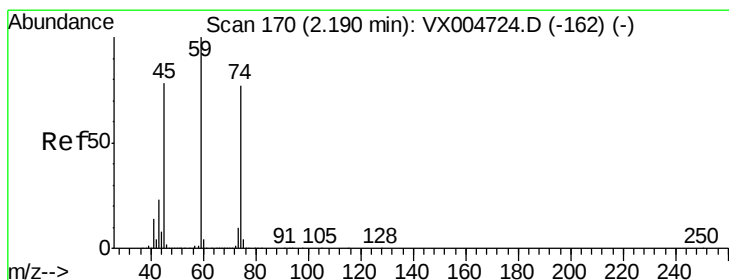
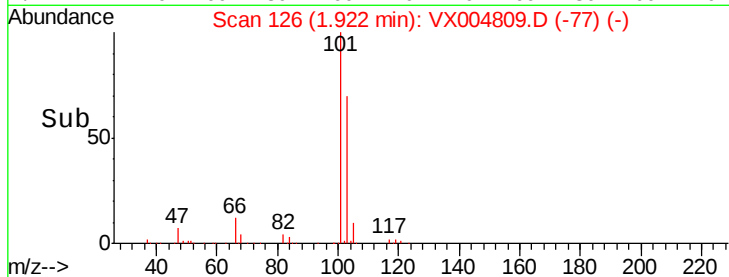
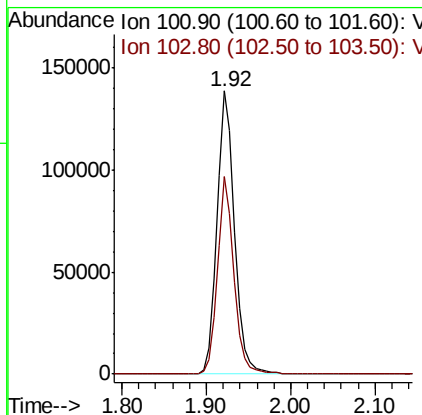
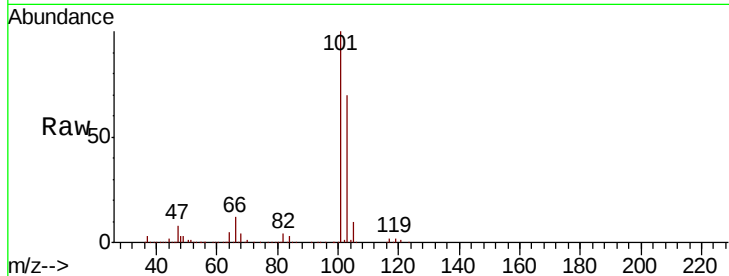
Trichlorofluoromethane
 Concen: 51.800 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	200086		
103	69.9	48.9	73.3	

Manual Integrations
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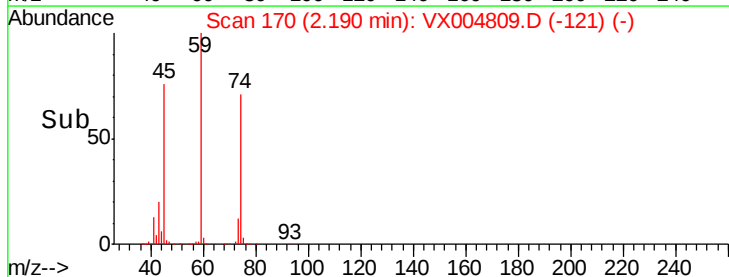
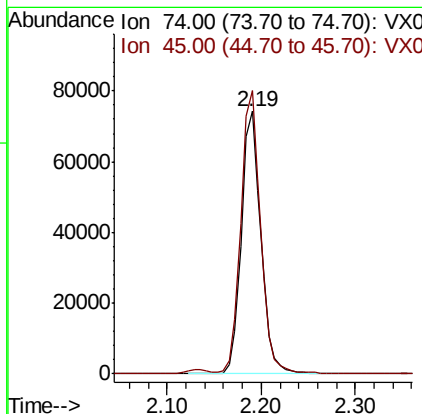
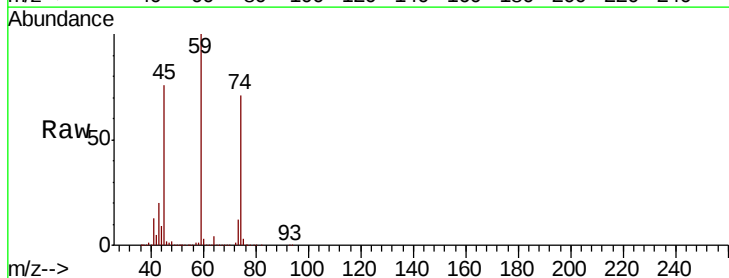
MMDadoda
 9/28/2018 2:26:13 PM

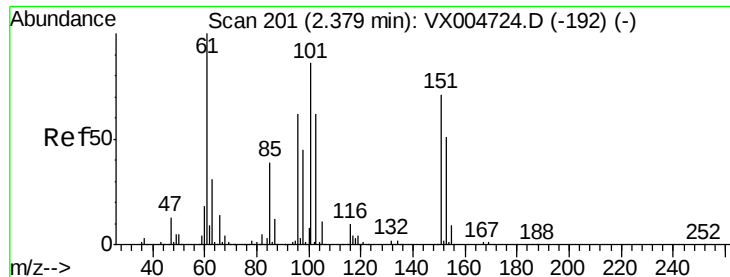


#8

Diethyl Ether
 Concen: 64.062 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	107500		
45	107.8	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 38.460 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

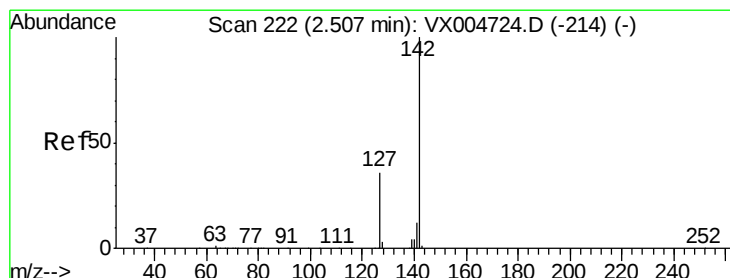
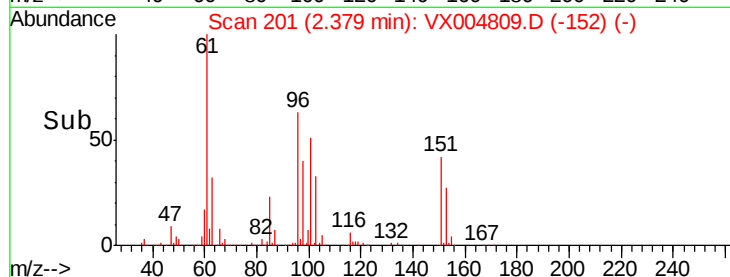
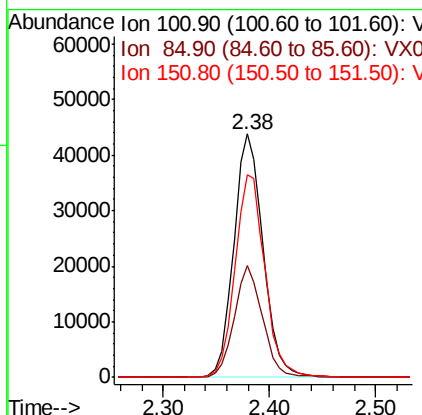
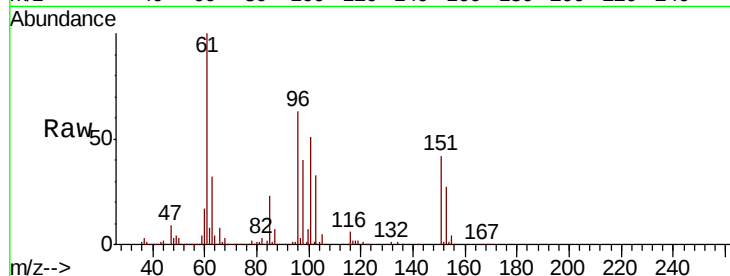
ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion:	101	Resp:	84622
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.2	51.4
151	84.6	65.0	97.6

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#10

Methyl Iodide

Concen: 38.942 ug/l

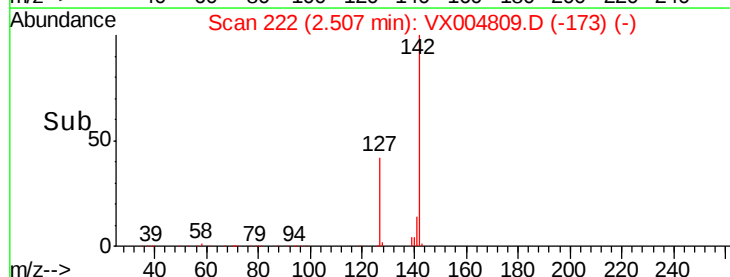
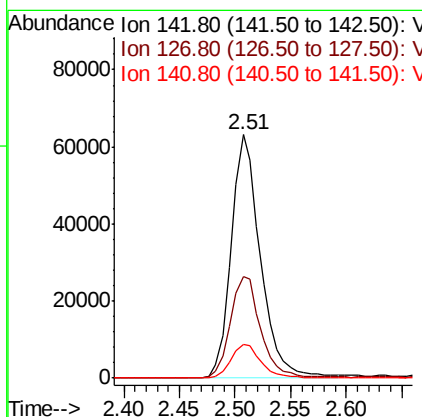
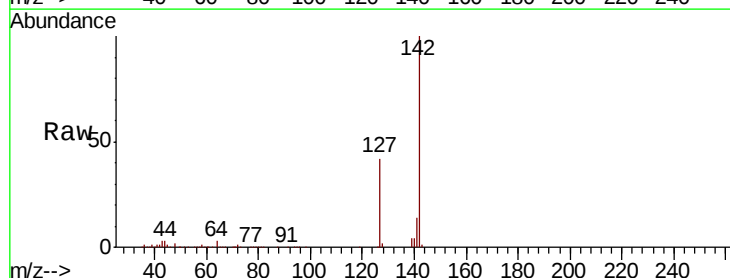
RT: 2.51 min Scan# 222

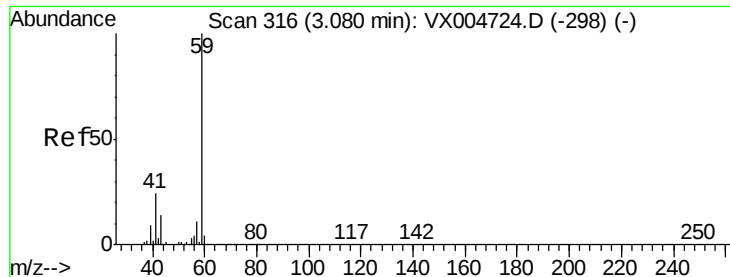
Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion:	142	Resp:	114659
Ion Ratio	Lower	Upper	
142	100		
127	43.8	33.8	50.6
141	14.1	11.4	17.0





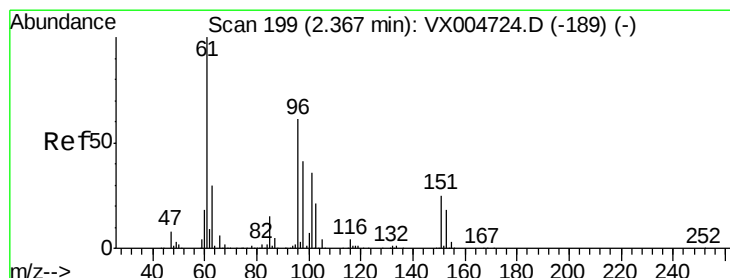
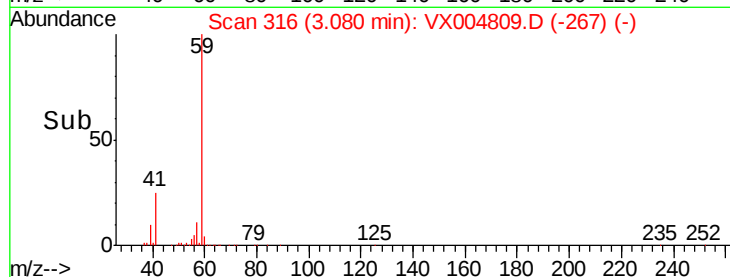
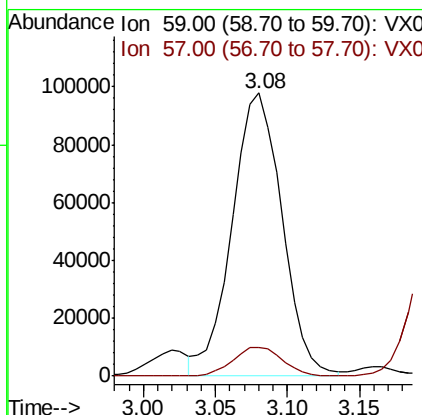
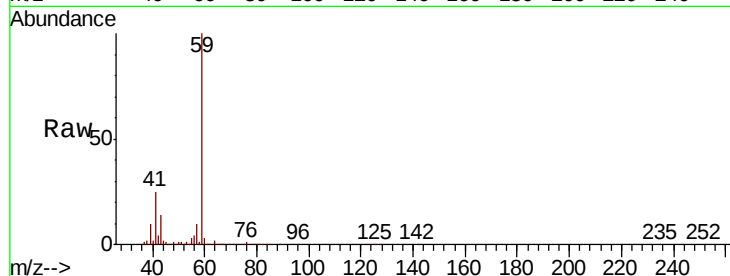
#11
Tert butyl alcohol
Concen: 293.806 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

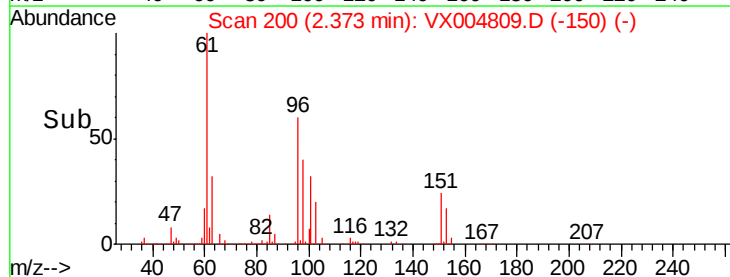
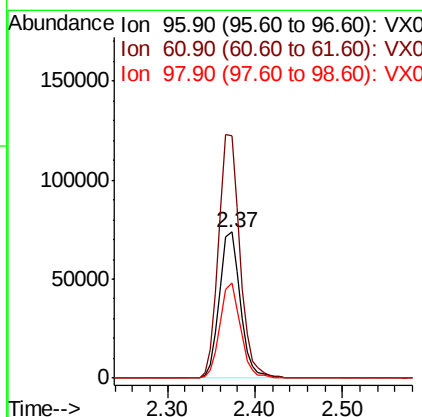
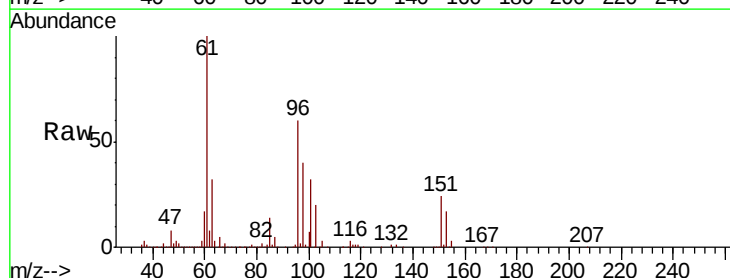
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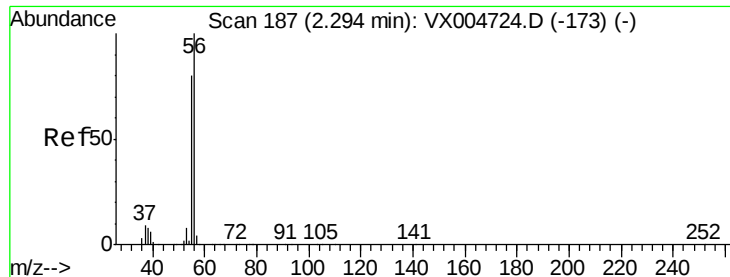
MMDadoda
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#12
1,1-Dichloroethene
Concen: 55.846 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.9	128.8	193.2
98	65.6	52.2	78.2





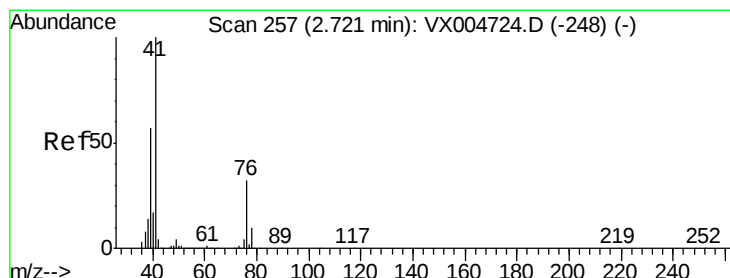
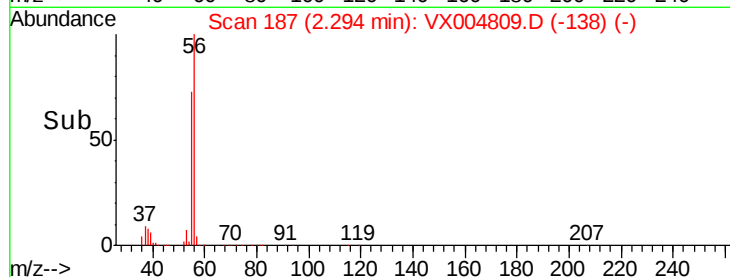
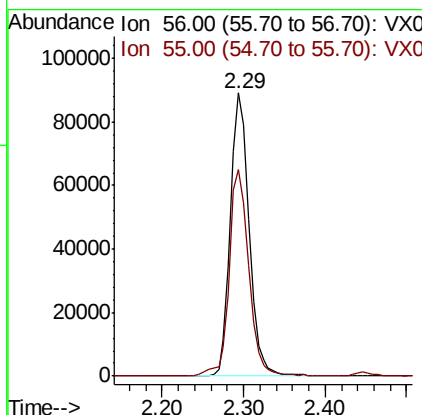
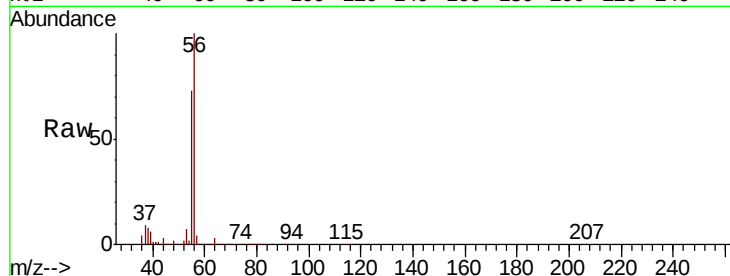
#13
Acrolein
Concen: 245.790 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	56	Resp	140471
Ion Ratio	100	Lower	Upper
55	75.6	54.7	82.1

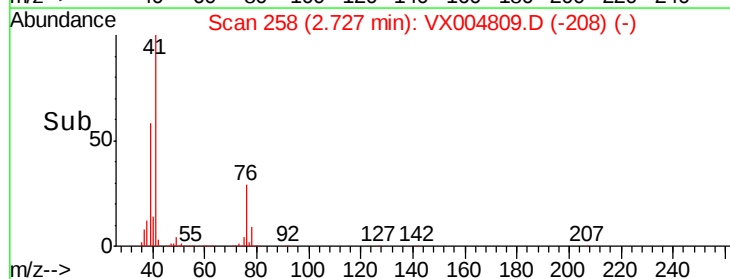
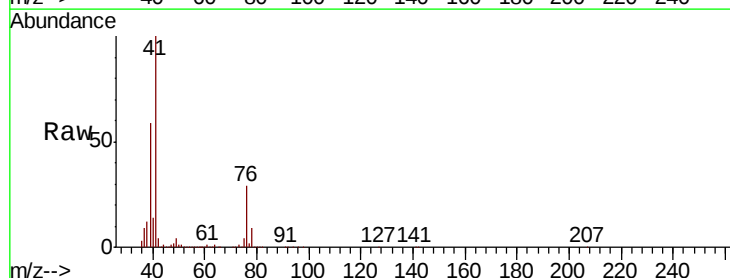
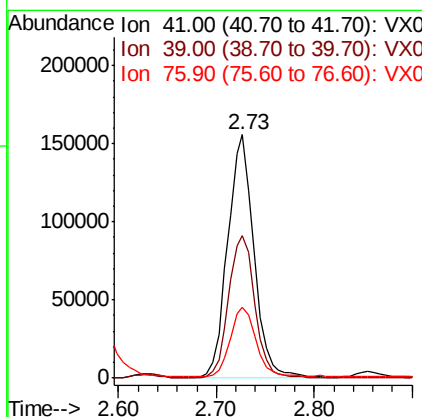
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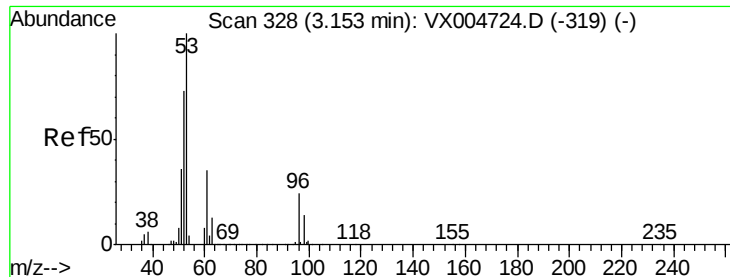
MMDadoda
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#14
Allyl chloride
Concen: 61.098 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	41	Resp	290485
Ion Ratio	100	Lower	Upper
39	57.9	48.9	73.3
76	29.2	26.7	40.1





#15

Acrylonitrile

Concen: 309.545 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

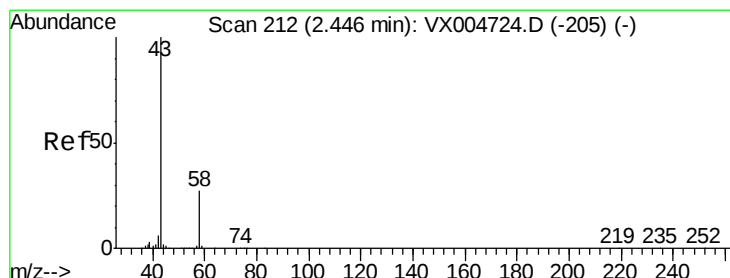
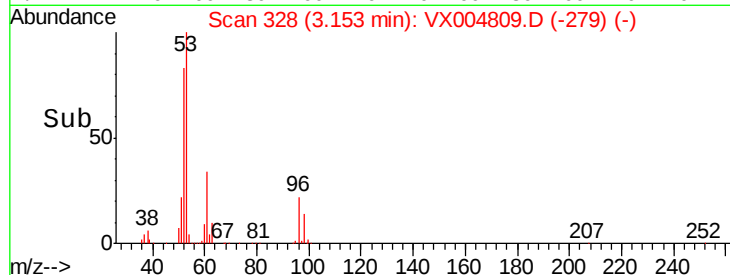
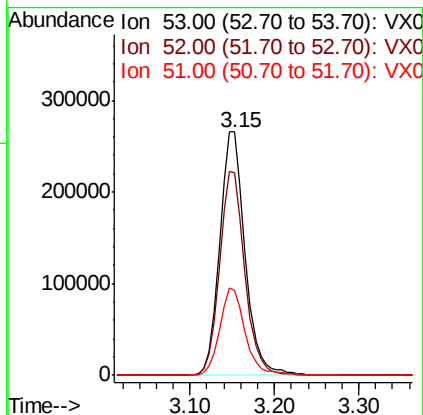
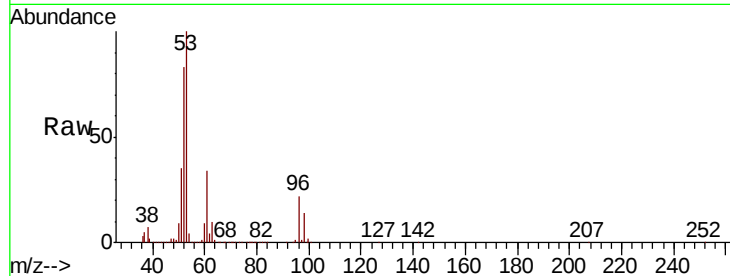
ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion:	53	Resp:	547356
Ion Ratio	Lower	Upper	
53	100		
52	83.4	65.2	97.8
51	36.0	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 297.993 ug/l

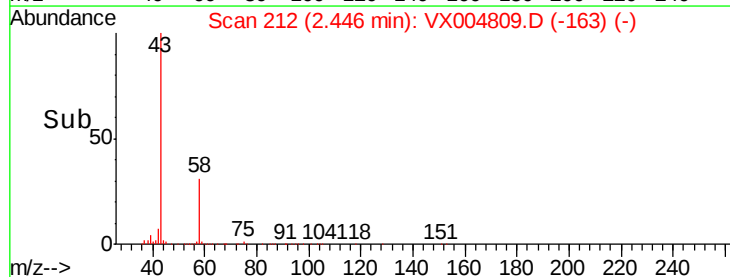
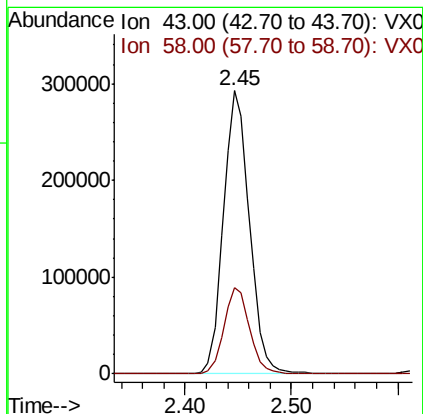
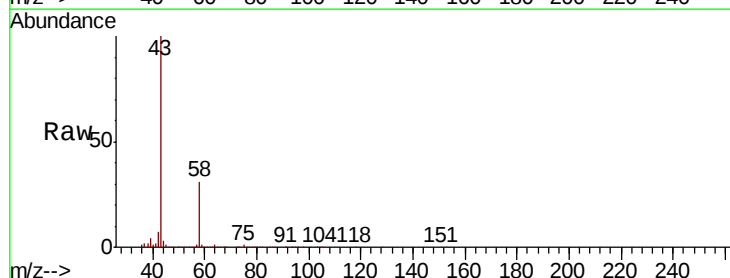
RT: 2.45 min Scan# 212

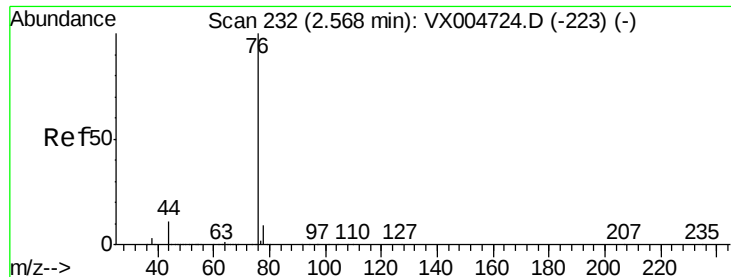
Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion:	43	Resp:	499785
Ion Ratio	Lower	Upper	
43	100		
58	30.6	26.2	39.4





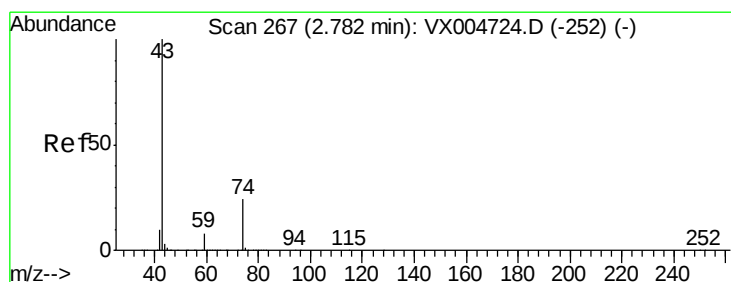
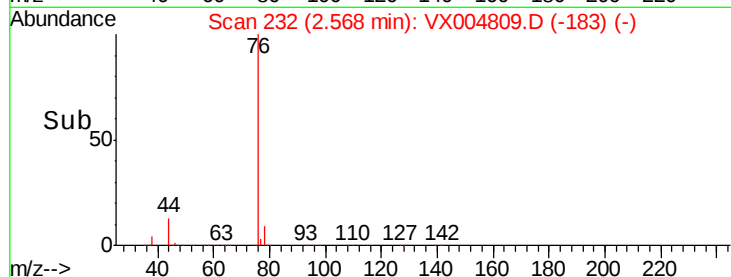
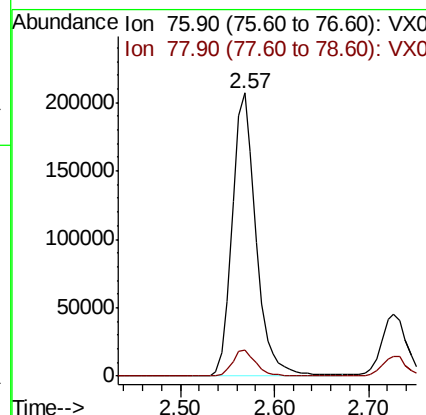
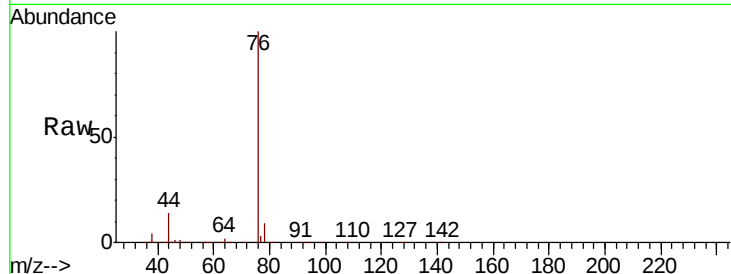
#17
Carbon Disulfide
Concen: 55.538 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

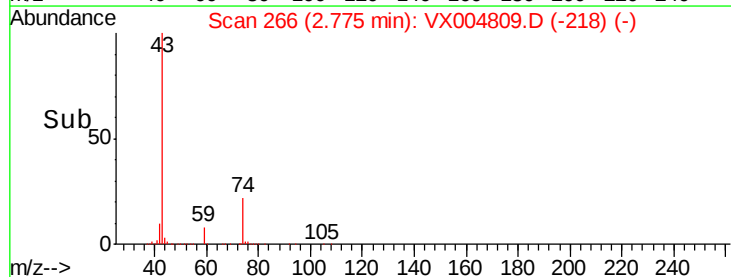
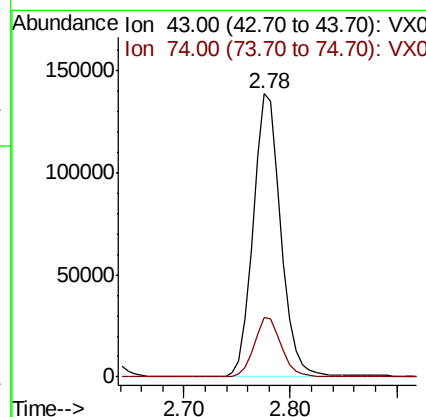
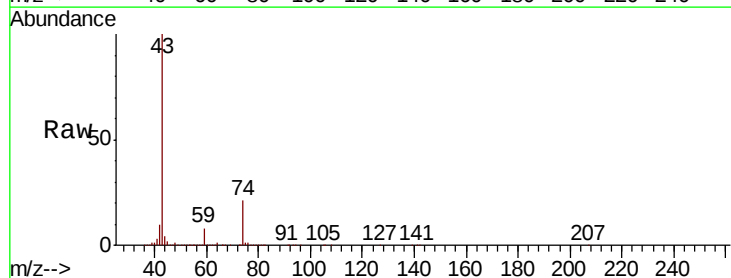
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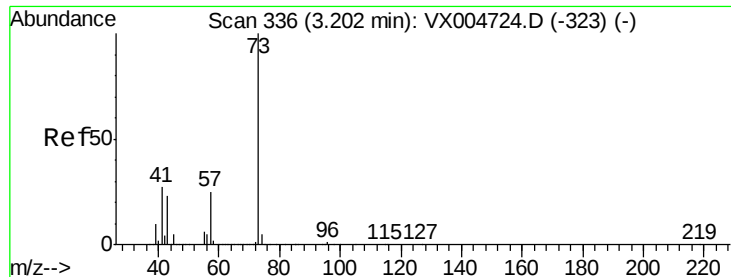
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#18
Methyl Acetate
Concen: 59.288 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	19.4	29.2





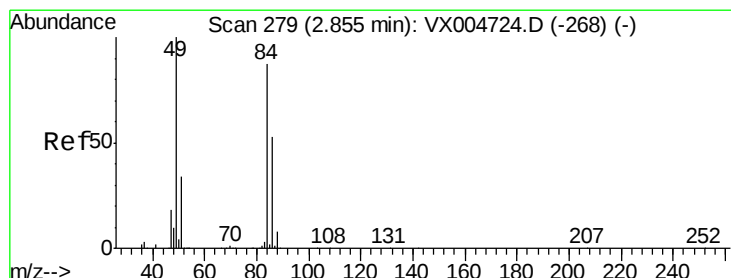
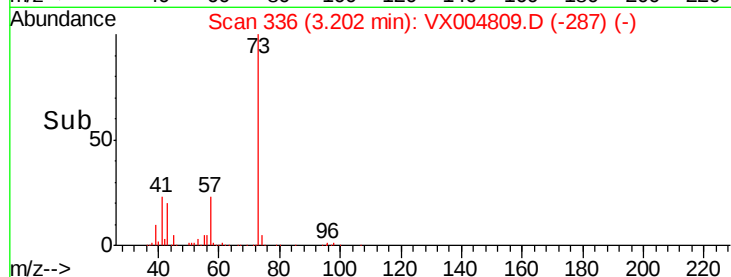
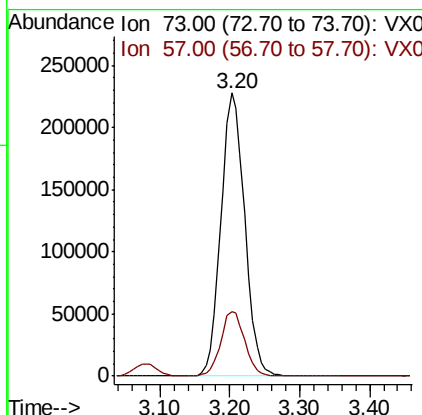
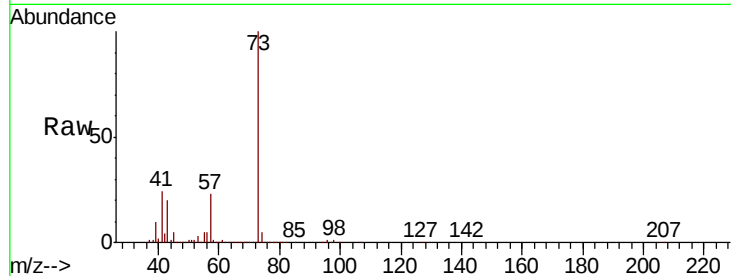
#19
Methvl tert-butvl Ether
Concen: 71.581 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.1	25.7

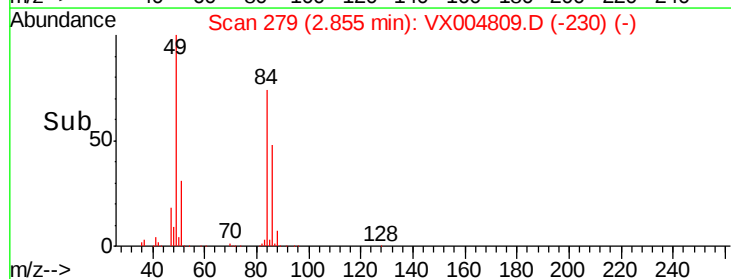
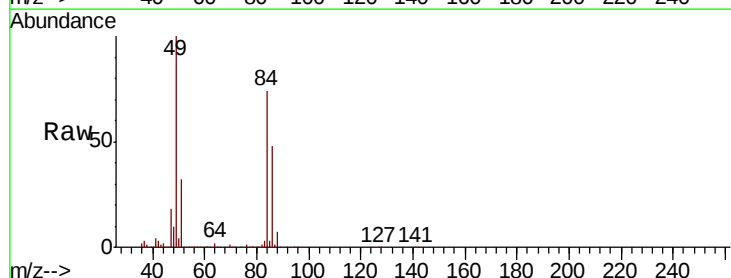
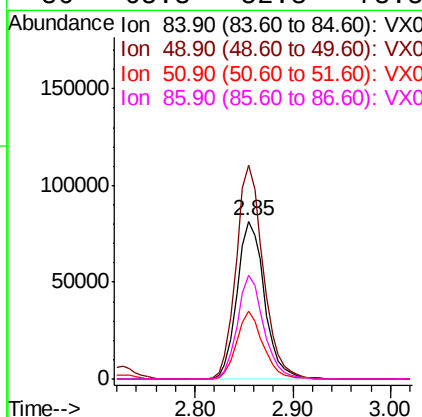
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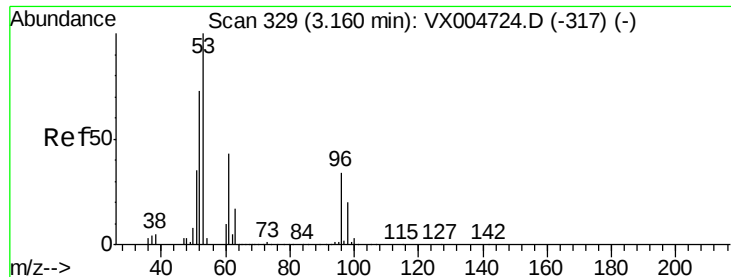
MMDadoda
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#20
Methylene Chloride
Concen: 65.398 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.1	101.2	151.8
51	42.5	29.5	44.3
86	65.3	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 56.537 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

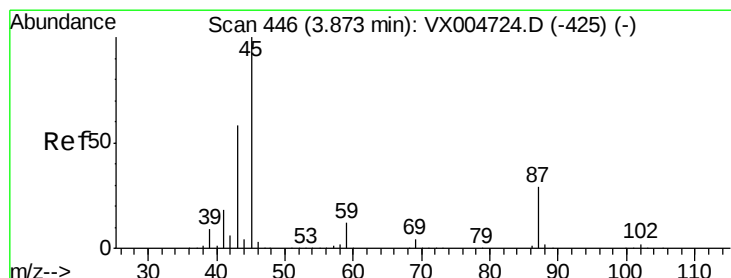
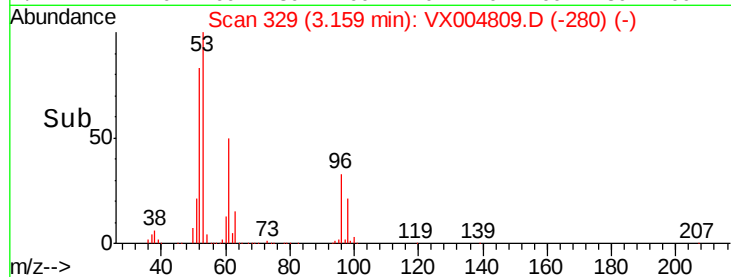
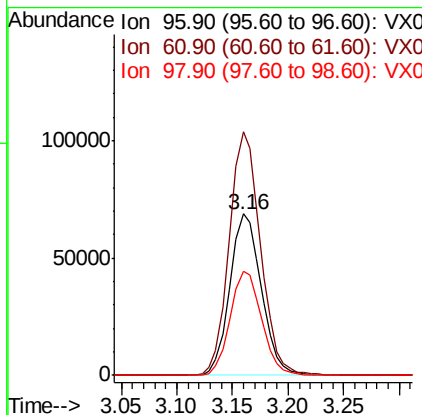
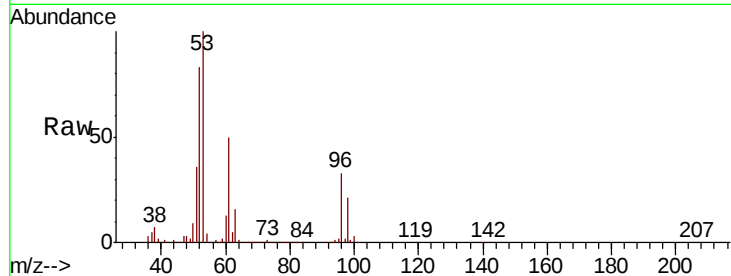
ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion:	96	Resp:	134860
Ion	Ratio	Lower	Upper
96	100		
61	151.0	113.8	170.6
98	65.0	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 64.266 ug/l

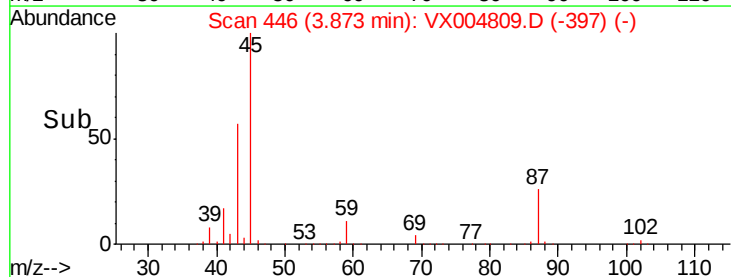
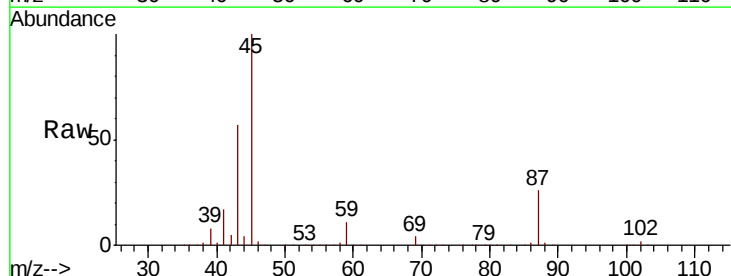
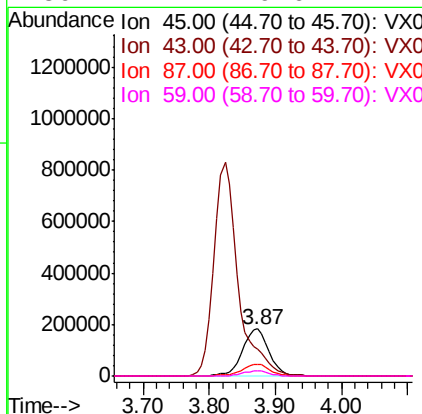
RT: 3.87 min Scan# 446

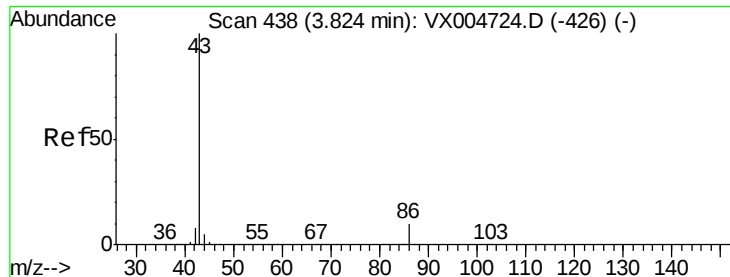
Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion:	45	Resp:	514518
Ion	Ratio	Lower	Upper
45	100		
43	57.0	42.8	64.2
87	25.7	22.6	34.0
59	11.2	9.6	14.4





#23

Vinyl Acetate

Concen: 289.542 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion: 43 Resp: 2121882

Ion Ratio Lower Upper

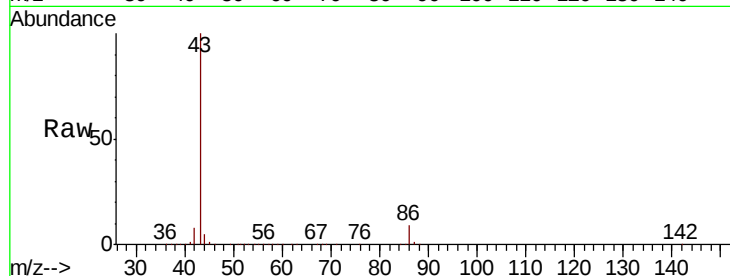
43 100

86 9.4 8.9 13.3

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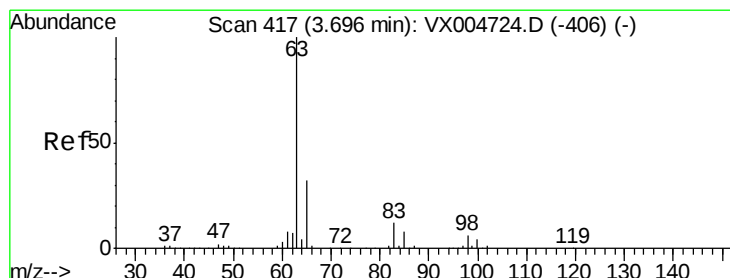
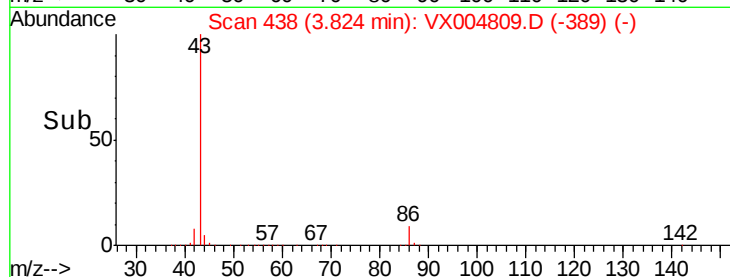
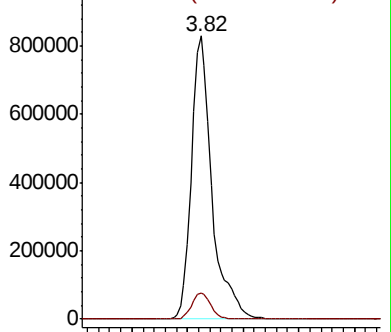
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 56.342 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

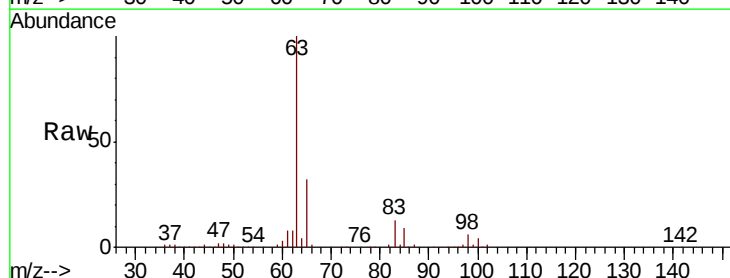
Tgt Ion: 63 Resp: 269073

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

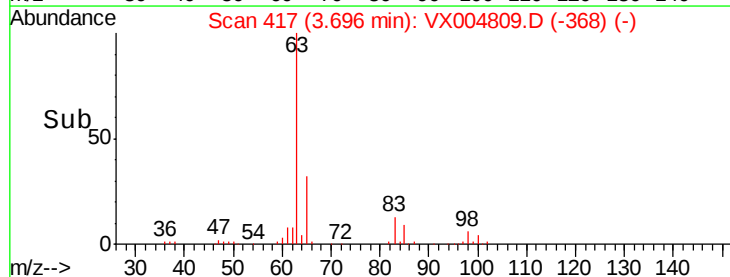
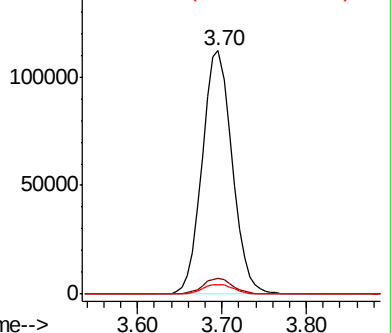
100 3.9 2.4 7.1

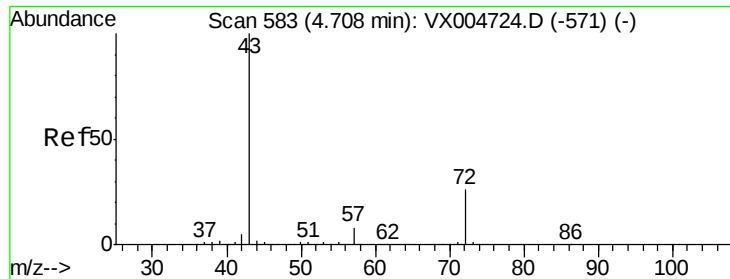


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 304.344 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion: 43 Resp: 752400

Ion Ratio Lower Upper

43 100

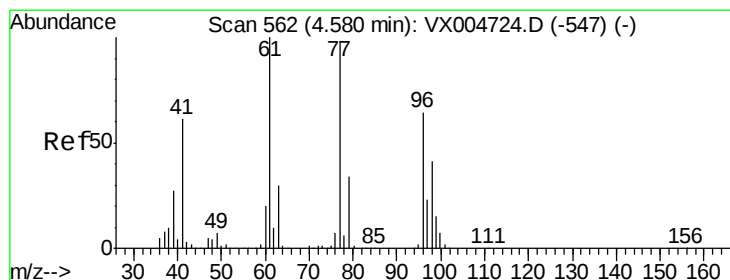
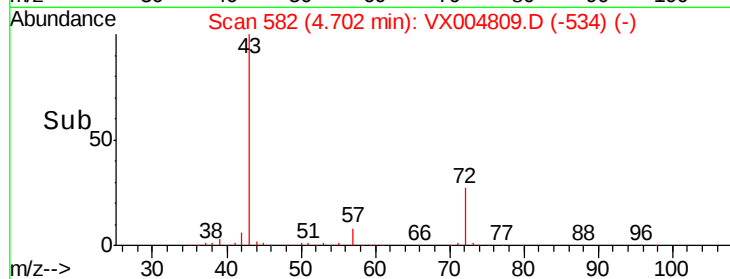
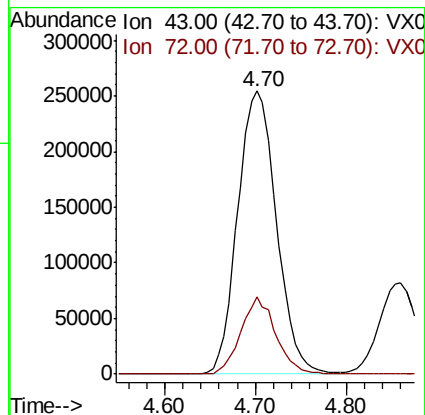
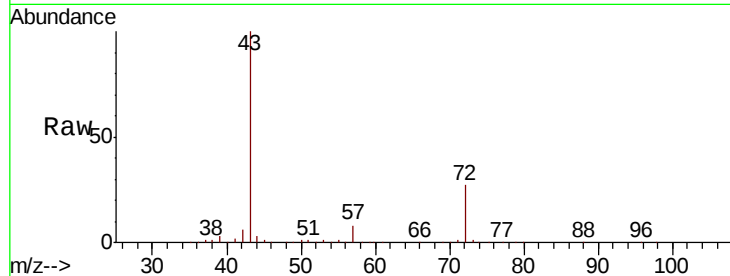
72 27.2 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 37.527 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004809.D

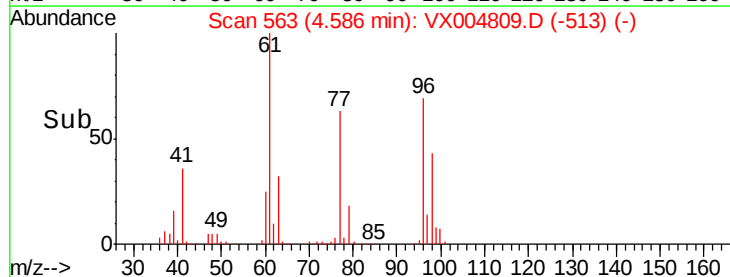
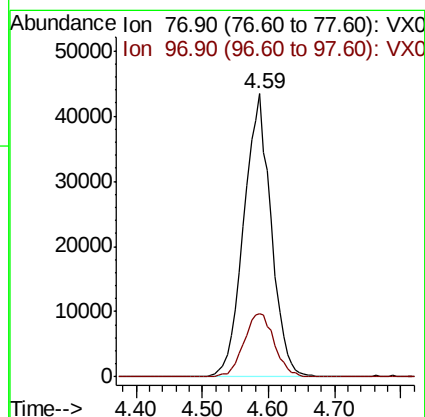
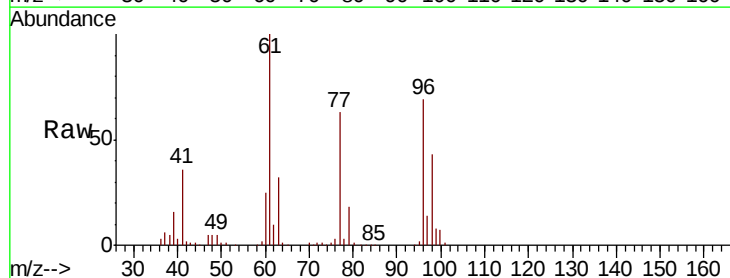
Acq: 28 Sep 2018 07:44

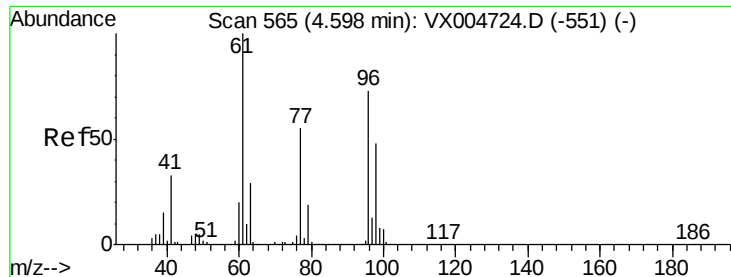
Tgt Ion: 77 Resp: 124798

Ion Ratio Lower Upper

77 100

97 24.8 11.7 35.0





#27

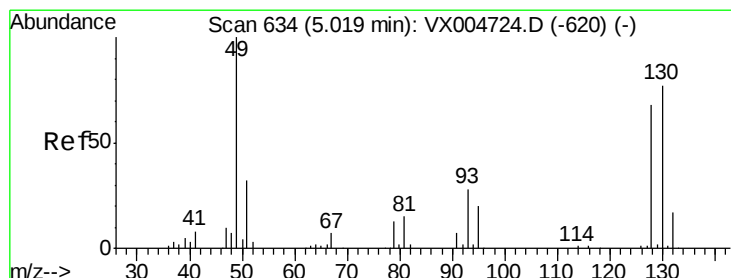
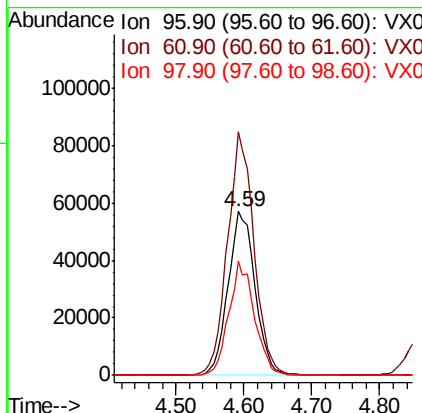
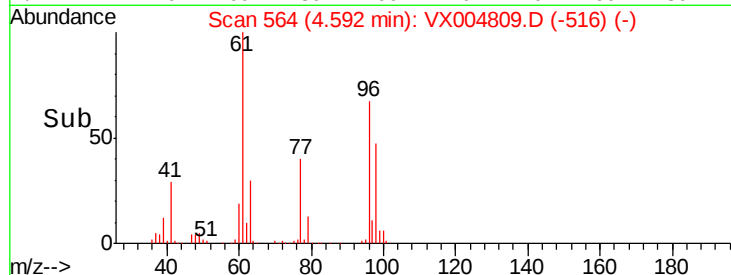
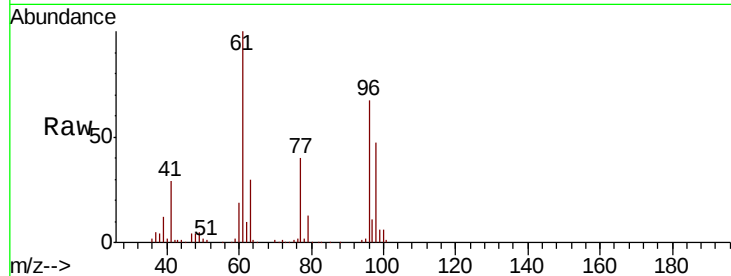
cis-1,2-Dichloroethene
 Concen: 58.853 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	156826		
61	145.8	0.0	282.6	
98	65.9	0.0	130.2	

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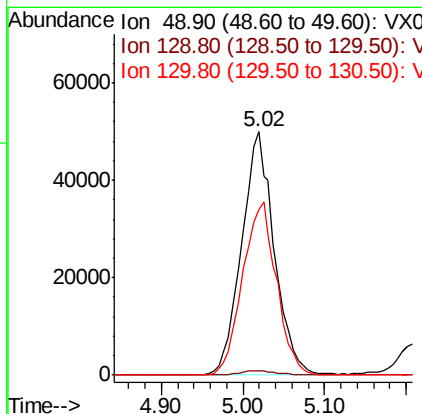
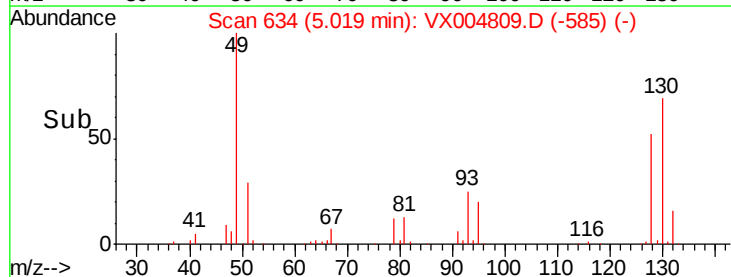
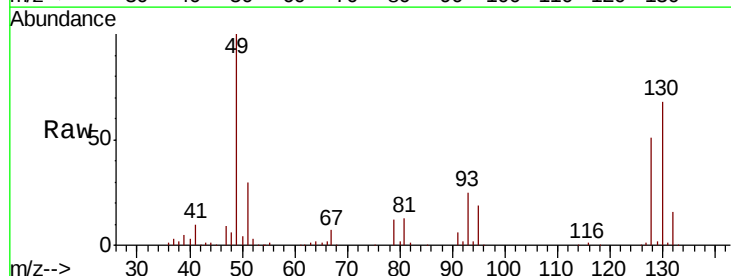
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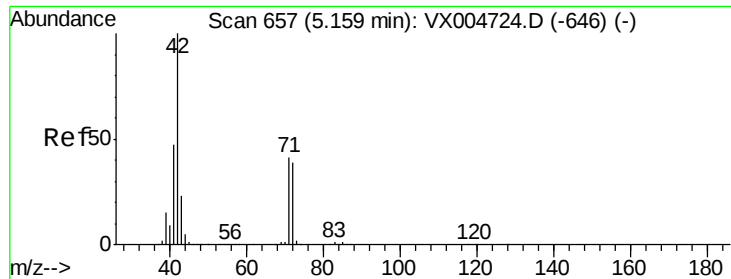


#28

Bromochloromethane
 Concen: 61.647 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	138641		
129	2.0	0.0	4.2	
130	74.1	67.5	101.3	





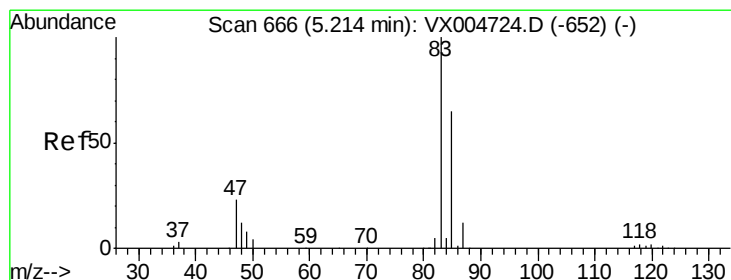
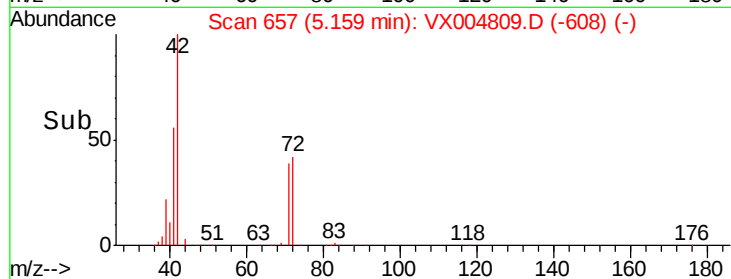
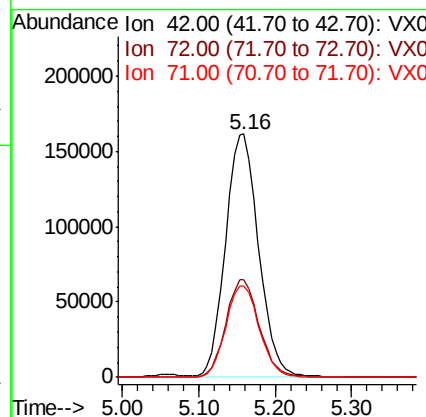
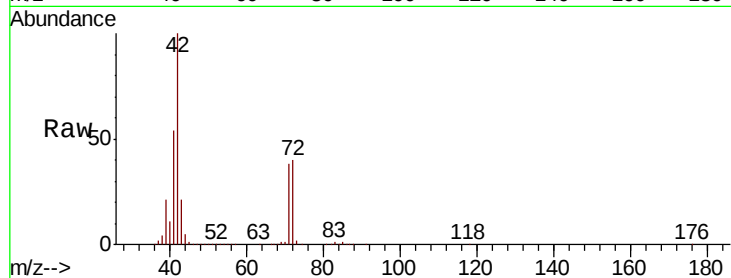
#29
Tetrahydrofuran
Concen: 314.462 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	37.4	56.0
71	38.1	34.5	51.7

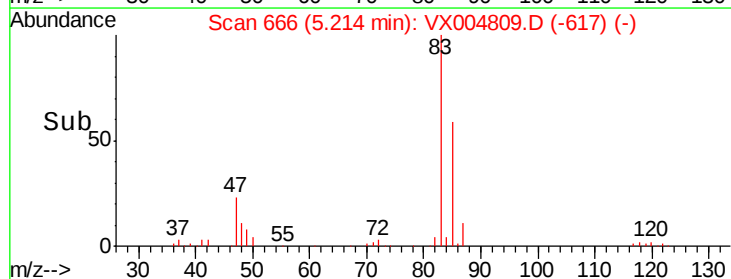
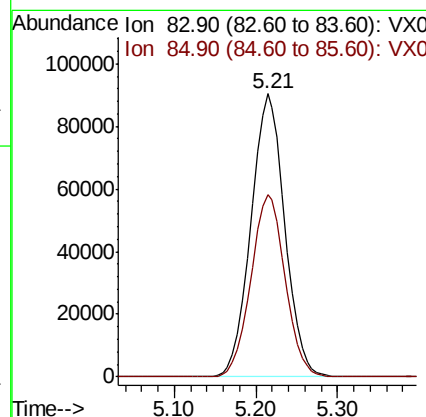
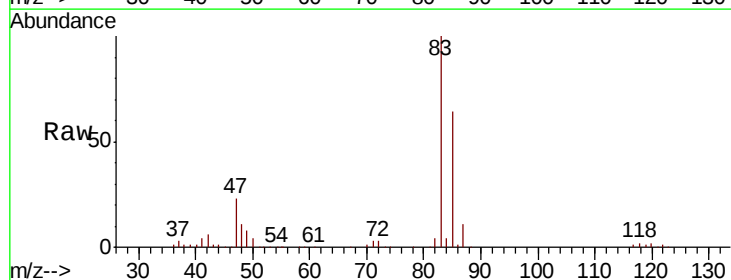
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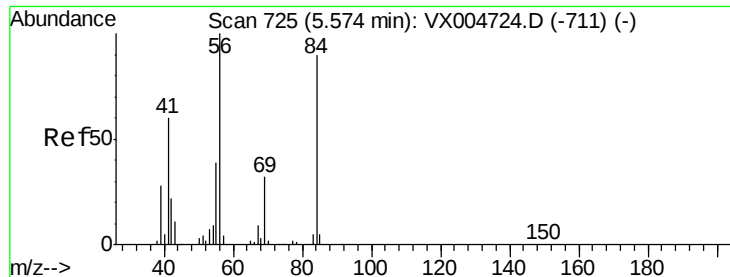
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#30
Chloroform
Concen: 57.873 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.6	79.0





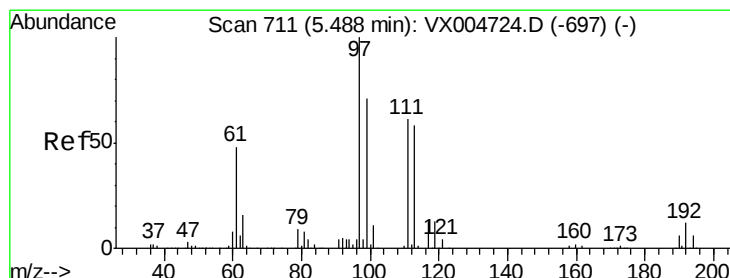
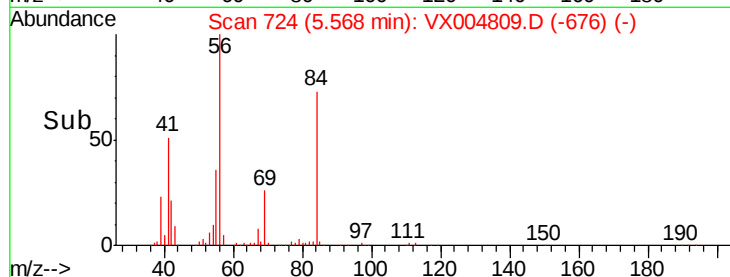
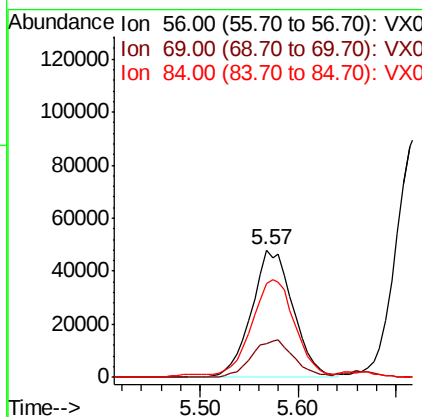
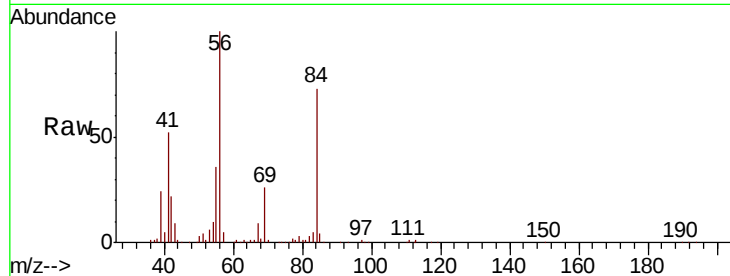
#31
Cyclohexane
Concen: 38.997 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.5	25.4	38.2
84	71.1	71.4	107.2#

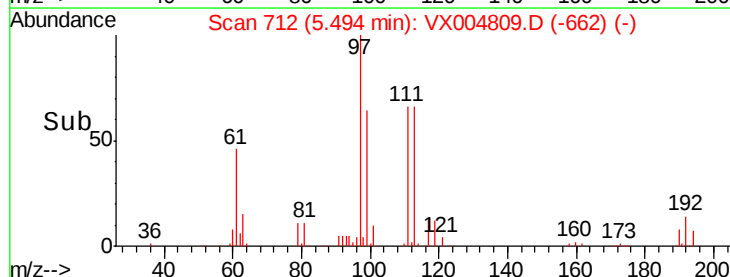
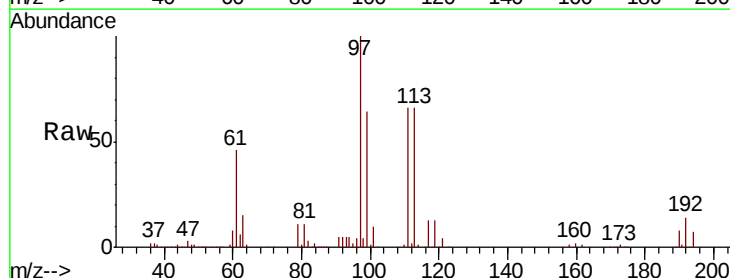
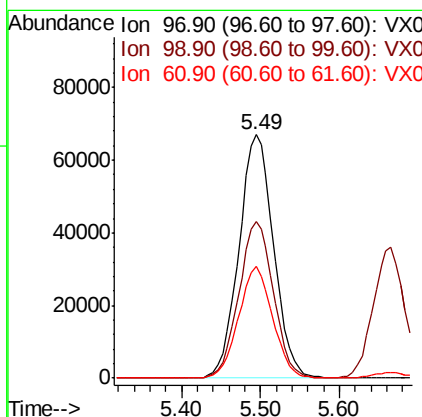
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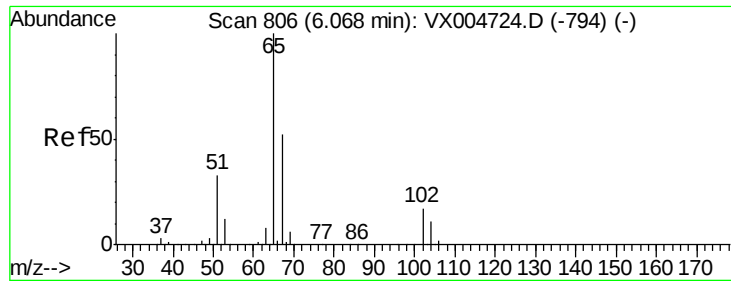
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#32
1,1,1-Trichloroethane
Concen: 55.396 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	45.1	34.9	52.3





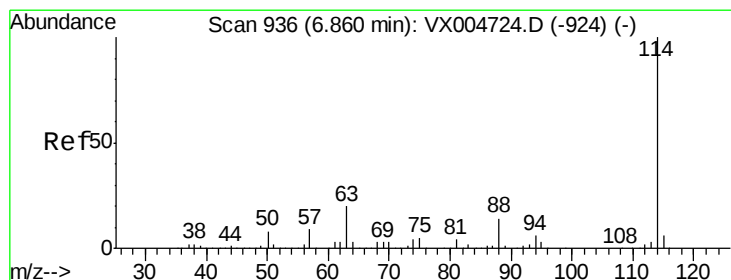
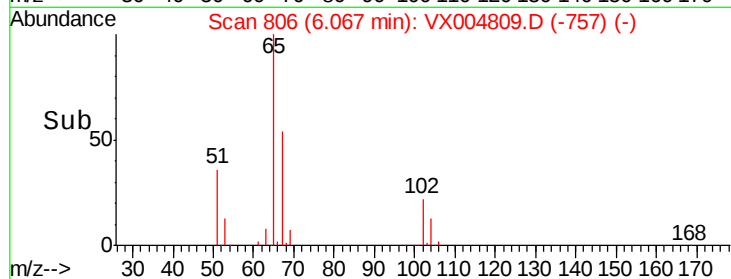
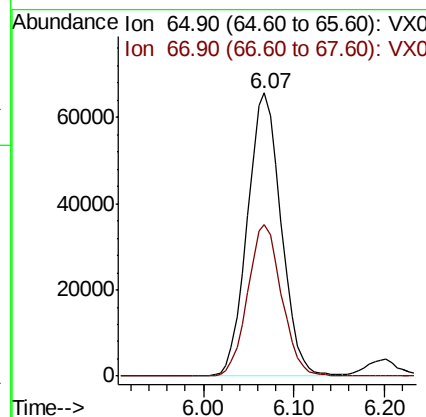
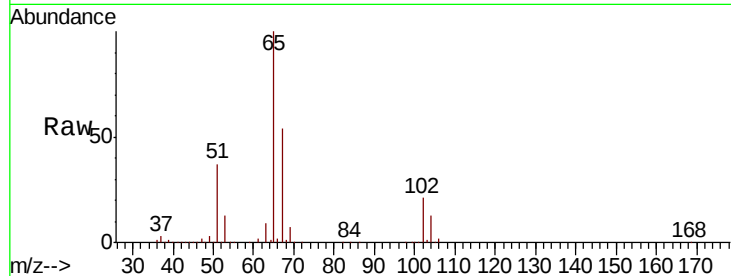
#33
 1,2-Dichloroethane-d4
 Concen: 58.998 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.8

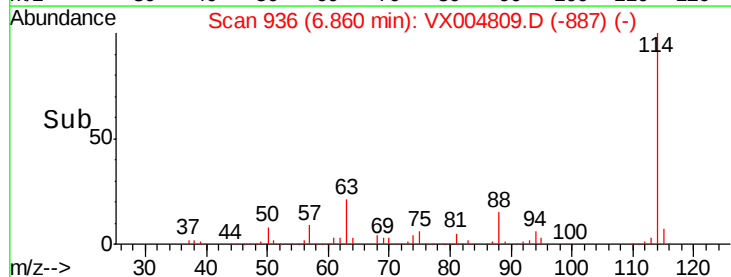
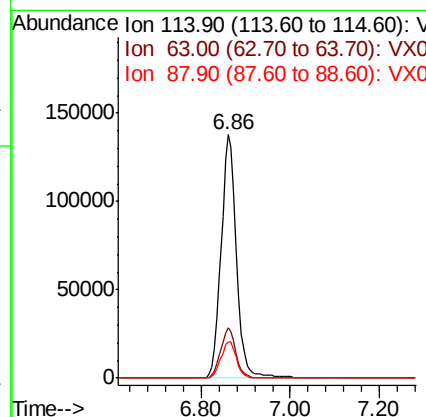
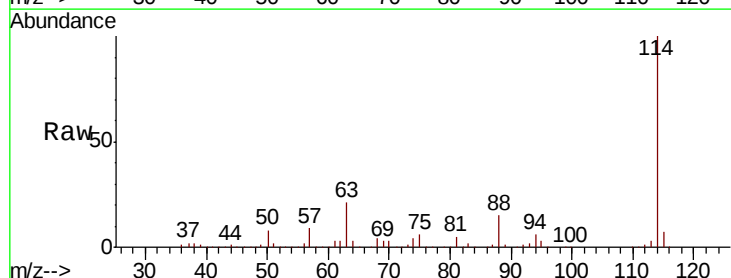
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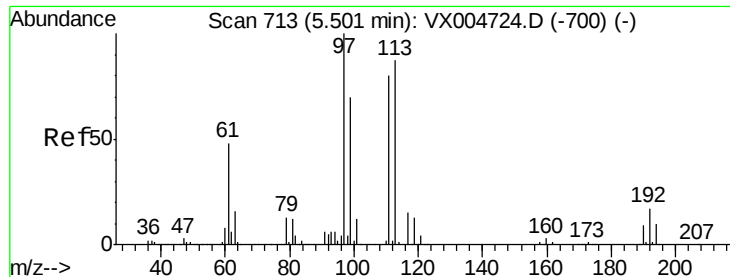
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.0
88	15.1	0.0	30.4





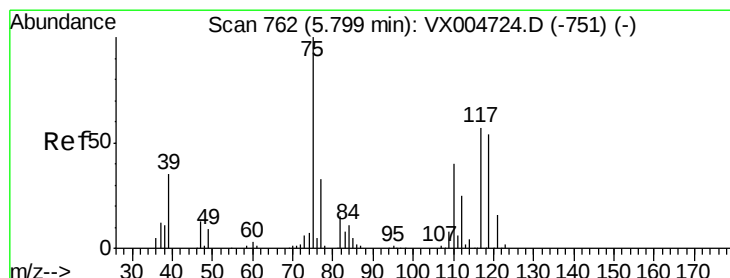
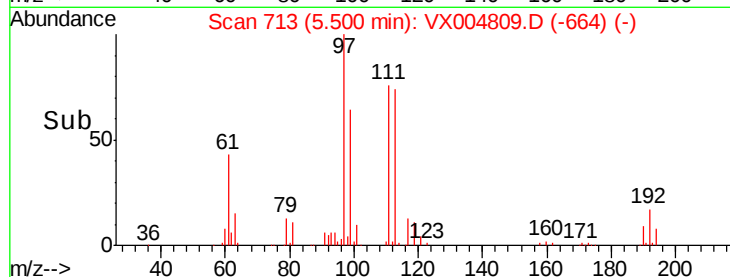
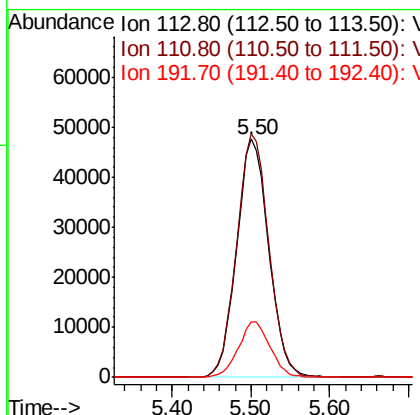
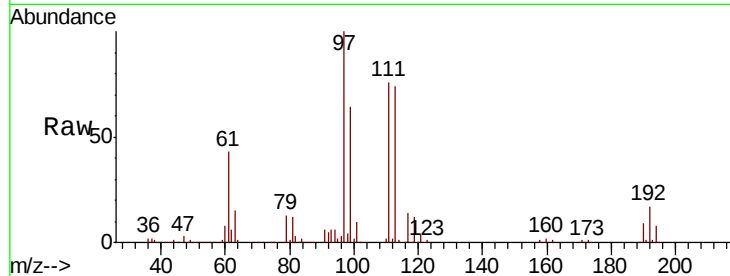
#35
 Dibromofluoromethane
 Concen: 48.077 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134780		
111	102.6	82.4	123.6	
192	23.0	19.4	29.2	

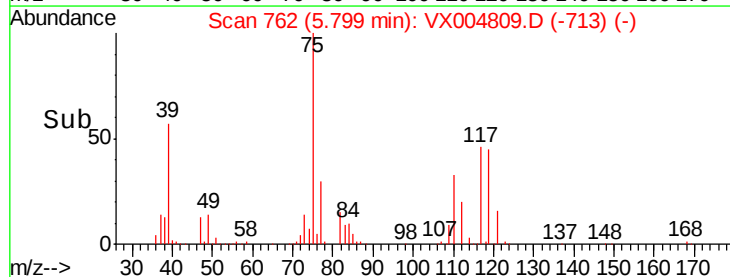
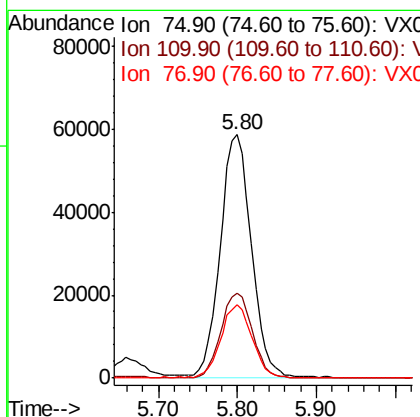
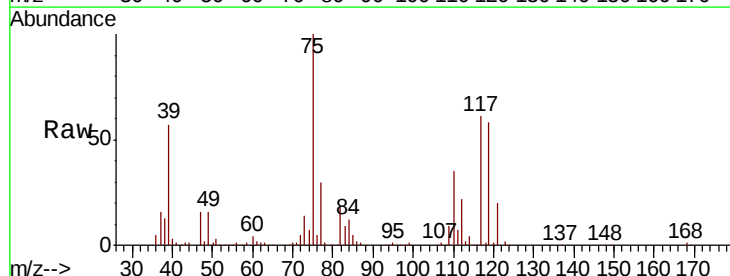
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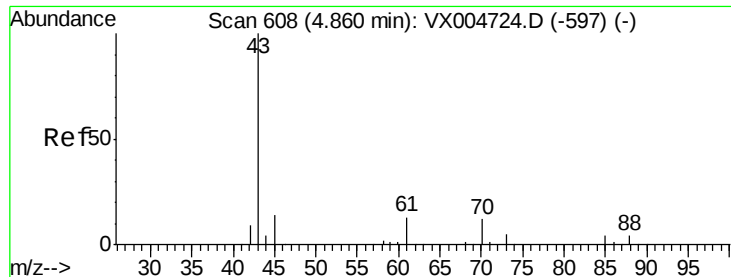
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#36
 1,1-Dichloropropene
 Concen: 41.995 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	160627		
110	35.5	18.0	54.0	
77	30.4	24.6	36.8	





#37

Ethyl Acetate

Concen: 48.134 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

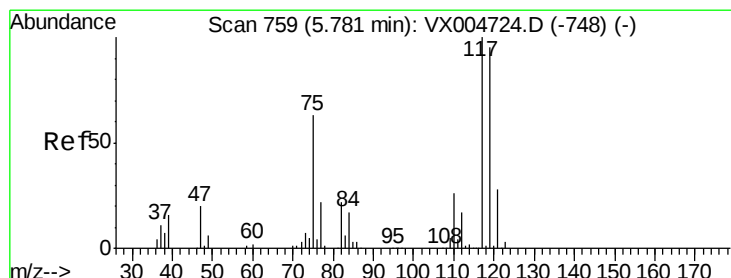
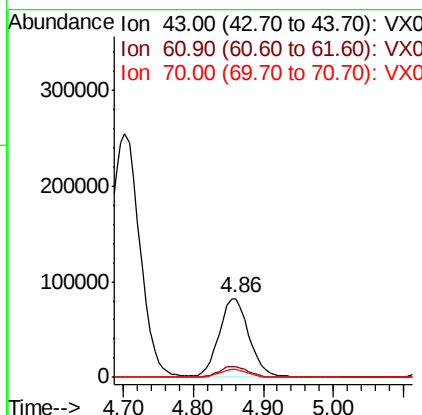
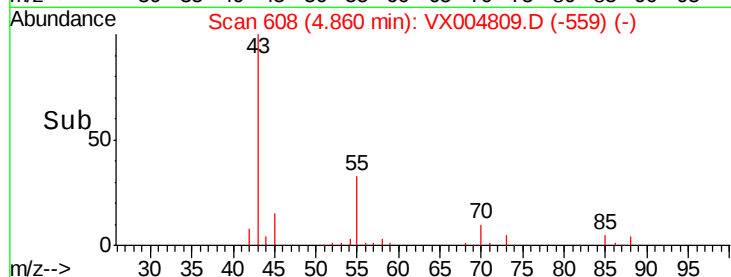
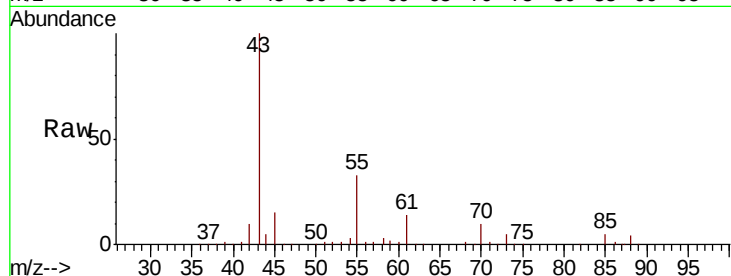
ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion:	43	Resp:	244383
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.5	17.3
70	9.9	9.0	13.6

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#38

Carbon Tetrachloride

Concen: 39.839 ug/l

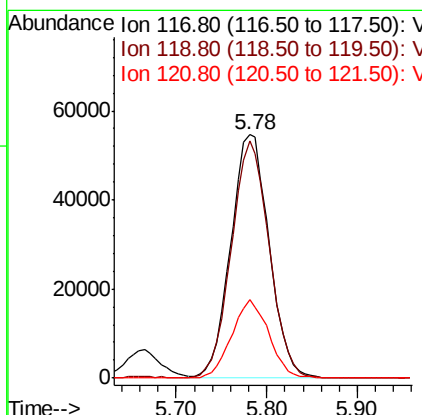
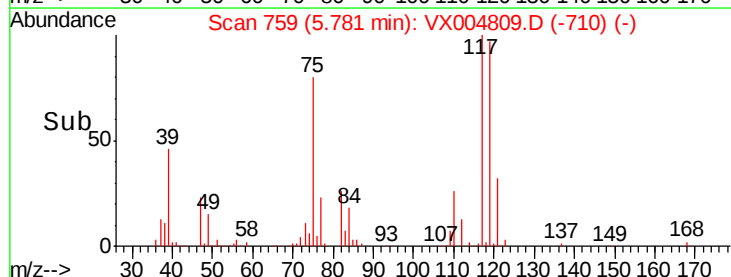
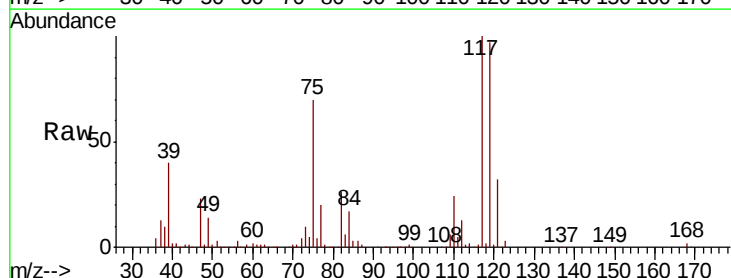
RT: 5.78 min Scan# 759

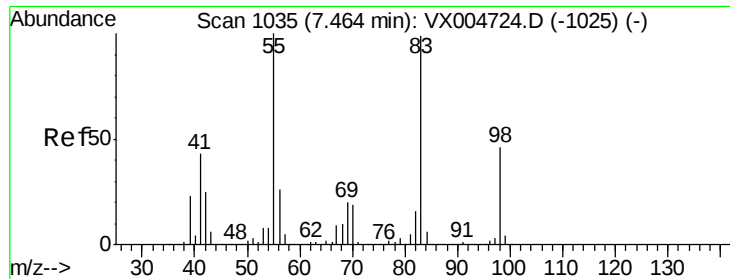
Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion:	117	Resp:	160179
Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.8	118.2
121	32.5	24.9	37.3





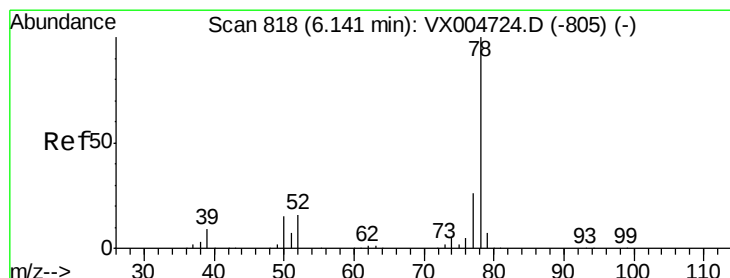
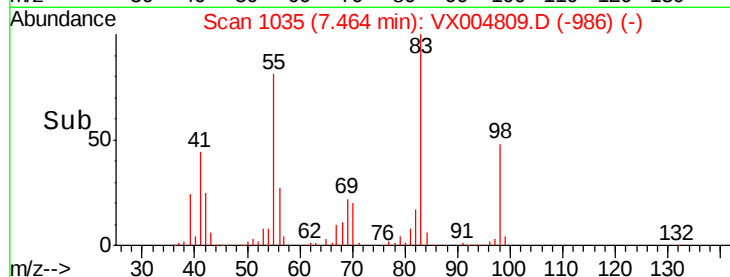
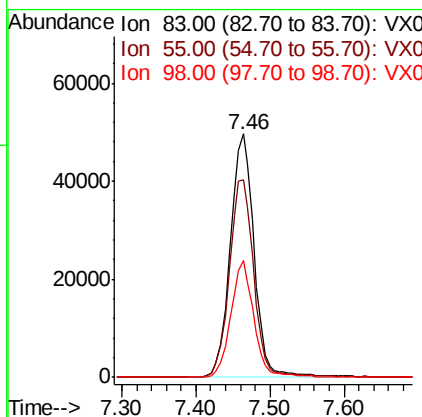
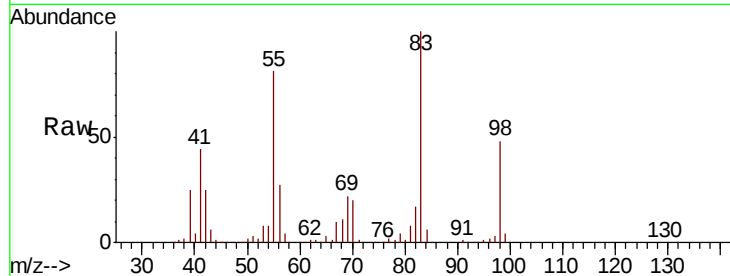
#39
Methvlcvclohexane
Concen: 28.530 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.2	61.0	91.4	
98	47.9	39.6	59.4	

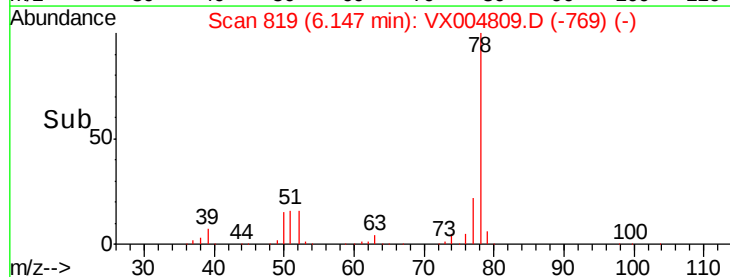
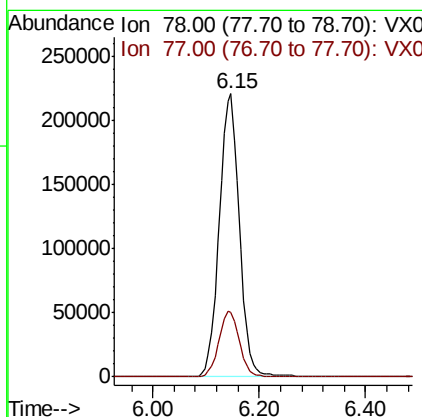
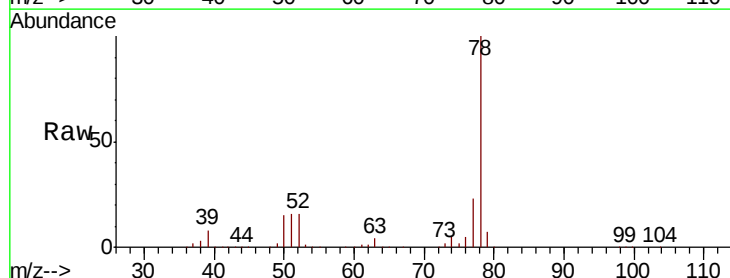
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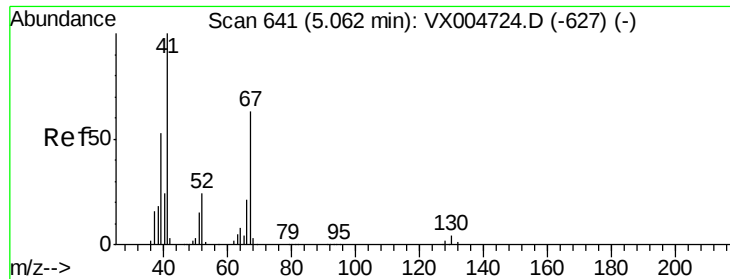
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#40
Benzene
Concen: 48.916 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.8	19.0	28.4	





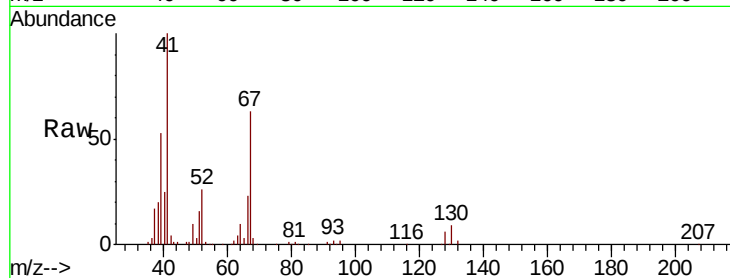
#41
Methacrylonitrile
Concen: 53.842 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleID :
T3-MW-7-10.0-091918MSD

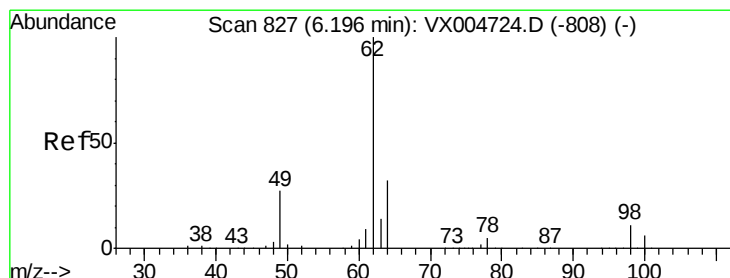
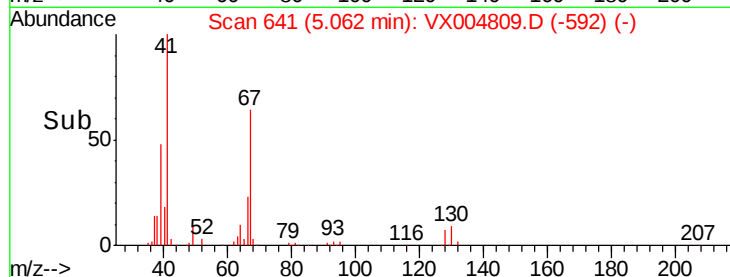
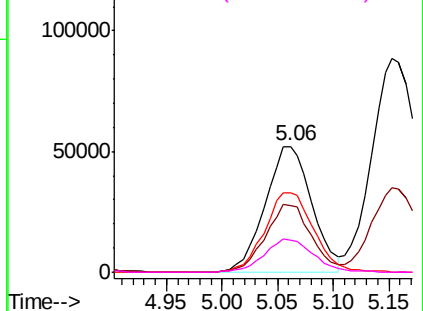
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		151600		
39	52.3	42.4	63.6		
67	66.5	59.2	88.8		
52	27.6	23.0	34.4		

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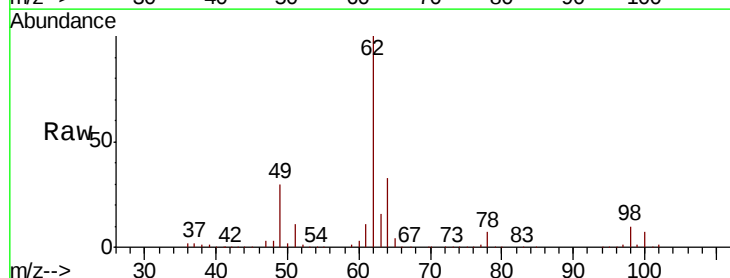


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

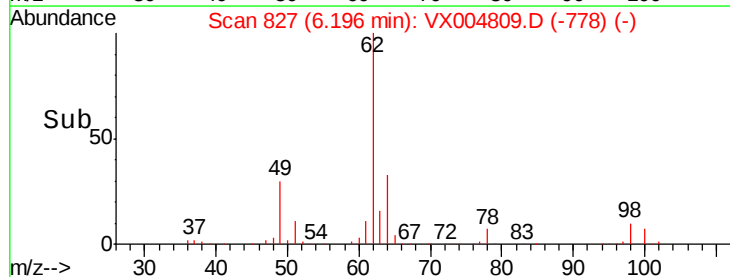
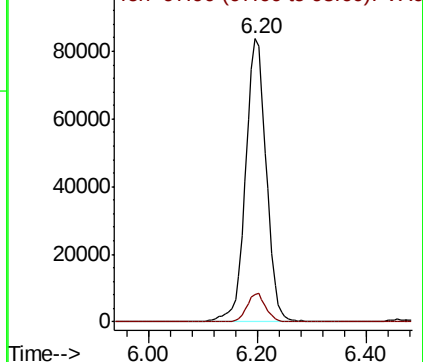


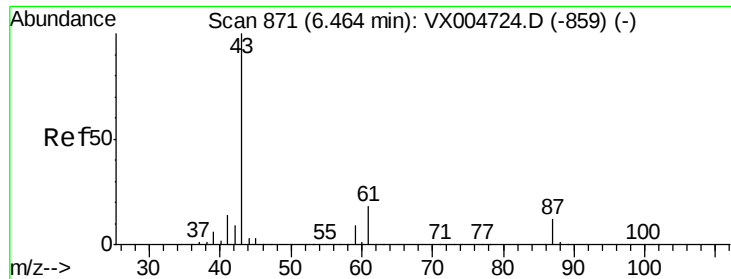
#42
1,2-Dichloroethane
Concen: 52.183 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		220895		
98	9.2	0.0	20.6		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.553 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

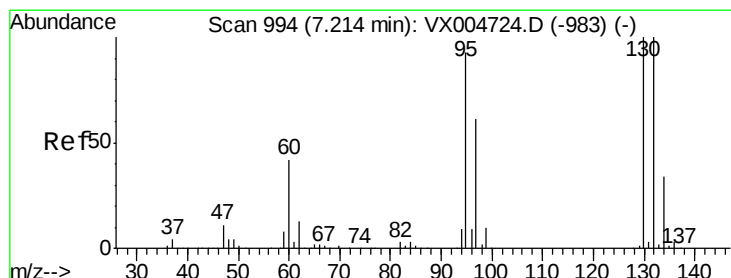
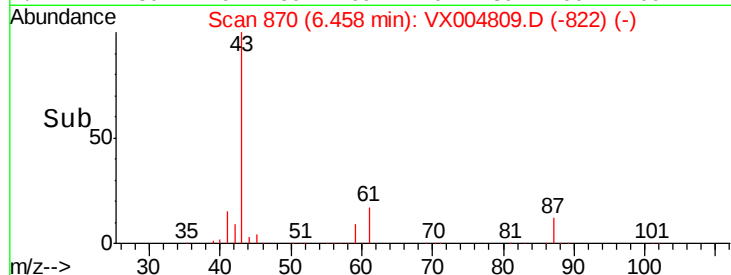
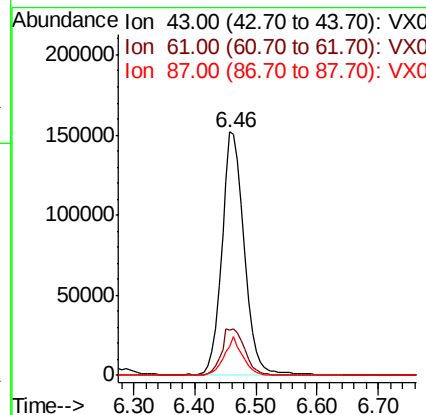
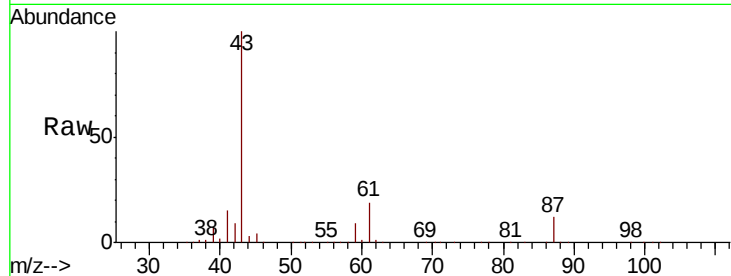
ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion:	43	Resp:	385113
Ion	Ratio	Lower	Upper
43	100		
61	20.3	17.0	25.4
87	13.0	11.4	17.2

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#44

Trichloroethene

Concen: 47.107 ug/l

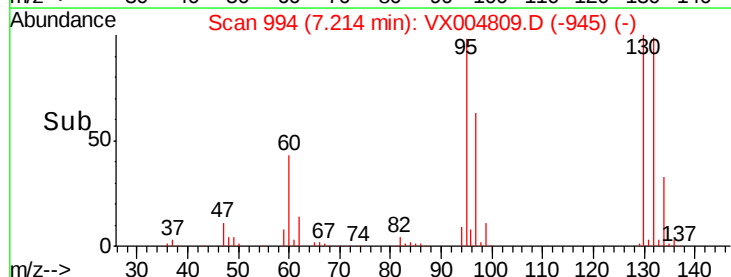
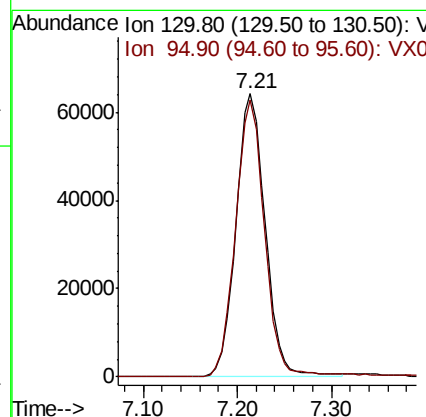
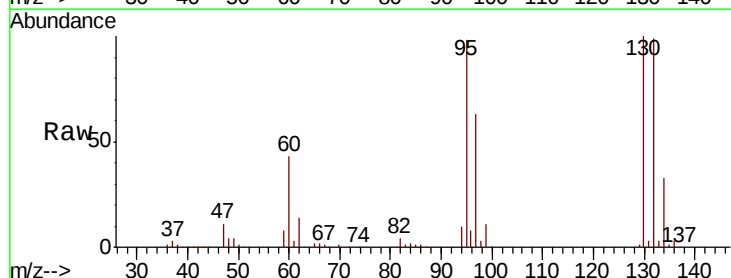
RT: 7.21 min Scan# 994

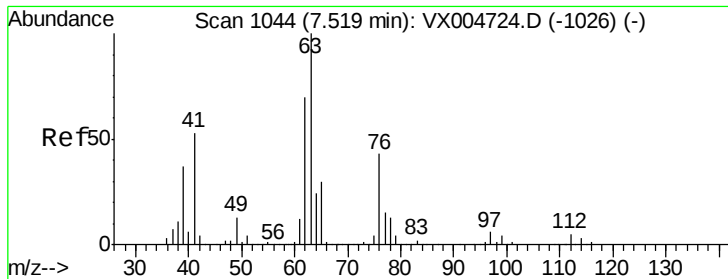
Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion:	130	Resp:	138668
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	181.6





#45

1,2-Dichloropropane

Concen: 55.085 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion: 63 Resp: 161758

Ion Ratio Lower Upper

63 100

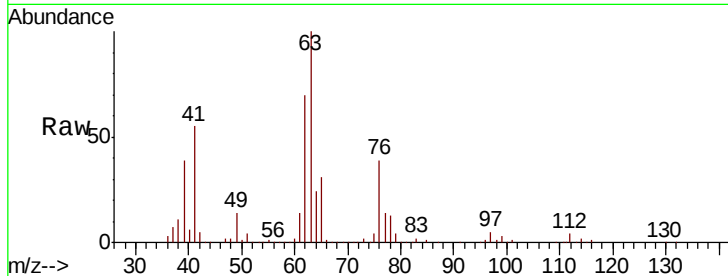
65 30.7 24.3 36.5

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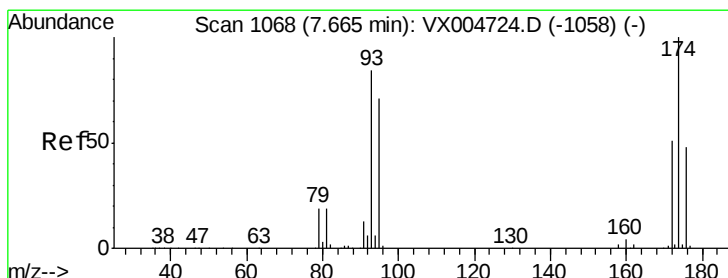
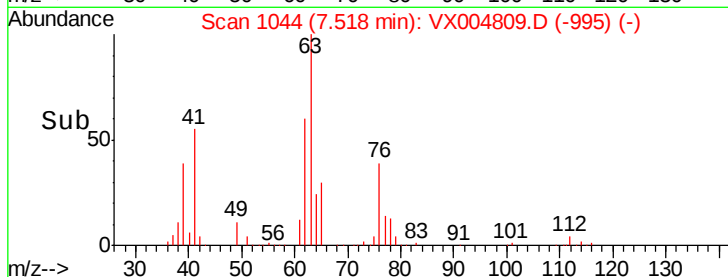
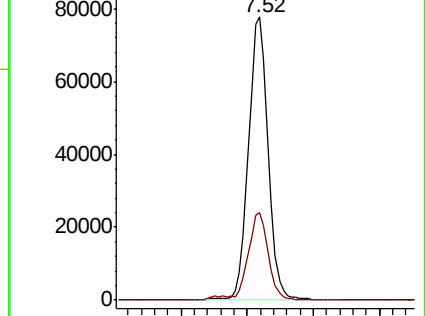
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 56.526 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

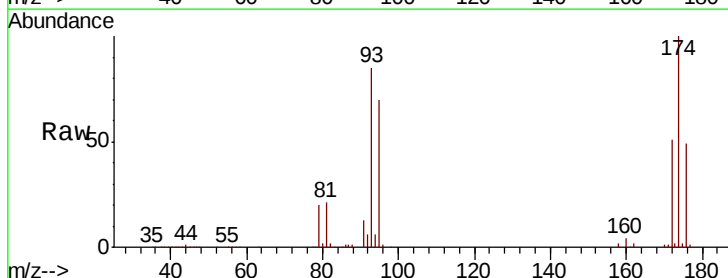
Tgt Ion: 93 Resp: 104318

Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

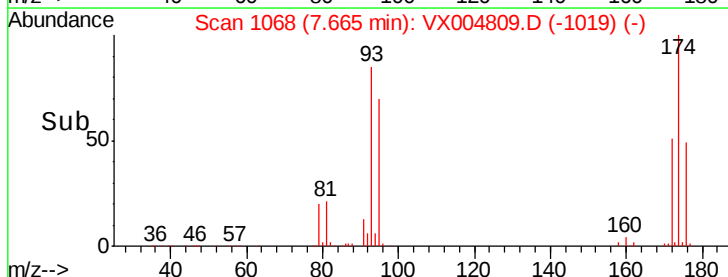
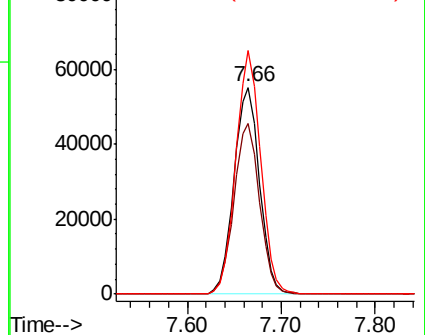
174 114.3 94.2 141.4

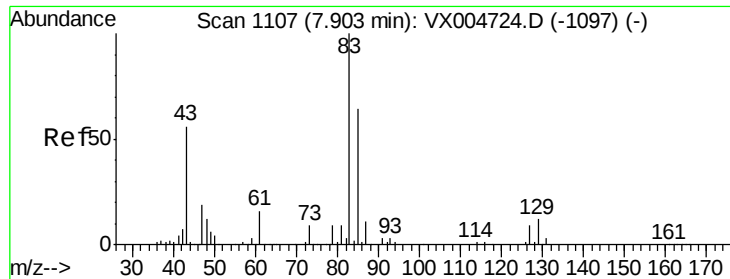


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.184 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

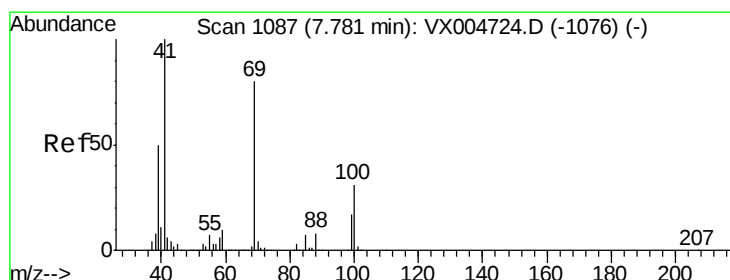
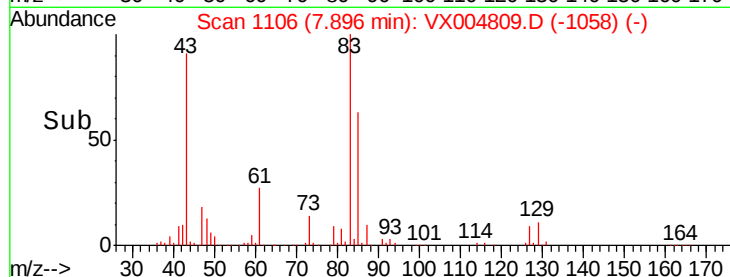
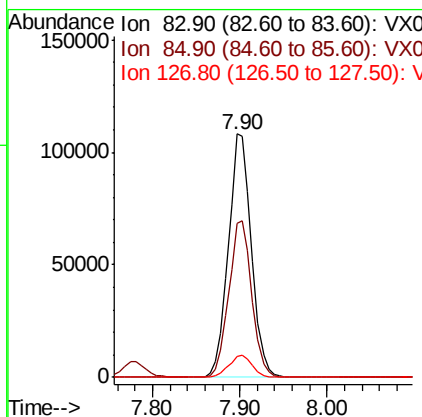
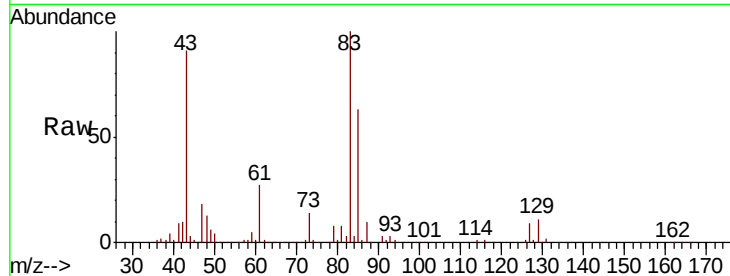
ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion:	83	Resp:	197585
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.9	76.3
127	8.6	7.3	10.9

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#48

Methyl methacrylate

Concen: 63.487 ug/l

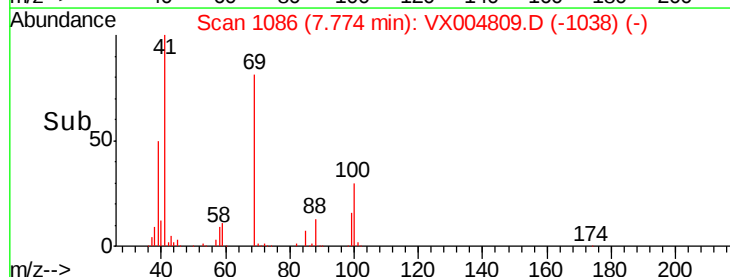
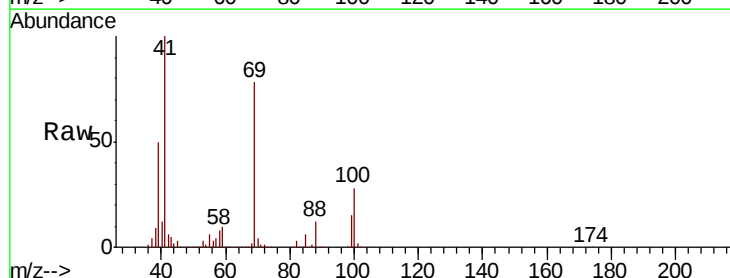
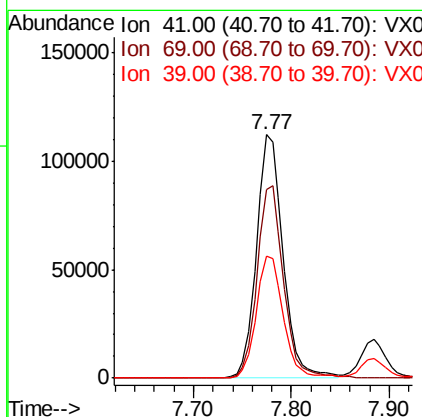
RT: 7.77 min Scan# 1086

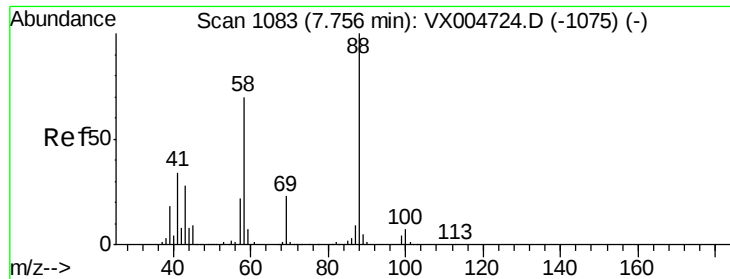
Delta R.T. -0.01 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion:	41	Resp:	211166
Ion Ratio	Lower	Upper	
41	100		
69	79.3	70.2	105.4
39	51.2	42.7	64.1





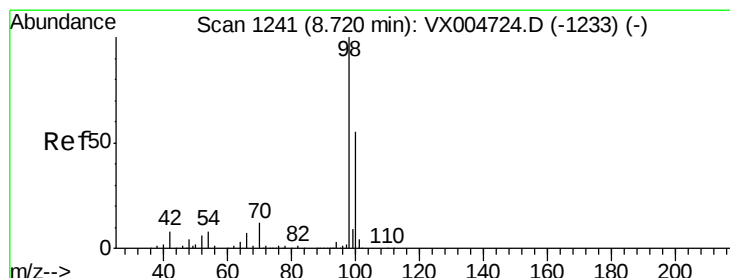
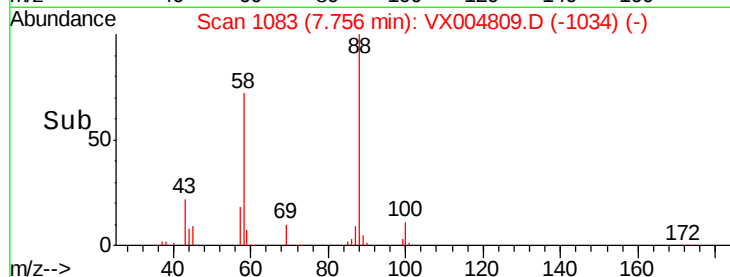
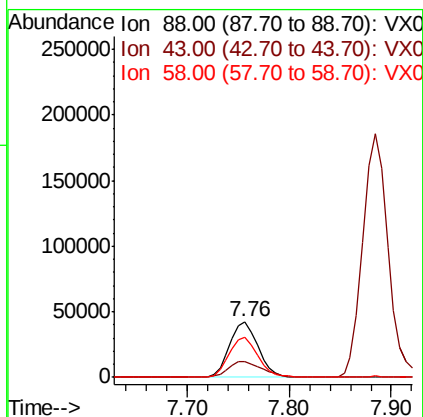
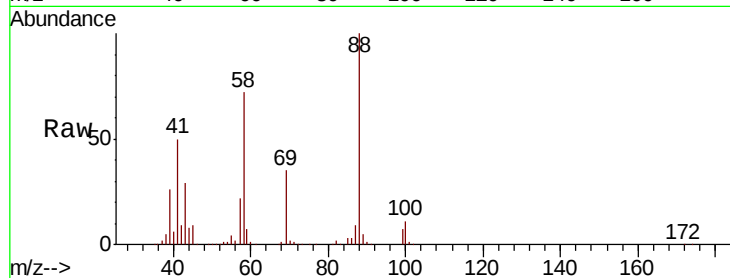
#49
1,4-Dioxane
Concen: 987.626 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	24.7	37.1
58	74.1	55.3	82.9

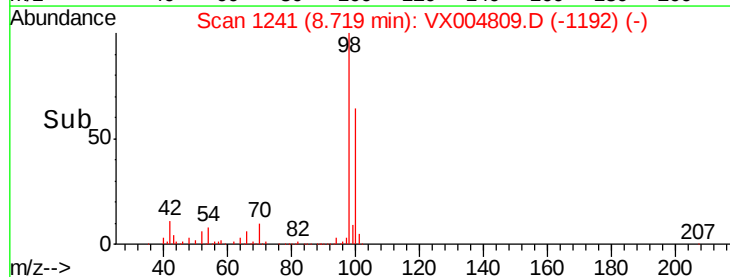
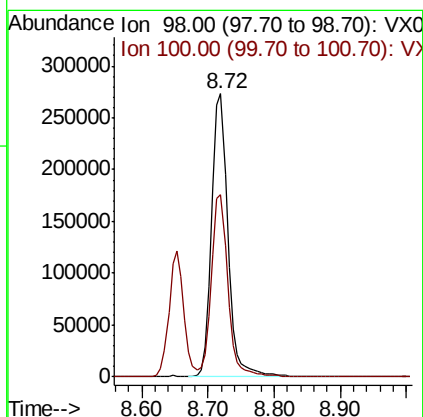
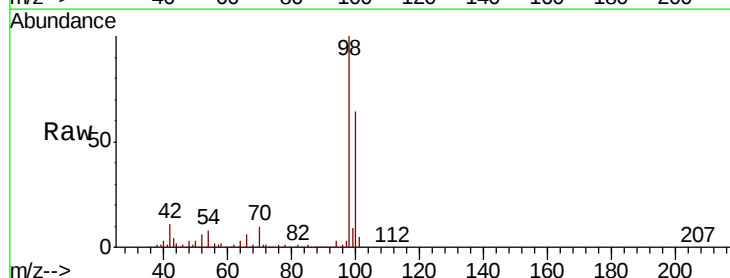
Manual Integrations
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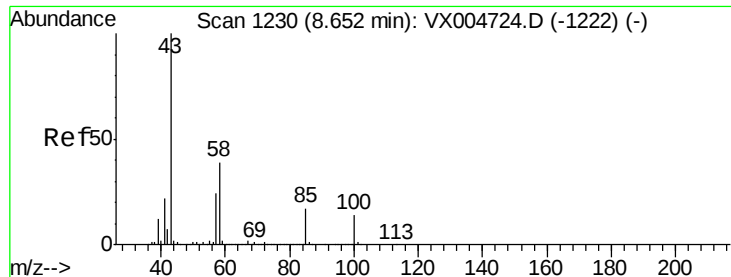
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#50
Toluene-d8
Concen: 49.877 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





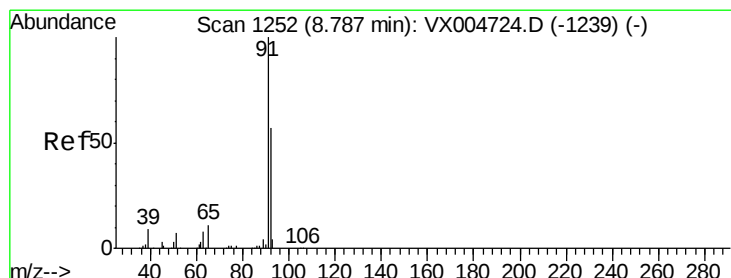
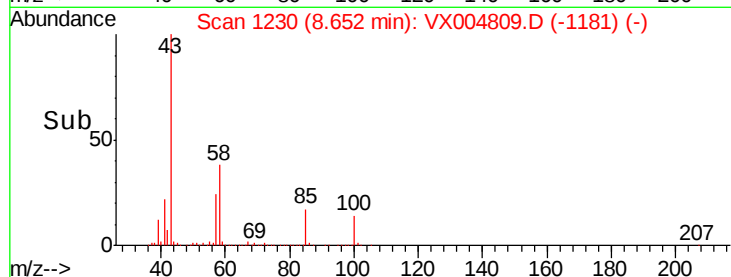
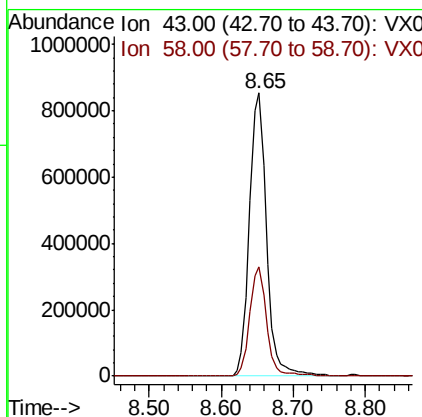
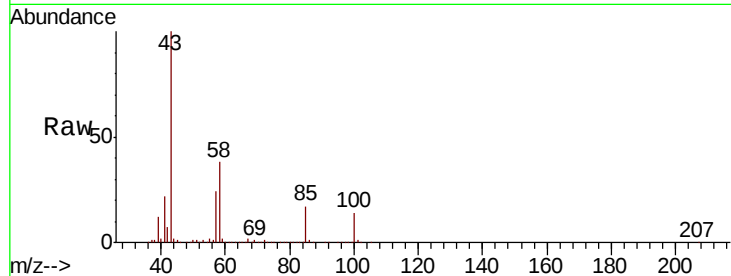
#51
4-Methyl-2-Pentanone
Concen: 306.000 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion: 43 Resp: 1411914
Ion Ratio Lower Upper
43 100
58 38.4 33.1 49.7

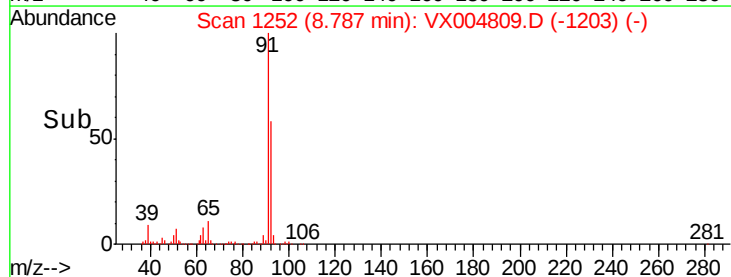
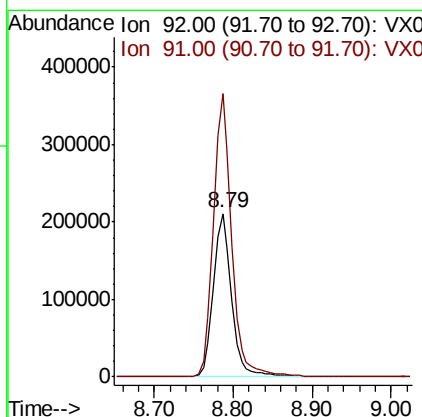
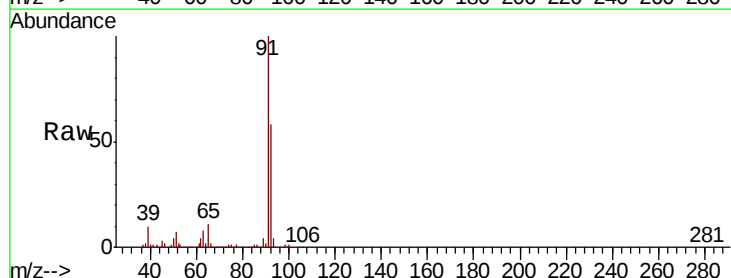
Manual Integrations
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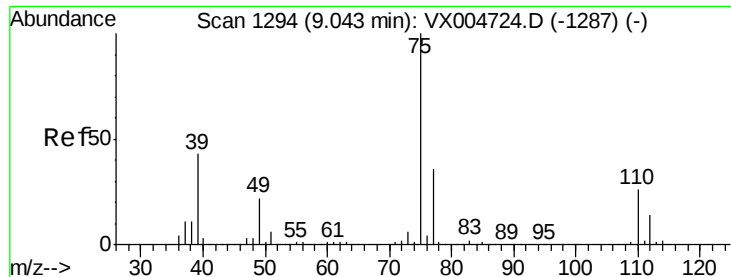
MMDadoda
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#52
Toluene
Concen: 51.849 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 92 Resp: 341155
Ion Ratio Lower Upper
92 100
91 174.1 136.4 204.6





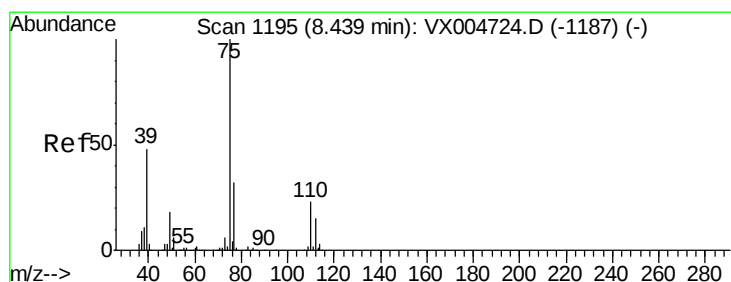
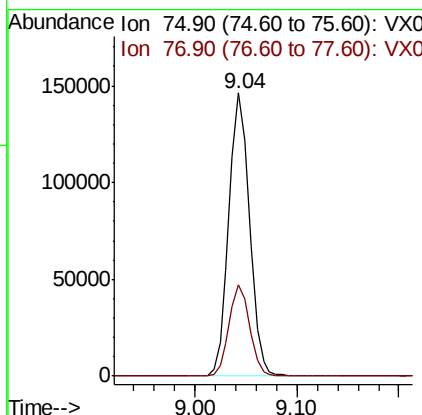
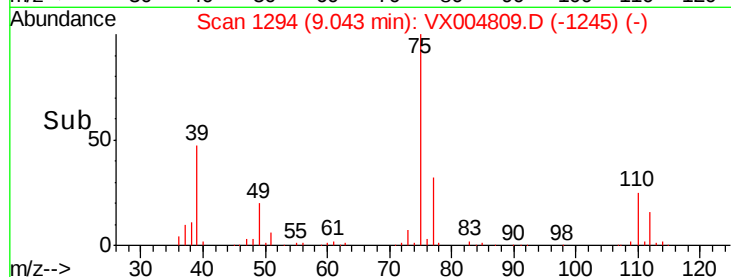
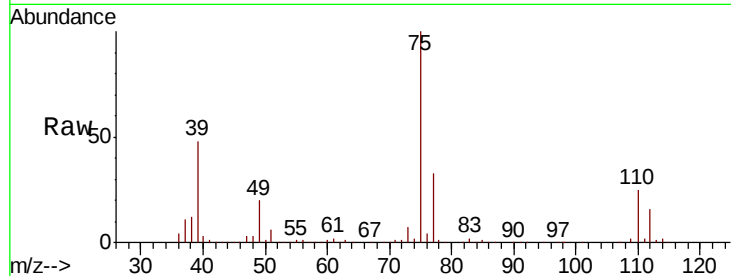
#53
t-1,3-Dichloropropene
Concen: 52.817 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion: 75 Resp: 206229
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0

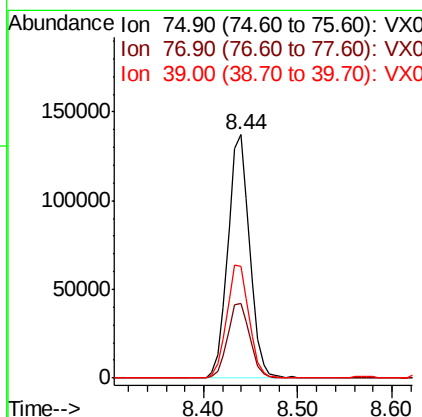
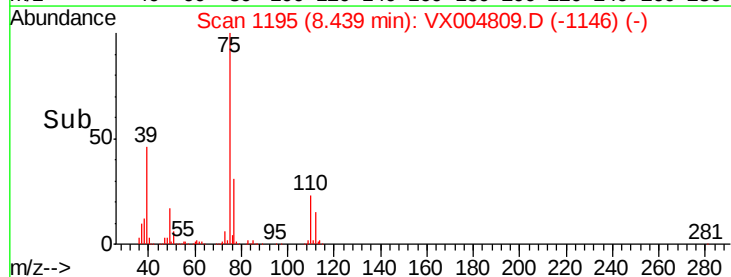
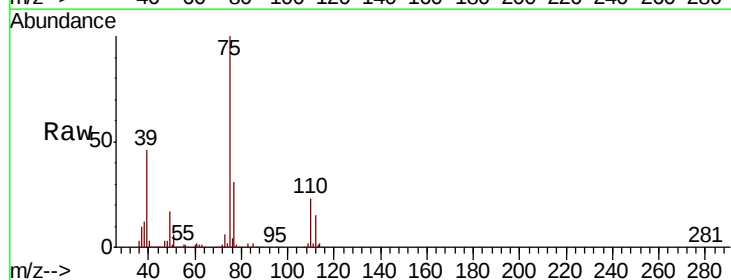
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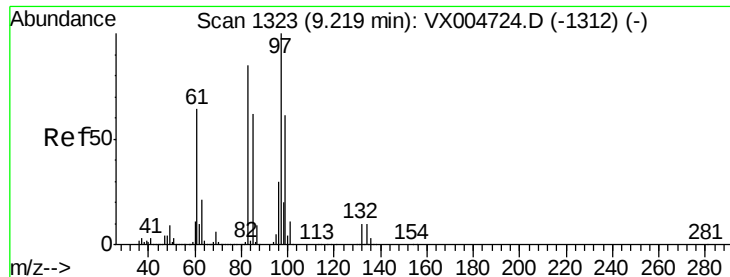
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#54
cis-1,3-Dichloropropene
Concen: 53.638 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 75 Resp: 219365
Ion Ratio Lower Upper
75 100
77 30.8 26.2 39.2
39 45.8 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 54.365 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

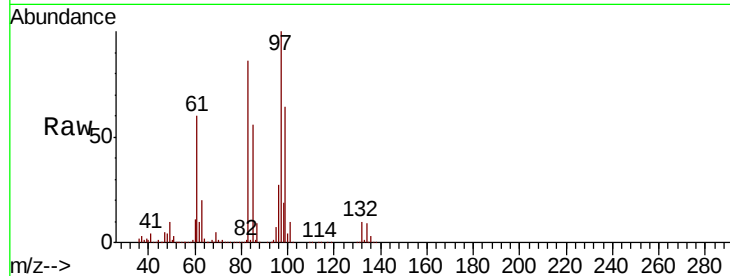
ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		156690		
83	86.0	66.4	99.6		
85	55.7	43.3	64.9		
99	64.4	49.0	73.4		

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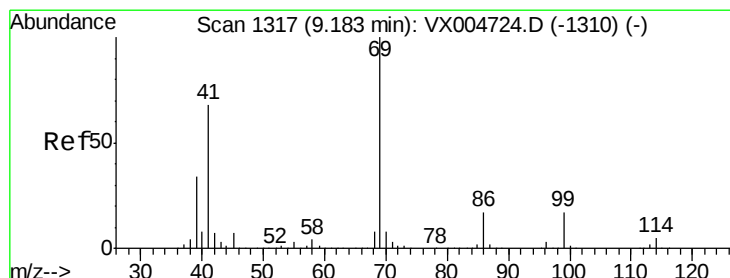
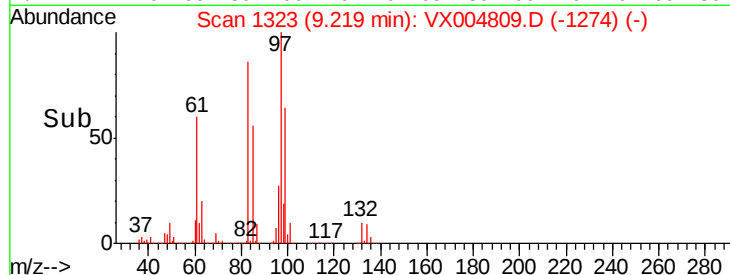
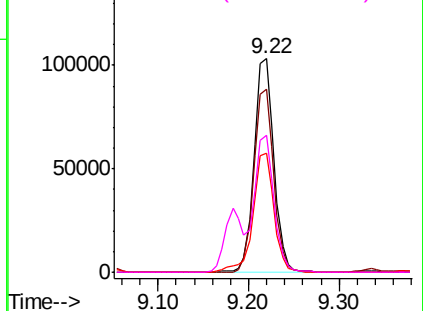
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.467 ug/l

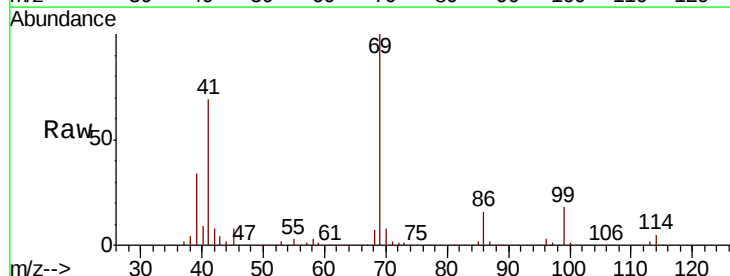
RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		251050		
41	70.1	51.0	76.4		
39	33.9	26.1	39.1		

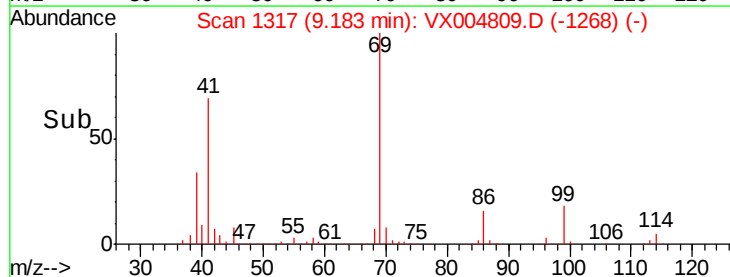
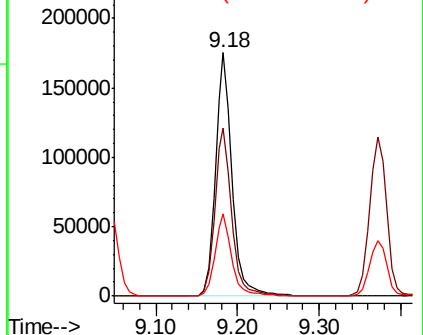


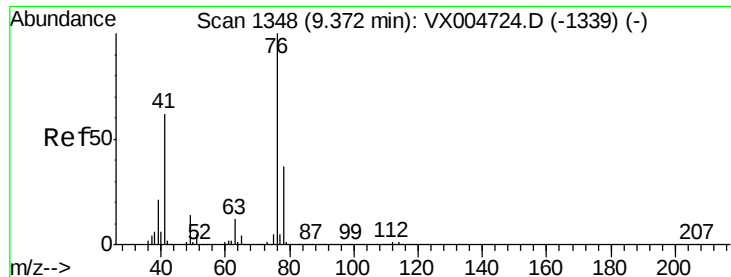
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 55.045 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion: 76 Resp: 264044

Ion Ratio Lower Upper

76 100

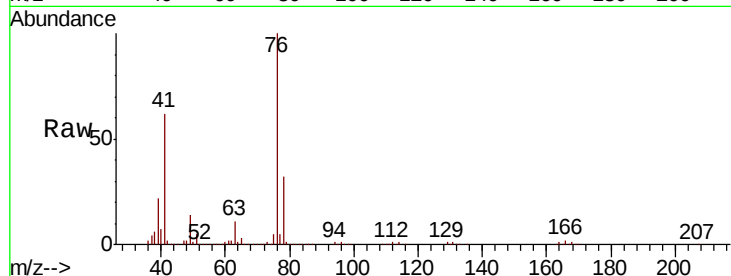
78 32.2 25.5 38.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

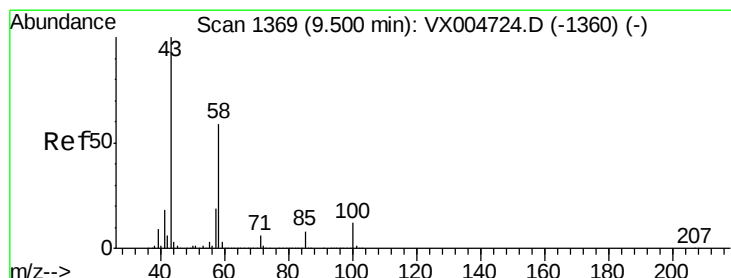
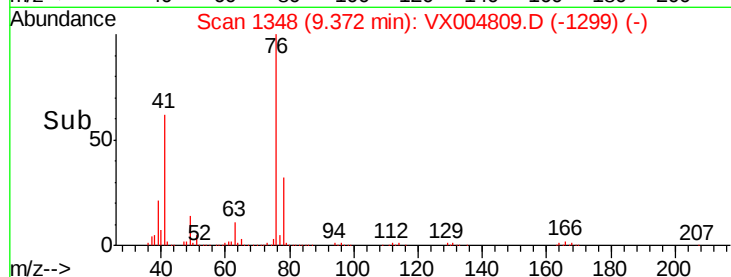
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 290.683 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VX004809.D

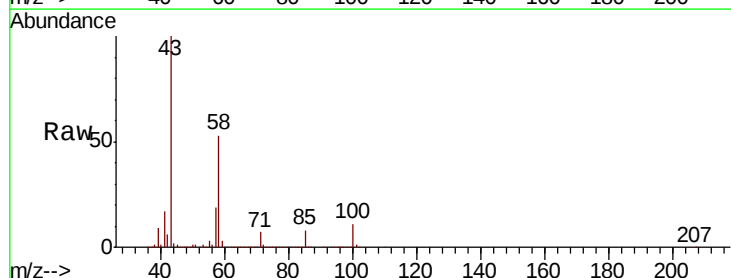
Acq: 28 Sep 2018 07:44

Tgt Ion: 43 Resp: 1117681

Ion Ratio Lower Upper

43 100

58 53.0 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

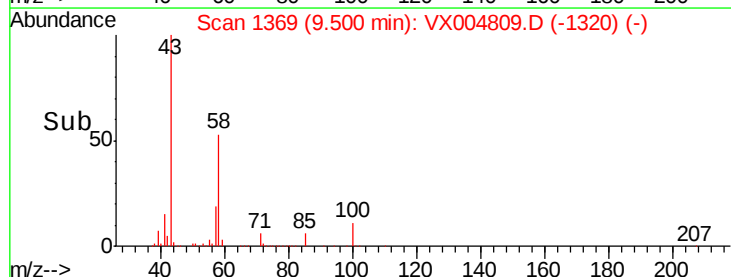
600000

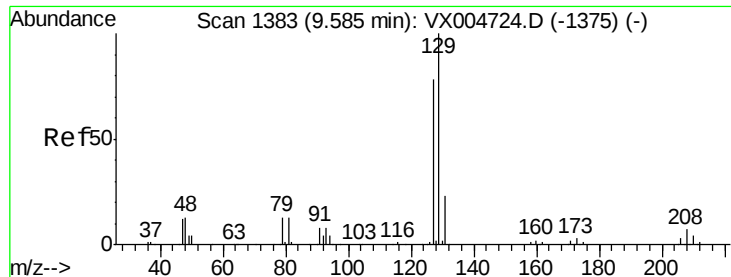
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 54.994 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion:129 Resp: 158515

Ion Ratio Lower Upper

129 100

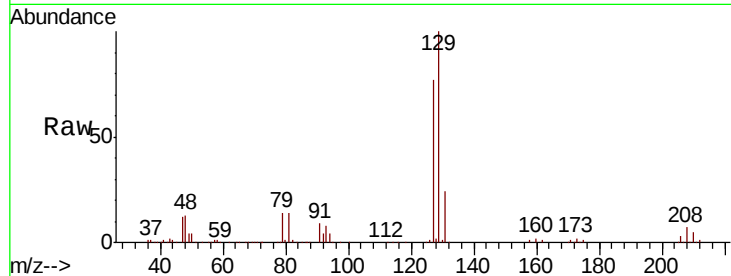
127 77.6 38.5 115.5

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

120000

100000

80000

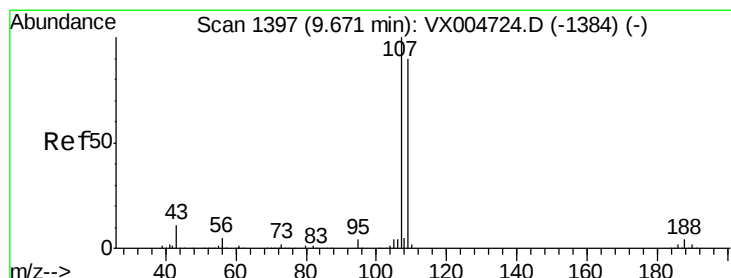
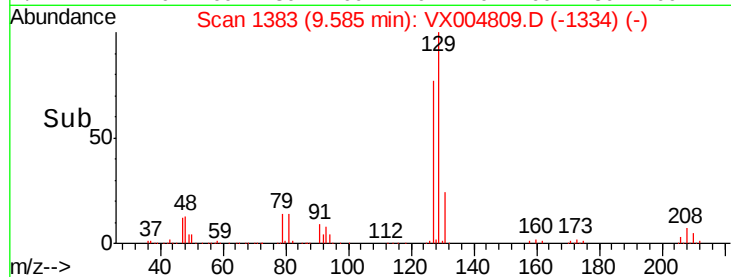
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.567 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004809.D

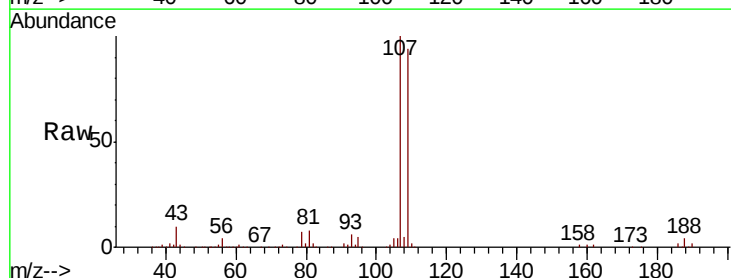
Acq: 28 Sep 2018 07:44

Tgt Ion:107 Resp: 162256

Ion Ratio Lower Upper

107 100

109 94.6 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

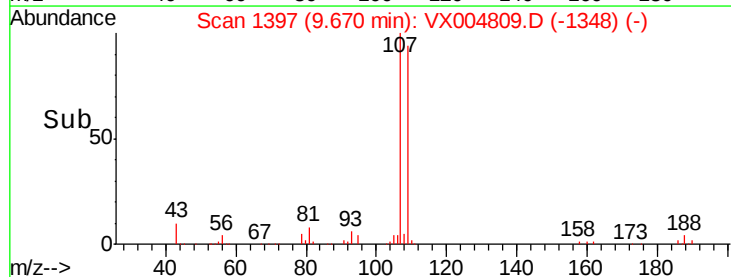
60000

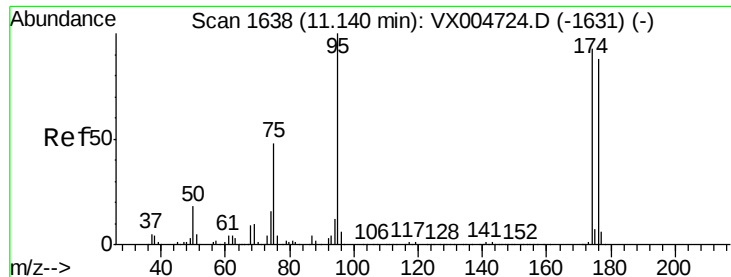
40000

20000

0

Time-->





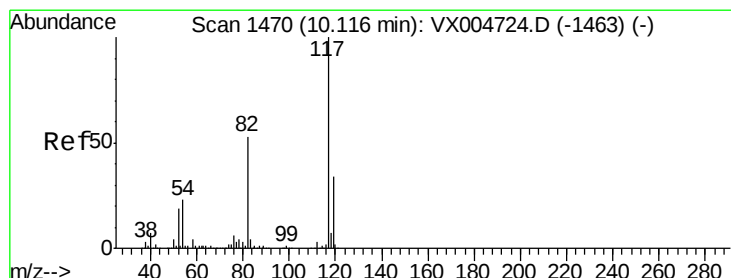
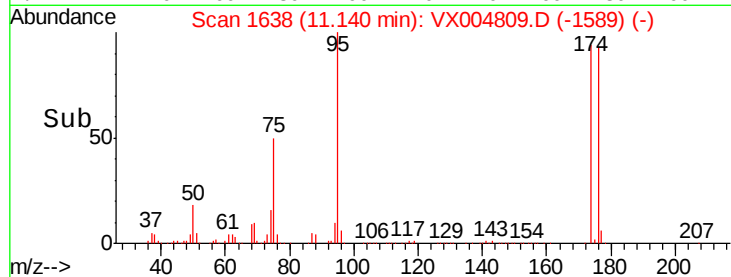
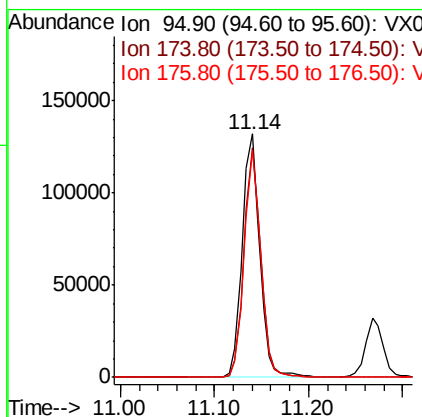
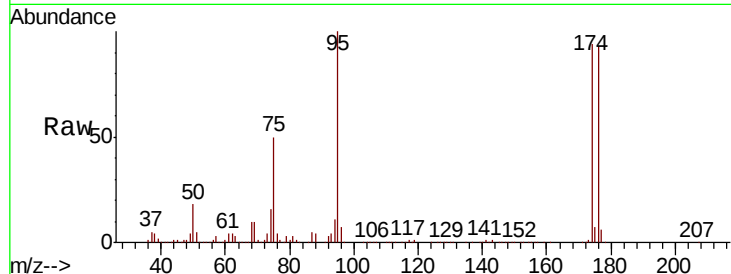
#62
4-Bromofluorobenzene
Concen: 50.887 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	170854		
174	91.3	0.0	185.2	
176	89.0	0.0	178.6	

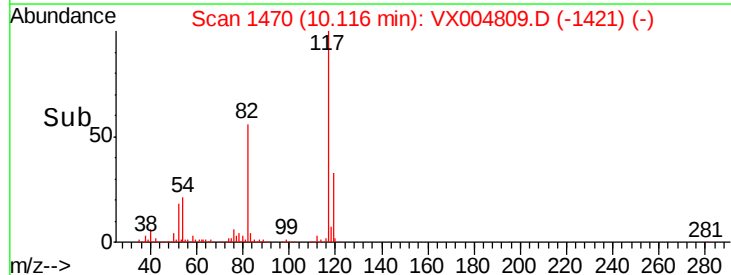
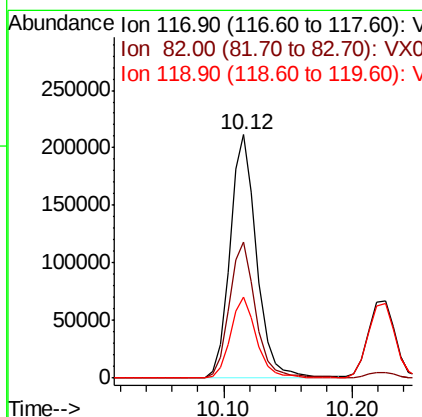
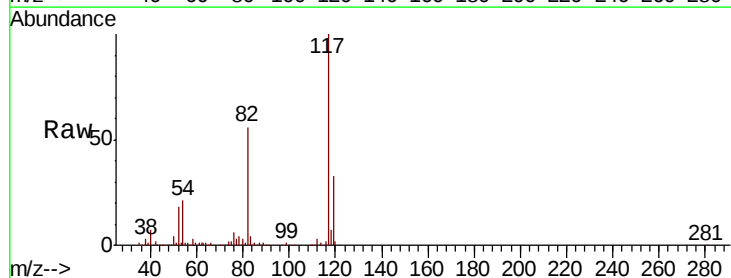
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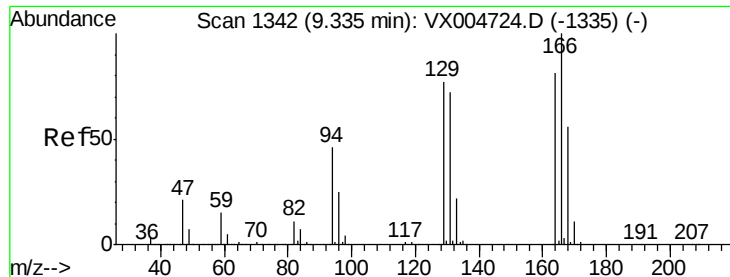
MMDadoda
9/28/2018 2:26:13 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	305290		
82	55.9	47.8	71.6	
119	33.1	29.3	43.9	





#64

Tetrachloroethene

Concen: 35.413 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

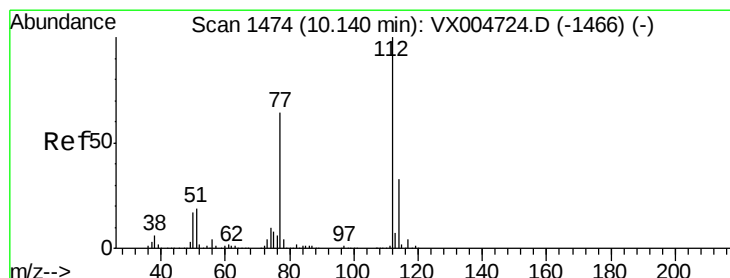
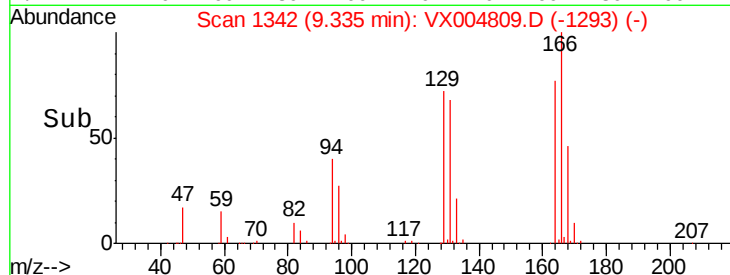
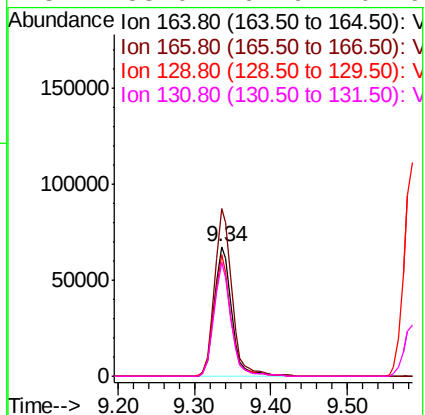
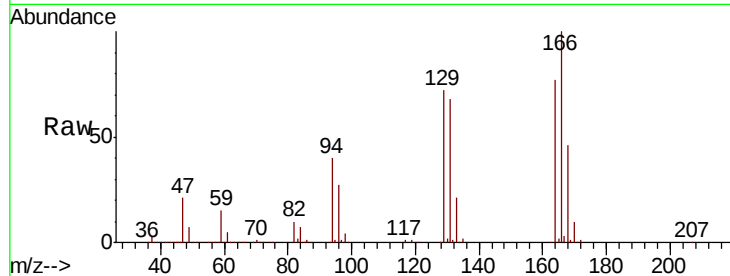
ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion:	164	Resp:	106405
Ion	Ratio	Lower	Upper
164	100		
166	130.1	102.8	154.2
129	94.0	69.4	104.0
131	88.0	67.9	101.9

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#65

Chlorobenzene

Concen: 48.614 ug/l

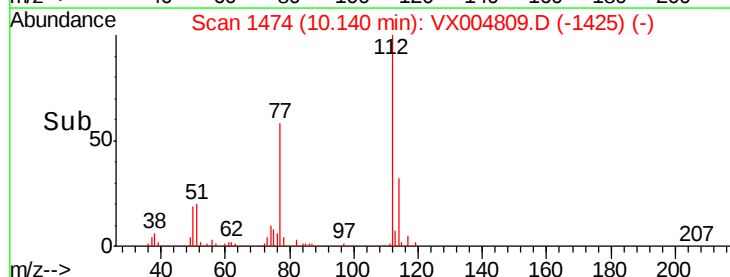
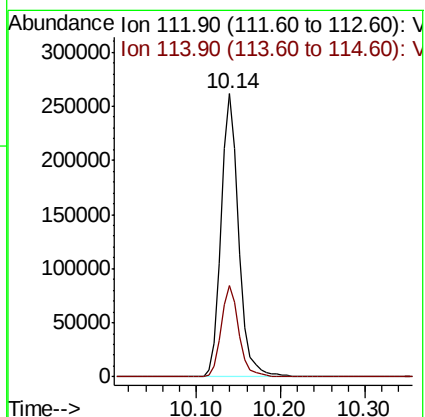
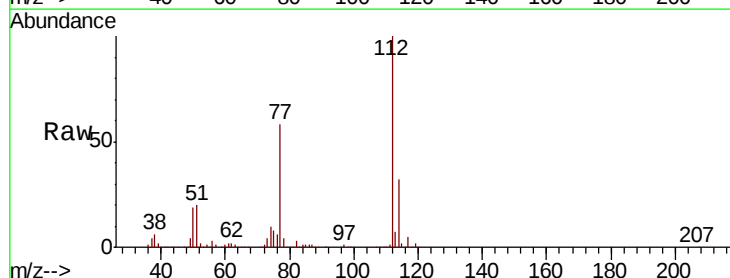
RT: 10.14 min Scan# 1474

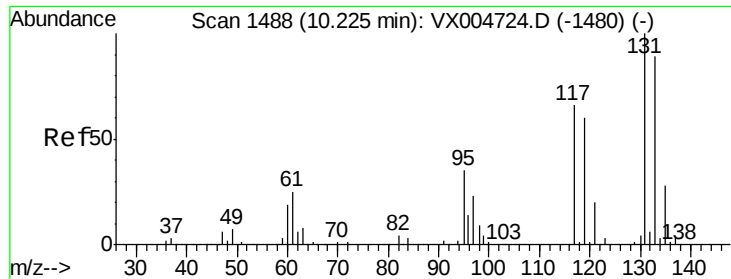
Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion:	112	Resp:	380577
Ion	Ratio	Lower	Upper
112	100		
114	32.3	27.8	41.8





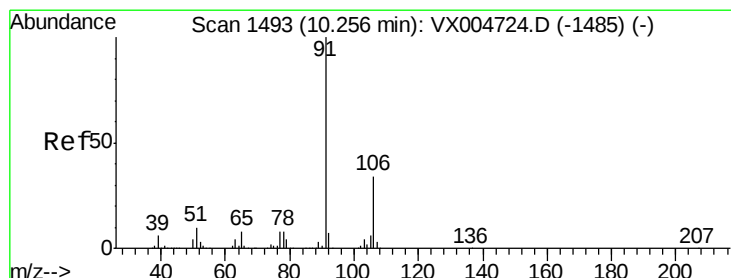
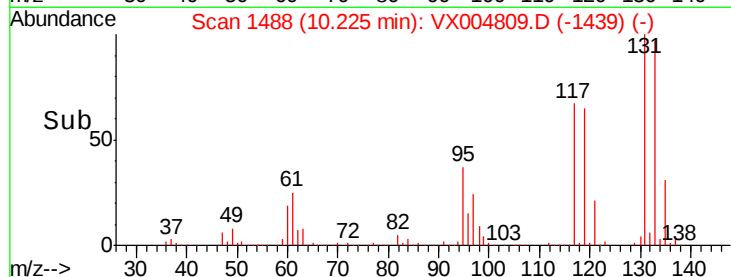
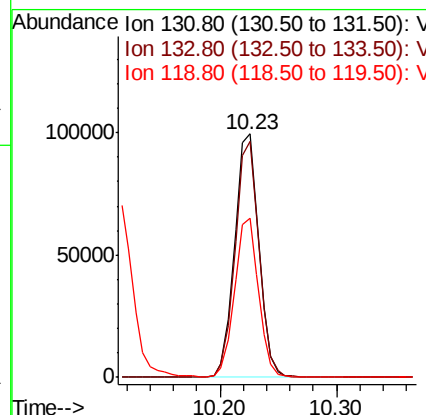
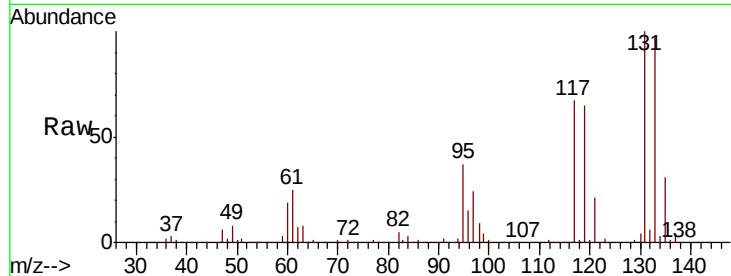
#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.316 ug/l
 RT: 10.23 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	143982		
133	95.8	48.1	144.4	
119	65.0	32.9	98.6	

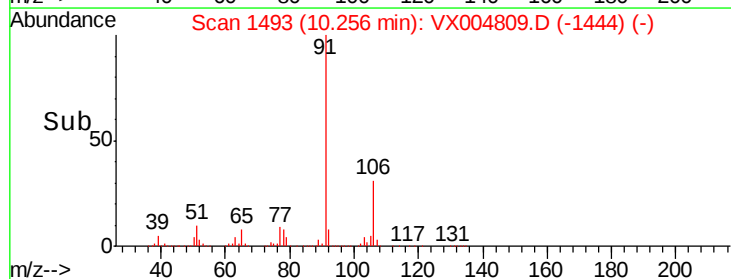
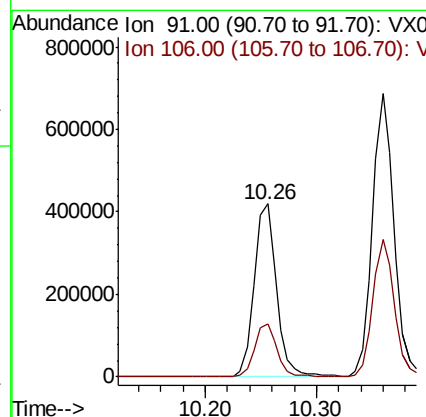
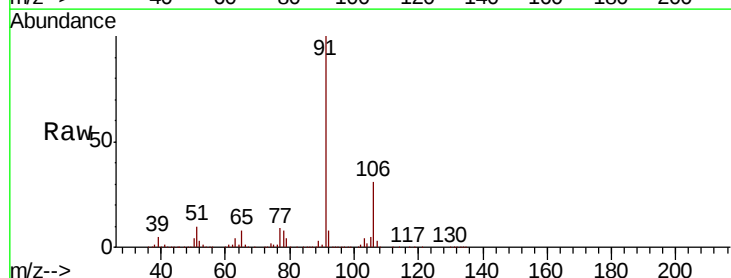
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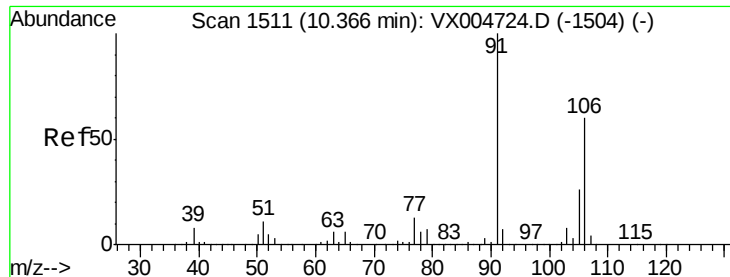
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#67
 Ethyl Benzene
 Concen: 47.435 ug/l
 RT: 10.26 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	589556		
106	31.0	25.9	38.9	





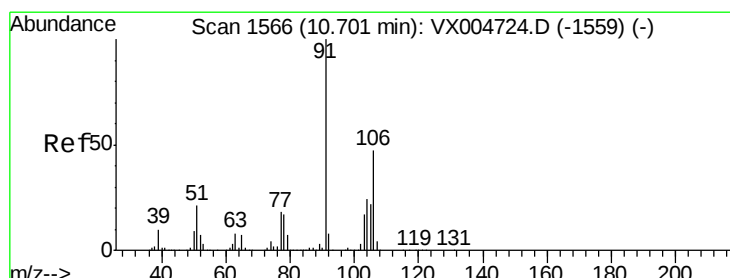
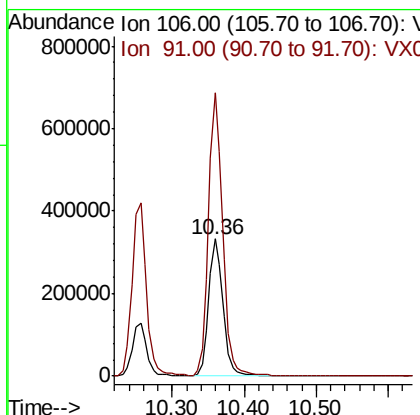
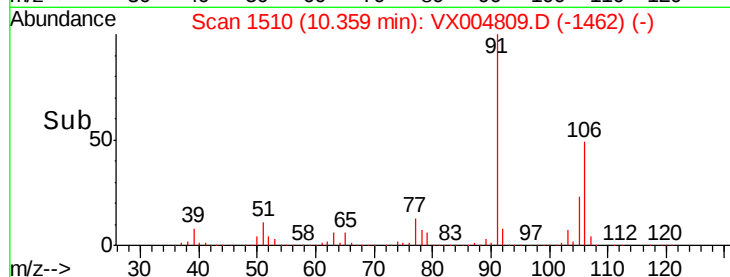
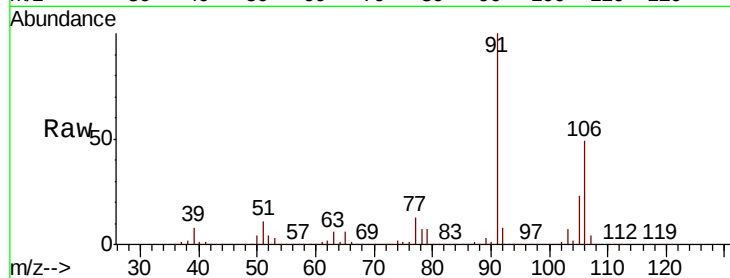
#68
m/p-Xylenes
Concen: 94.440 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	205.1	157.1	235.7		

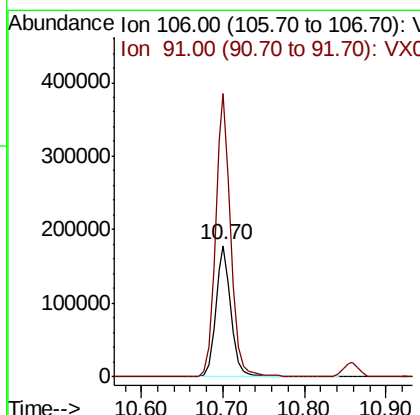
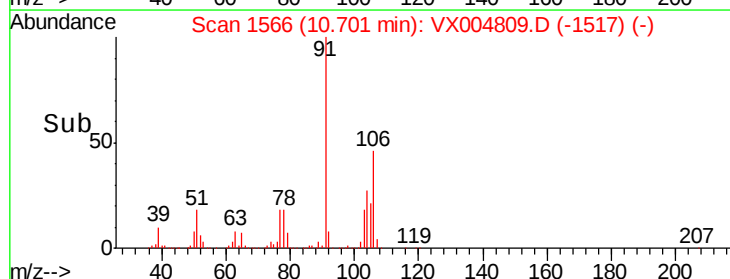
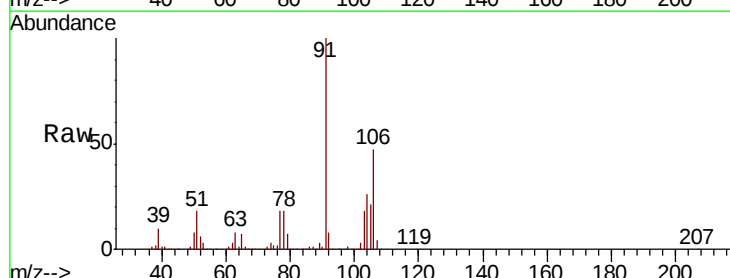
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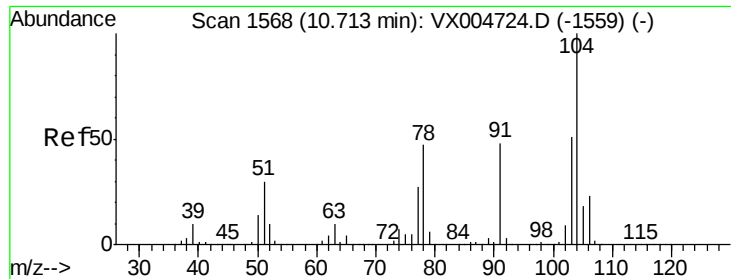
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#69
o-Xylene
Concen: 52.248 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	216.6	105.1	315.1		





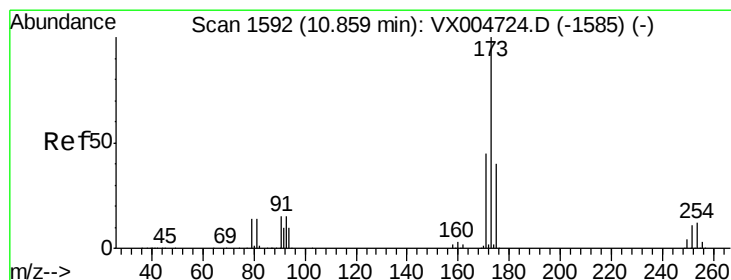
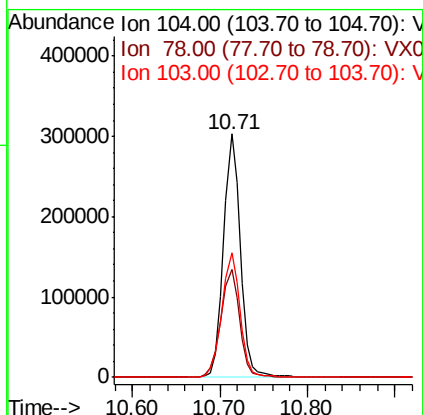
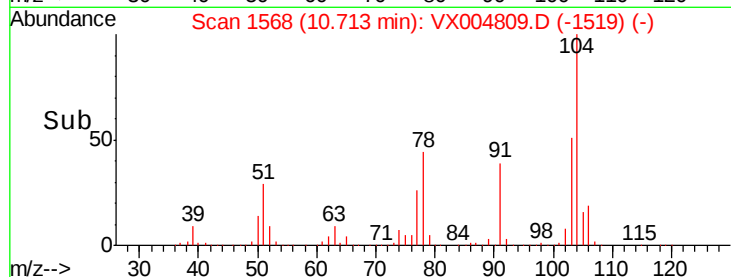
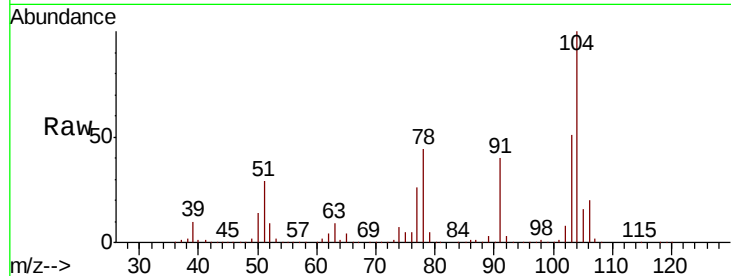
#70
Stvrene
Concen: 48.421 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	37.4	56.0
103	55.6	43.8	65.6

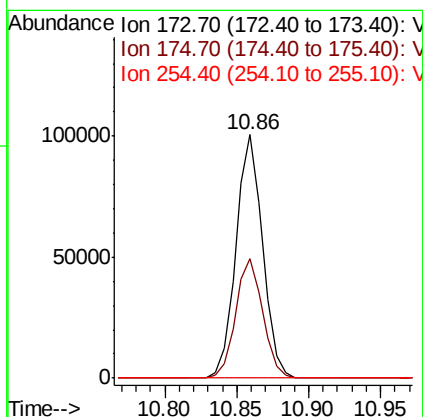
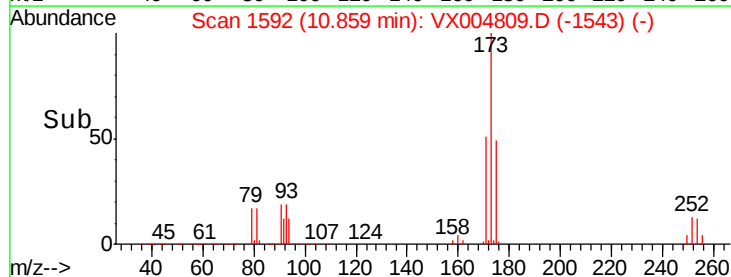
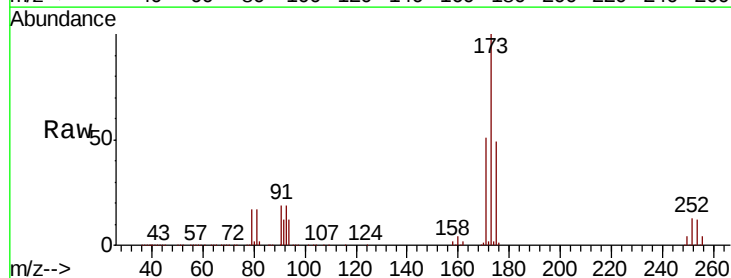
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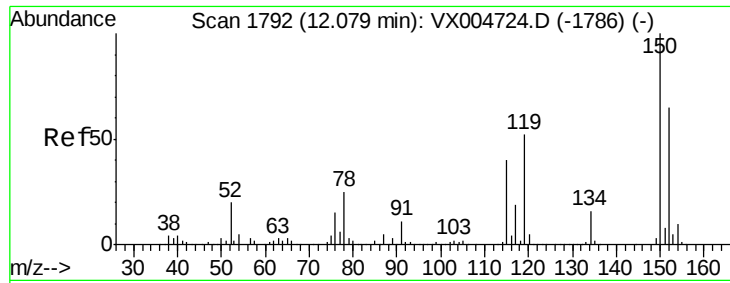
MMDadoda
9/28/2018 2:26:13 PM



#71
Bromoform
Concen: 54.891 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.1	72.3
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion:152 Resp: 178879

Ion Ratio Lower Upper

152 100

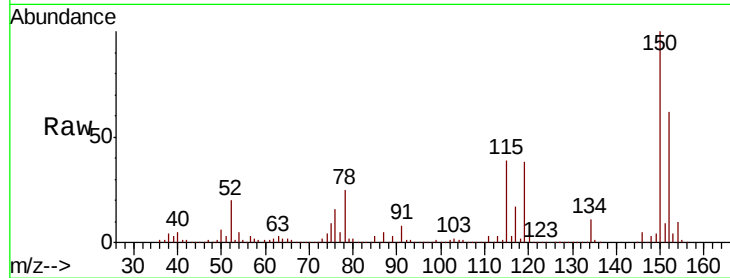
115 74.7 39.0 117.0

150 173.3 0.0 351.0

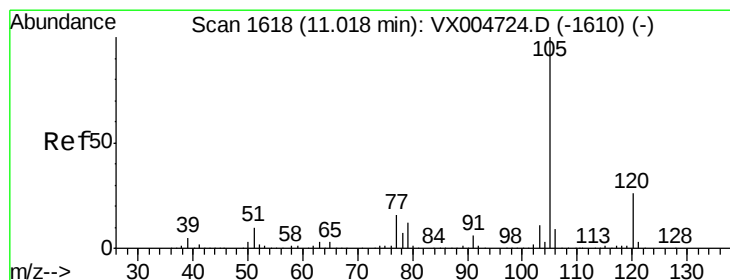
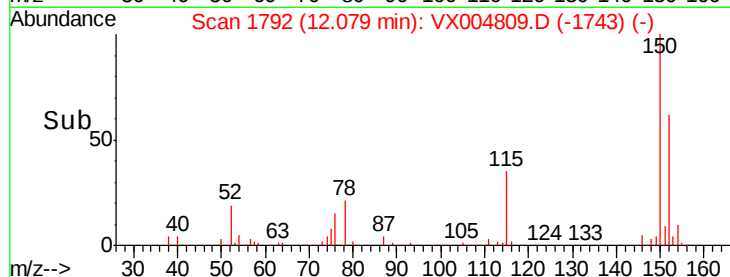
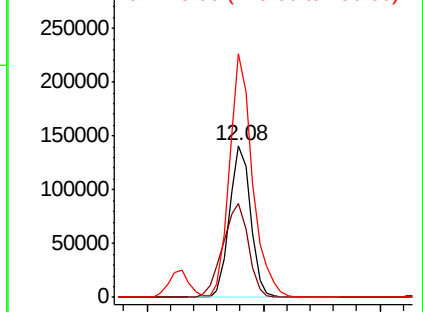
Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 53.616 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004809.D

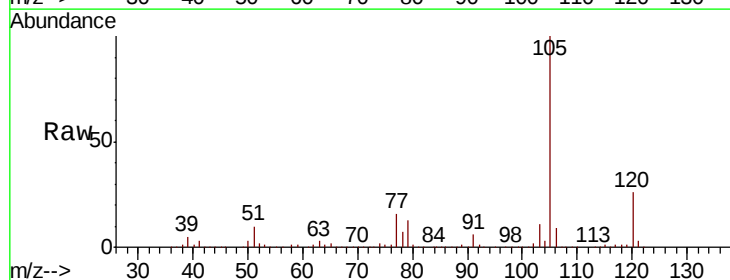
Acq: 28 Sep 2018 07:44

Tgt Ion:105 Resp: 604523

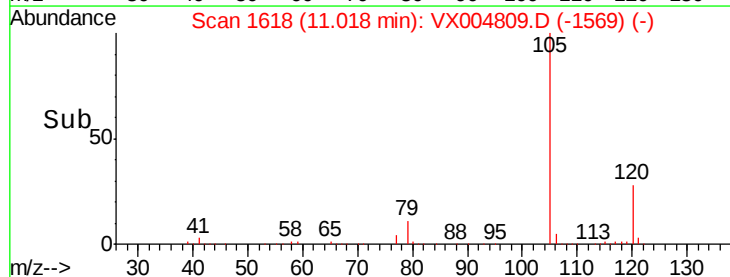
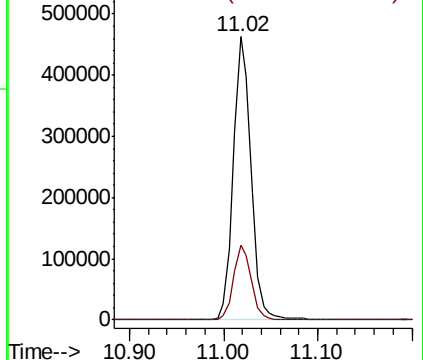
Ion Ratio Lower Upper

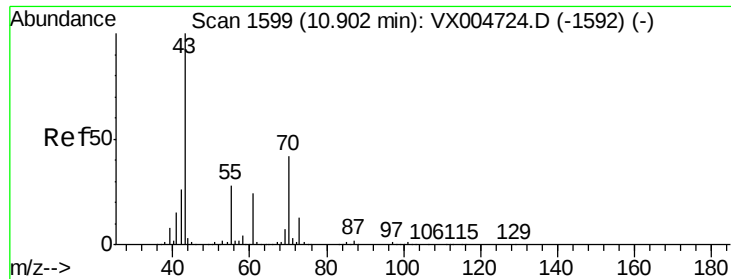
105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 53.828 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

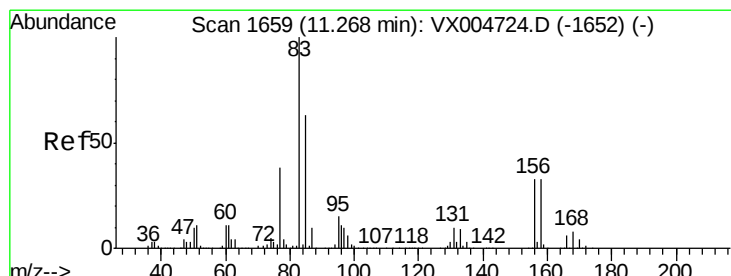
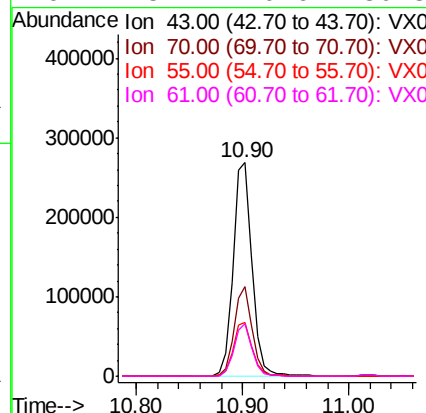
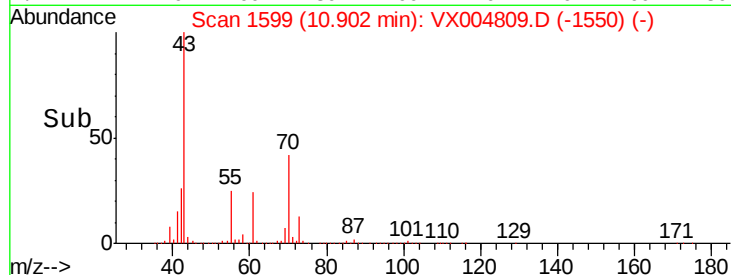
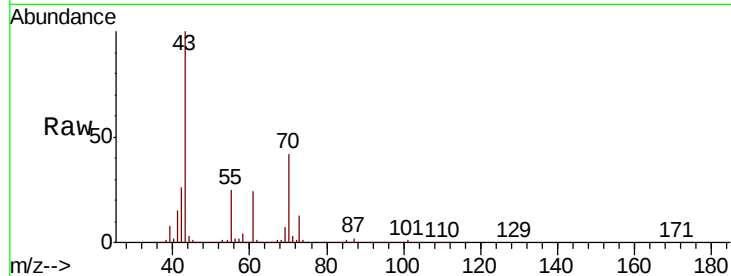
ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		334443		
70	40.2	37.4	56.0		
55	25.1	21.8	32.8		
61	23.4	20.6	30.8		

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#75

1,1,2,2-Tetrachloroethane

Concen: 57.975 ug/l

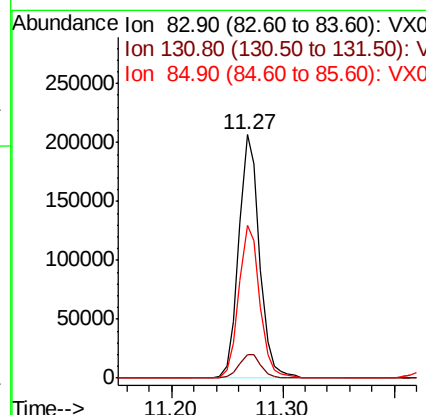
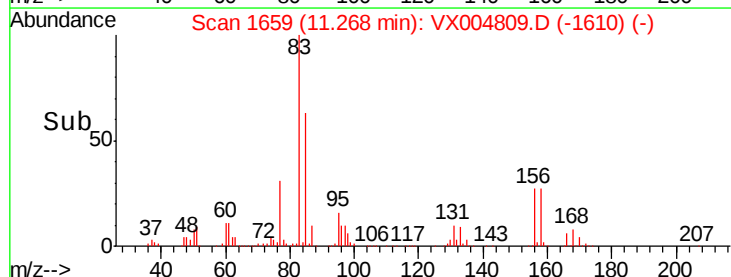
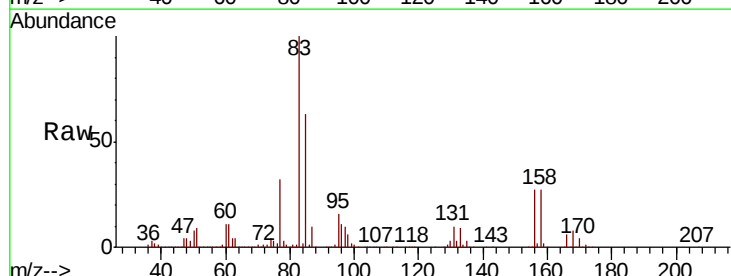
RT: 11.27 min Scan# 1659

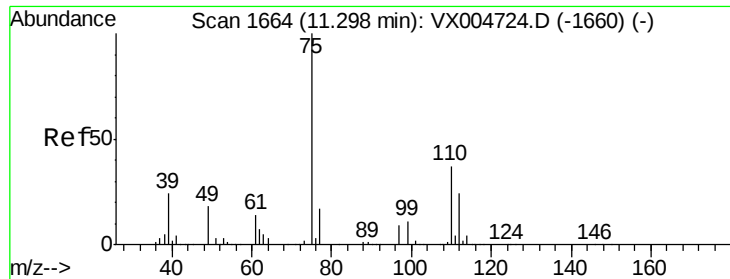
Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		266085		
131	10.2	5.2	15.6		
85	63.7	32.3	96.8		





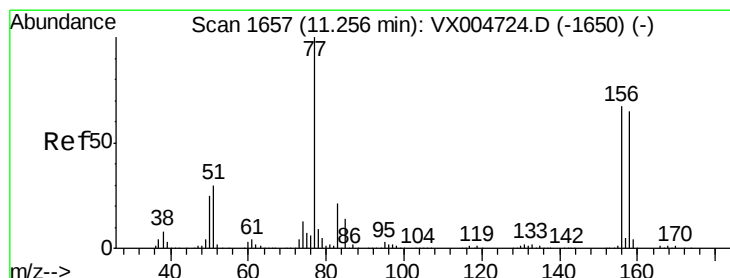
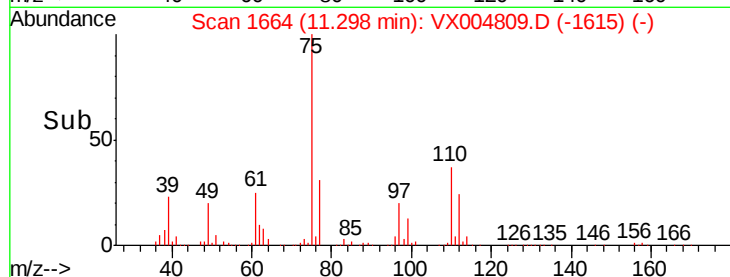
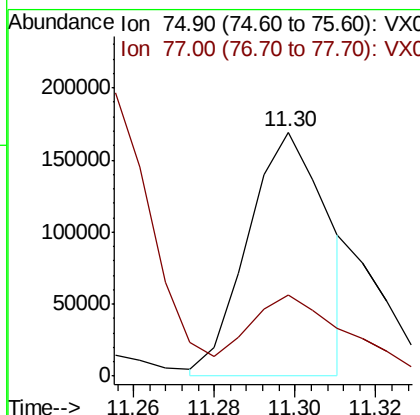
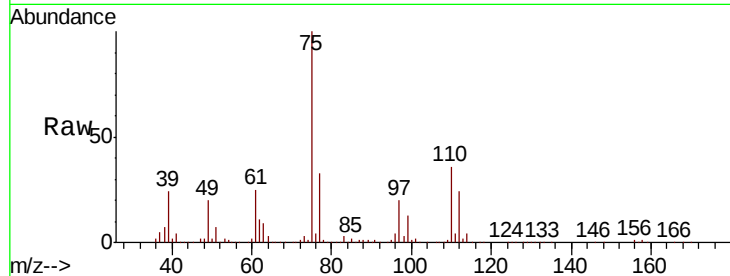
#76
 1,2,3-Trichloropropane
 Concen: 57.967 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion: 75 Resp: 232409
 Ion Ratio Lower Upper
 75 100
 77 40.9 20.2 60.6

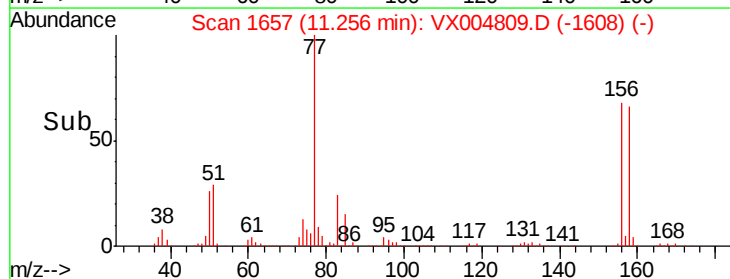
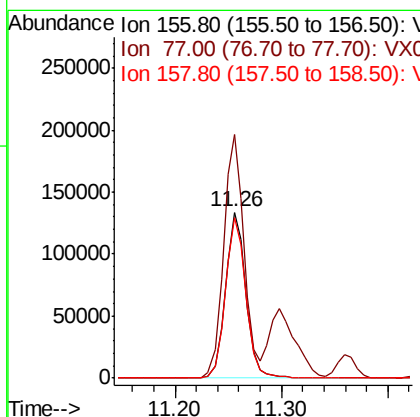
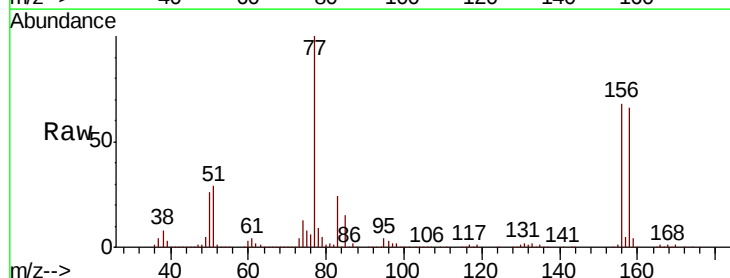
Manual Integrations
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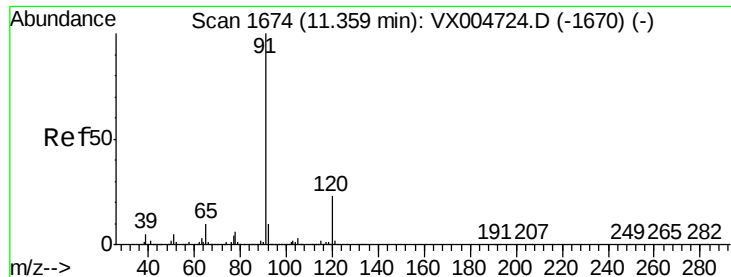
MMDadoda
 9/28/2018 2:26:13 PM



#77
 Bromobenzene
 Concen: 54.166 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion: 156 Resp: 177387
 Ion Ratio Lower Upper
 156 100
 77 147.5 71.5 214.3
 158 97.5 48.9 146.8





#78

n-propylbenzene

Concen: 47.372 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion: 91 Resp: 612841

Ion Ratio Lower Upper

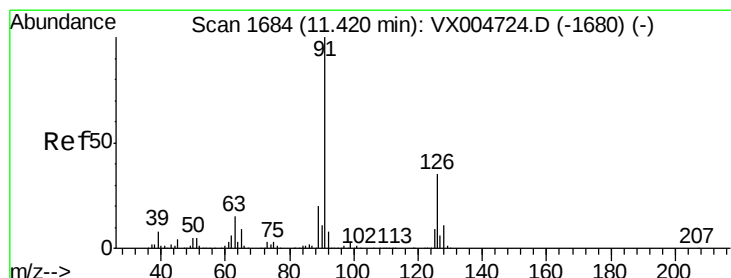
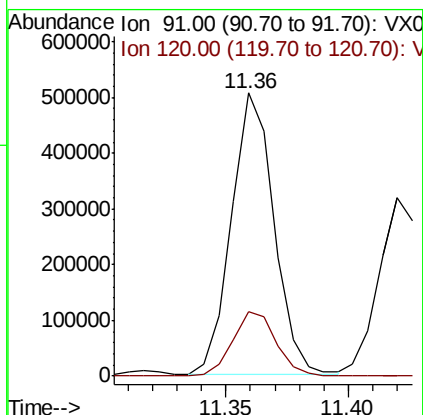
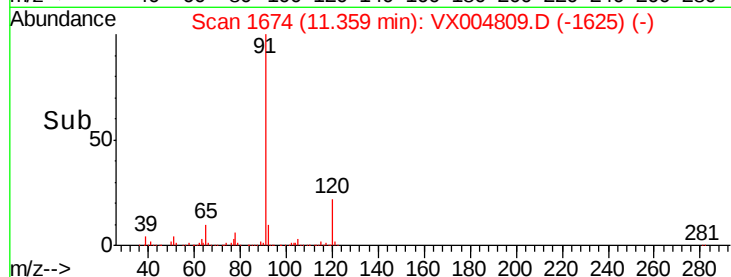
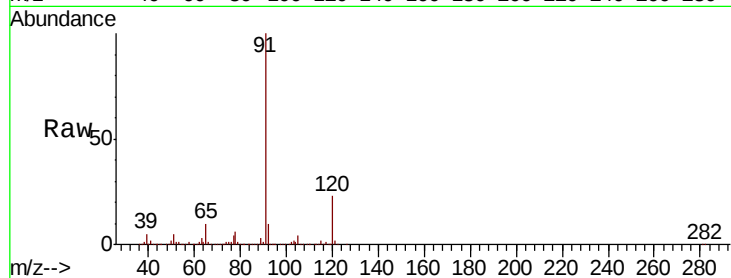
91 100

120 23.4 11.9 35.9

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#79

2-Chlorotoluene

Concen: 50.697 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004809.D

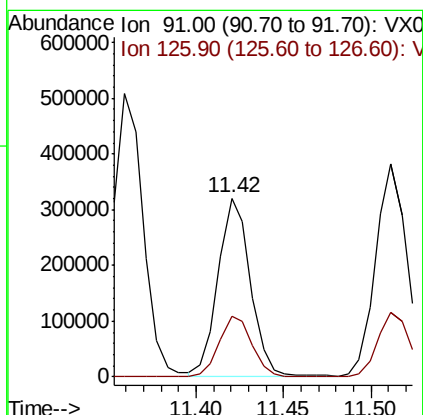
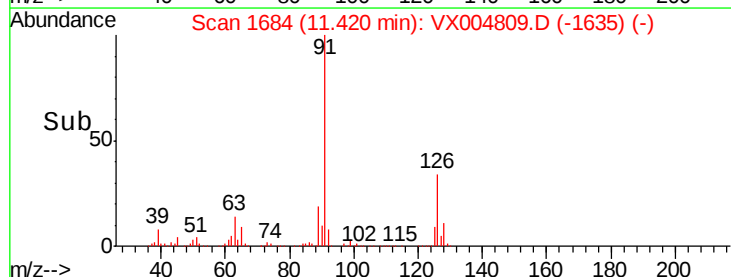
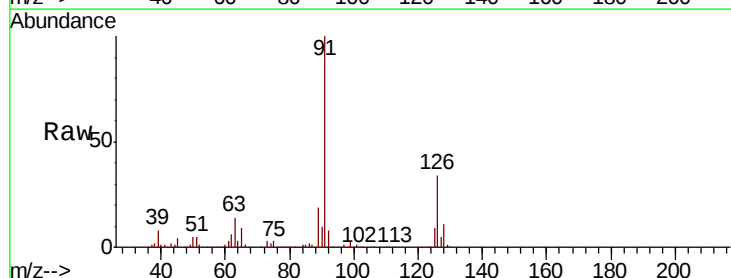
Acq: 28 Sep 2018 07:44

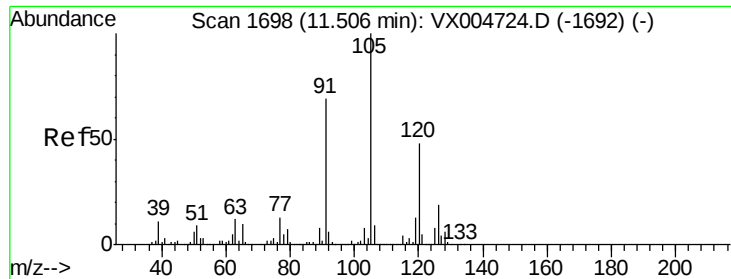
Tgt Ion: 91 Resp: 408803

Ion Ratio Lower Upper

91 100

126 35.3 17.9 53.7





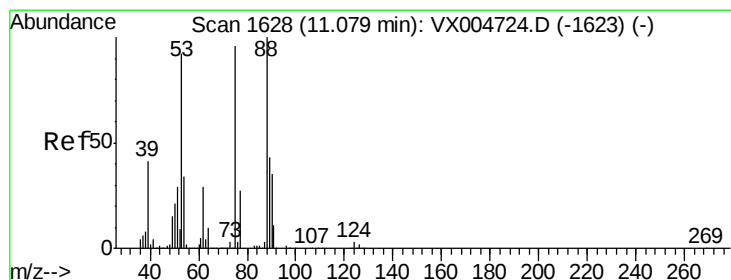
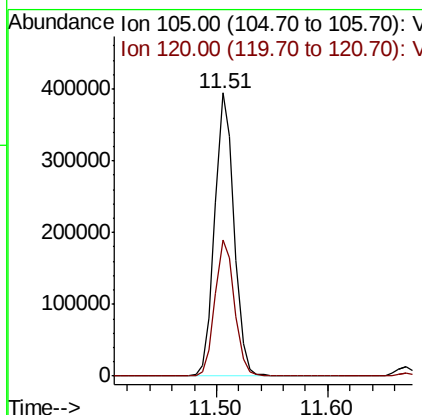
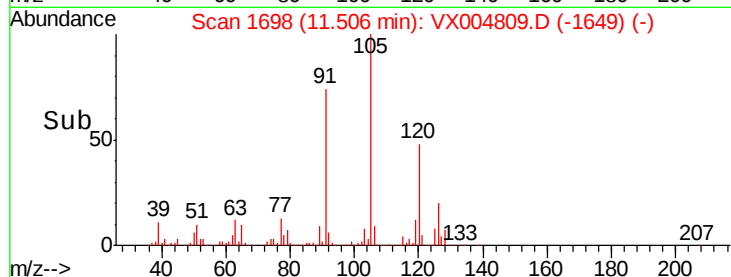
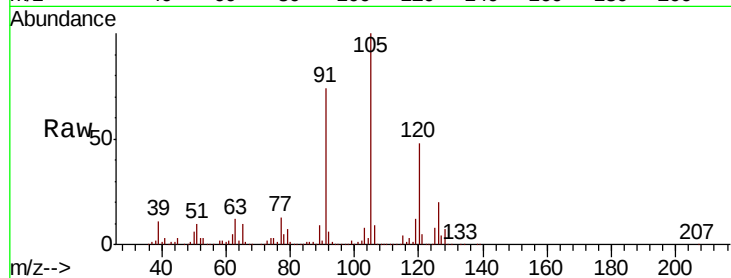
#80
 1,3,5-Trimethylbenzene
 Concen: 45.747 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.8	25.6	76.8

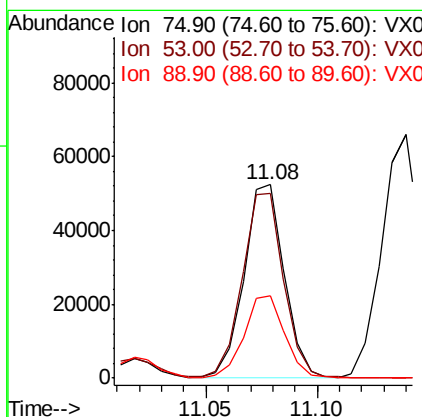
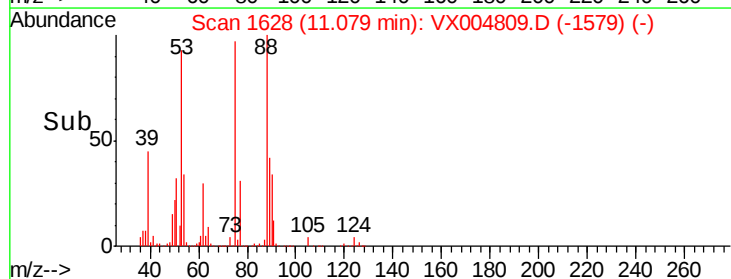
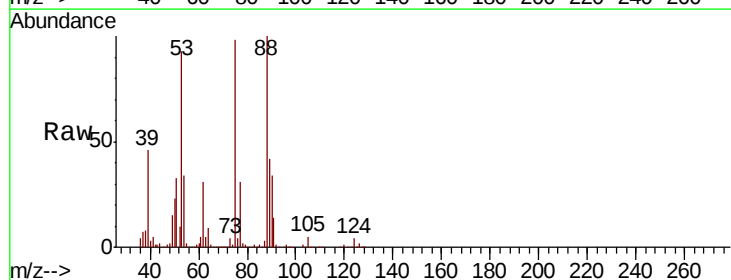
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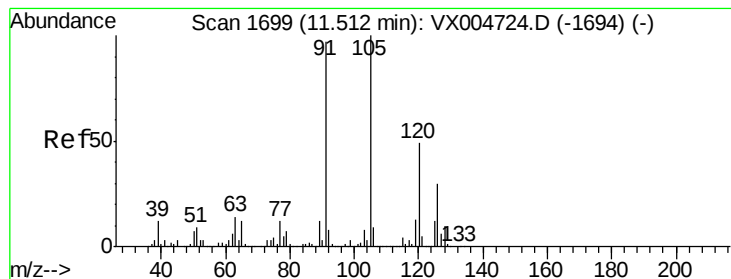
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.709 ug/l
 RT: 11.08 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.9	80.1	120.1
89	43.8	37.2	55.8





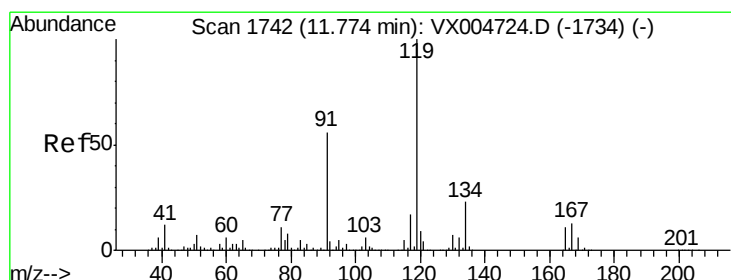
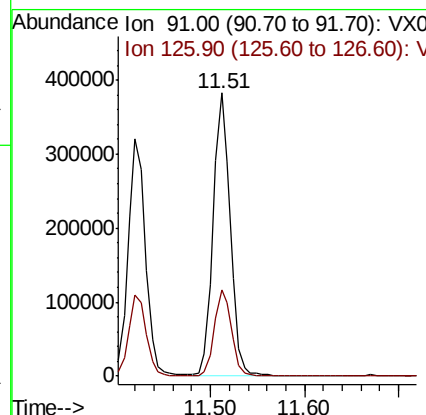
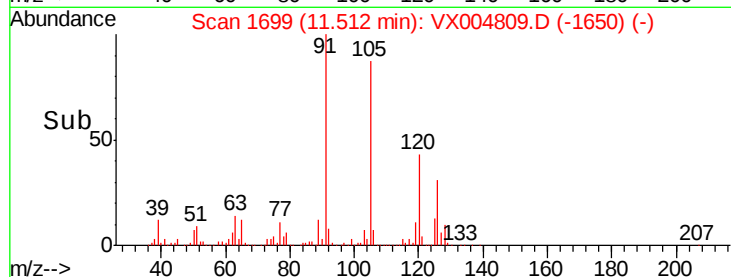
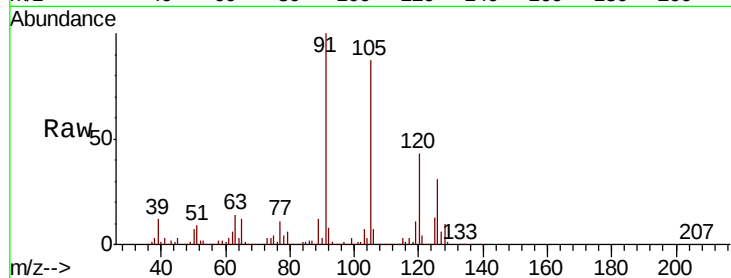
#82
4-Chlorotoluene
Concen: 50.755 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion: 91 Resp: 481728
Ion Ratio Lower Upper
91 100
126 30.5 15.5 46.5

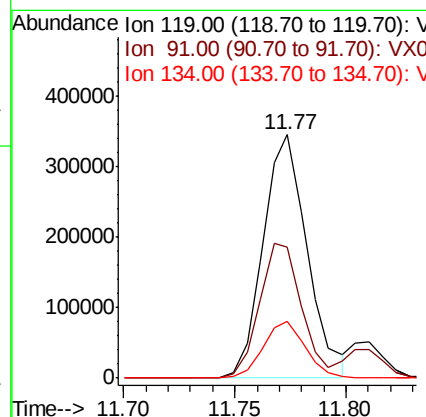
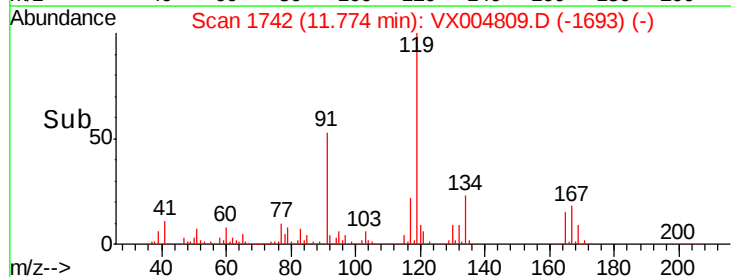
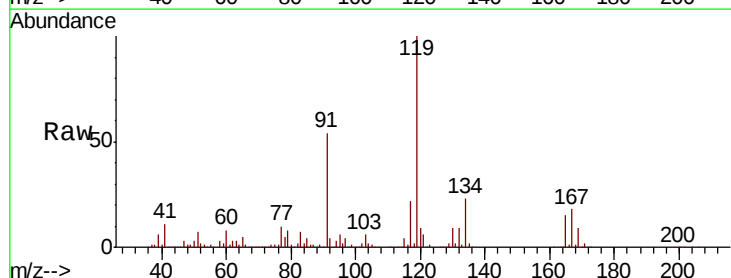
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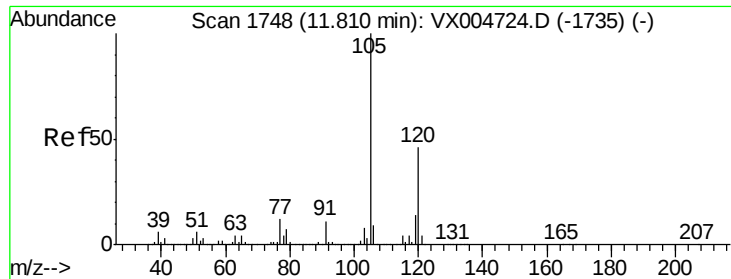
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#83
tert-Butylbenzene
Concen: 51.114 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion: 119 Resp: 474489
Ion Ratio Lower Upper
119 100
91 53.0 27.0 81.0
134 22.4 11.7 35.1





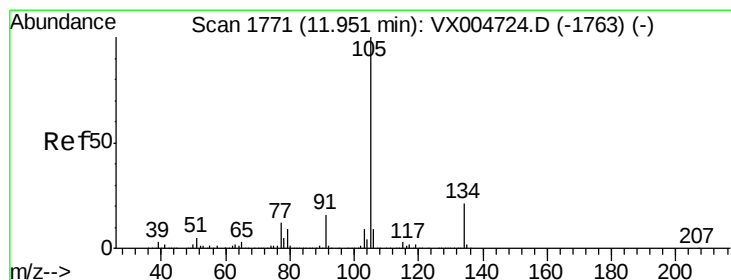
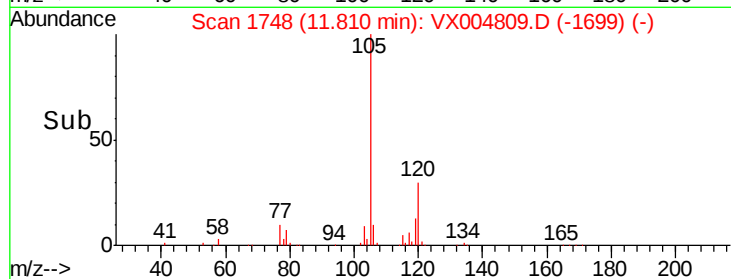
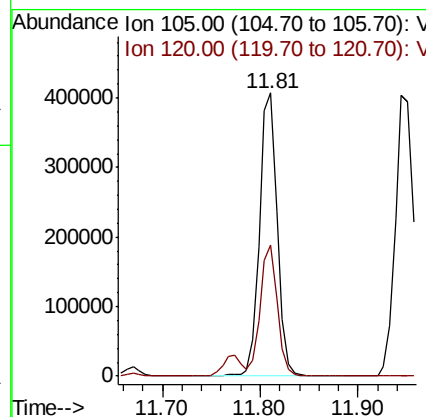
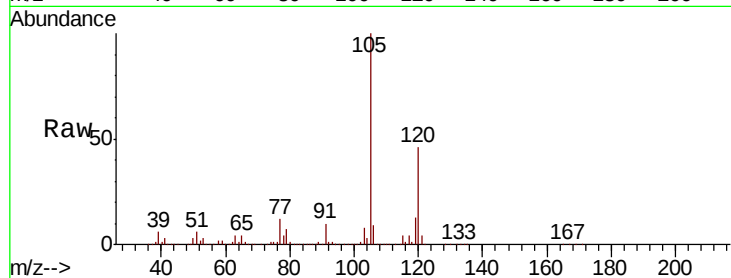
#84
 1,2,4-Trimethylbenzene
 Concen: 47.570 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.2	69.6

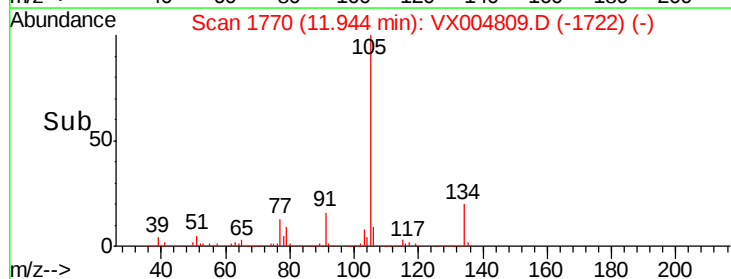
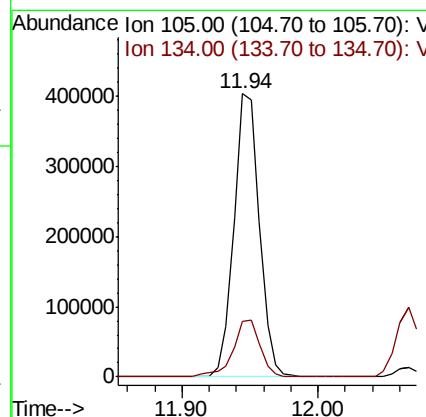
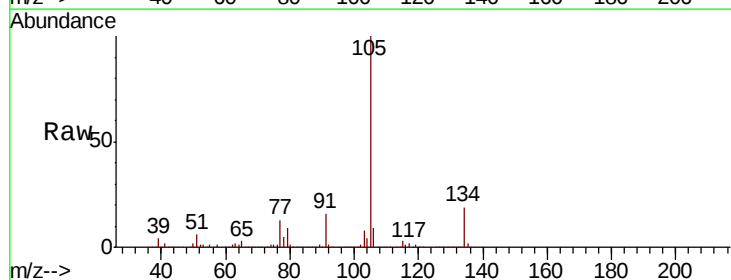
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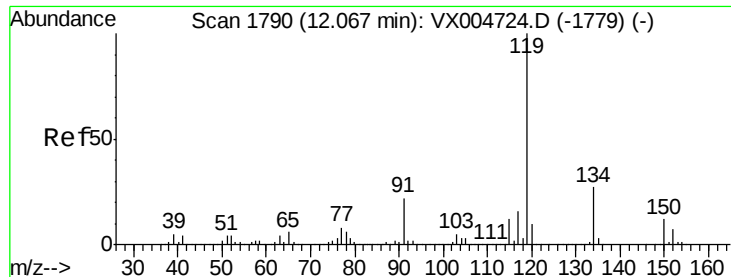
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#85
 sec-Butylbenzene
 Concen: 46.407 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.5	31.5





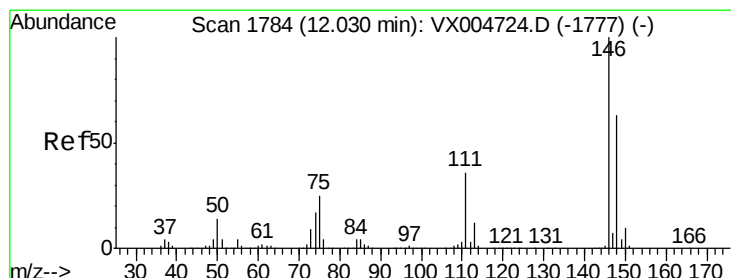
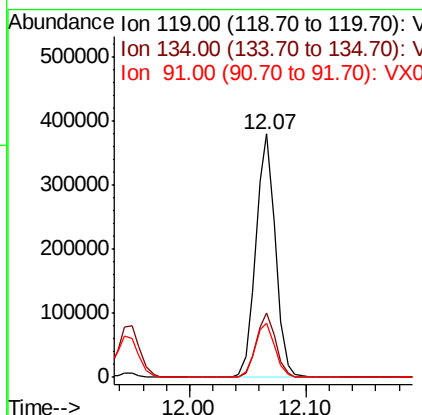
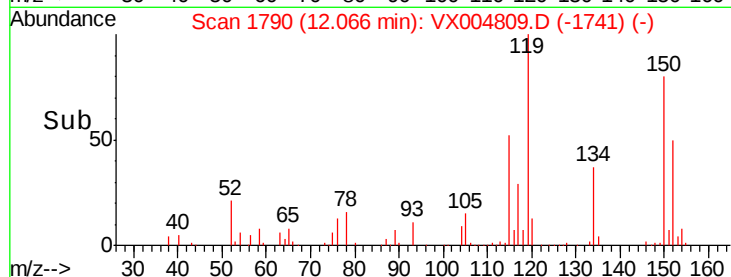
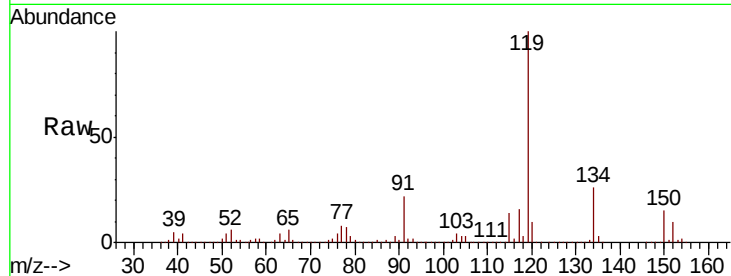
#86
p-Isopropyltoluene
Concen: 43.288 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	443458		
134	26.3		13.4	40.2
91	22.8		10.9	32.7

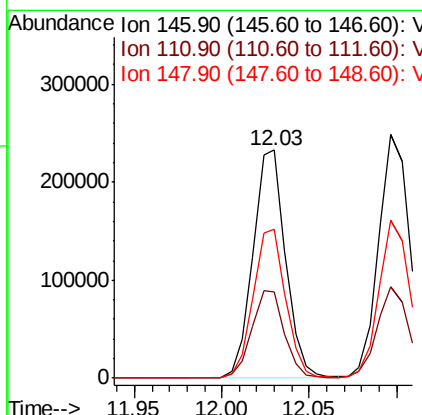
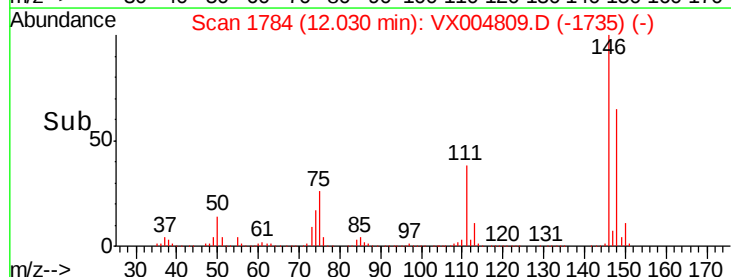
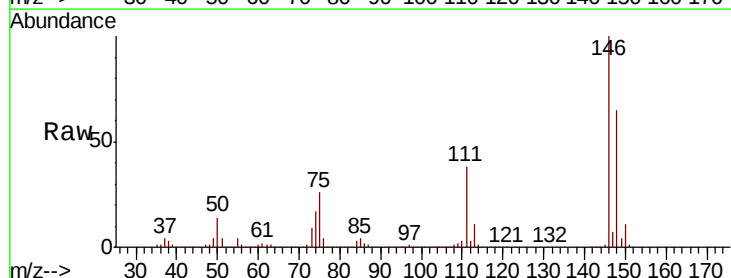
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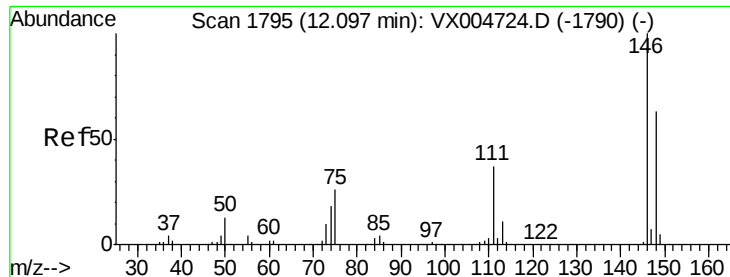
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 49.390 ug/l
RT: 12.03 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	302032		
111	38.4		18.7	56.1
148	65.0		32.1	96.5





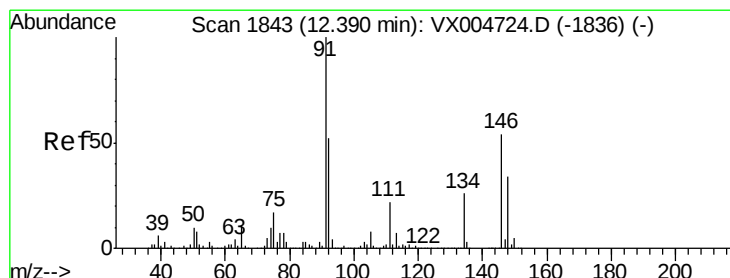
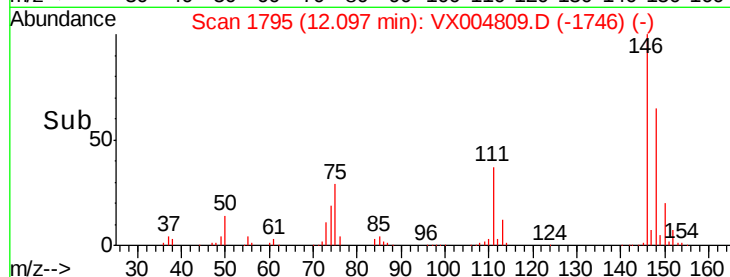
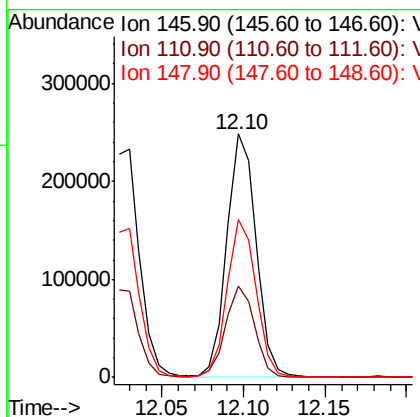
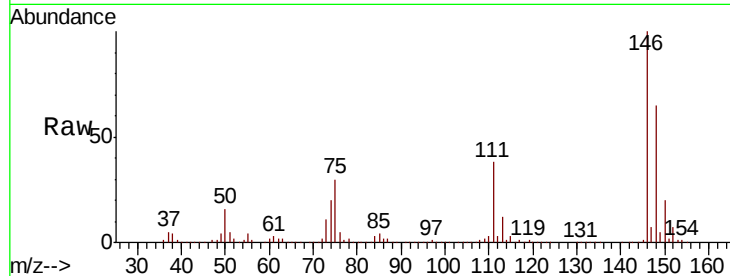
#88
 1,4-Dichlorobenzene
 Concen: 49.188 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.2	32.0	96.0

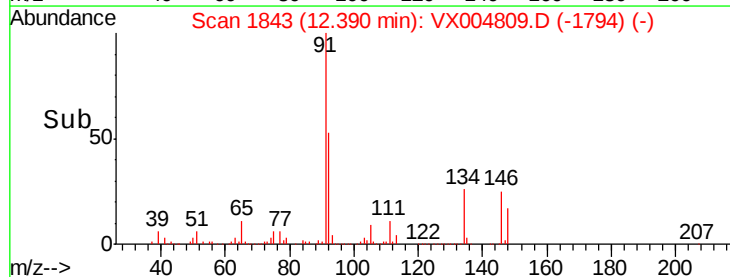
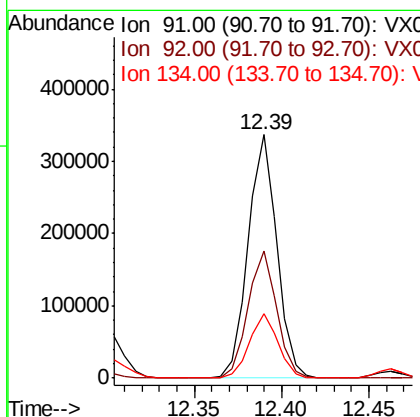
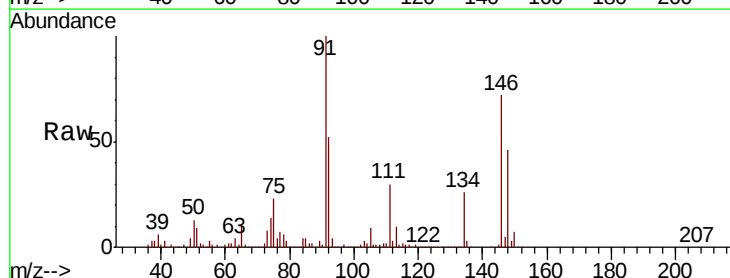
Manual Integrations
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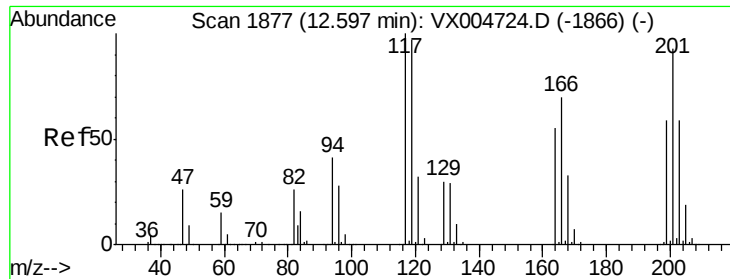
MMDadoda
 9/28/2018 2:26:13 PM



#89
 n-Butylbenzene
 Concen: 41.224 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.3	81.9
134	26.2	13.6	40.7





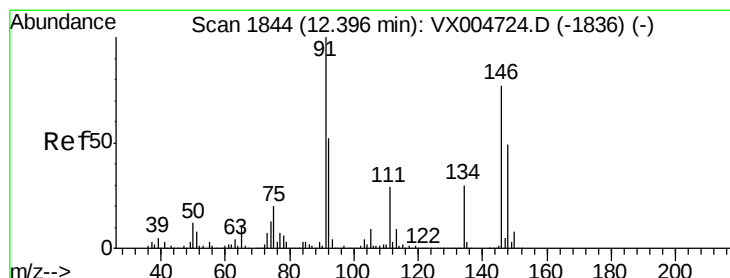
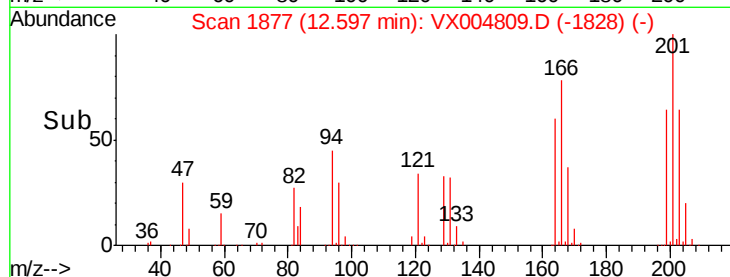
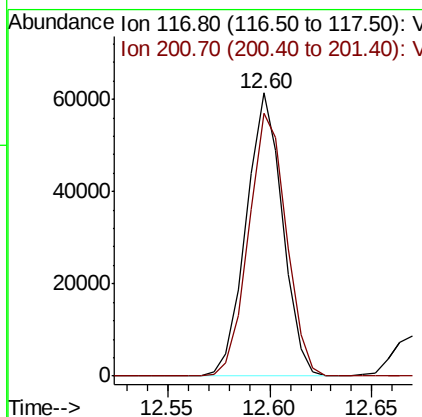
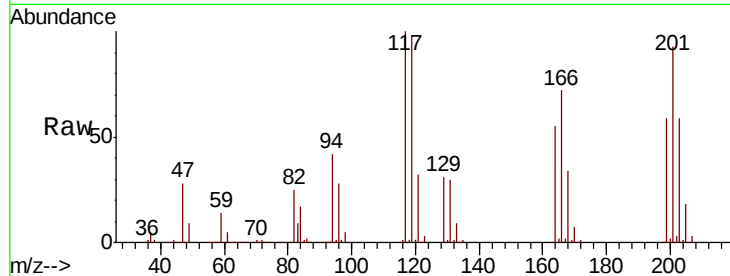
#90
Hexachloroethane
Concen: 44.430 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918MSD

Tot Ion:117 Resp: 75782
Ion Ratio Lower Upper
117 100
201 96.4 46.9 140.6

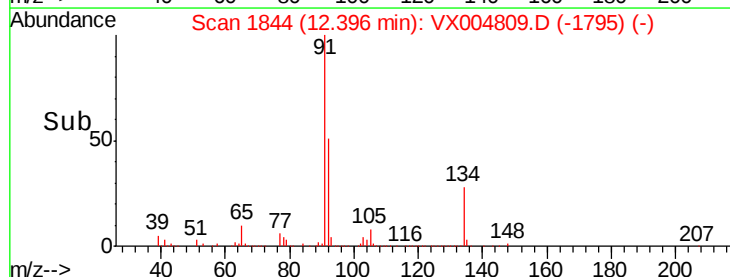
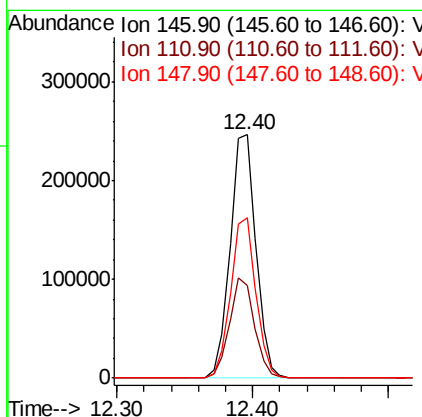
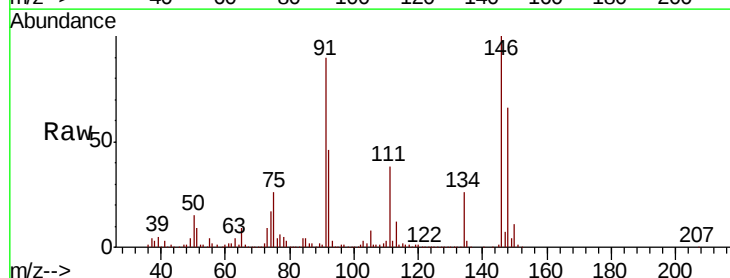
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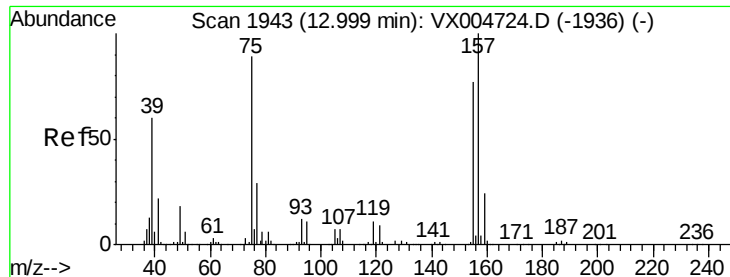
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9/28/2018 2:26:13 PM



#91
1,2-Dichlorobenzene
Concen: 50.728 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VX004809.D
Acq: 28 Sep 2018 07:44

Tgt Ion:146 Resp: 324187
Ion Ratio Lower Upper
146 100
111 39.9 19.4 58.1
148 64.5 32.8 98.3





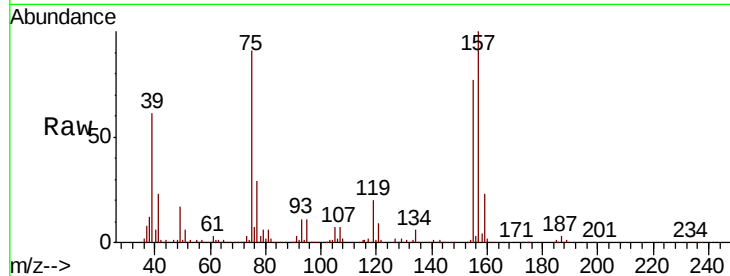
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 64.132 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	89.8	48.0	144.2
157	116.6	61.4	184.1

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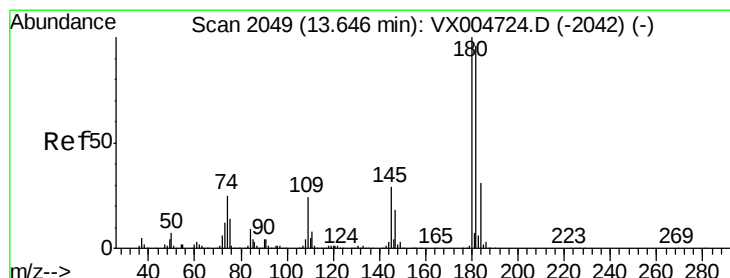
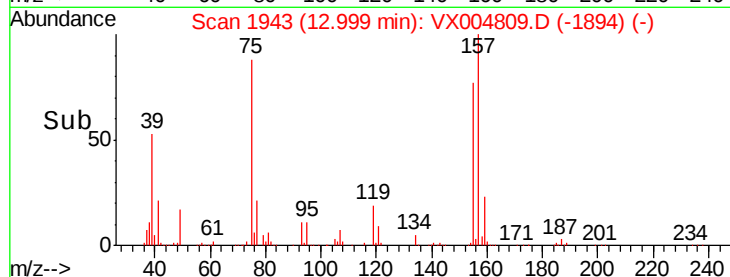
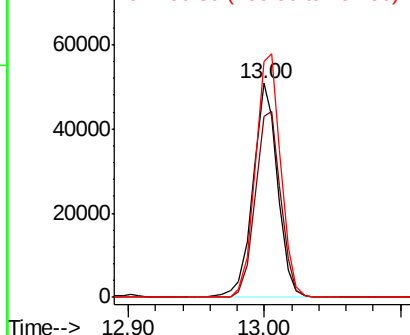
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Abundance Ion 74.90 (74.60 to 75.60): VX004724.D (-1936) (-)

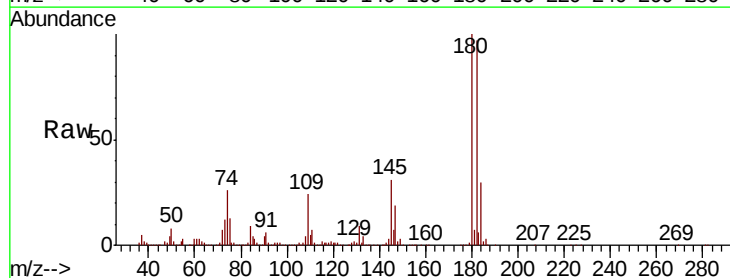
Ion 154.80 (154.50 to 155.50): VX004724.D (-1936) (-)

Ion 156.80 (156.50 to 157.50): VX004724.D (-1936) (-)



#93
 1,2,4-Trichlorobenzene
 Concen: 51.736 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

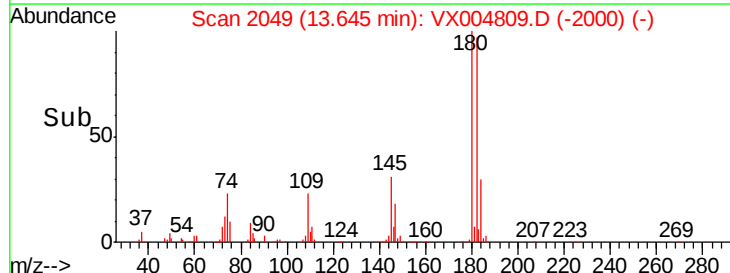
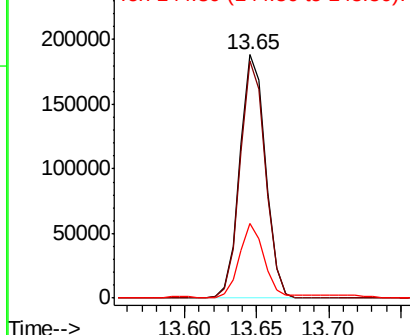
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.4	145.0
145	29.3	14.3	42.9

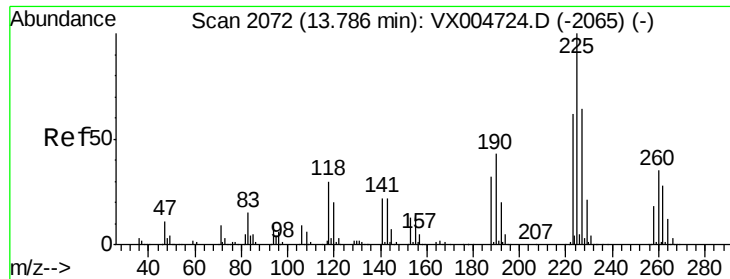


Abundance Ion 179.80 (179.50 to 180.50): VX004724.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX004724.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX004724.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 33.078 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Instrument :

MSVOA_X

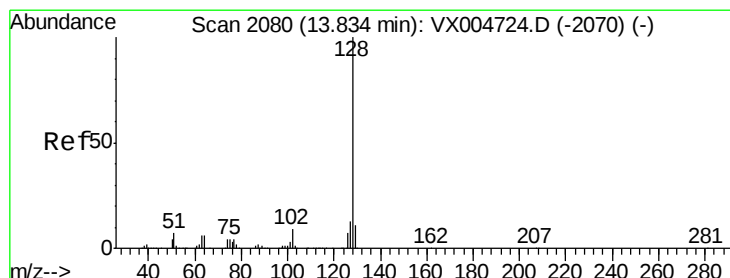
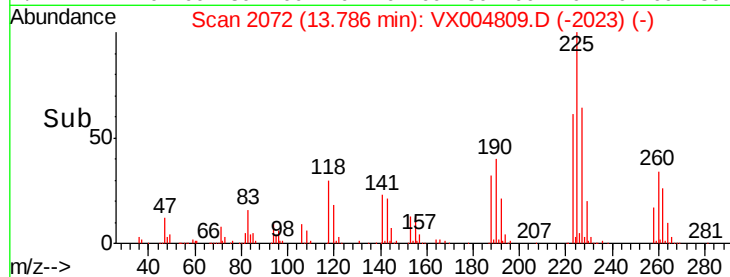
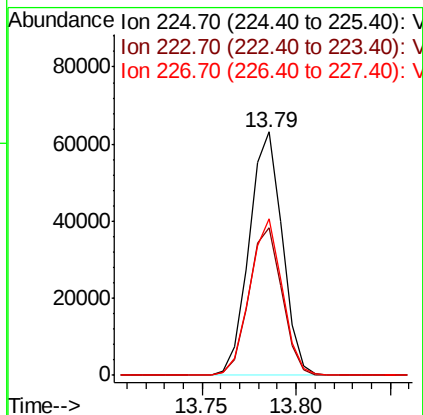
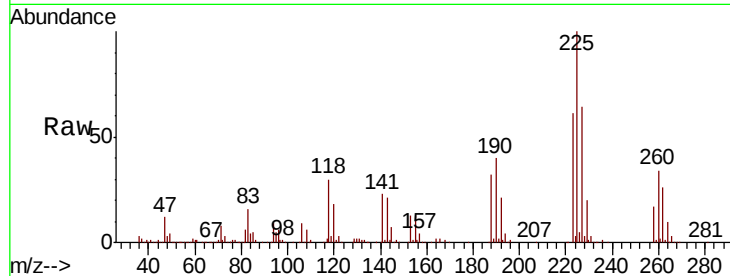
ClientSampleId :

T3-MW-7-10.0-091918MSD

Tot Ion:	225	Resp:	76894
Ion Ratio	Lower	Upper	
225	100		
223	60.7	30.1	90.5
227	62.9	30.8	92.4

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#95

Naphthalene

Concen: 57.903 ug/l

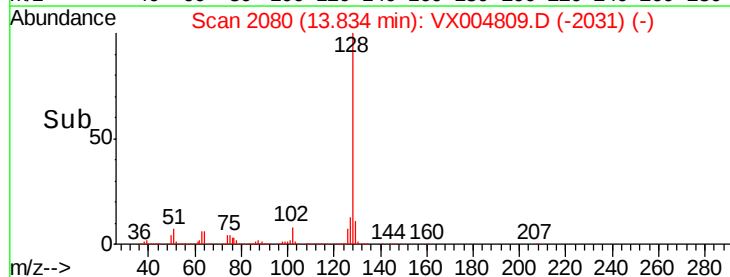
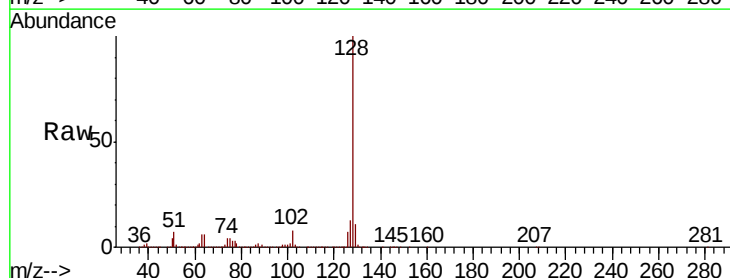
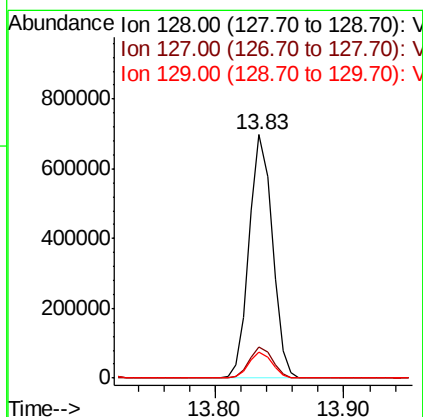
RT: 13.83 min Scan# 2080

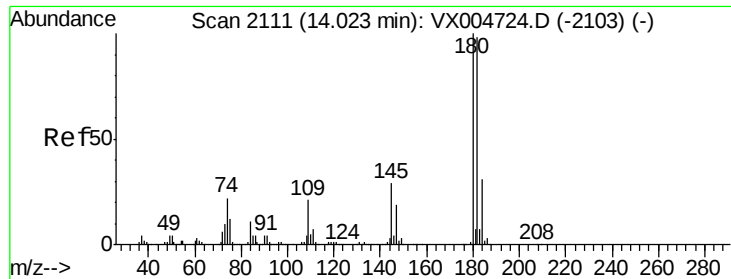
Delta R.T. 0.00 min

Lab File: VX004809.D

Acq: 28 Sep 2018 07:44

Tgt Ion:	128	Resp:	863272
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	10.9	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 53.732 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX004809.D
 Acq: 28 Sep 2018 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MSD

Tot Ion:	180	Resp:	248830
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.5	145.6
145	30.9	14.9	44.9

Manual Integrations
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