

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004780.D
 Acq On : 18 Aug 2018 13:48
 Operator : SY/AP
 Sample : J4448-03MSD
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MSD

Manual Integrations
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 8/20/2018 12:44:58 PM

Quant Time: Aug 20 02:28:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	536629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	835607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	711545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	327968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	298342	57.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.00%	
35) Dibromofluoromethane	7.89	113	296702	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
50) Toluene-d8	10.33	98	1105307	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.62	95	352897	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	193981	54.57	ug/l	97
3) Chloromethane	2.22	50	269639	58.02	ug/l	99
4) Vinyl Chloride	2.37	62	408920	59.78	ug/l	100
5) Bromomethane	2.79	94	220122	52.10	ug/l	97
6) Chloroethane	2.93	64	254244	61.59	ug/l	97
7) Trichlorofluoromethane	3.26	101	189409	58.77	ug/l	99
8) Diethyl Ether	3.68	74	182150	62.51	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	313473	56.49	ug/l	100
10) Methyl Iodide	4.27	142	377019	44.73	ug/l	100
11) Tert butyl alcohol	5.23	59	93303	321.90	ug/l	99
12) 1,1-Dichloroethene	4.03	96	321525	58.14	ug/l	99
14) Allvl chloride	4.67	41	493162	58.76	ug/l	100
15) Acrylonitrile	5.37	53	260899	213.50	ug/l	99
16) Acetone	4.14	43	297527	224.65	ug/l	99
17) Carbon Disulfide	4.38	76	1032946	56.84	ug/l	100
18) Methyl Acetate	4.68	43	687292	242.16	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	478600	66.67	ug/l	96
20) Methylene Chloride	4.92	84	387618	65.43	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	351691	59.77	ug/l	98
22) Diisopropyl ether	6.31	45	950880	58.95	ug/l	95
23) Vinyl Acetate	6.31	43	483022	52.94	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	632455	60.34	ug/l	99
25) 2-Butanone	7.18	43	313752	166.27	ug/l	99
26) 2,2-Dichloropropane	7.17	77	278667	46.03	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	380624	60.09	ug/l	98
28) Bromochloromethane	7.51	49	280926	63.64	ug/l	99
29) Tetrahydrofuran	7.54	42	313486	325.79	ug/l	99
30) Chloroform	7.68	83	636438	61.73	ug/l	99
31) Cyclohexane	7.96	56	557179	54.95	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	492128	60.22	ug/l	99
36) 1,1-Dichloropropene	8.09	75	482101	56.00	ug/l	100
37) Ethyl Acetate	7.26	43	19113	5.57	ug/l #	79
38) Carbon Tetrachloride	8.07	117	447110	56.43	ug/l	99
39) Methylcyclohexane	9.34	83	568650	52.82	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.33	78	1433086	57.28	ug/l	99
41) Methacrylonitrile	7.51	41	74321m	38.16	ug/l	
42) 1,2-Dichloroethane	8.40	62	381975	59.54	ug/l	100
43) Isopropyl Acetate	8.43	43	86307	14.00	ug/l	# 59
44) Trichloroethene	9.10	130	350467	55.19	ug/l	99
45) 1,2-Dichloropropane	9.37	63	357615	58.44	ug/l	99
46) Dibromomethane	9.46	93	179686	59.27	ug/l	99
47) Bromodichloromethane	9.65	83	423370	58.47	ug/l	99
48) Methyl methacrylate	9.44	41	211994	73.30	ug/l	96
49) 1,4-Dioxane	9.48	88	58162	1313.15	ug/l	# 83
51) 4-Methyl-2-Pentanone	10.21	43	1055474	253.37	ug/l	99
52) Toluene	10.39	92	842729	56.17	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	375294	51.45	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	445100	51.18	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	252299	58.55	ug/l	100
56) Ethyl methacrylate	10.65	69	57270	12.55	ug/l	# 83
57) 1,3-Dichloropropane	10.94	76	433514	58.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	593615	249.43	ug/l	99
59) 2-Hexanone	10.98	43	543688	192.62	ug/l	99
60) Dibromochloromethane	11.13	129	272689	56.40	ug/l	97
61) 1,2-Dibromoethane	11.24	107	231459	56.19	ug/l	99
64) Tetrachloroethene	10.87	164	282448	58.08	ug/l	99
65) Chlorobenzene	11.66	112	847443	55.34	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	307952	59.55	ug/l	97
67) Ethyl Benzene	11.74	91	1519009	58.51	ug/l	99
68) m/p-Xylenes	11.85	106	1139826	112.84	ug/l	98
69) o-Xylene	12.17	106	551548	58.98	ug/l	95
70) Stvrene	12.18	104	175027	11.14	ug/l	# 57
71) Bromoform	12.35	173	166720	61.08	ug/l	# 98
73) Isopropylbenzene	12.47	105	1445530	64.79	ug/l	99
74) N-amyl acetate	12.28	43	20957	7.71	ug/l	# 95
75) 1,1,2,2-Tetrachloroethane	12.72	83	300100	72.61	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	198578m	68.69	ug/l	
77) Bromobenzene	12.75	156	349164	64.65	ug/l	99
78) n-propylbenzene	12.81	91	1719459	63.15	ug/l	100
79) 2-Chlorotoluene	12.90	91	990011	63.08	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1173859	61.93	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	60648	48.76	ug/l	95
82) 4-Chlorotoluene	12.99	91	997743	59.84	ug/l	99
83) tert-Butylbenzene	13.21	119	997947	61.55	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1217490	62.43	ug/l	99
85) sec-Butylbenzene	13.39	105	1394206	57.60	ug/l	100
86) p-Isopropyltoluene	13.51	119	1132090	53.75	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	606369	55.20	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	596723	54.34	ug/l	100
89) n-Butylbenzene	13.83	91	1001664	49.19	ug/l	99
90) Hexachloroethane	14.10	117	203569	53.02	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	557168	56.47	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	44276	68.54	ug/l	98
93) 1,2,4-Trichlorobenzene	15.14	180	263740	37.79	ug/l	100

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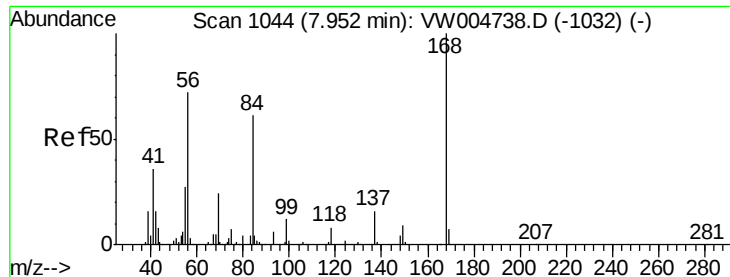
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	146892	34.29	ug/l	99
95) Naphthalene	15.38	128	575766	43.10	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	225729	36.48	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:168 Resp: 536629

Ion Ratio Lower Upper

168 100

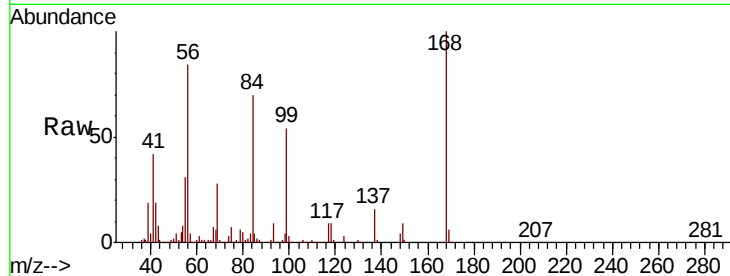
99 53.9 41.0 61.4

Manual Integrations

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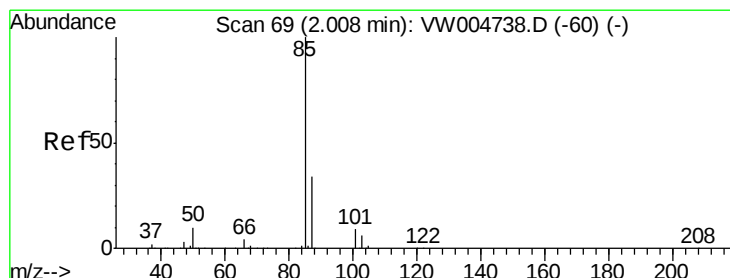
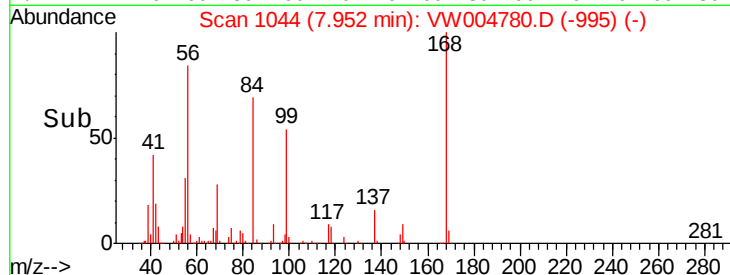
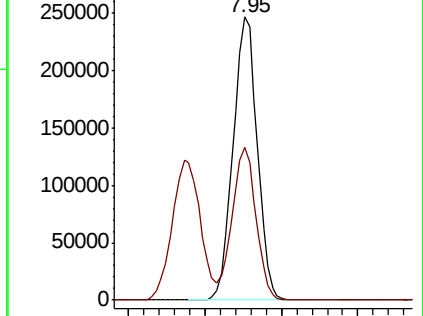
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.57 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004780.D

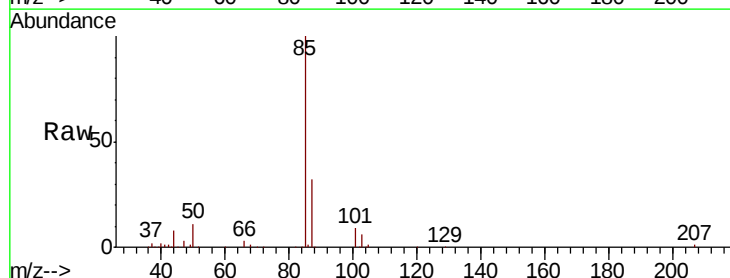
Acq: 18 Aug 2018 13:48

Tgt Ion: 85 Resp: 193981

Ion Ratio Lower Upper

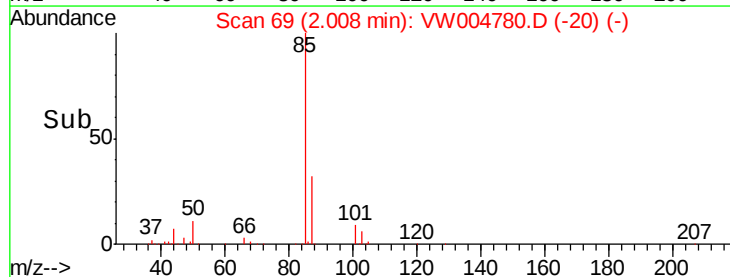
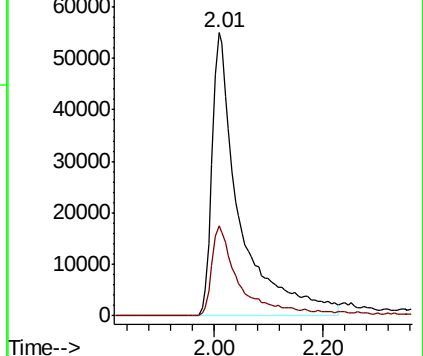
85 100

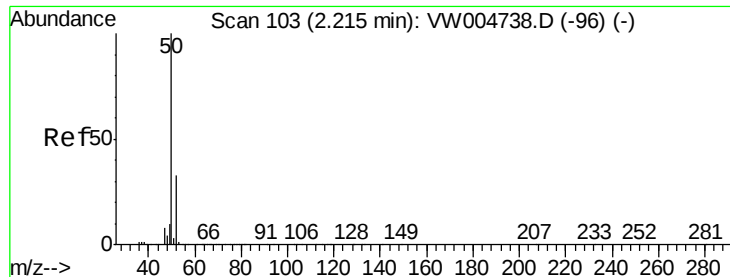
87 31.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 58.02 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion: 50 Resp: 269639

Ion Ratio Lower Upper

50 100

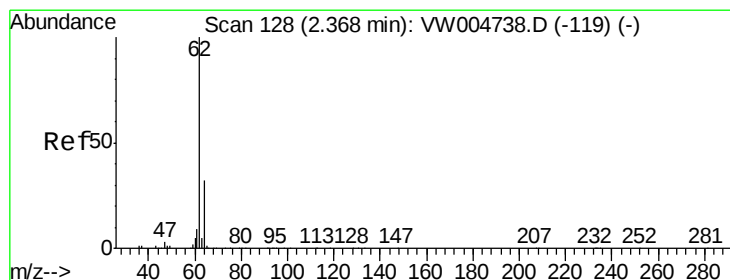
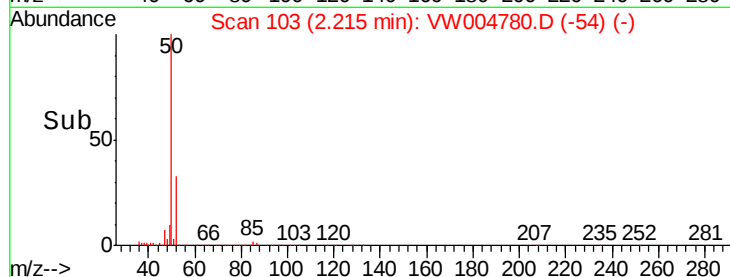
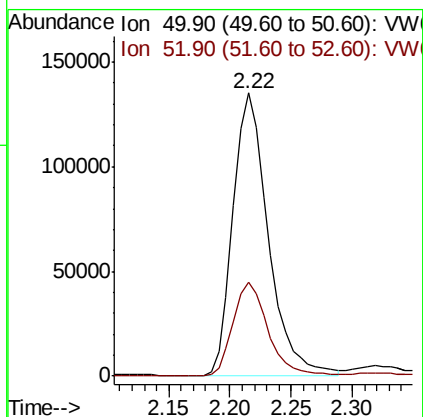
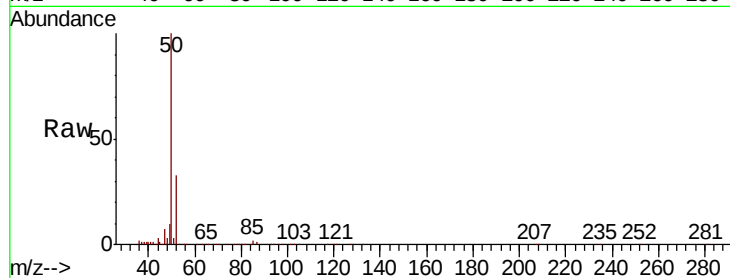
52 33.0 26.7 40.1

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#4

Vinyl Chloride

Concen: 59.78 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004780.D

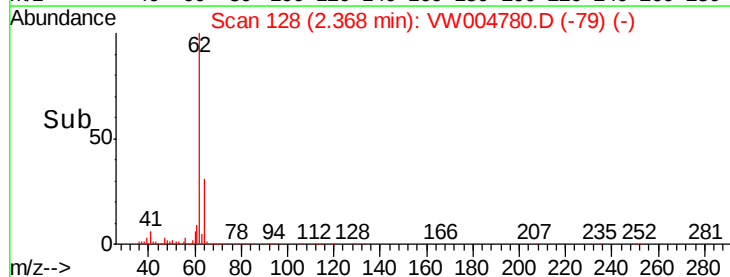
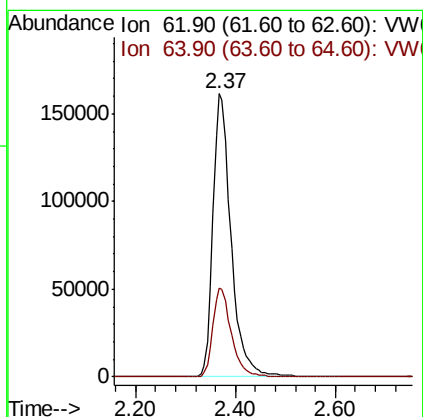
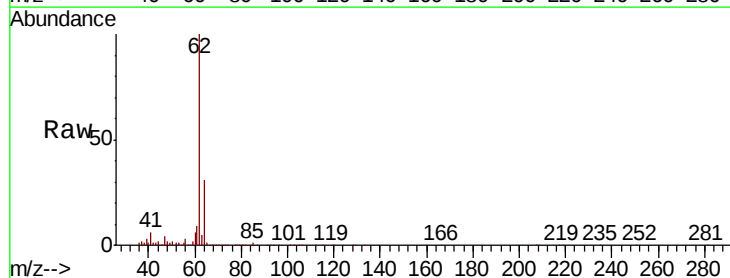
Acq: 18 Aug 2018 13:48

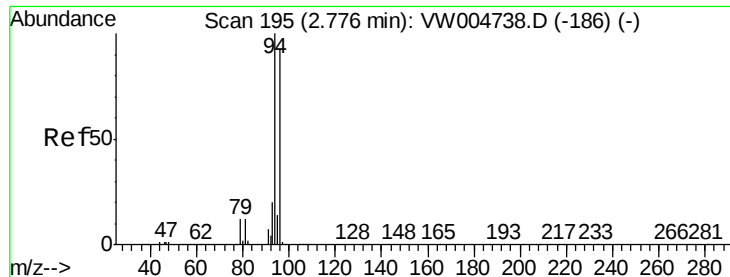
Tgt Ion: 62 Resp: 408920

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8





#5

Bromomethane

Concen: 52.10 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 220122

Ion Ratio Lower Upper

94 100

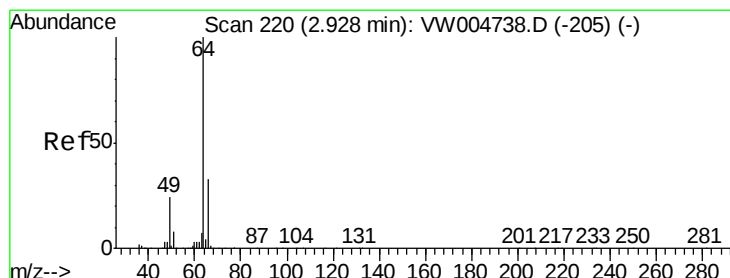
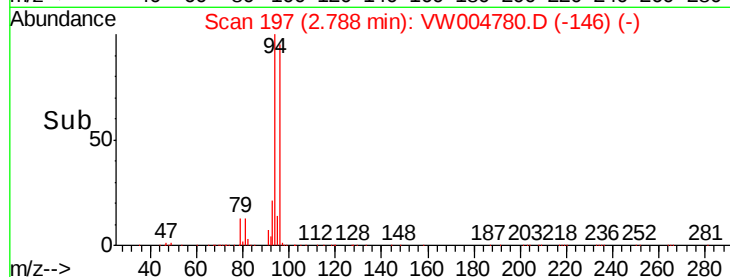
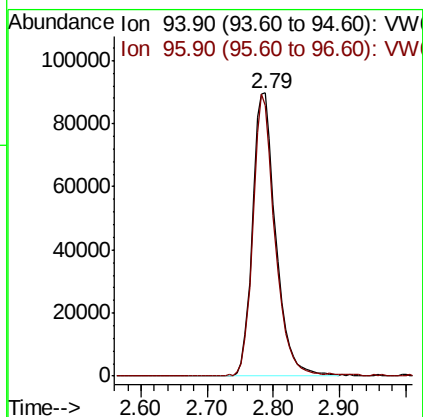
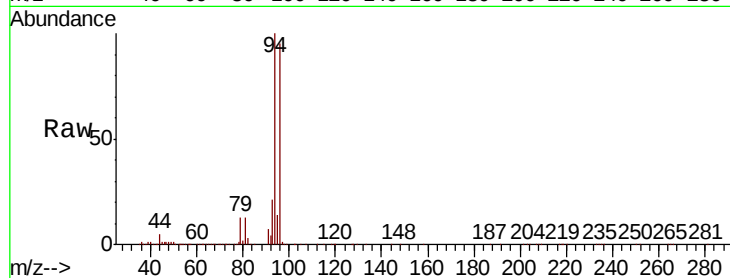
96 95.3 74.3 111.5

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#6

Chloroethane

Concen: 61.59 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004780.D

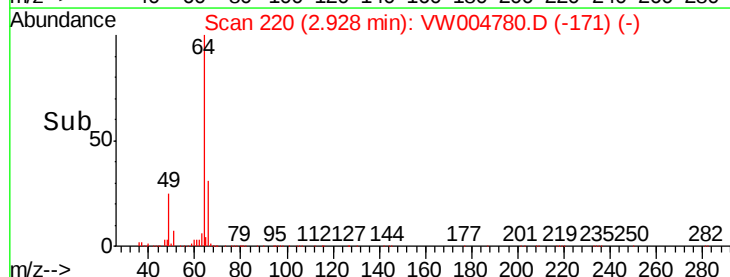
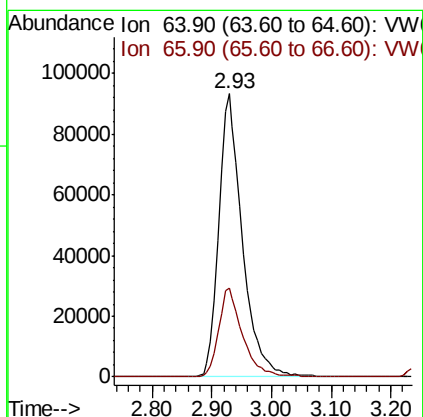
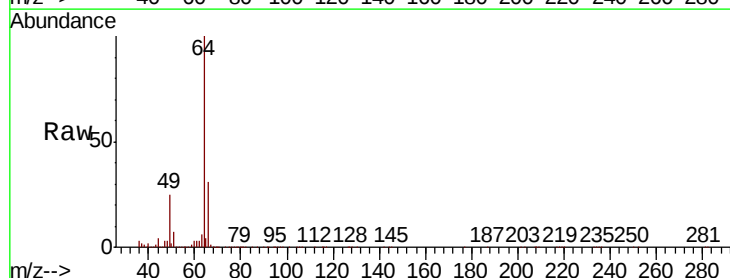
Acq: 18 Aug 2018 13:48

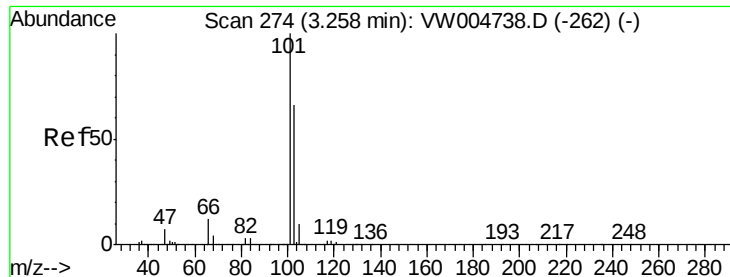
Tgt Ion: 64 Resp: 254244

Ion Ratio Lower Upper

64 100

66 31.2 26.1 39.1





#7

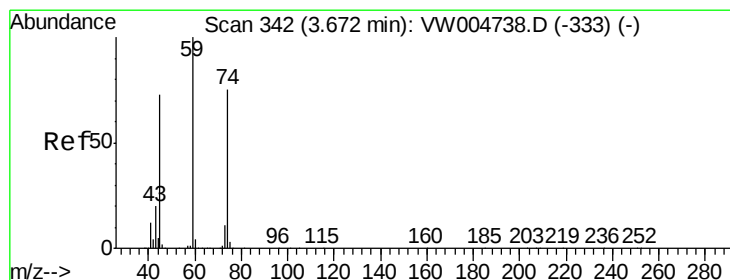
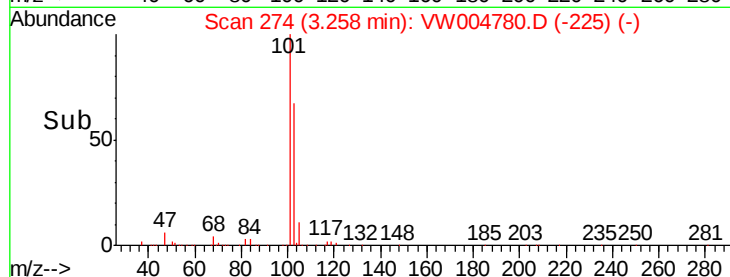
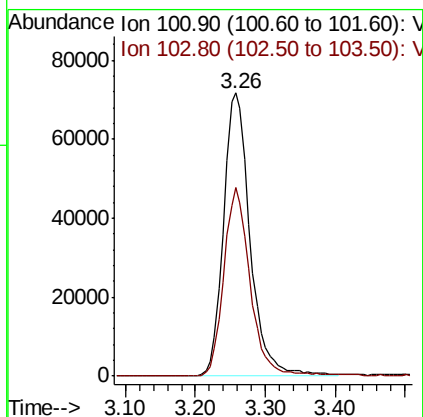
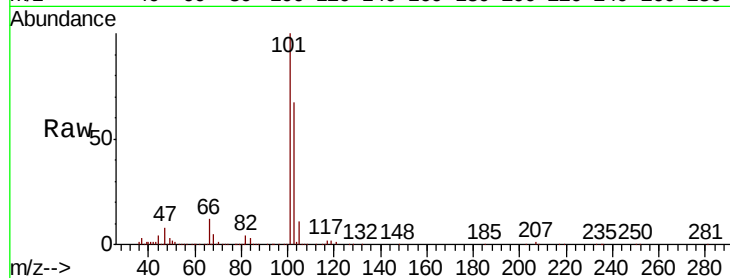
Trichlorofluoromethane
Concen: 58.77 ug/l
RT: 3.26 min Scan# 274
Delta R.T. -0.00 min
Lab File: VW004780.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		189409		
103	66.4	52.5	78.7		

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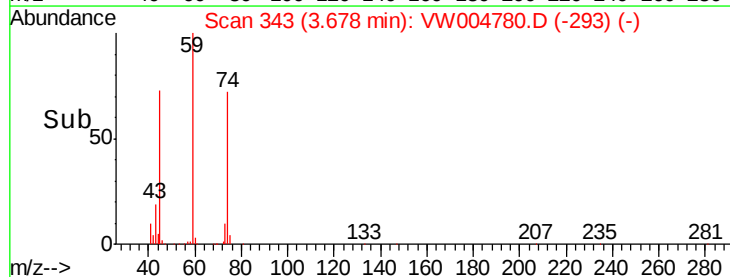
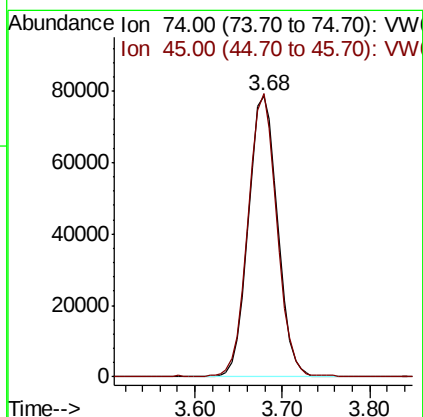
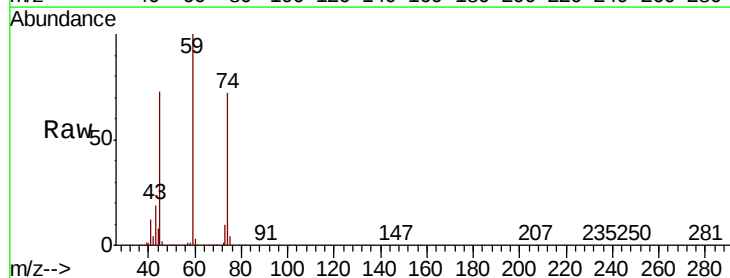
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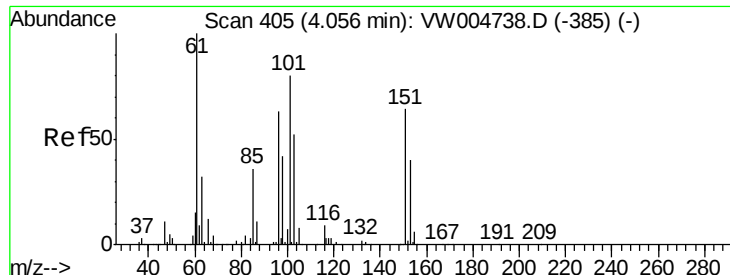


#8

Diethyl Ether
Concen: 62.51 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		182150		
45	98.9	49.8	149.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.49 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

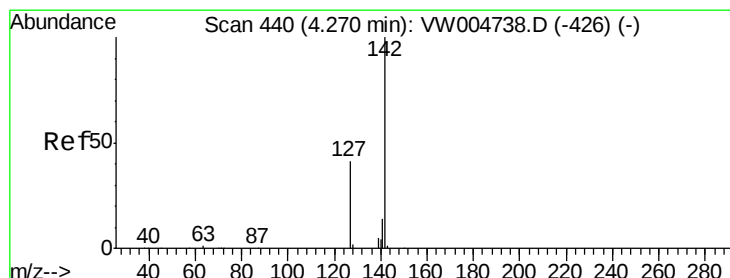
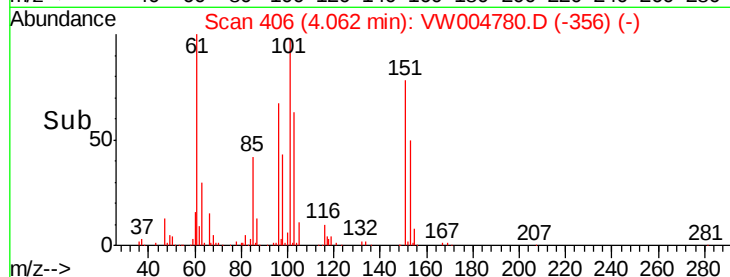
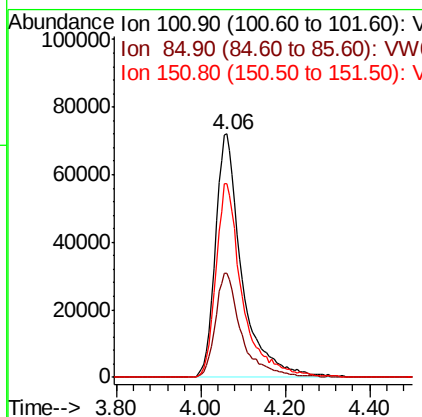
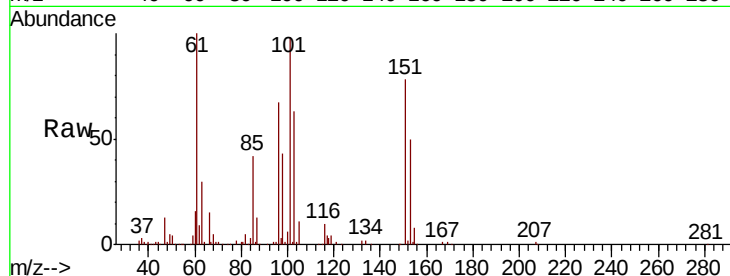
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:	101	Resp:	313473
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	79.3	63.4	95.2

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#10

Methyl Iodide

Concen: 44.73 ug/l

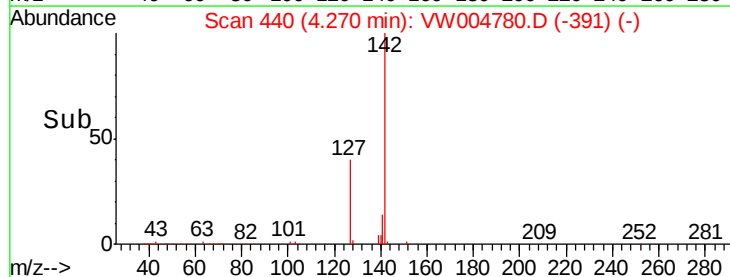
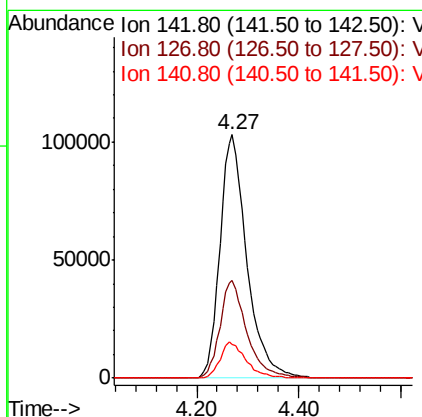
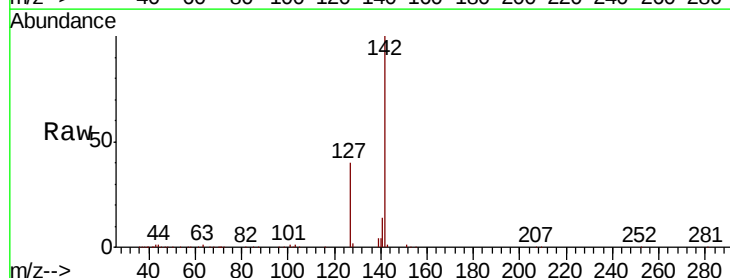
RT: 4.27 min Scan# 440

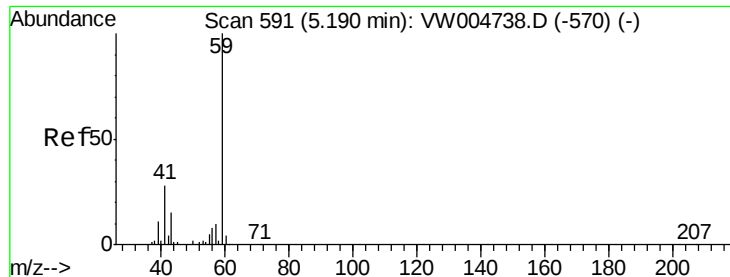
Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion:	142	Resp:	377019
Ion Ratio	Lower	Upper	
142	100		
127	40.2	32.1	48.1
141	14.5	11.7	17.5





#11

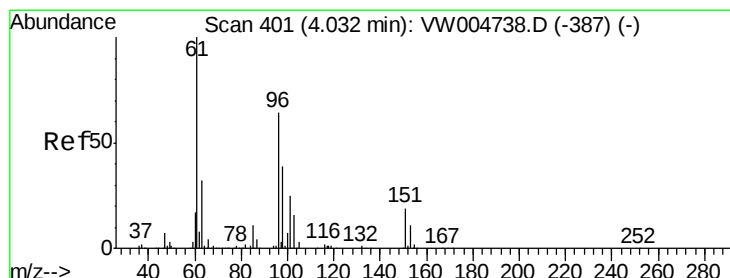
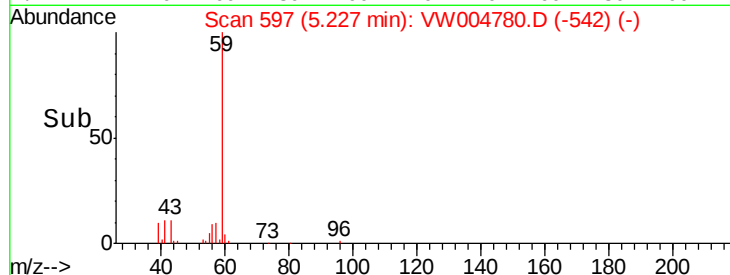
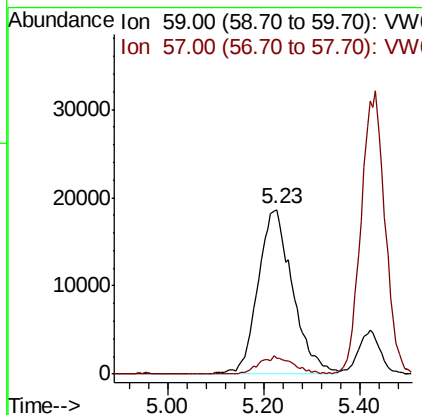
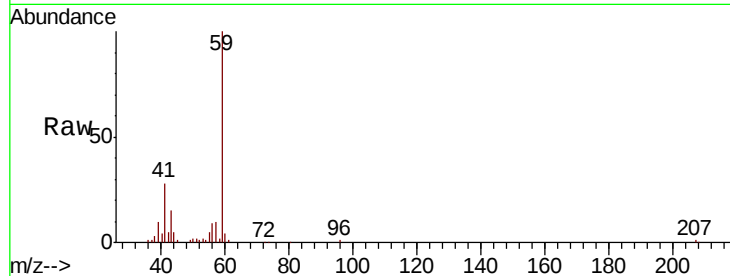
Tert butyl alcohol
Concen: 321.90 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.04 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	59	Resp	93303
Ion Ratio	100	Lower	Upper
57	10.9	8.4	12.6

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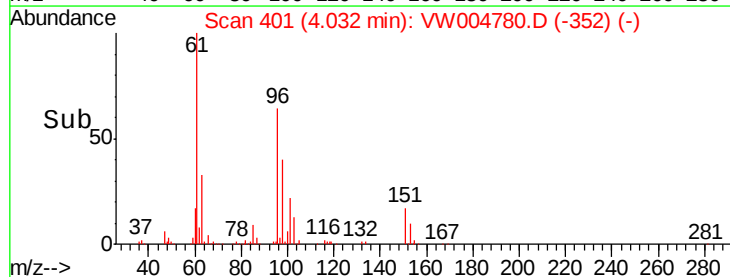
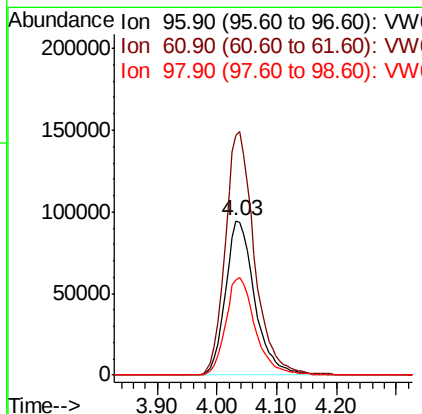
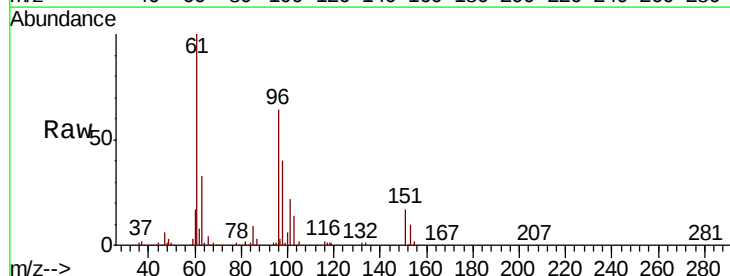
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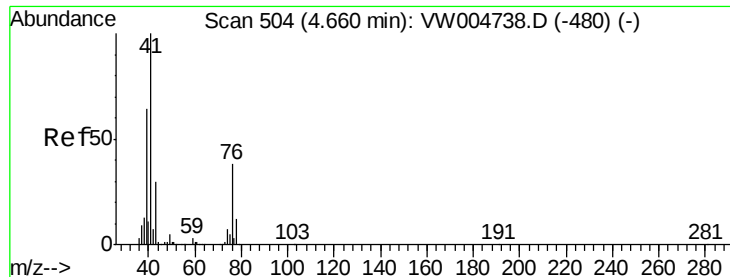


#12

1,1-Dichloroethene
Concen: 58.14 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	96	Resp	321525
Ion Ratio	100	Lower	Upper
61	155.5	125.6	188.4
98	61.8	49.4	74.0





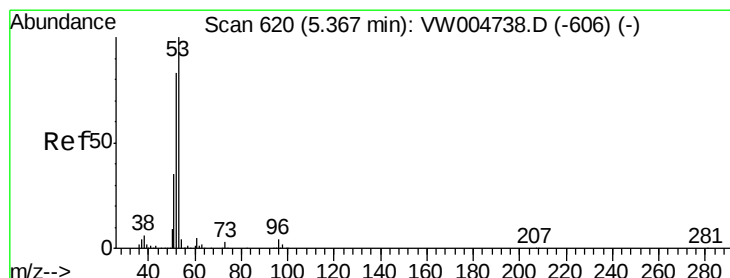
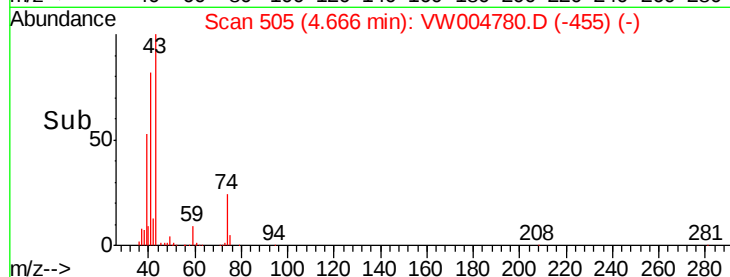
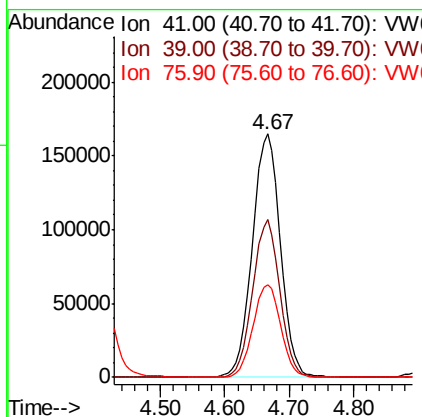
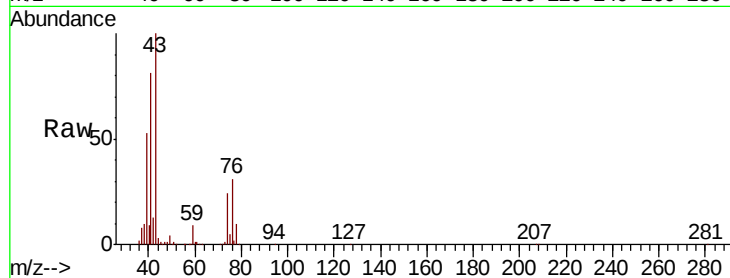
#14
Allvl chloride
Concen: 58.76 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
41	100	493162		
39	62.5	50.0	75.0	
76	37.0	29.8	44.6	

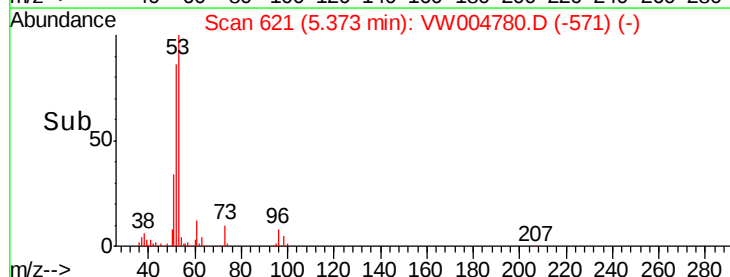
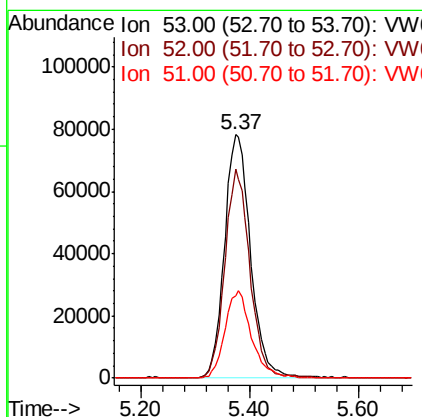
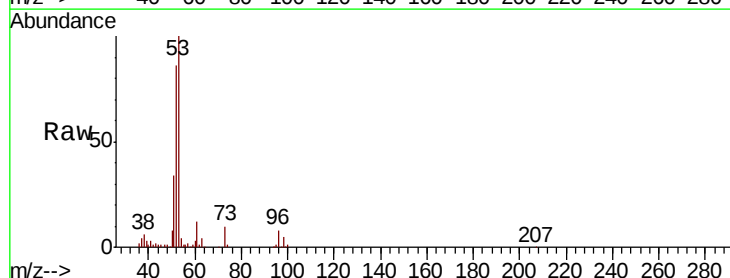
Manual Integrations
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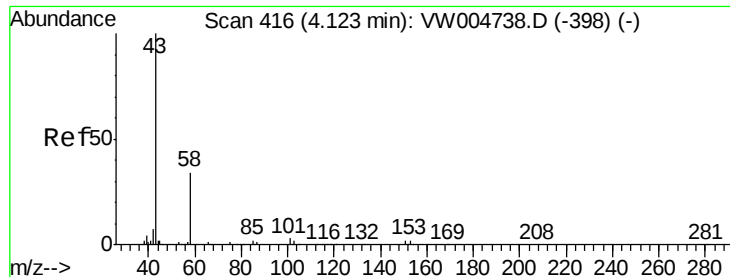
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#15
Acrylonitrile
Concen: 213.50 ug/l
RT: 5.37 min Scan# 621
Delta R.T. 0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
53	100	260899		
52	82.6	65.8	98.6	
51	36.6	28.7	43.1	





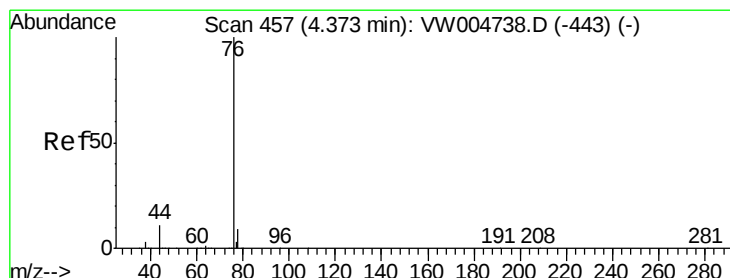
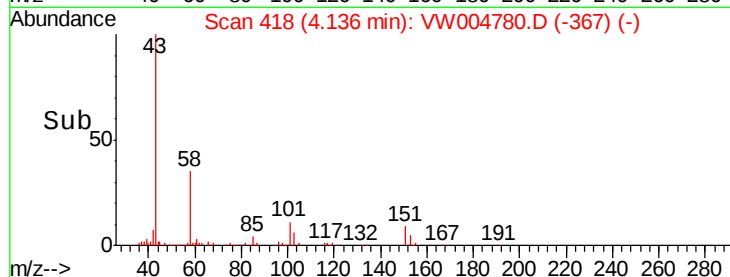
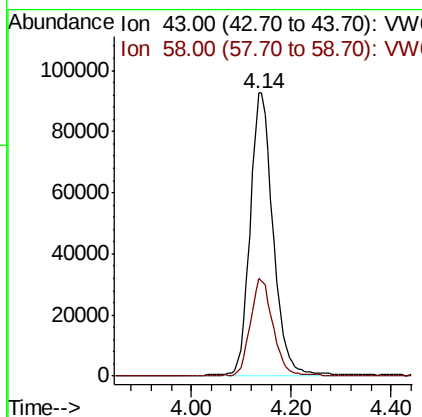
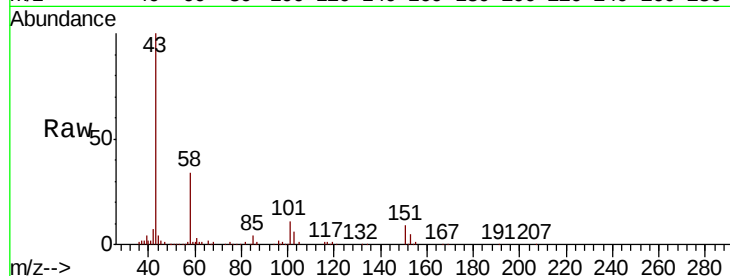
#16
Acetone
Concen: 224.65 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.3	40.9

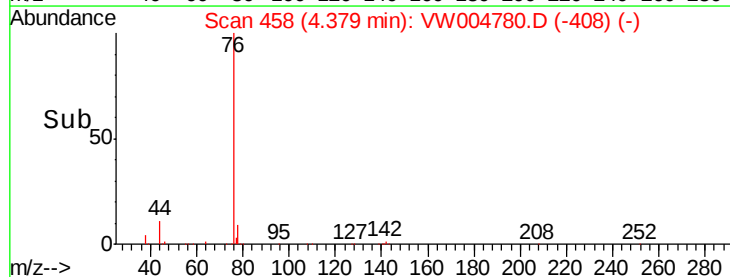
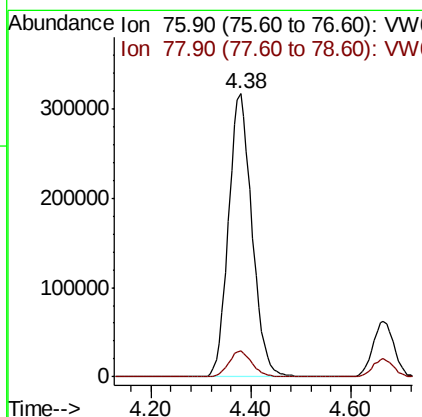
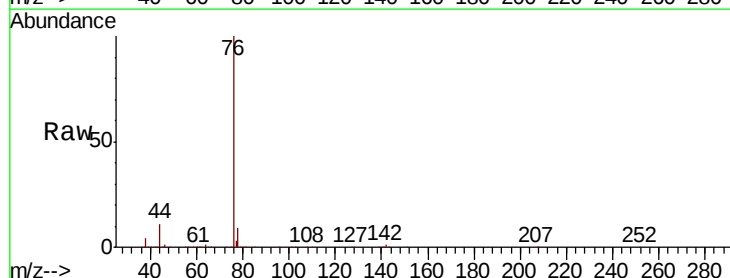
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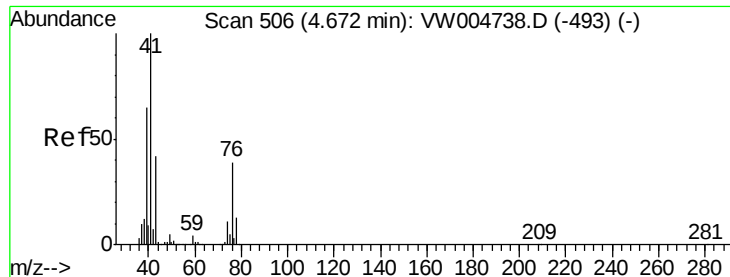
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#17
Carbon Disulfide
Concen: 56.84 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2





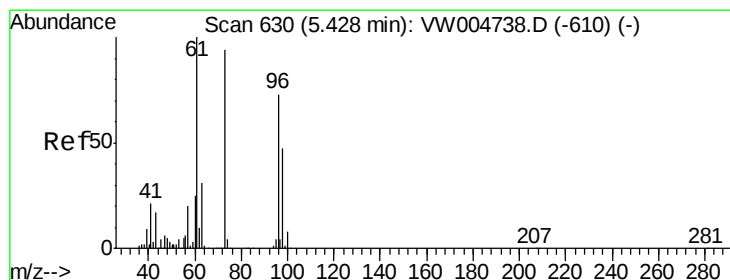
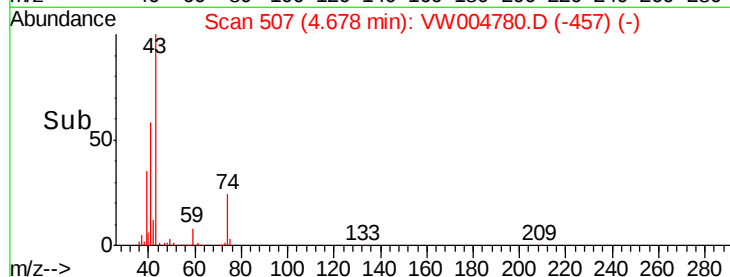
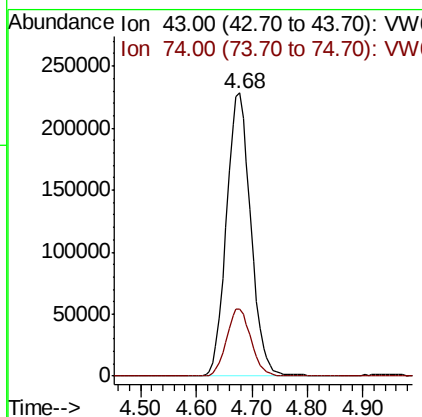
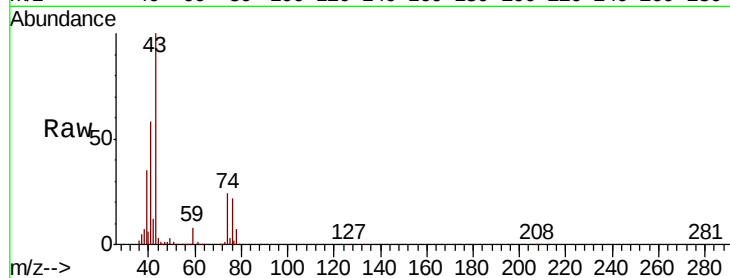
#18
Methvl Acetate
Concen: 242.16 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.8	29.8

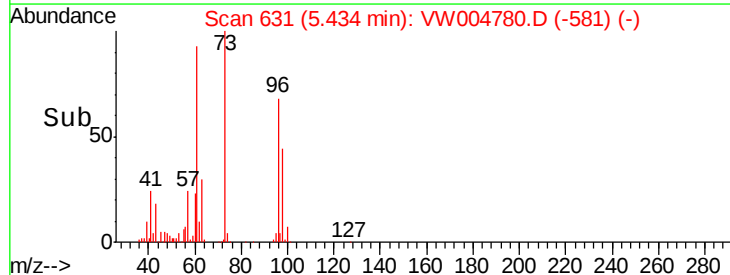
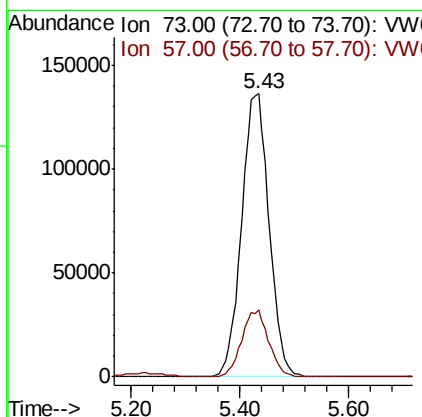
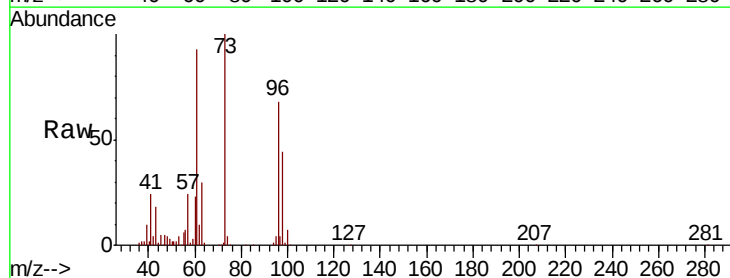
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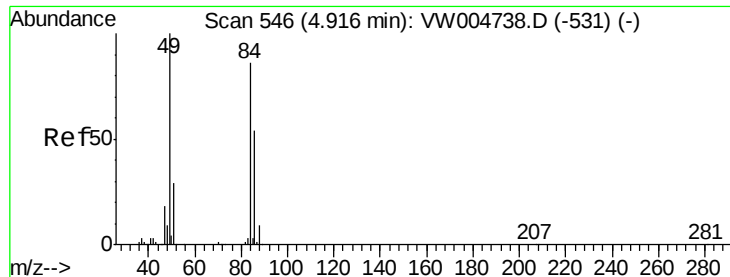
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#19
Methyl tert-butyl Ether
Concen: 66.67 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.6	17.3	25.9





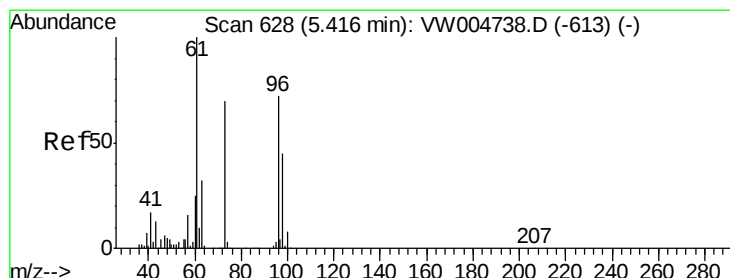
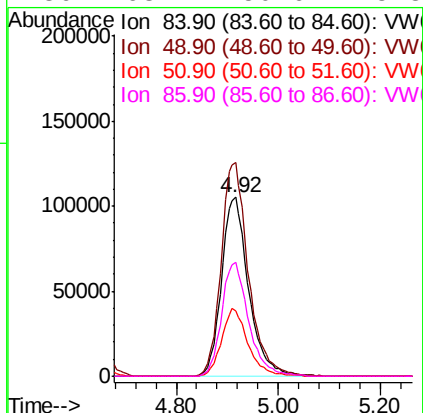
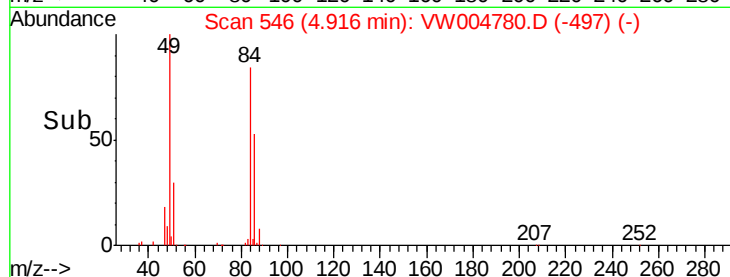
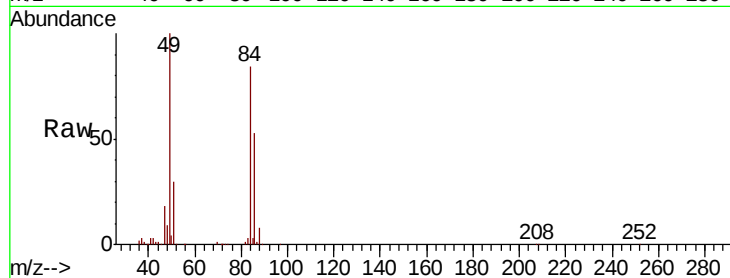
#20
Methvlene Chloride
Concen: 65.43 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion:	84	Resp:	387618
Ion Ratio	Lower	Upper	
84	100		
49	119.3	93.2	139.8
51	36.2	27.4	41.0
86	63.4	50.6	75.8

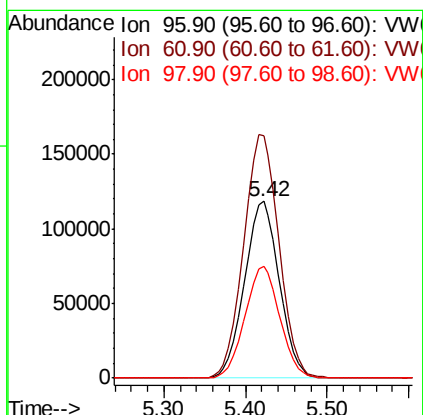
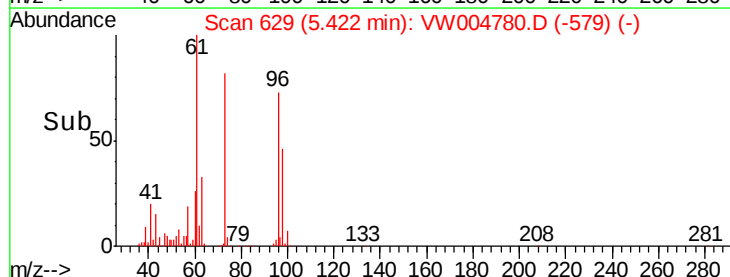
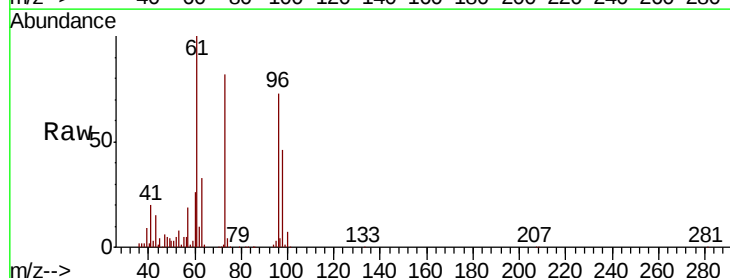
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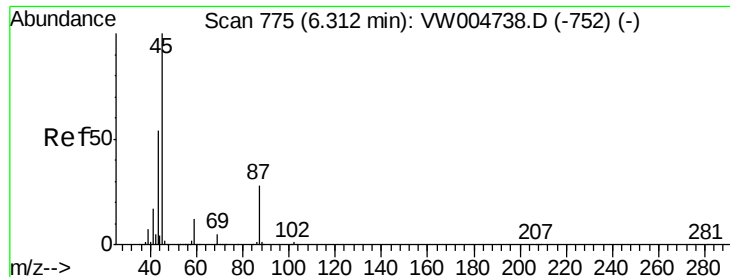
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#21
trans-1,2-Dichloroethene
Concen: 59.77 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion:	96	Resp:	351691
Ion Ratio	Lower	Upper	
96	100		
61	137.0	111.4	167.0
98	63.0	49.7	74.5





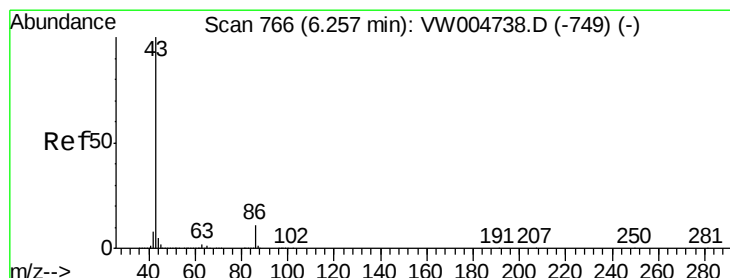
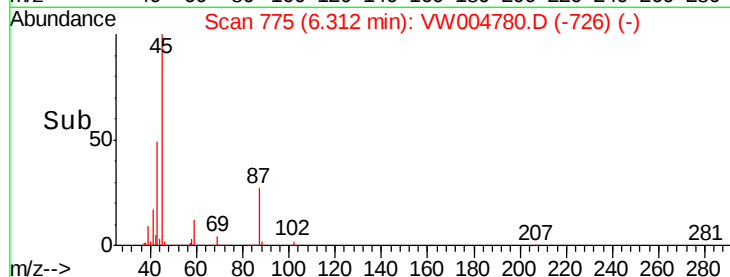
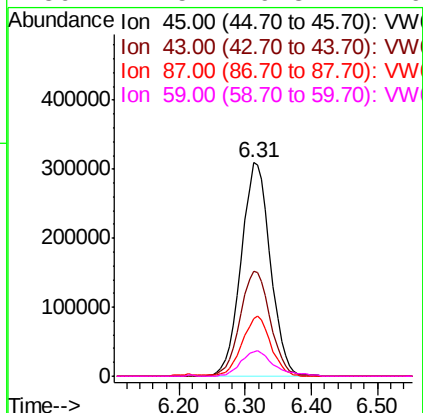
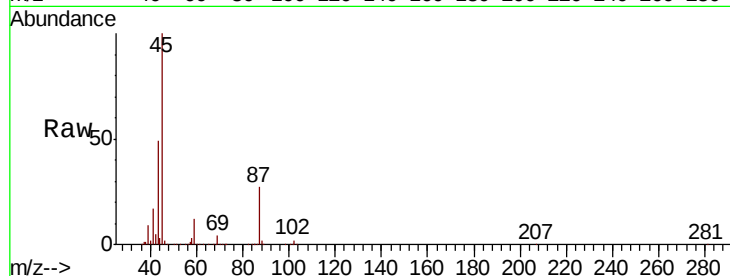
#22
Diisopropyl ether
Concen: 58.95 ug/l
RT: 6.31 min Scan# 775
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
45	100		950880		
43	48.8	43.0	64.6		
87	27.2	22.2	33.4		
59	11.5	9.8	14.6		

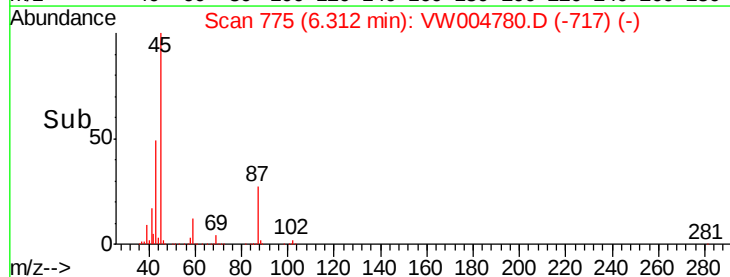
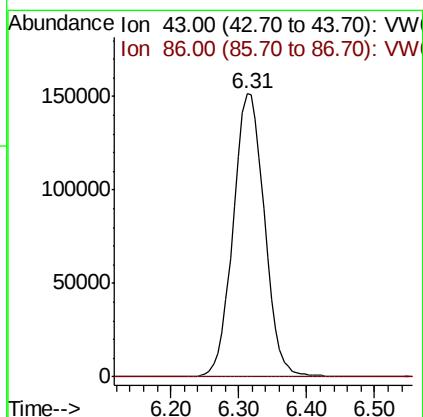
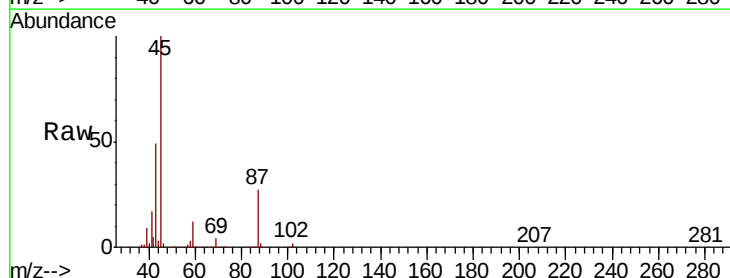
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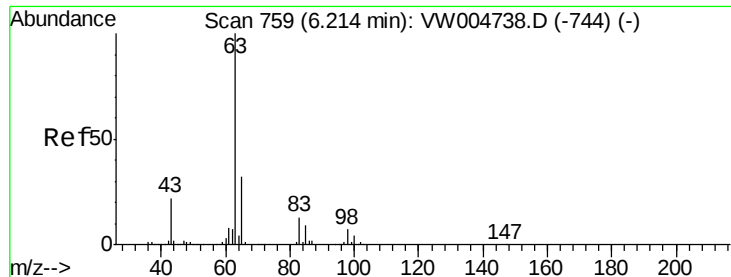
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#23
Vinyl Acetate
Concen: 52.94 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.05 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		483022		
86	0.4	8.5	12.7#		





#24

1,1-Dichloroethane

Concen: 60.34 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

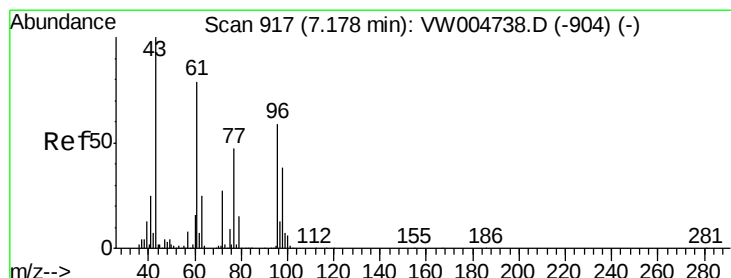
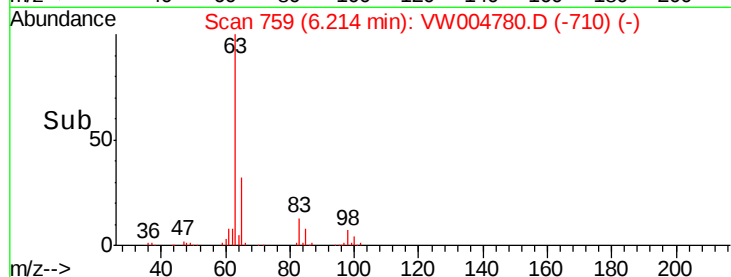
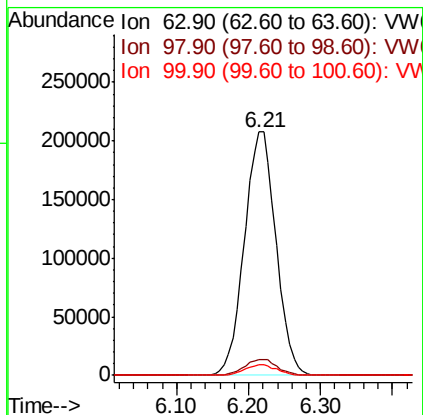
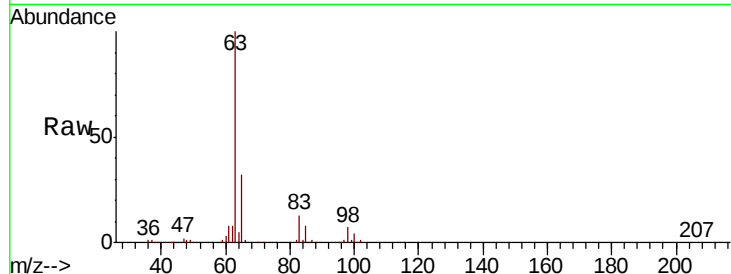
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:	63	Resp:	632455
Ion Ratio		Lower	Upper
63	100		
98	6.5	3.5	10.4
100	4.2	2.1	6.3

Manual Integrations
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#25

2-Butanone

Concen: 166.27 ug/l

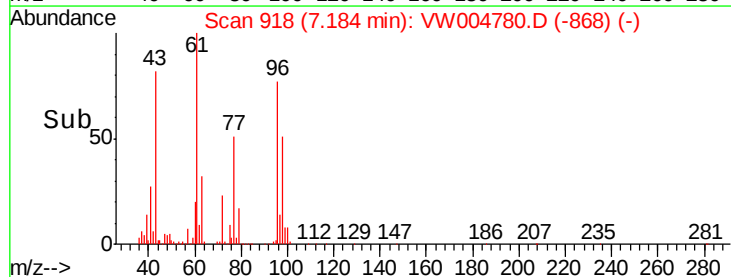
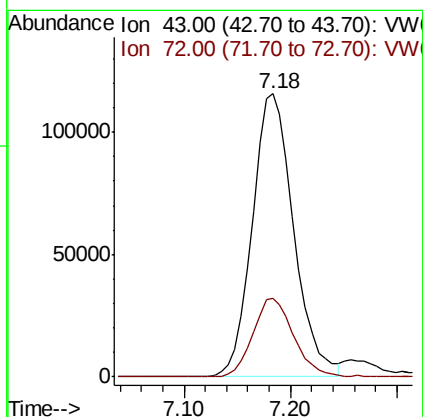
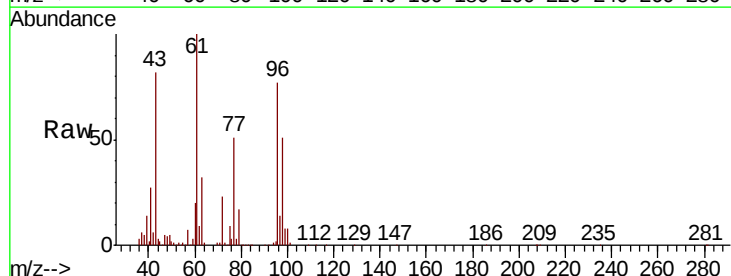
RT: 7.18 min Scan# 918

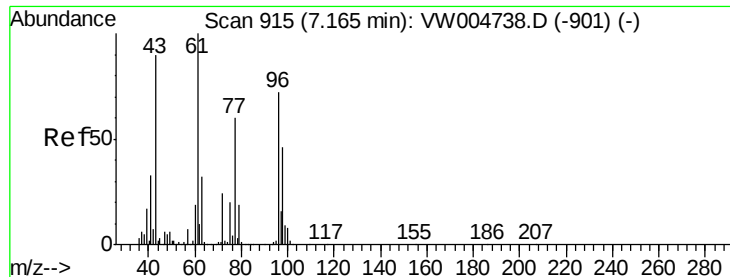
Delta R.T. 0.01 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion:	43	Resp:	313752
Ion Ratio		Lower	Upper
43	100		
72	27.8	22.0	33.0





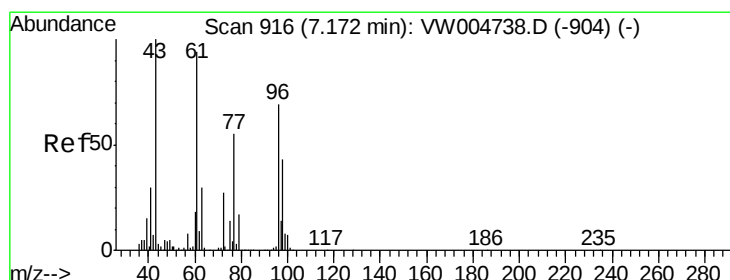
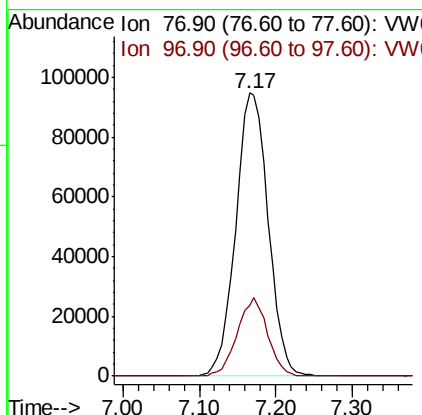
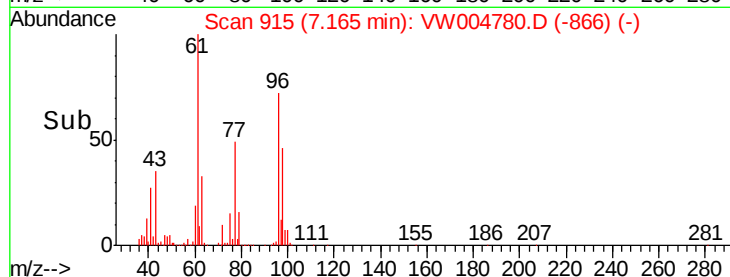
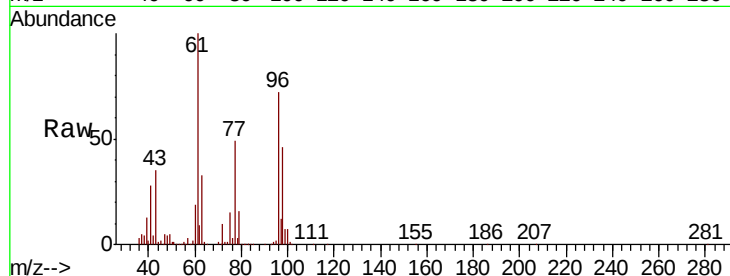
#26
 2,2-Dichloropropane
 Concen: 46.03 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
77	100		
97	25.9	12.6	37.8

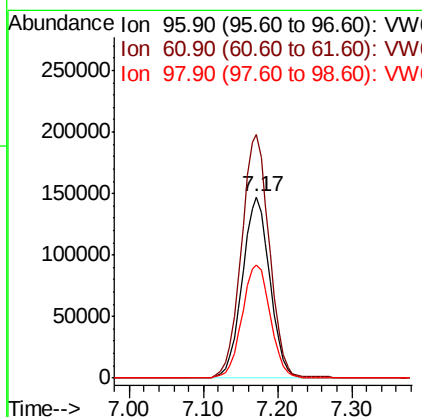
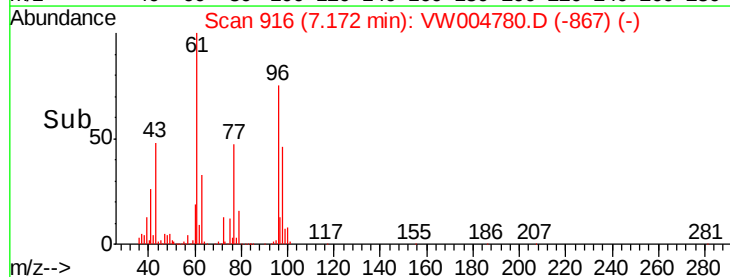
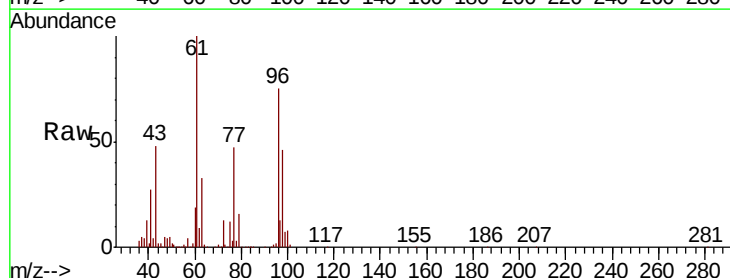
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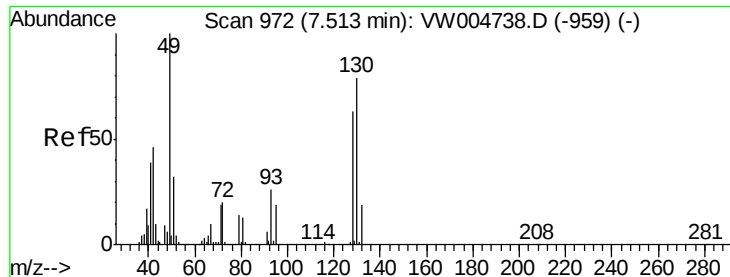
apatel
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#27
 cis-1,2-Dichloroethene
 Concen: 60.09 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	277.6
98	64.1	0.0	127.4





#28

Bromochloromethane

Concen: 63.64 ug/l

RT: 7.51 min Scan# 972

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

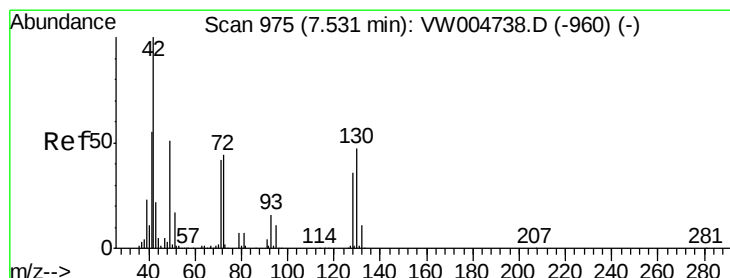
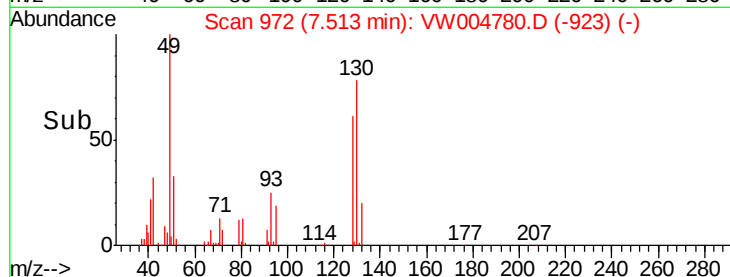
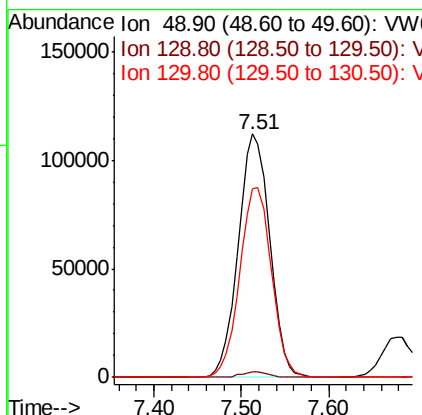
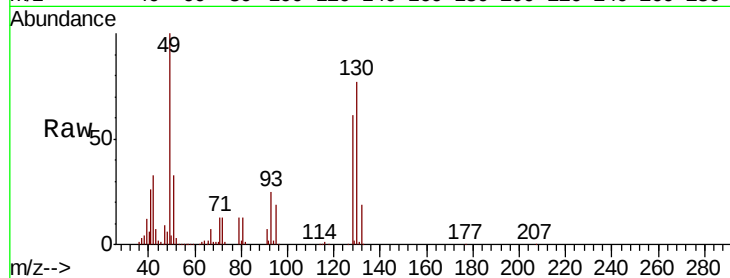
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:	49	Resp:	280926
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	78.5	63.7	95.5

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#29

Tetrahydrofuran

Concen: 325.79 ug/l

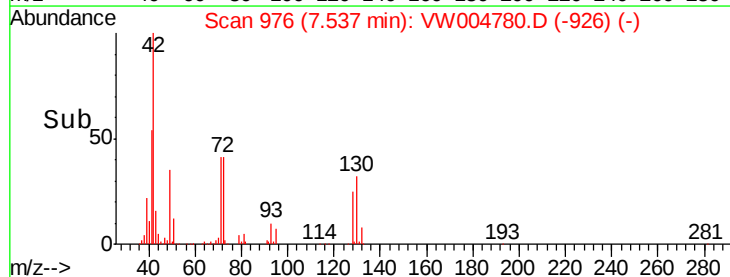
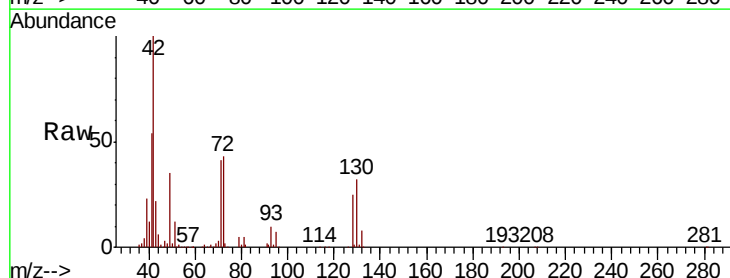
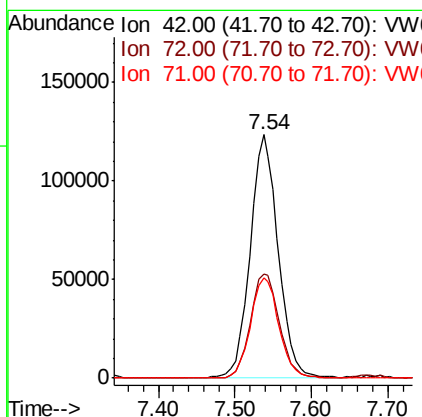
RT: 7.54 min Scan# 976

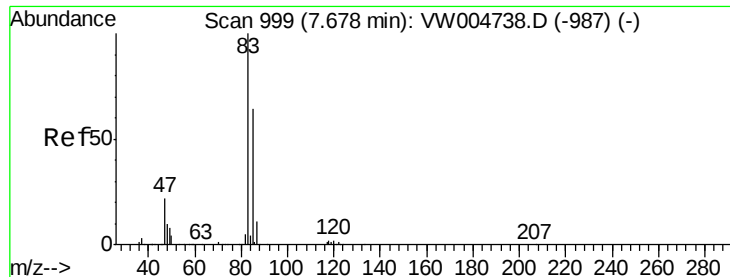
Delta R.T. 0.01 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion:	42	Resp:	313486
Ion	Ratio	Lower	Upper
42	100		
72	44.4	34.9	52.3
71	42.0	33.8	50.6





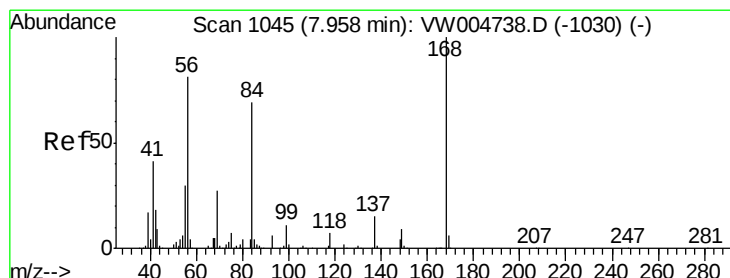
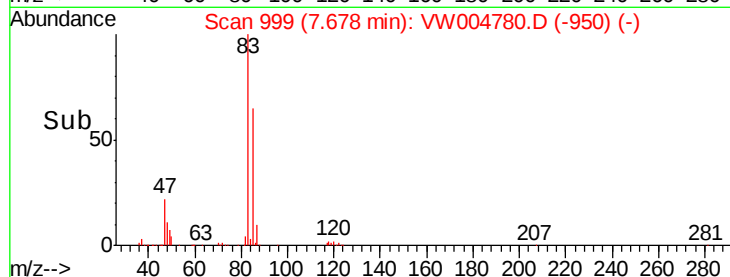
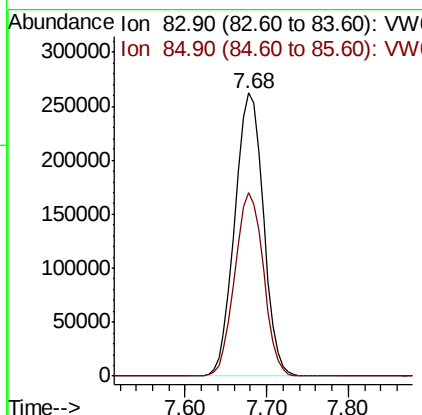
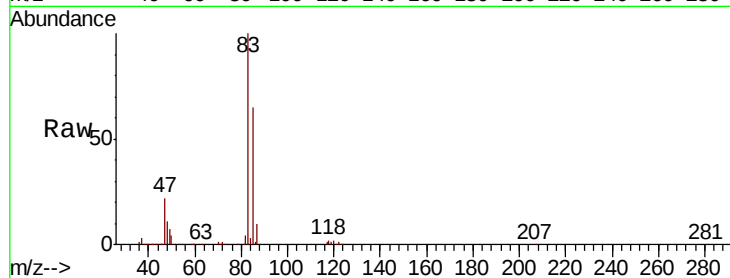
#30
Chloroform
Concen: 61.73 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	83	Resp	636438
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	51.0	76.6

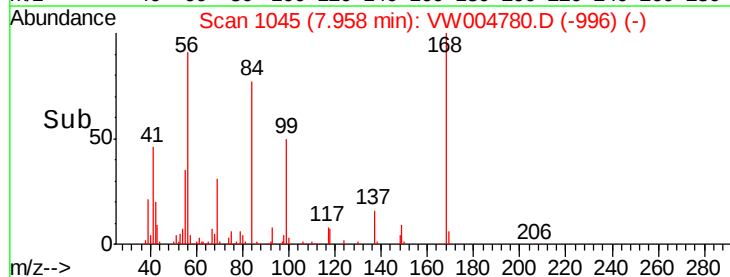
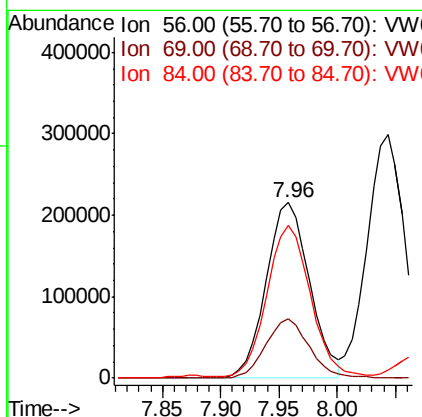
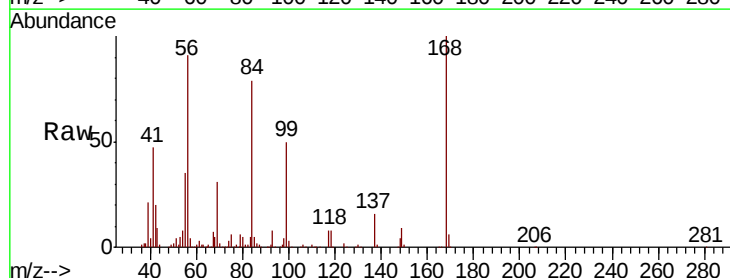
Manual Integrations
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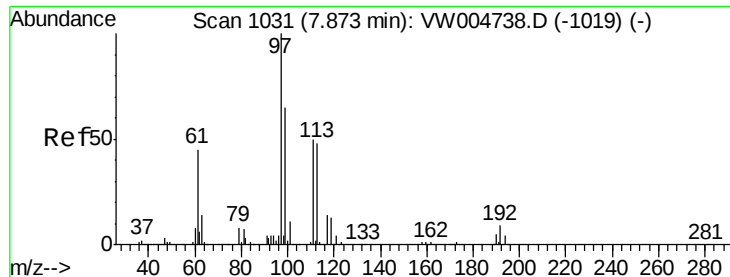
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#31
Cyclohexane
Concen: 54.95 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	56	Resp	557179
Ion Ratio	100	Lower	Upper
56	100		
69	33.7	27.1	40.7
84	85.9	68.3	102.5





#32

1,1,1-Trichloroethane

Concen: 60.22 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

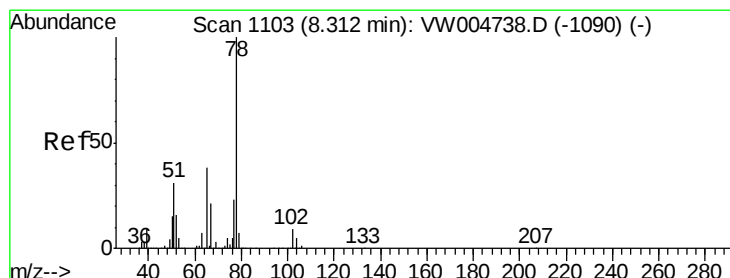
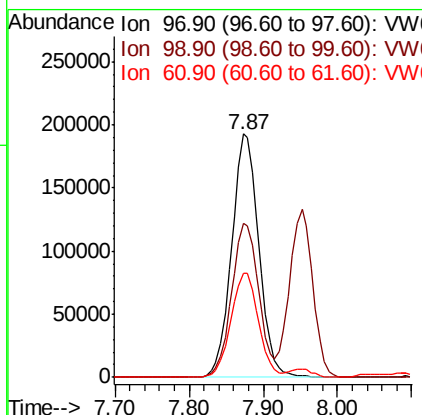
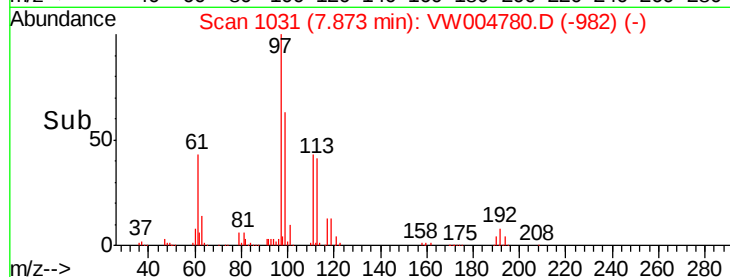
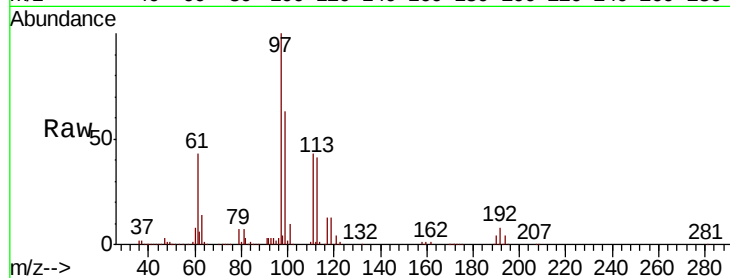
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:	97	Resp:	492128
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.7	77.5
61	43.6	34.4	51.6

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#33

1,2-Dichloroethane-d4

Concen: 57.50 ug/l

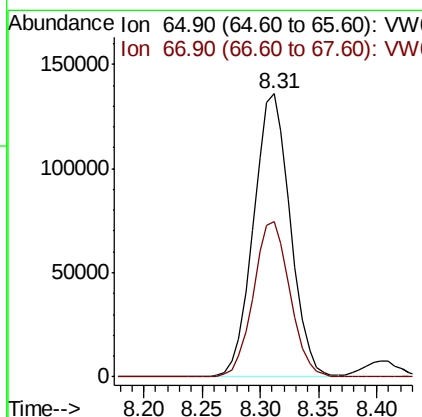
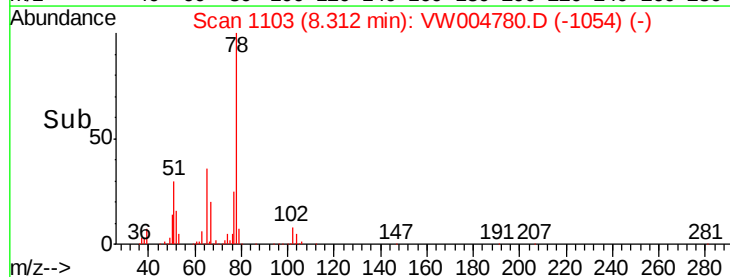
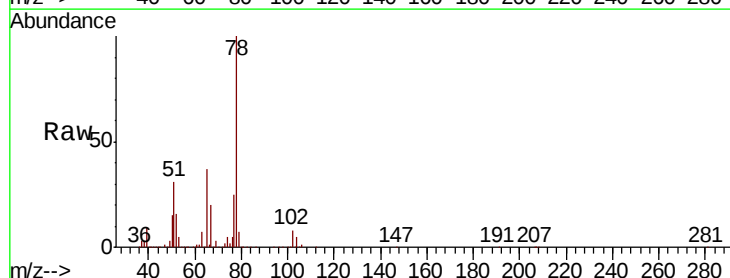
RT: 8.31 min Scan# 1103

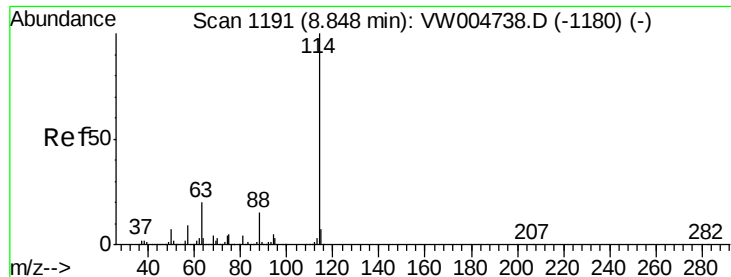
Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion:	65	Resp:	298342
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.4





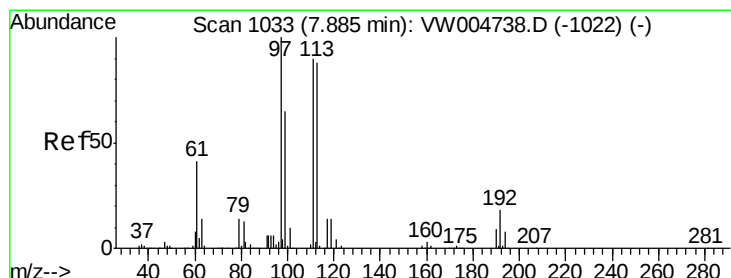
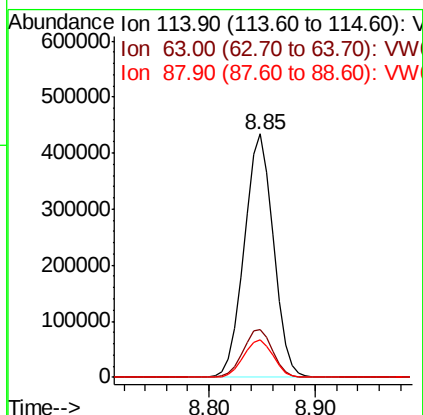
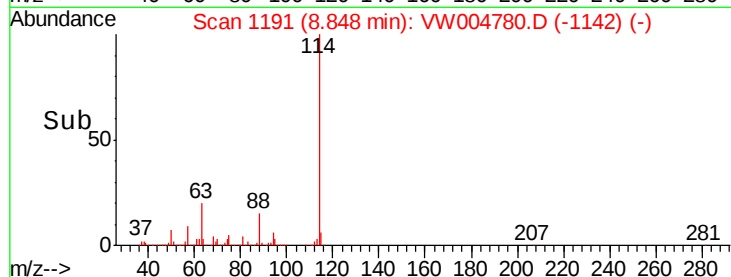
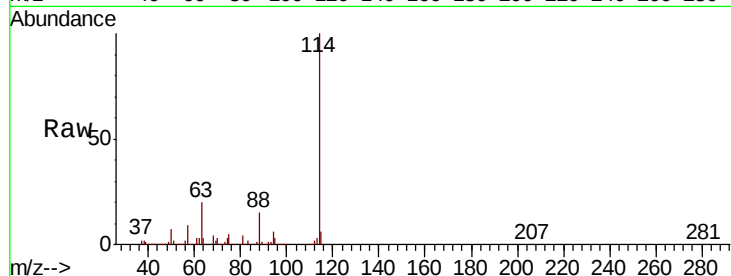
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
114	100	835607		
63	19.7		0.0	39.0
88	15.4		0.0	30.0

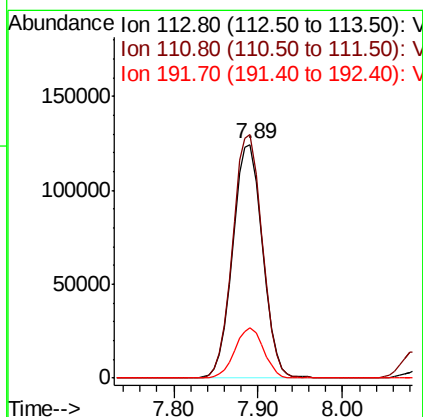
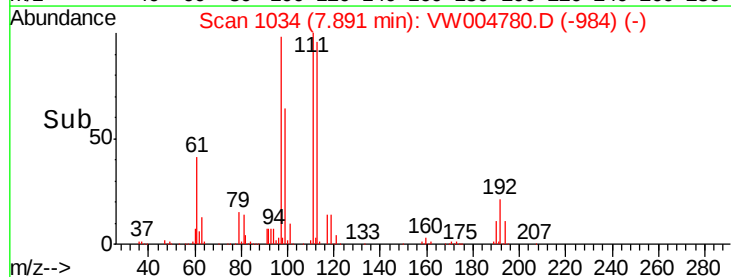
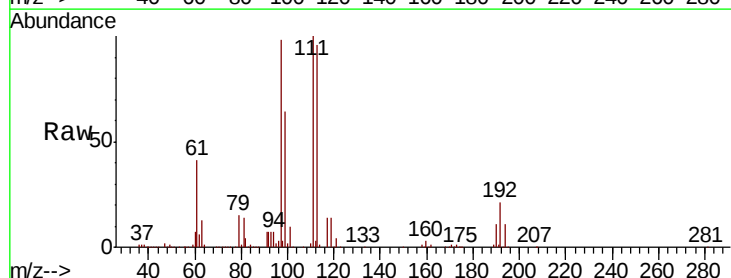
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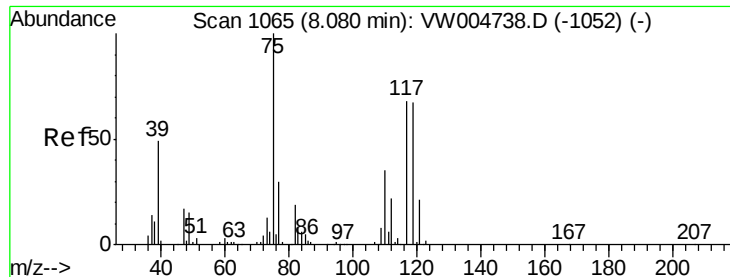
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#35
 Dibromofluoromethane
 Concen: 55.56 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	296702		
111	103.9		82.4	123.6
192	20.9		16.7	25.1





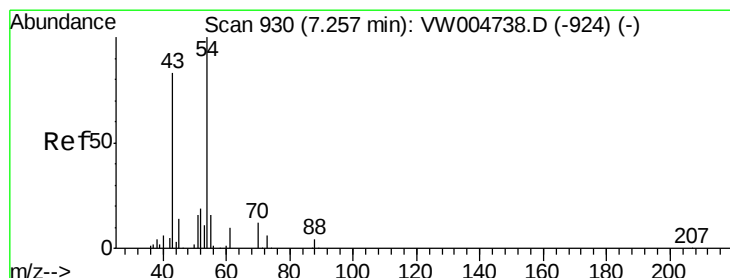
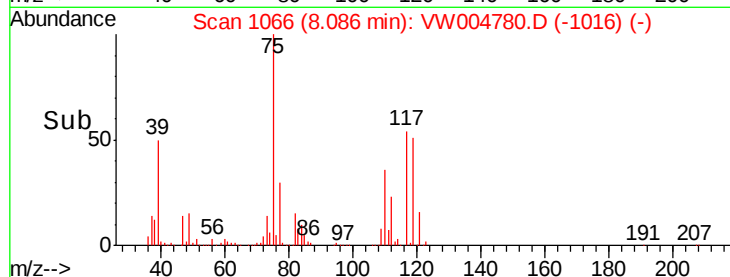
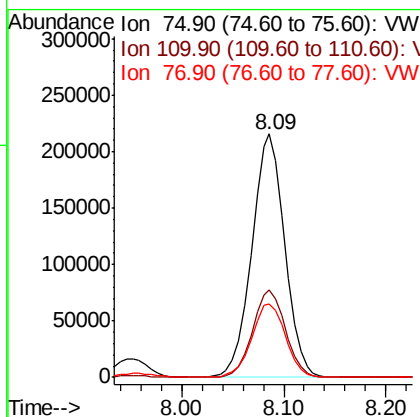
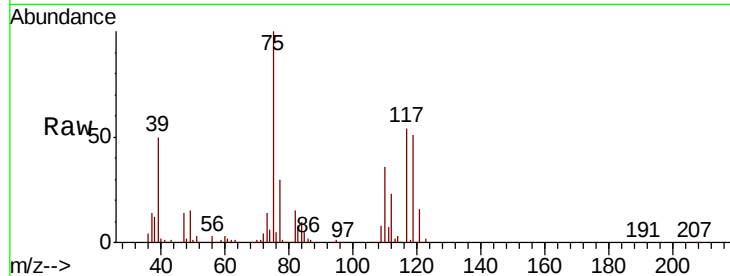
#36
 1,1-Dichloropropene
 Concen: 56.00 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.8	53.5
77	31.3	24.9	37.3

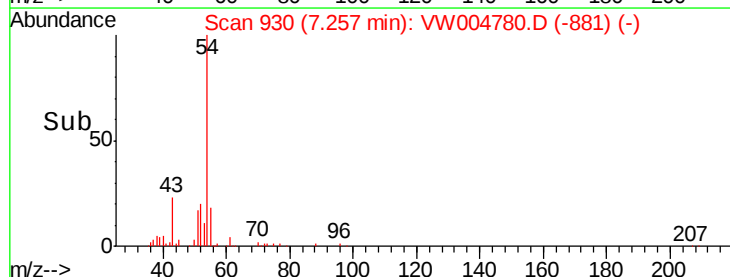
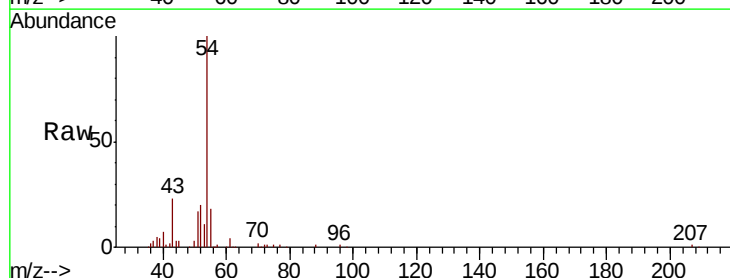
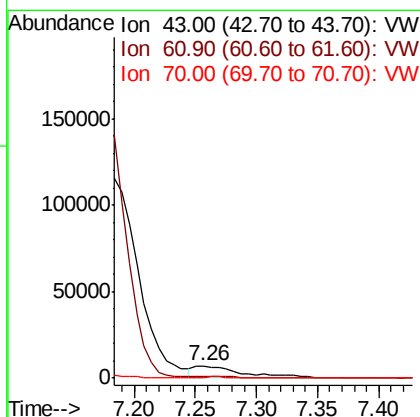
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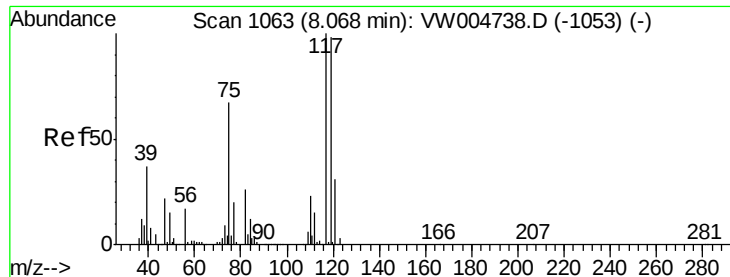
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#37
 Ethyl Acetate
 Concen: 5.57 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	10.3	9.2	13.8





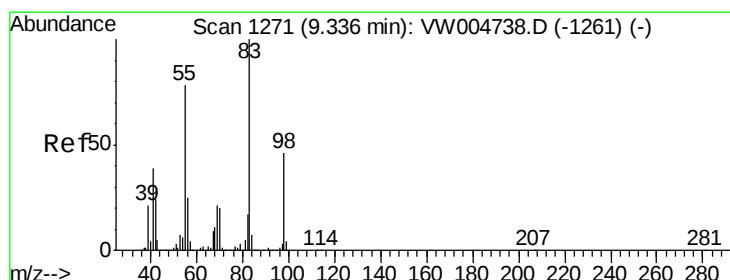
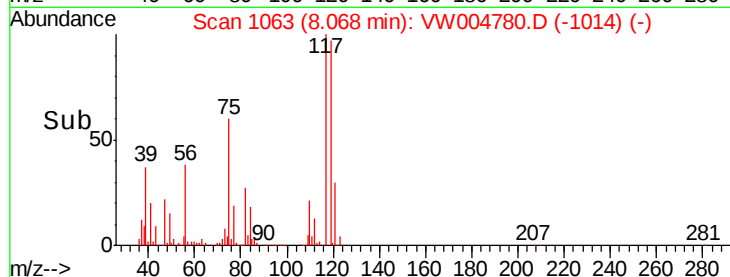
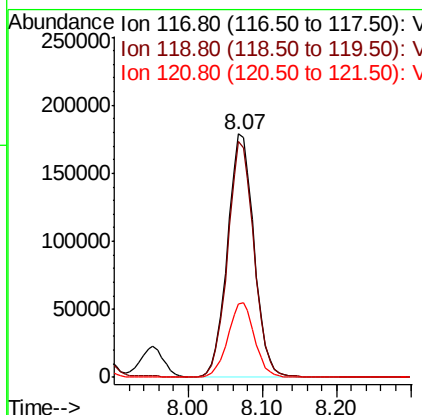
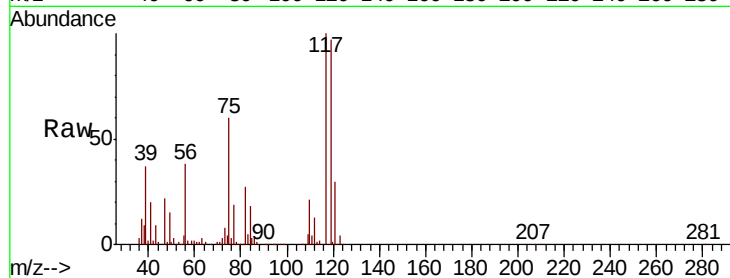
#38
Carbon Tetrachloride
Concen: 56.43 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	447110		
119	97.1	78.0	117.0	
121	30.3	24.8	37.2	

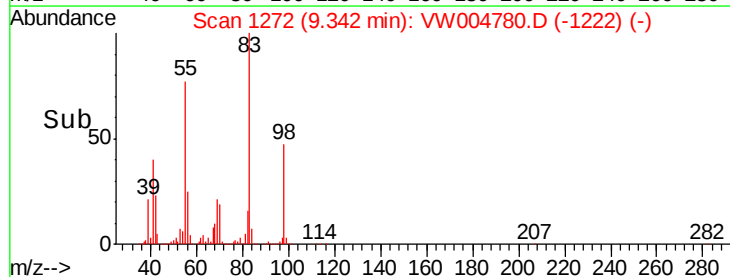
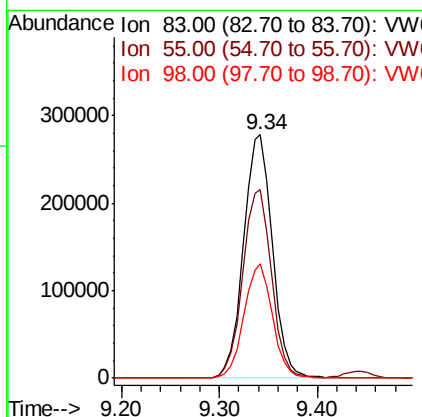
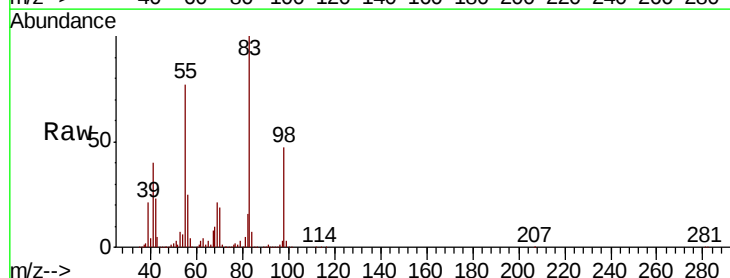
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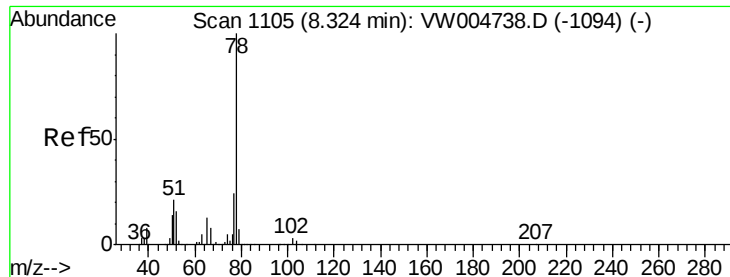
apatel
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#39
Methylcyclohexane
Concen: 52.82 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	568650		
55	77.5	62.4	93.6	
98	46.7	36.5	54.7	





#40

Benzene

Concen: 57.28 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion: 78 Resp: 1433086

Ion Ratio Lower Upper

78 100

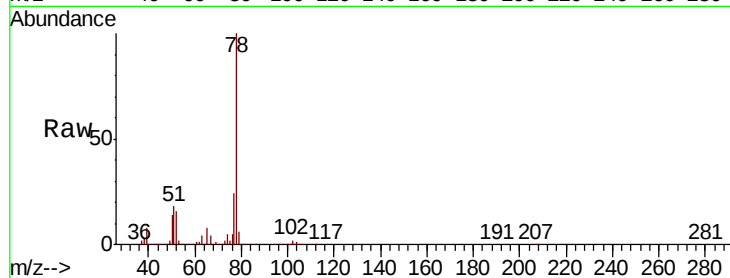
77 23.5 19.0 28.6

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Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

8.33

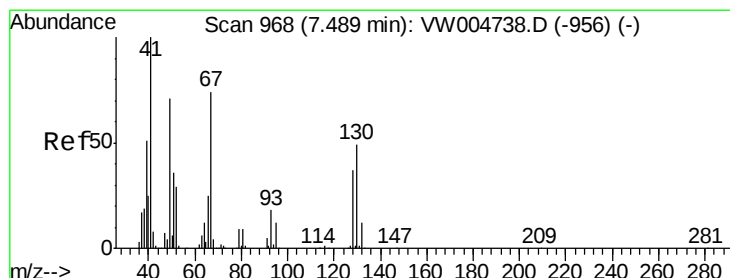
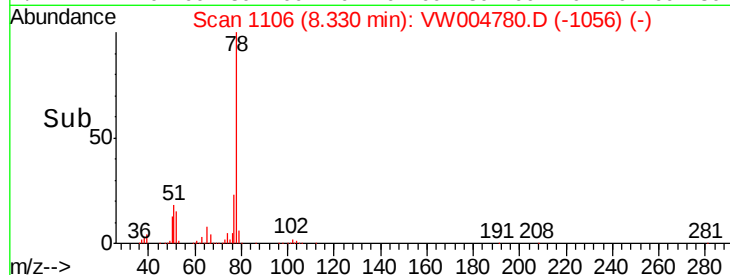
600000

400000

200000

0

Time-->



#41

Methacrylonitrile

Concen: 38.16 ug/l m

RT: 7.51 min Scan# 972

Delta R.T. 0.02 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion: 41 Resp: 74321

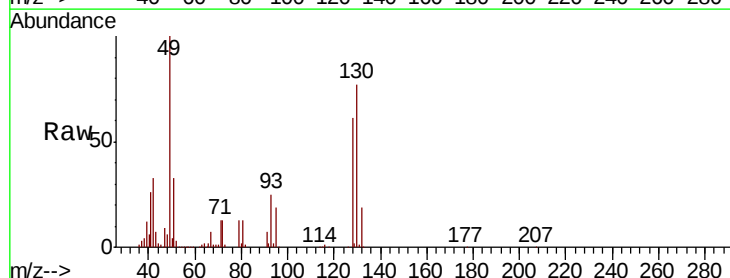
Ion Ratio Lower Upper

41 100

39 97.0 41.0 61.4#

67 0.0 59.5 89.3#

52 0.0 23.6 35.4#



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

100000

80000

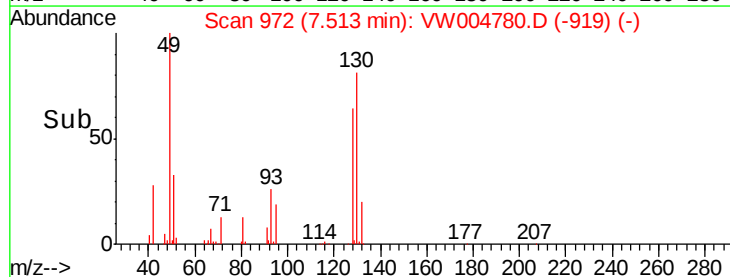
60000

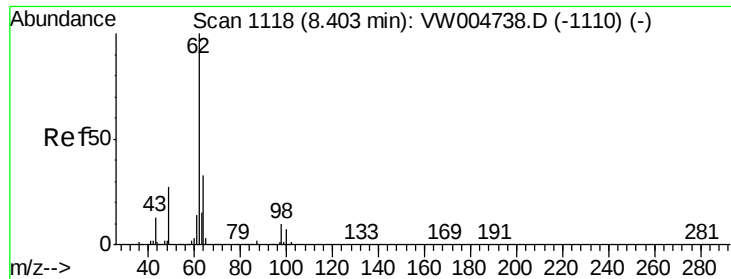
40000

20000

0

Time-->





#42

1,2-Dichloroethane

Concen: 59.54 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion: 62 Resp: 381975

Ion Ratio Lower Upper

62 100

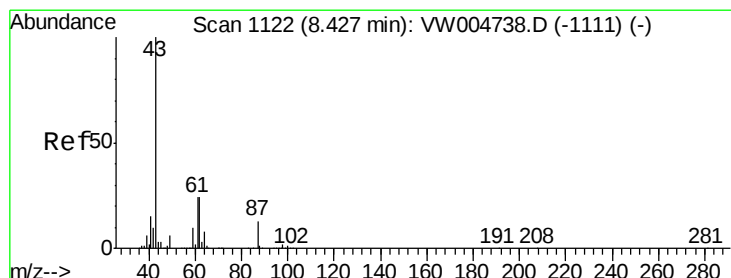
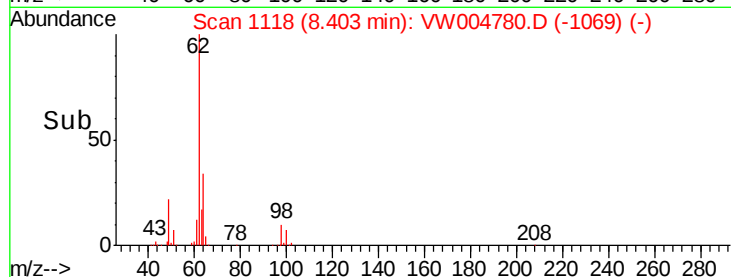
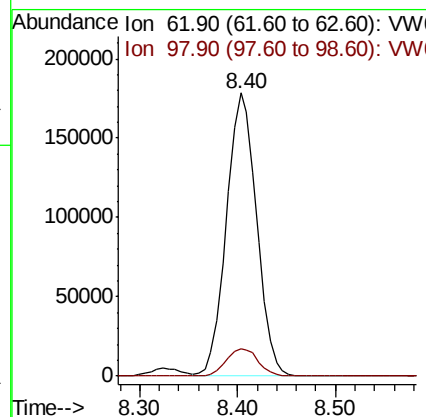
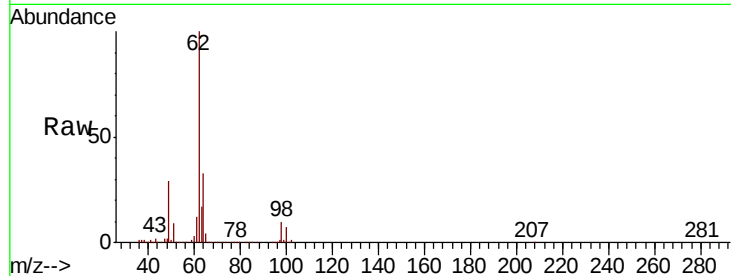
98 10.2 0.0 20.2

Manual Integrations

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#43

Isopropyl Acetate

Concen: 14.00 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

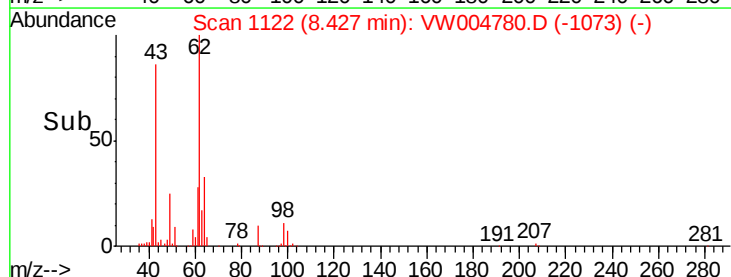
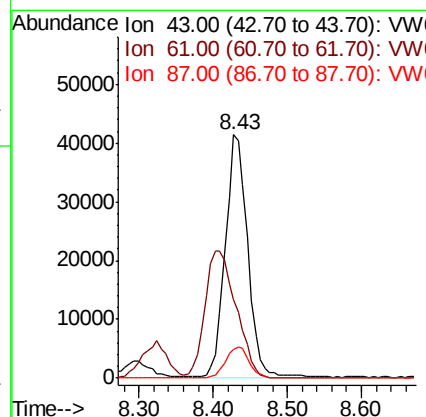
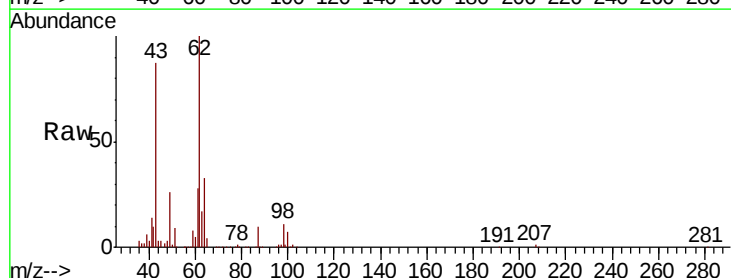
Tgt Ion: 43 Resp: 86307

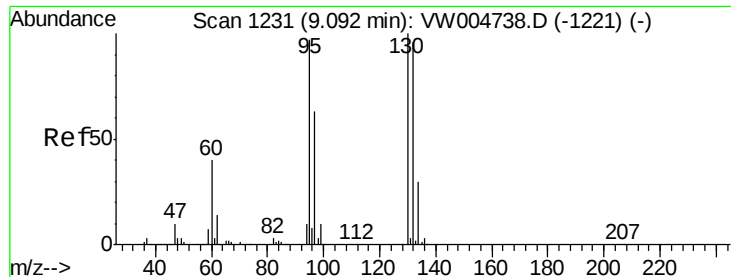
Ion Ratio Lower Upper

43 100

61 0.0 26.2 39.4#

87 13.4 10.9 16.3





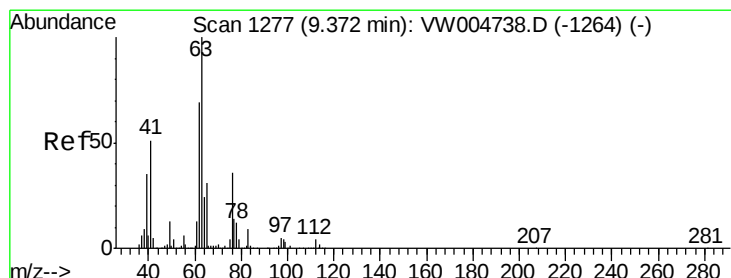
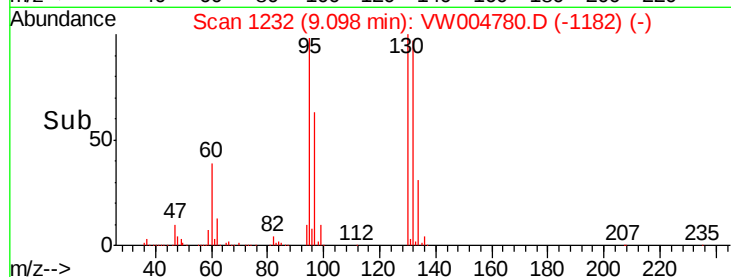
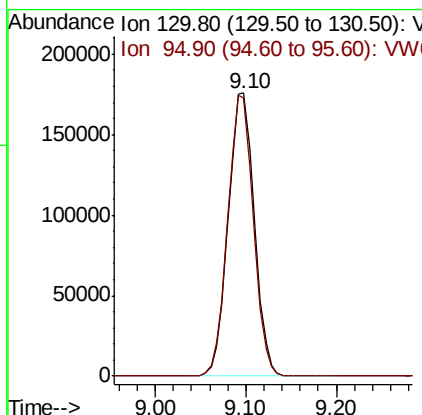
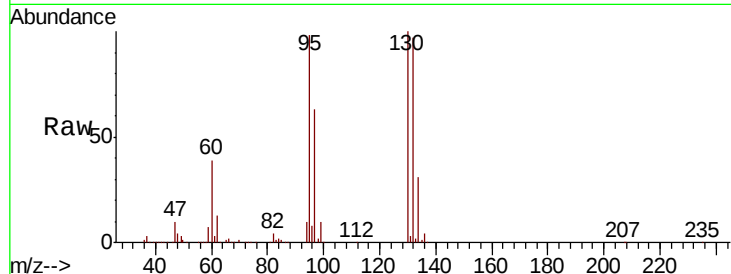
#44
 Trichloroethene
 Concen: 55.19 ug/l
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
130	100	350467		
95	98.1	0.0	194.4	

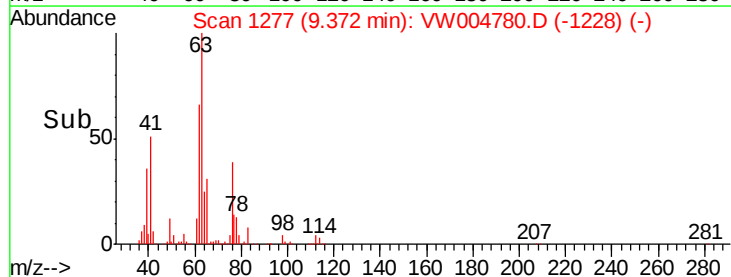
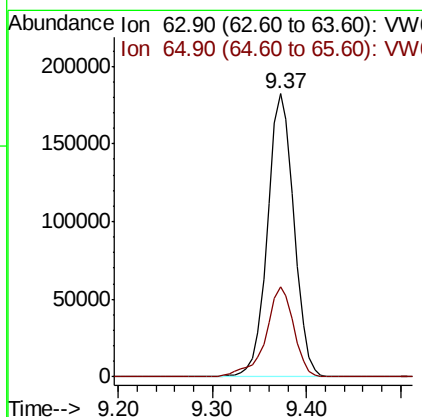
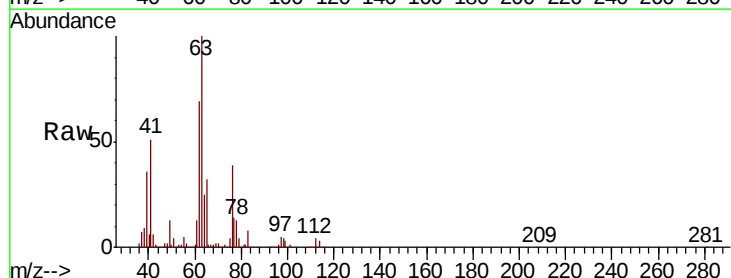
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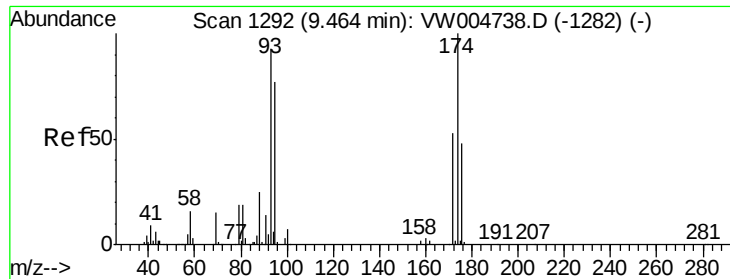
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#45
 1,2-Dichloropropane
 Concen: 58.44 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	357615		
65	31.6	24.6	37.0	





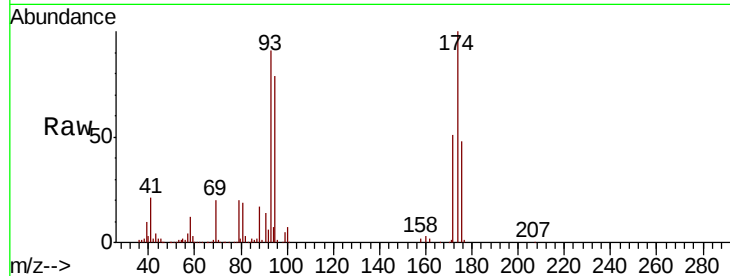
#46
Dibromomethane
Concen: 59.27 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

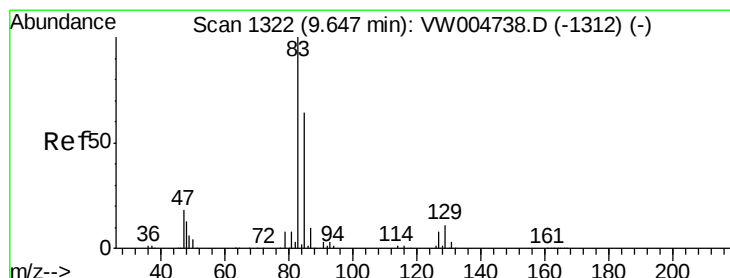
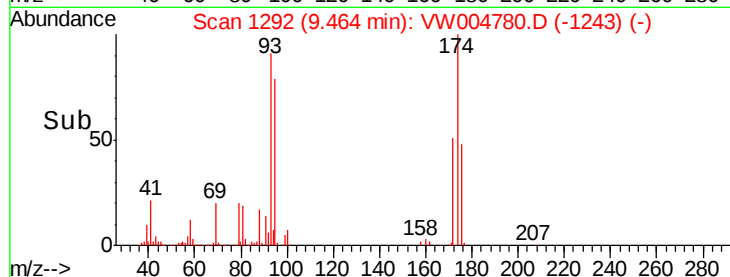
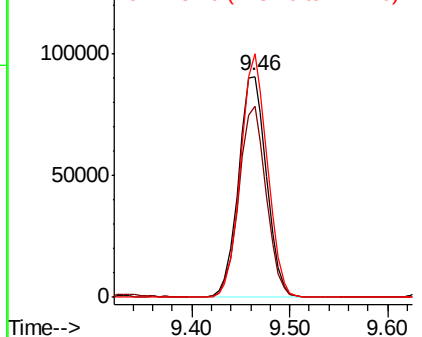
Tot Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.6	99.8
174	105.1	85.3	127.9

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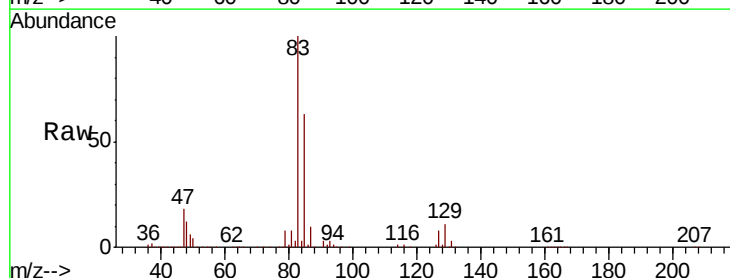


Abundance Ion 92.80 (92.50 to 93.50): VW
Ion 94.80 (94.50 to 95.50): VW
Ion 173.70 (173.40 to 174.40): V

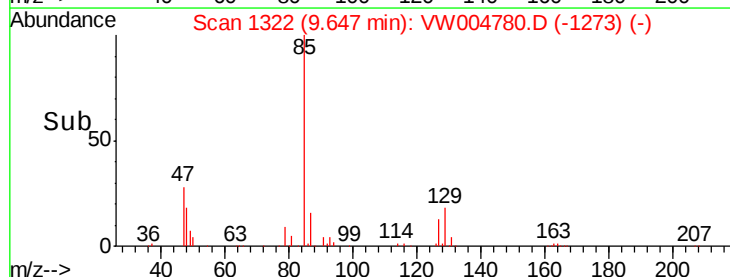
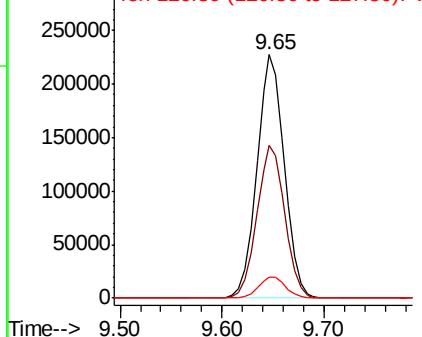


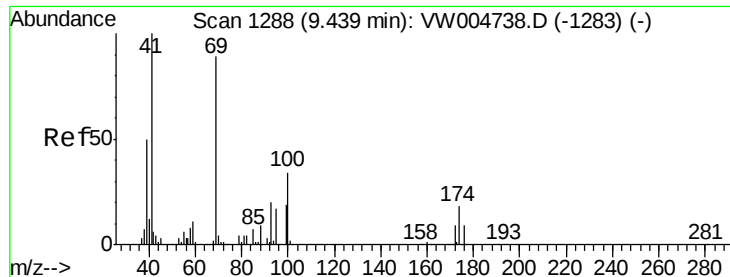
#47
Bromodichloromethane
Concen: 58.47 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8
127	8.4	6.7	10.1



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V





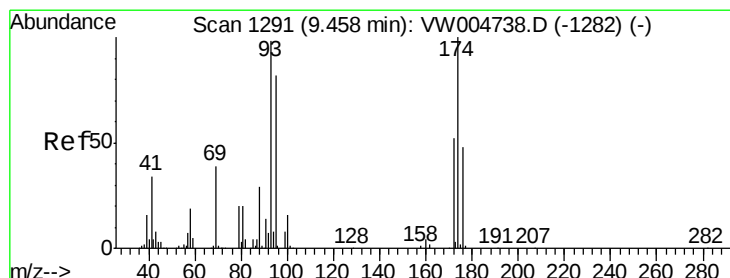
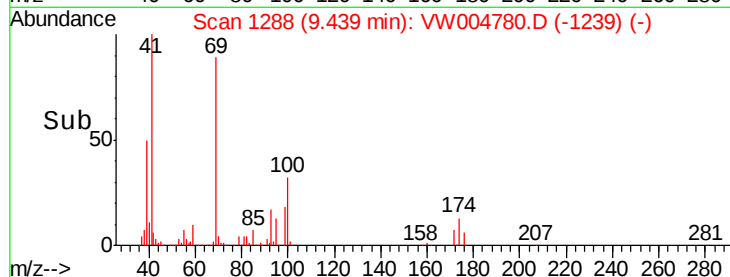
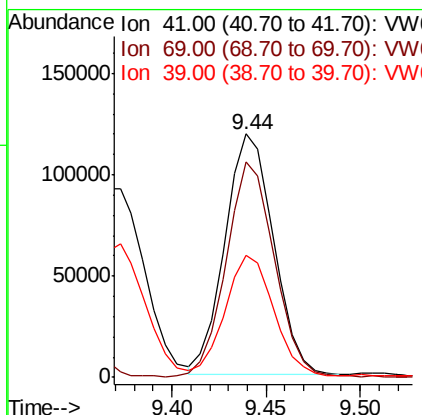
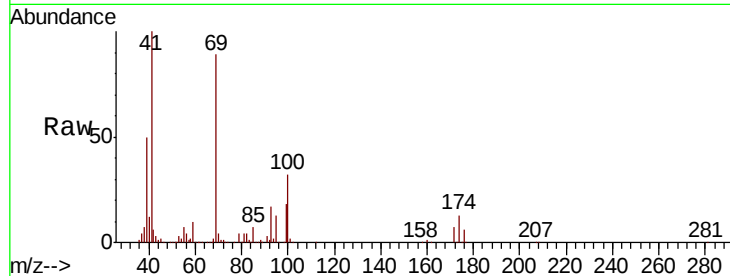
#48
Methvl methacrvlate
Concen: 73.30 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
41	100	211994		
69	89.6		75.2	112.8
39	51.4		39.8	59.6

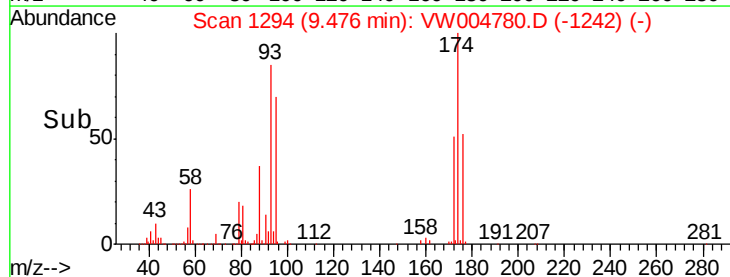
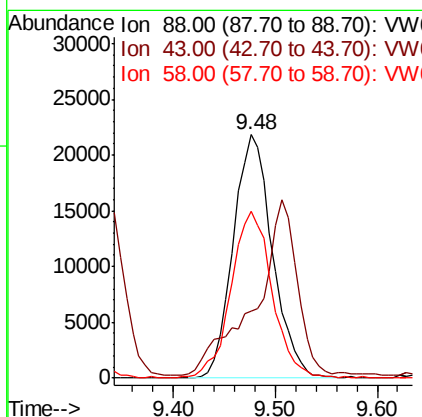
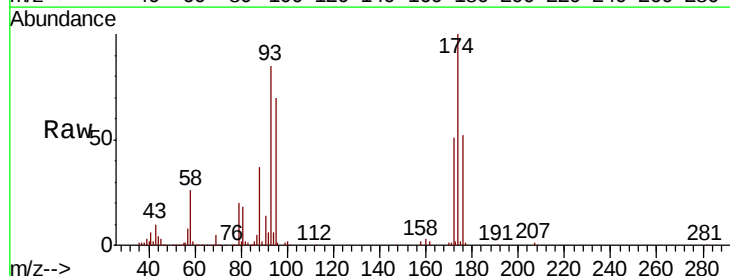
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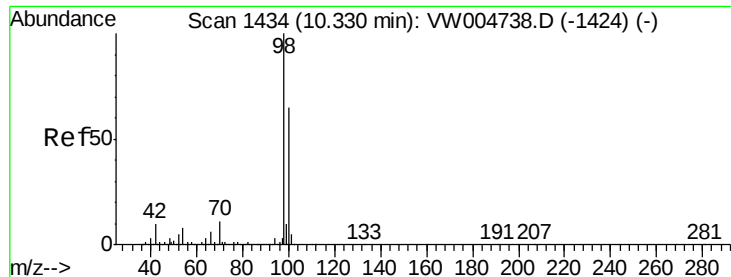
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#49
1,4-Dioxane
Concen: 1313.15 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	58162		
43	0.0		22.9	34.3#
58	72.3		60.0	90.0





#50

Toluene-d8

Concen: 53.02 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion: 98 Resp: 1105307

Ion Ratio Lower Upper

98 100

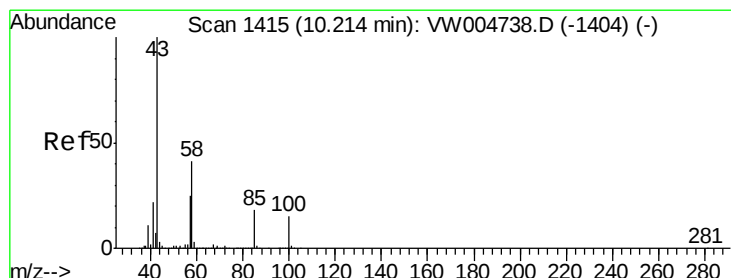
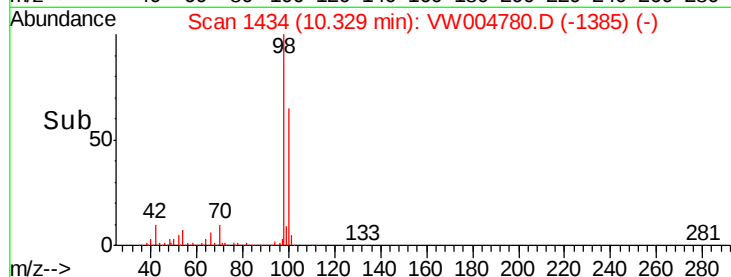
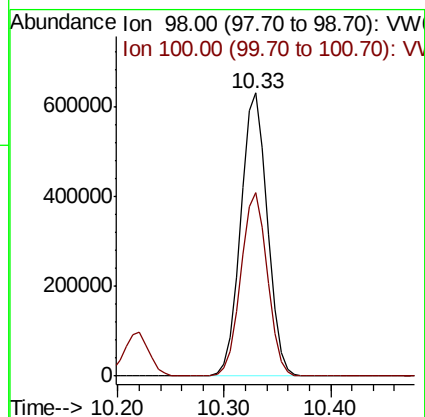
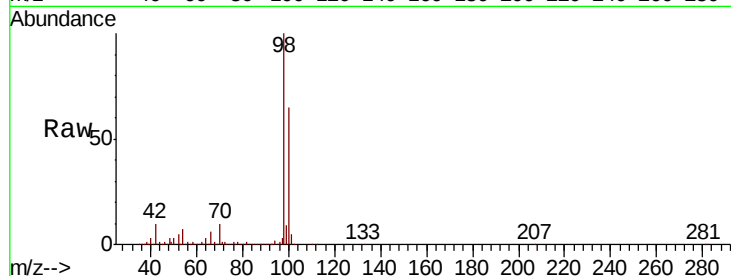
100 64.6 51.8 77.8

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#51

4-Methyl-2-Pentanone

Concen: 253.37 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004780.D

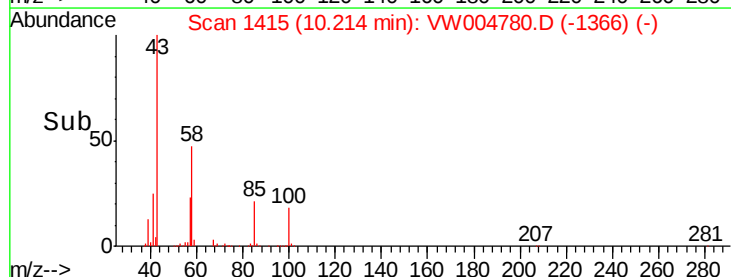
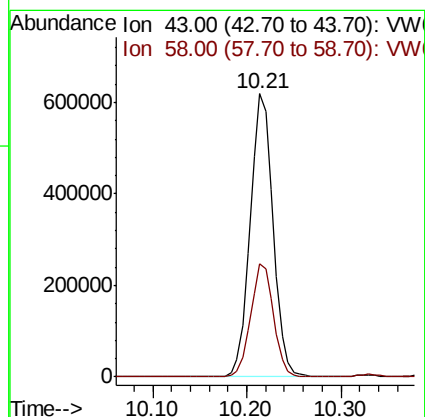
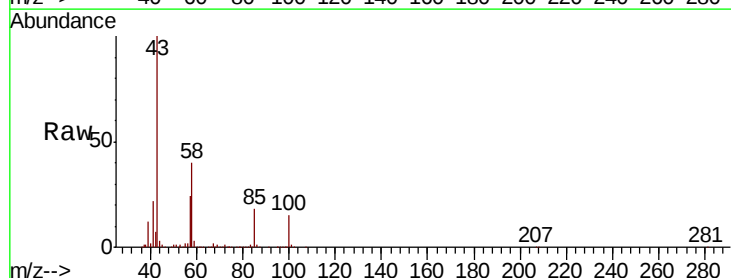
Acq: 18 Aug 2018 13:48

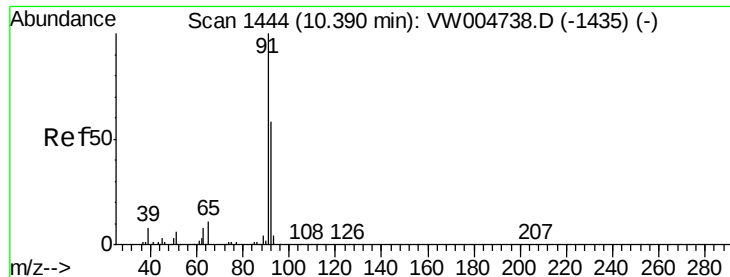
Tgt Ion: 43 Resp: 1055474

Ion Ratio Lower Upper

43 100

58 40.1 32.7 49.1





#52

Toluene

Concen: 56.17 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion: 92 Resp: 842729

Ion Ratio Lower Upper

92 100

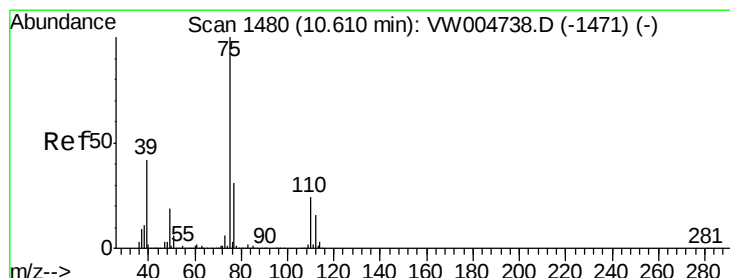
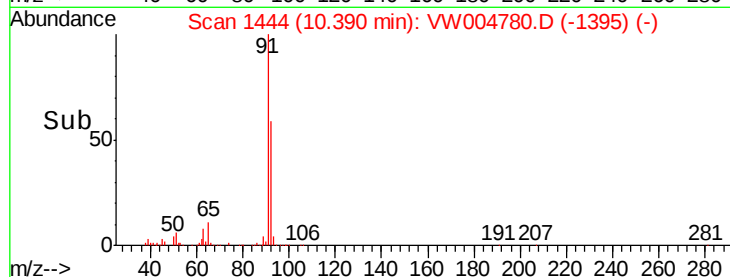
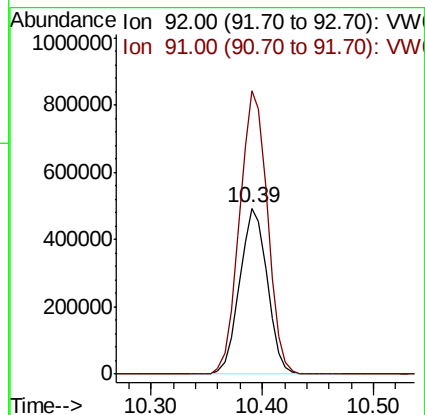
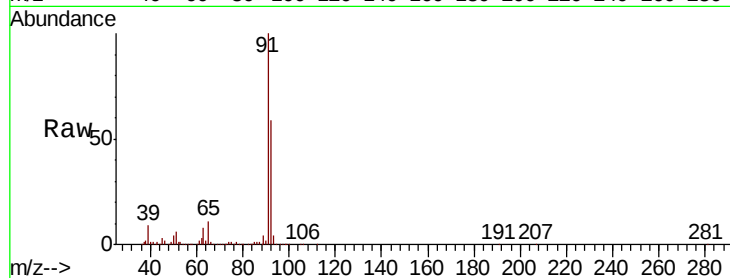
91 172.9 138.3 207.5

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#53

t-1,3-Dichloropropene

Concen: 51.45 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004780.D

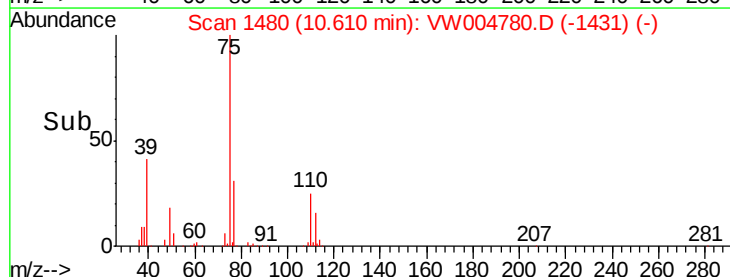
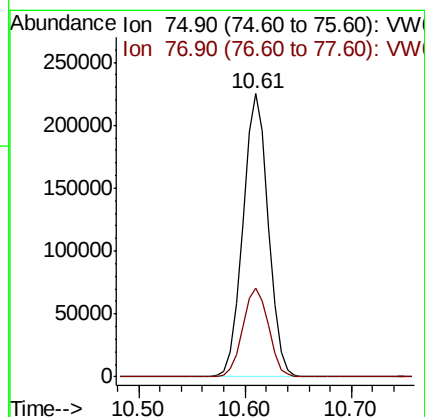
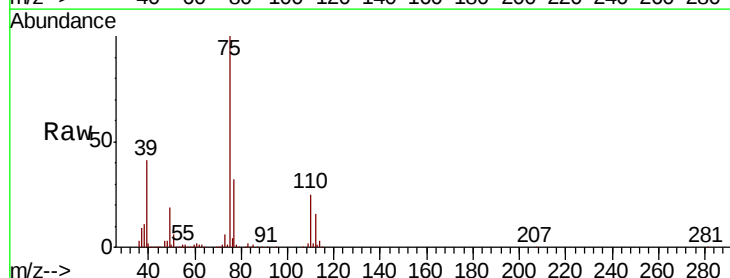
Acq: 18 Aug 2018 13:48

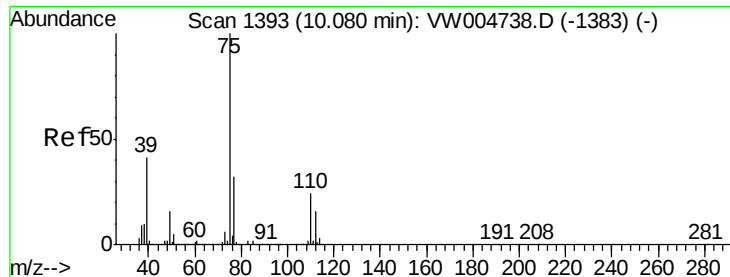
Tgt Ion: 75 Resp: 375294

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2





#54

cis-1,3-Dichloropropene

Concen: 51.18 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

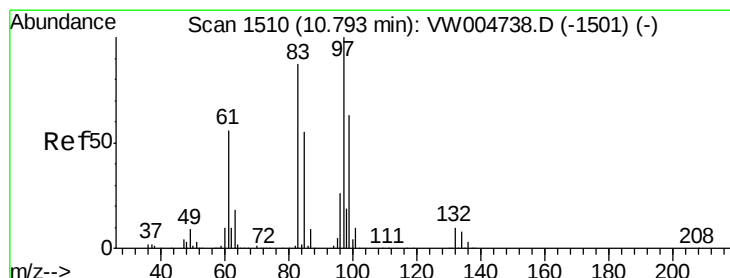
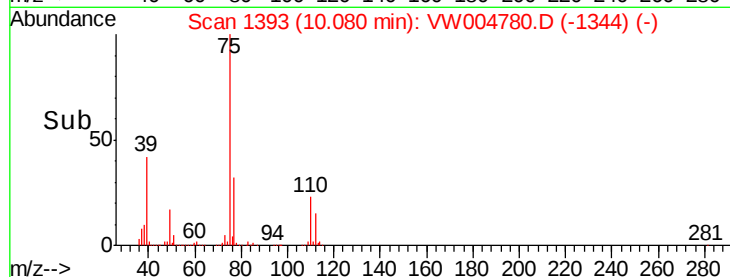
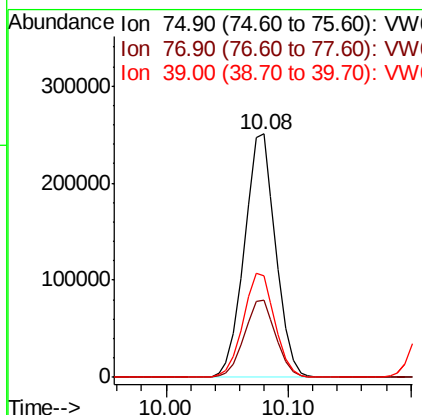
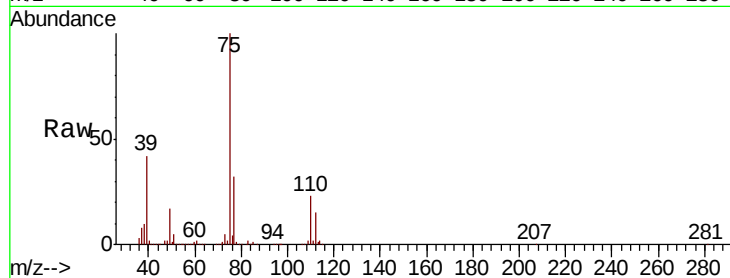
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:	75	Resp:	445100
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4
39	41.7	33.0	49.4

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#55

1,1,2-Trichloroethane

Concen: 58.55 ug/l

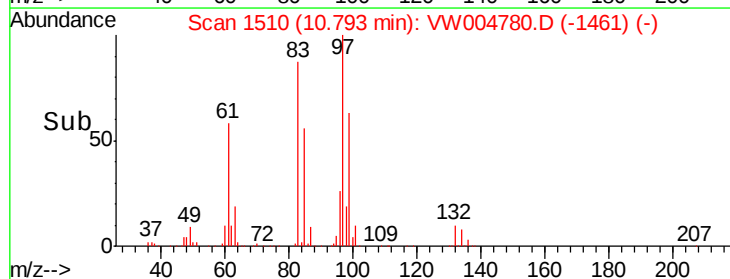
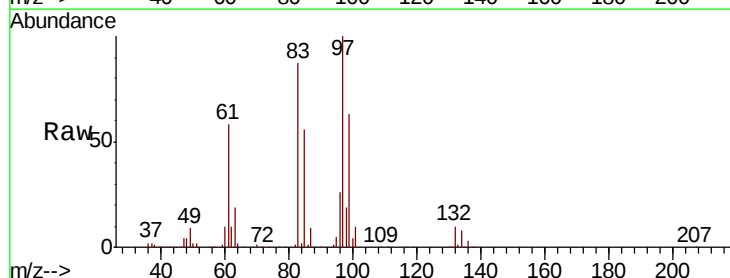
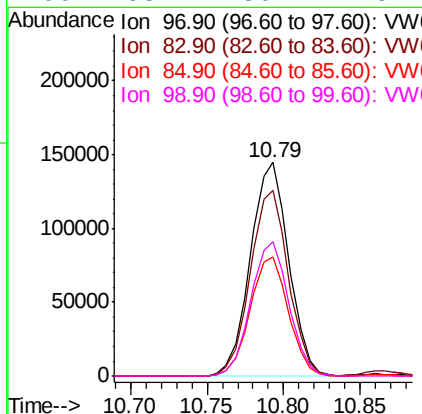
RT: 10.79 min Scan# 1510

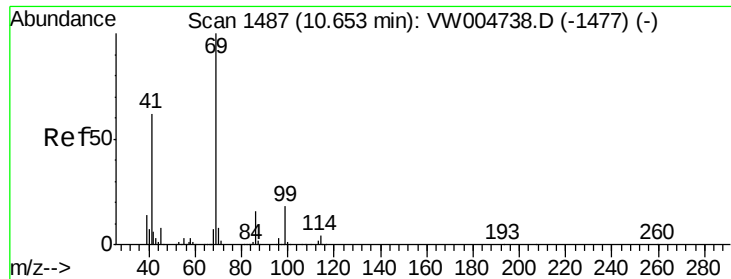
Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion:	97	Resp:	252299
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.4	104.2
85	55.6	44.3	66.5
99	63.1	50.2	75.2





#56

Ethyl methacrylate

Concen: 12.55 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

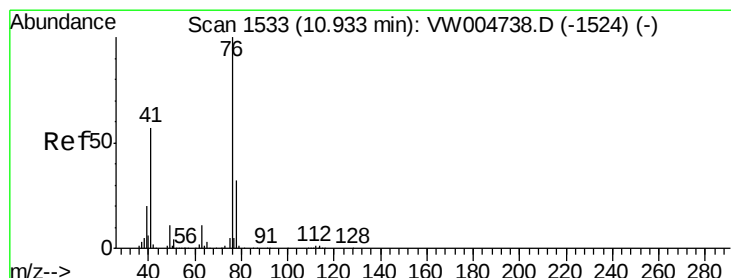
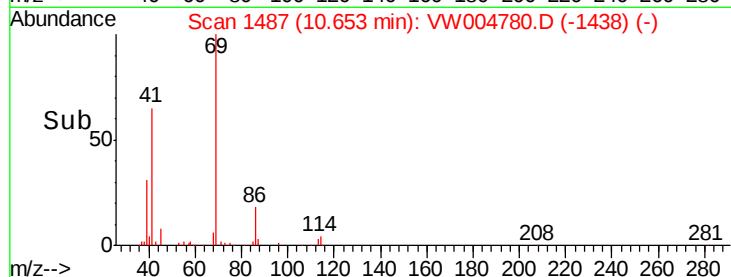
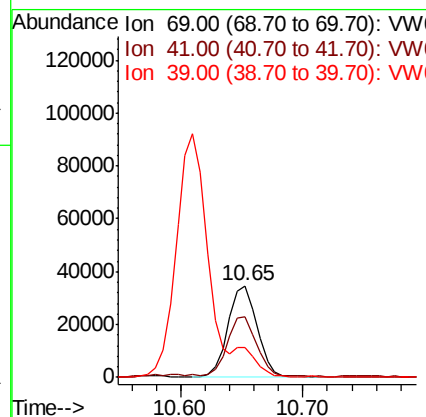
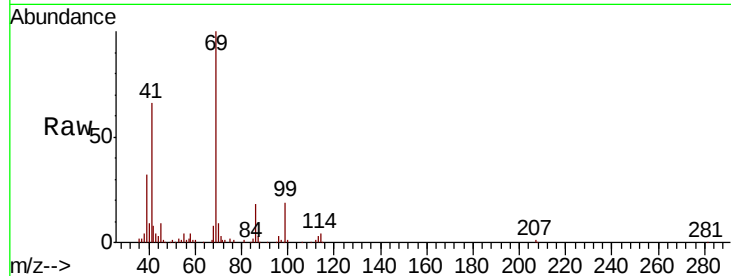
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
69	100		
41	65.2	50.7	76.1
39	0.0	21.4	32.2#

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#57

1,3-Dichloropropane

Concen: 58.28 ug/l

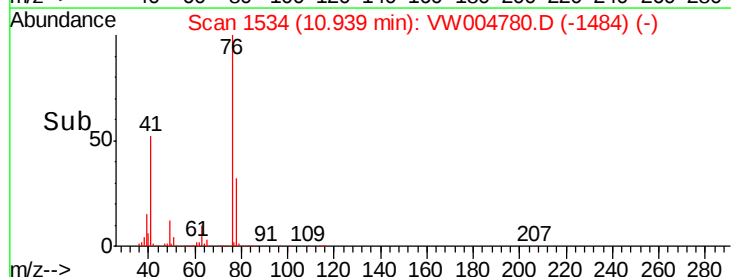
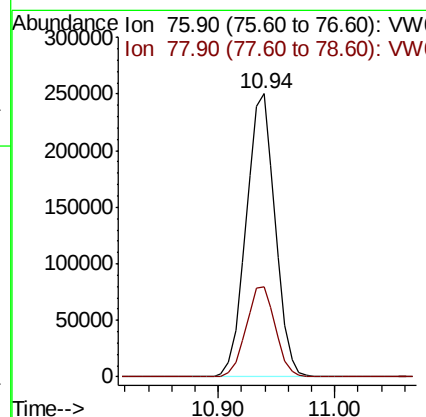
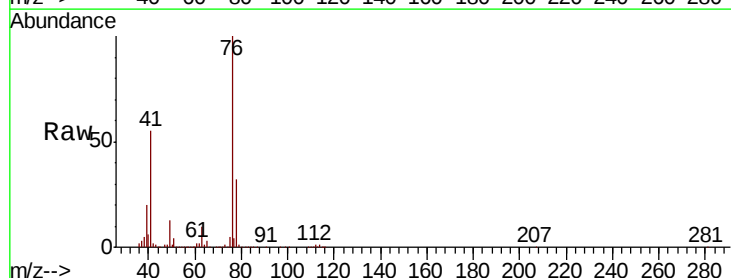
RT: 10.94 min Scan# 1534

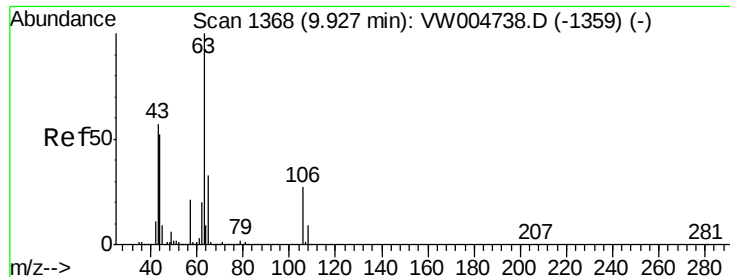
Delta R.T. 0.01 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9





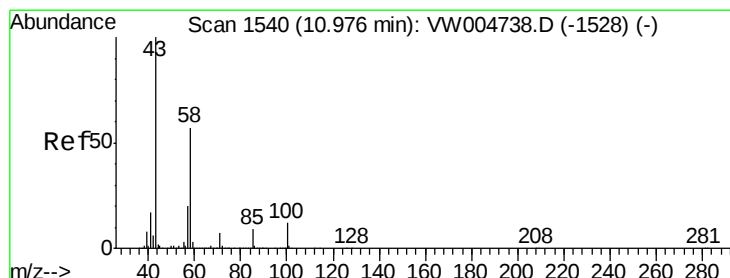
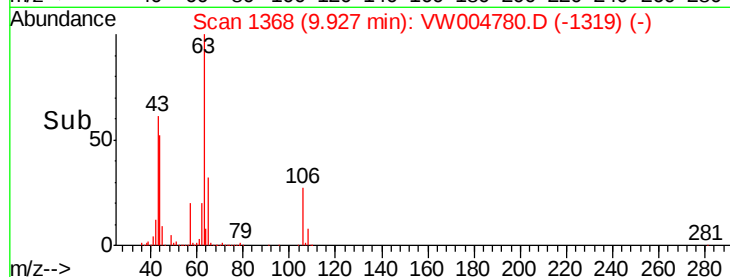
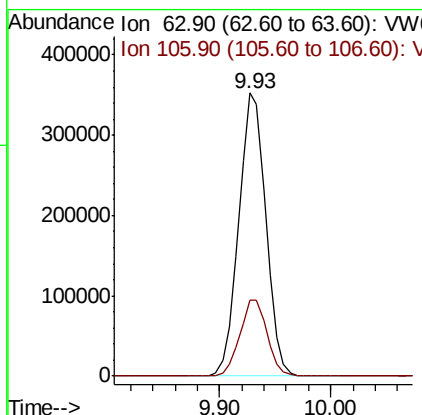
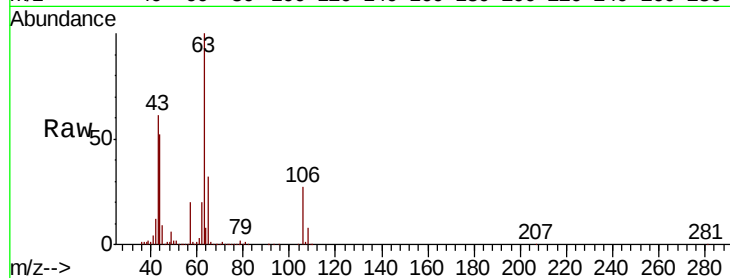
#58
2-Chloroethyl Vinyl ether
Concen: 249.43 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
63	100		
106	27.1	22.1	33.1

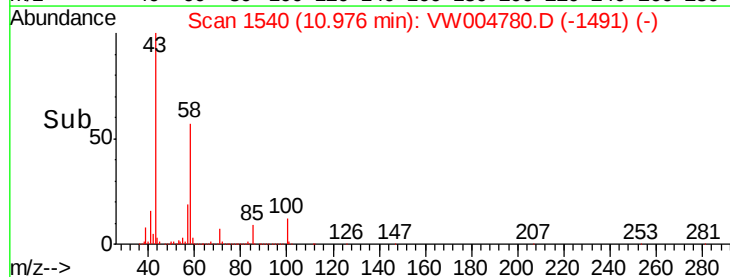
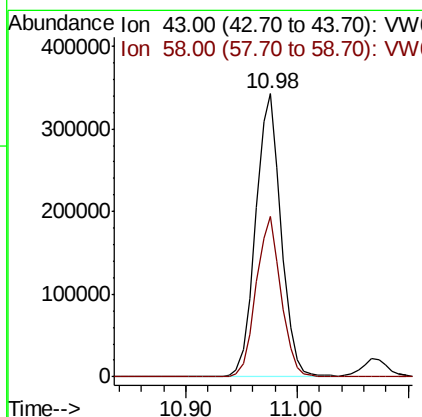
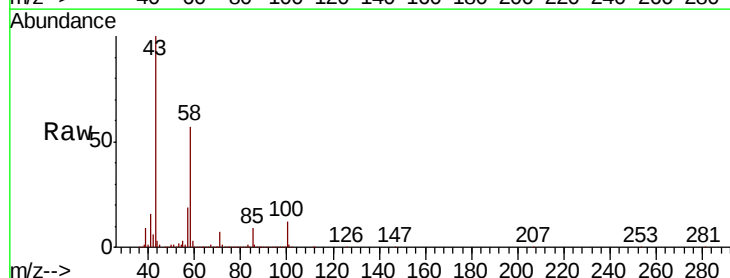
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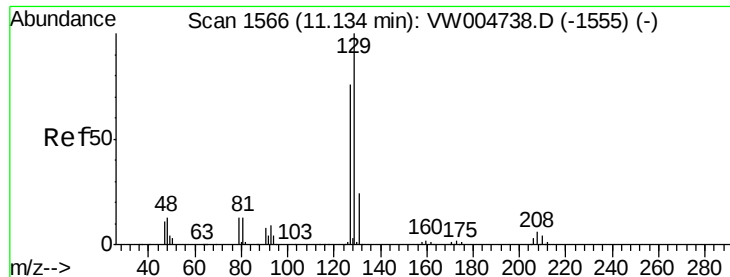
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#59
2-Hexanone
Concen: 192.62 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.7	28.1	84.4





#60

Dibromochloromethane

Concen: 56.40 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:129 Resp: 272689

Ion Ratio Lower Upper

129 100

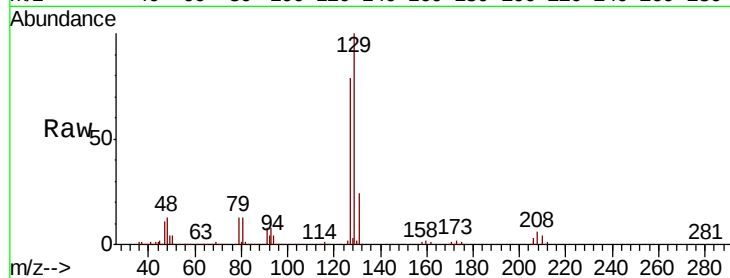
127 79.8 38.5 115.5

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

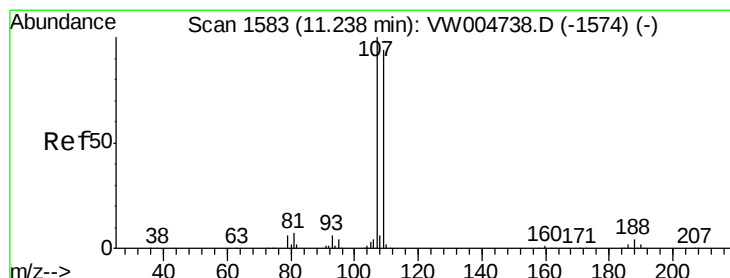
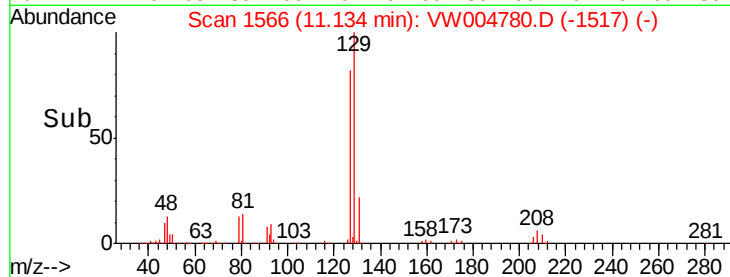
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 56.19 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004780.D

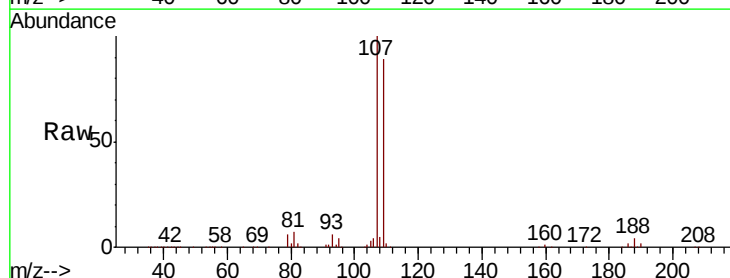
Acq: 18 Aug 2018 13:48

Tgt Ion:107 Resp: 231459

Ion Ratio Lower Upper

107 100

109 93.1 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

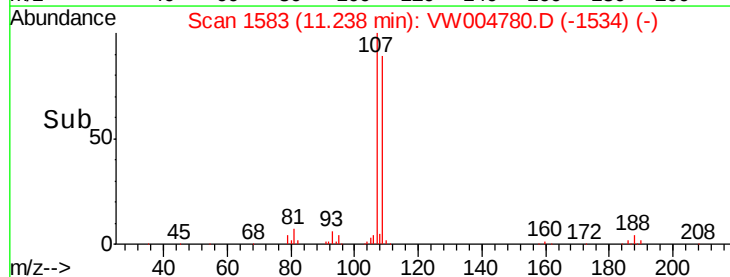
150000

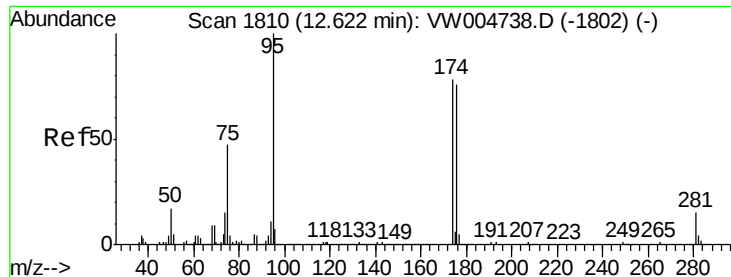
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 47.05 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

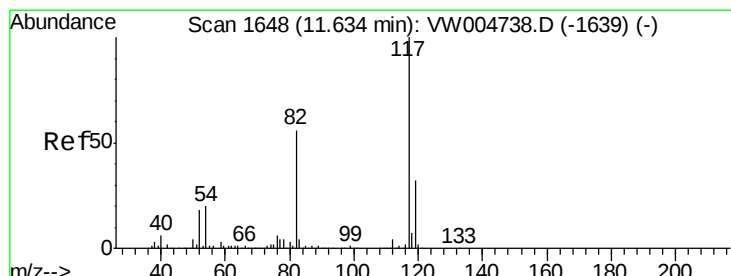
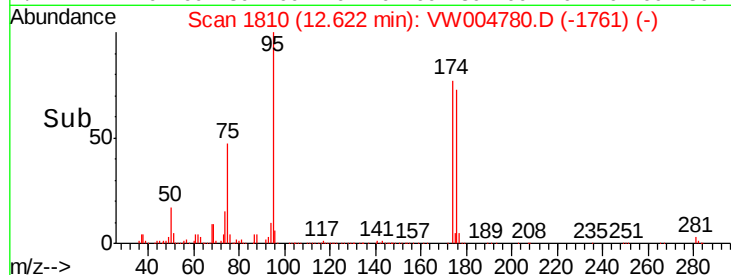
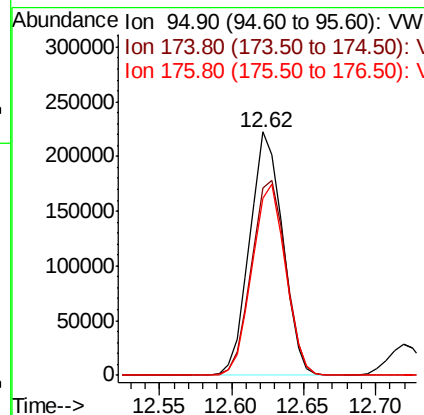
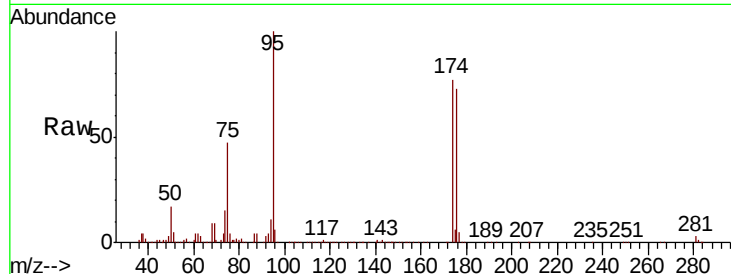
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:	95	Resp:	352897
Ion Ratio	Lower	Upper	
95	100		
174	83.4	0.0	165.8
176	79.8	0.0	159.8

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

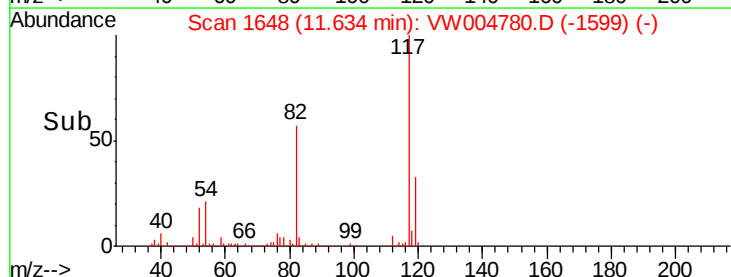
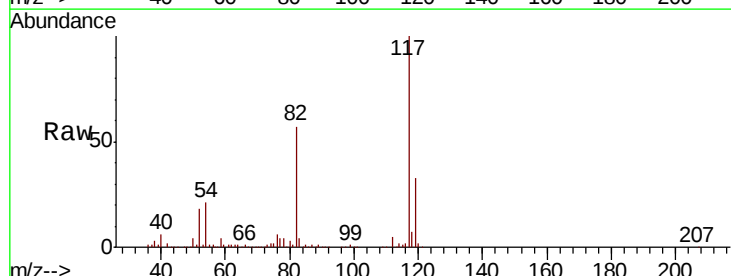
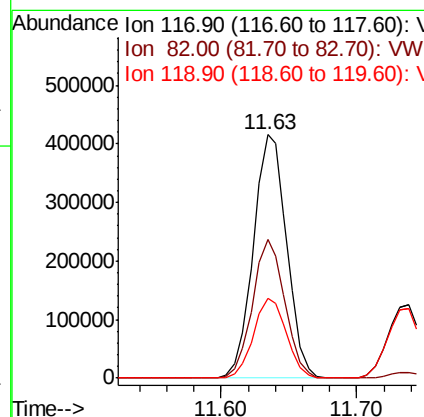
RT: 11.63 min Scan# 1648

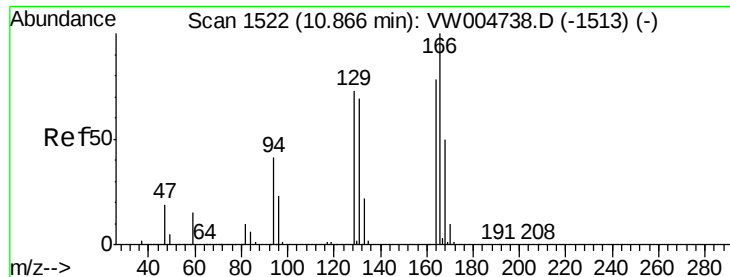
Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion:	117	Resp:	711545
Ion Ratio	Lower	Upper	
117	100		
82	56.9	44.6	67.0
119	32.8	25.6	38.4





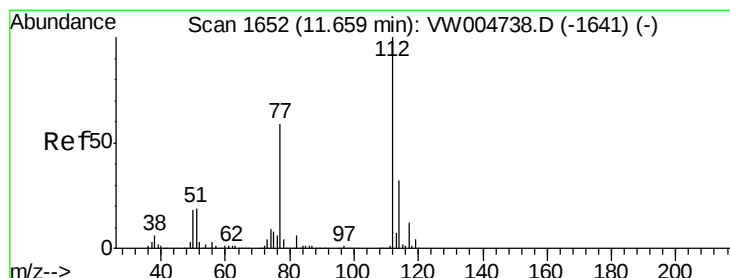
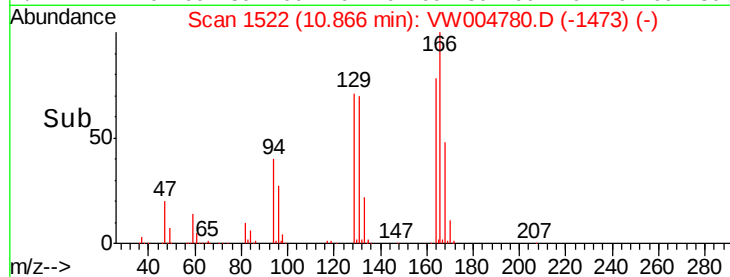
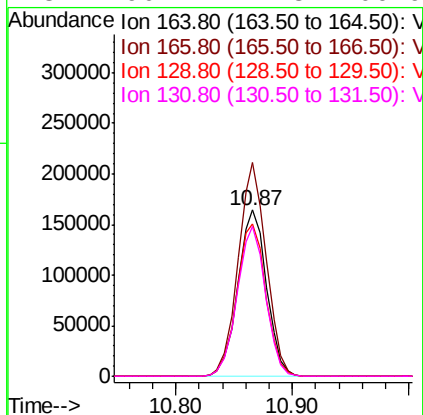
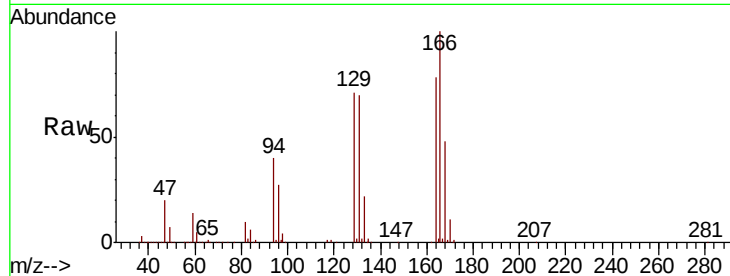
#64
Tetrachloroethene
Concen: 58.08 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.5	153.7
129	92.0	75.1	112.7
131	90.2	71.3	106.9

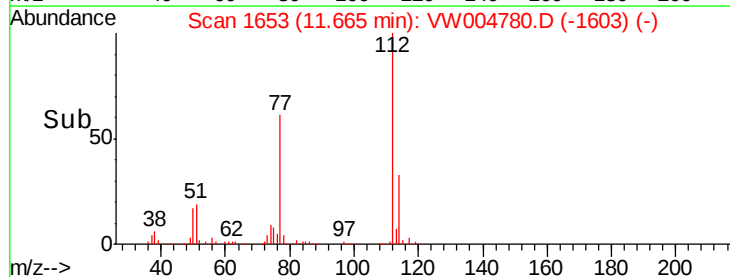
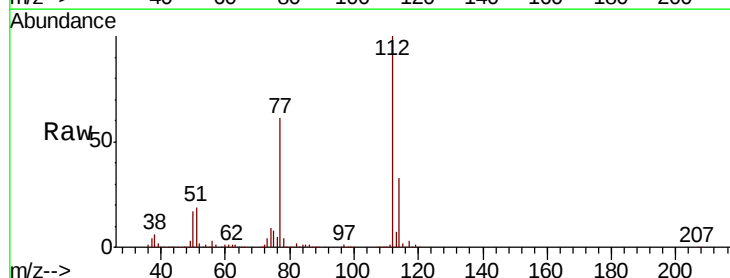
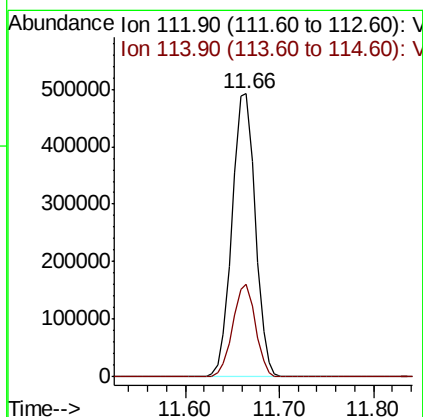
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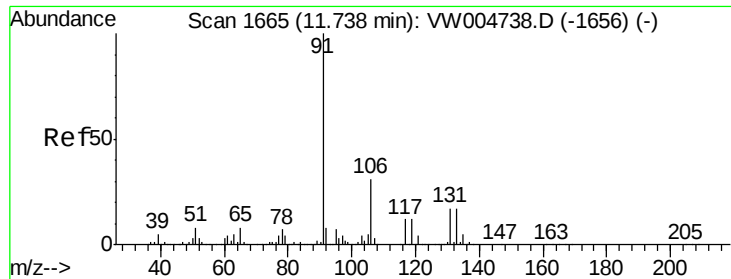
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#65
Chlorobenzene
Concen: 55.34 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.4	38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 59.55 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

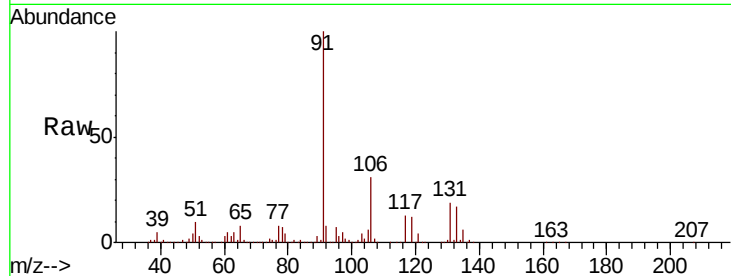
ClientSampleId :

TOD1-SB-01-0-2MSD

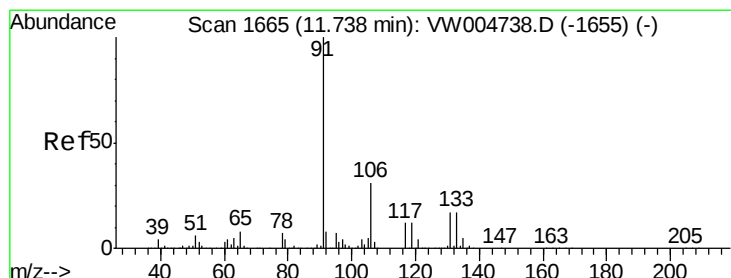
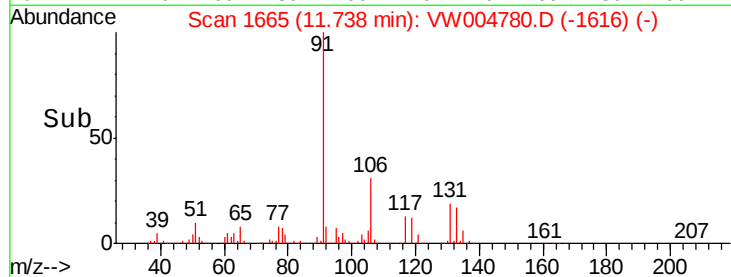
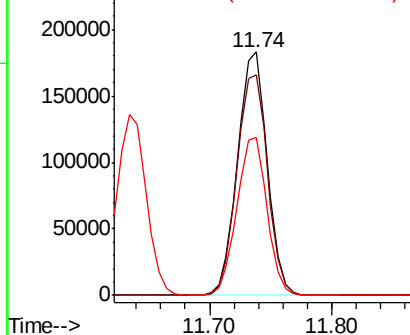
Tot Ion:	131	Resp:	307952
Ion Ratio	Lower	Upper	
131	100		
133	93.9	48.2	144.6
119	65.8	34.0	102.0

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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 58.51 ug/l

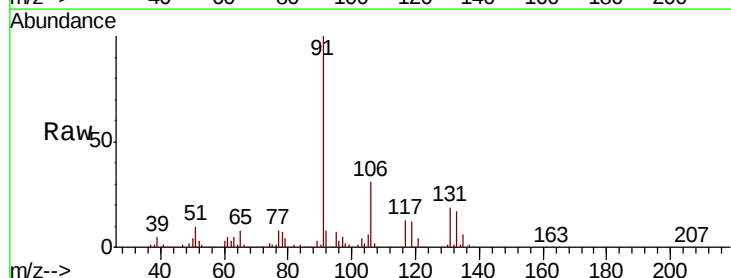
RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

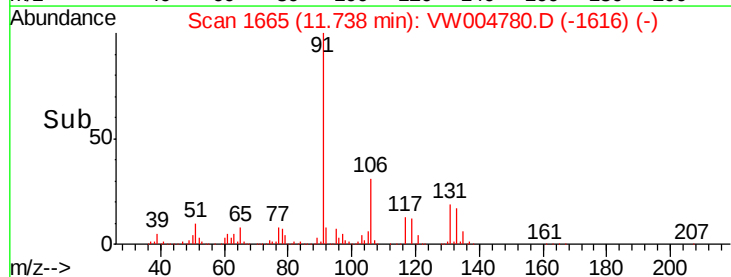
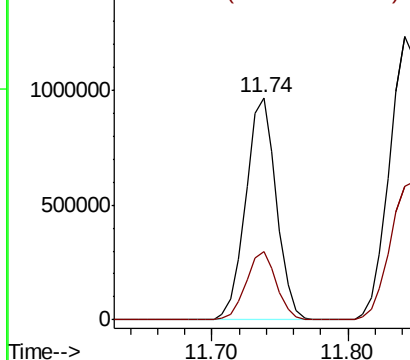
Lab File: VW004780.D

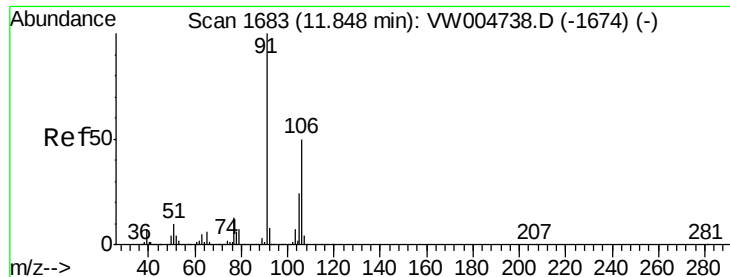
Acq: 18 Aug 2018 13:48

Tgt Ion:	91	Resp:	1519009
Ion Ratio	Lower	Upper	
91	100		
106	30.7	24.9	37.3



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V





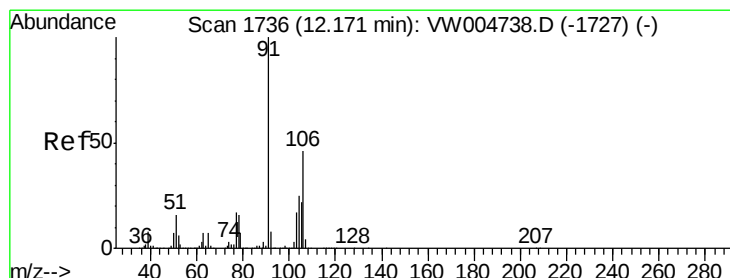
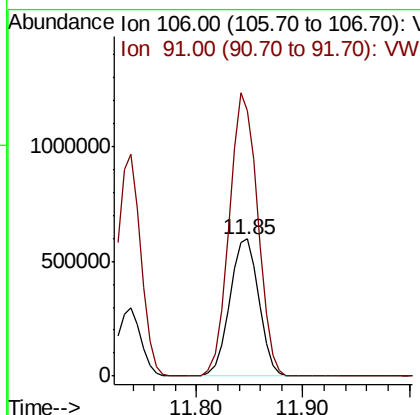
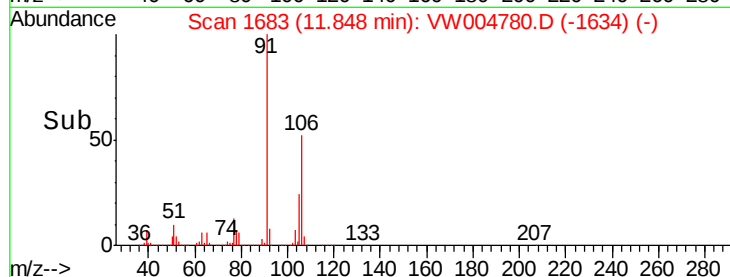
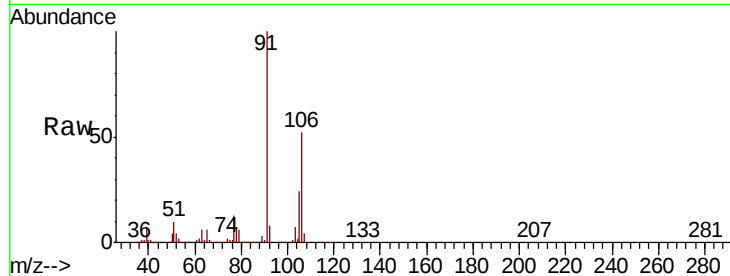
#68
m/p-Xylenes
Concen: 112.84 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion:106 Resp: 1139826
Ion Ratio Lower Upper
106 100
91 202.5 159.9 239.9

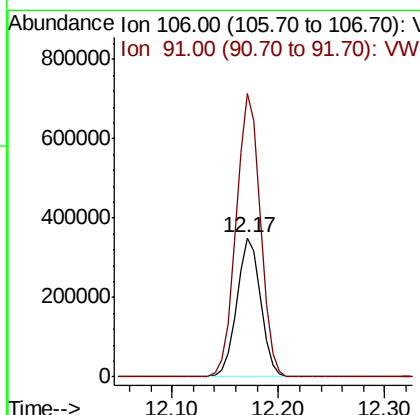
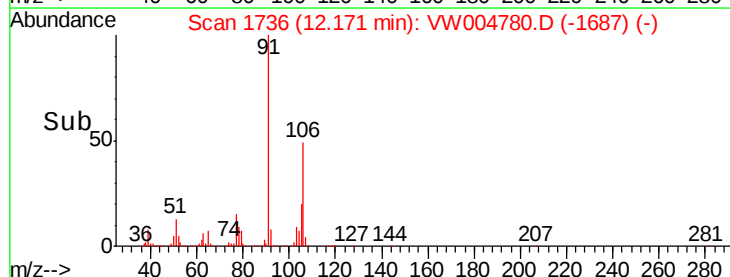
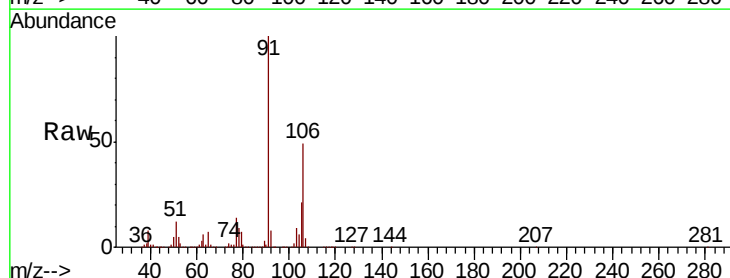
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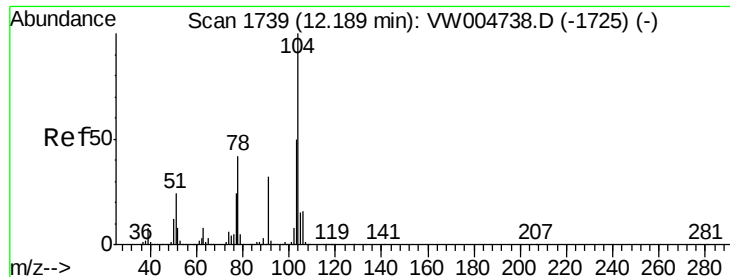
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#69
o-Xylene
Concen: 58.98 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion:106 Resp: 551548
Ion Ratio Lower Upper
106 100
91 207.0 107.3 321.8





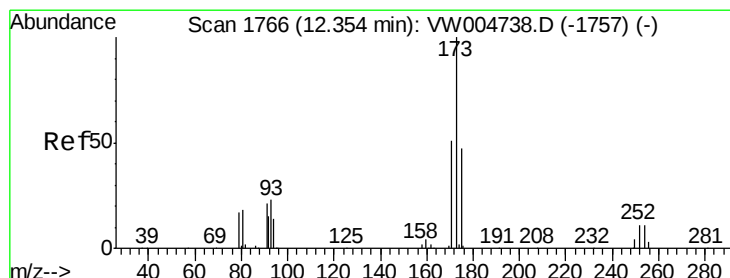
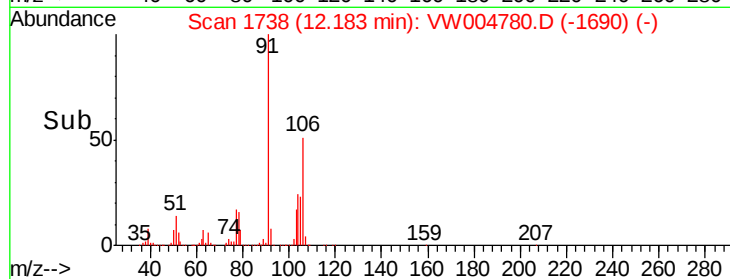
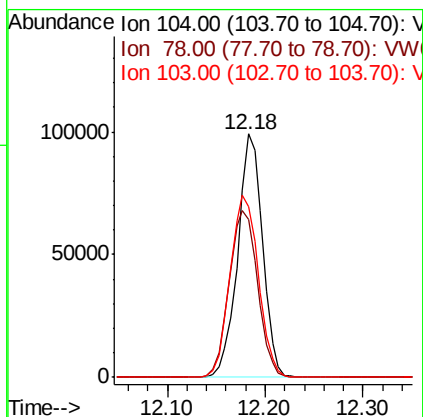
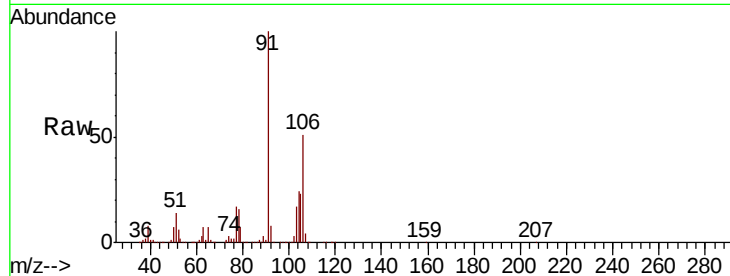
#70
Stvrene
Concen: 11.14 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	175027		
78	78.1	38.4	57.6#	
103	84.8	44.1	66.1#	

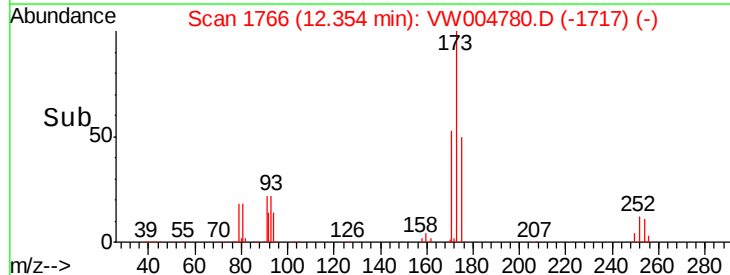
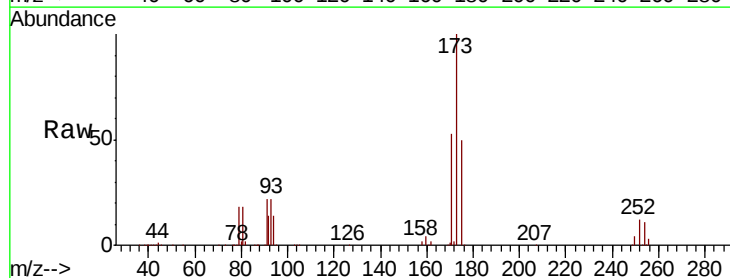
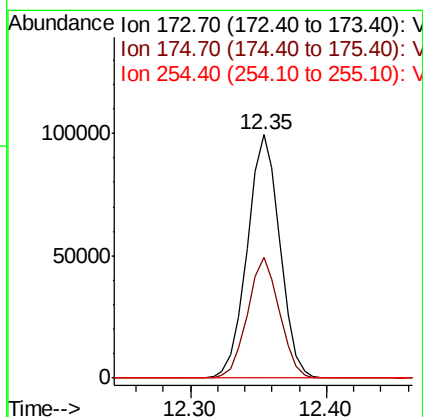
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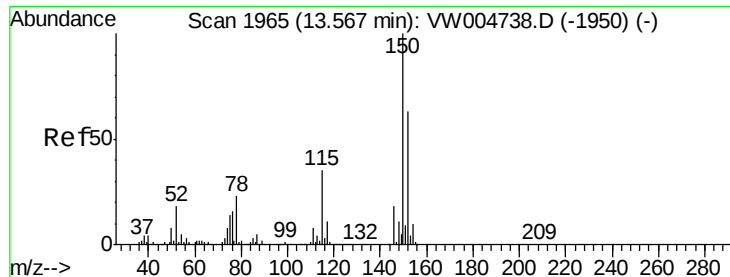
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#71
Bromoform
Concen: 61.08 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	166720		
175	48.7	23.8	71.4	
254	0.2	0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

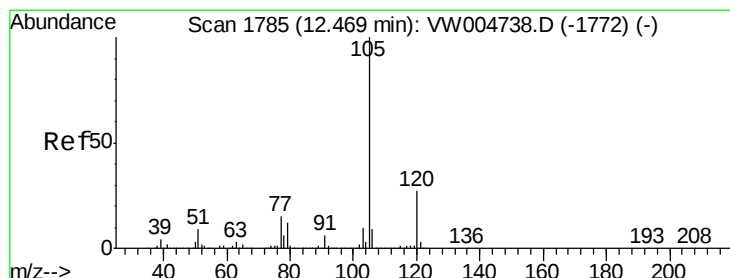
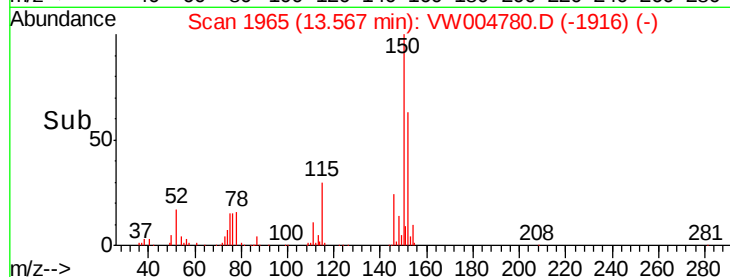
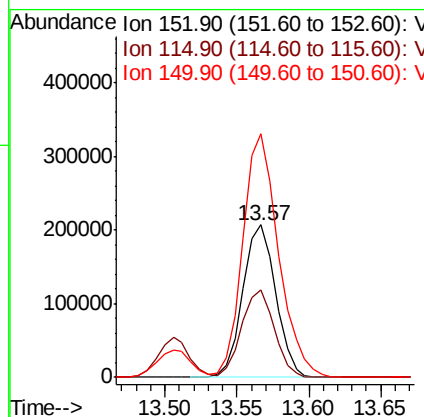
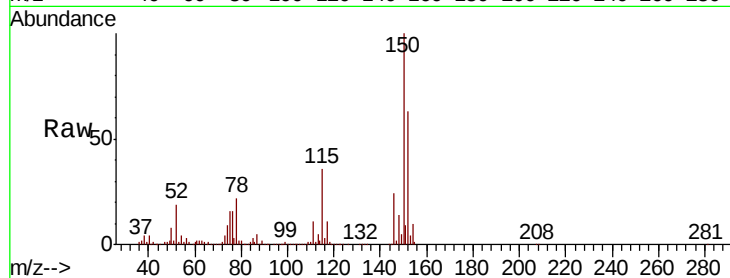
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:	152	Resp:	327968
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.5	85.5
150	173.0	0.0	344.8

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#73

Isopropylbenzene

Concen: 64.79 ug/l

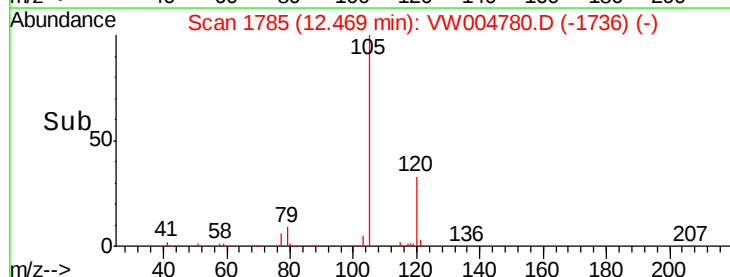
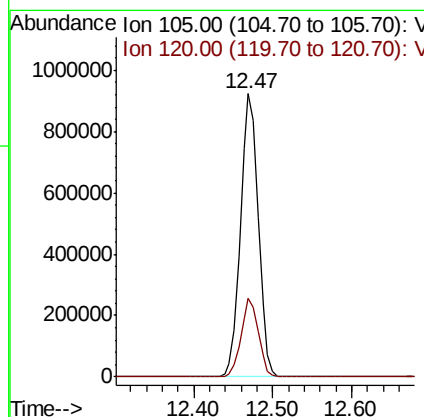
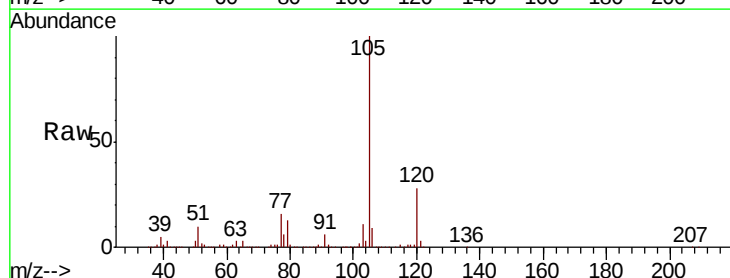
RT: 12.47 min Scan# 1785

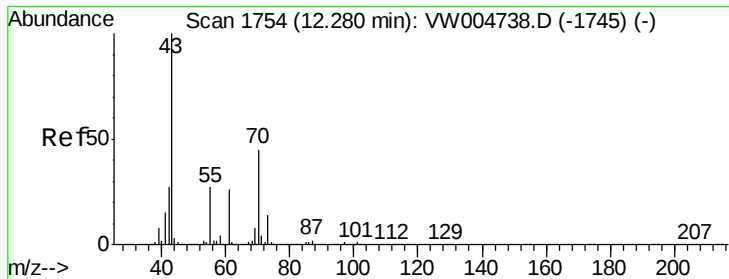
Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion:	105	Resp:	1445530
Ion Ratio	Lower	Upper	
105	100		
120	27.0	13.3	39.9





#74

N-amvl acetate

Concen: 7.71 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

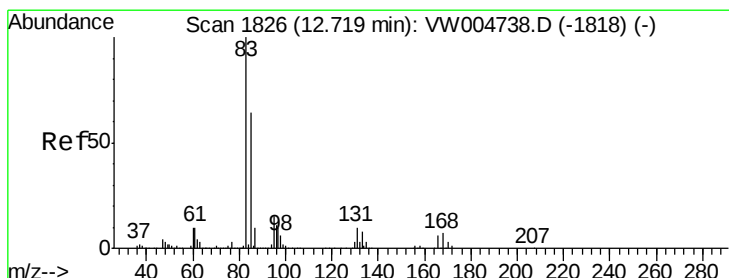
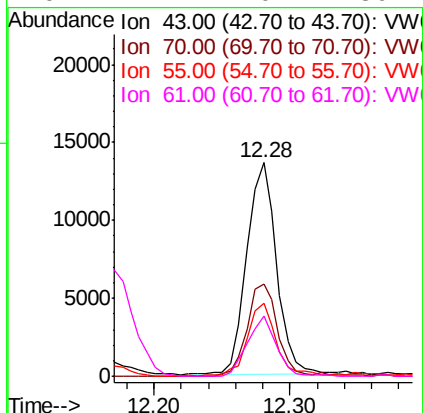
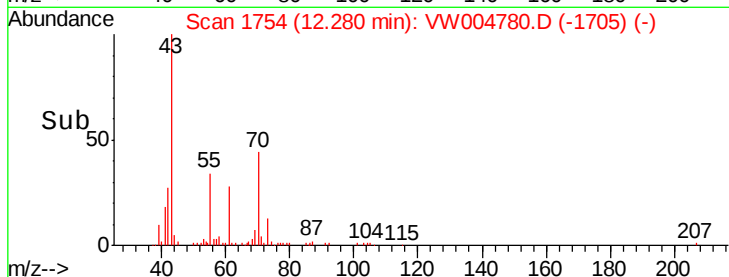
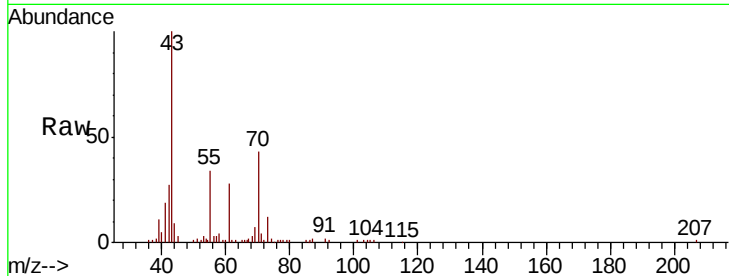
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	44.2	36.3	54.5	
55	34.0	22.6	33.8	
61	27.2	20.2	30.4	

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#75

1,1,2,2-Tetrachloroethane

Concen: 72.61 ug/l

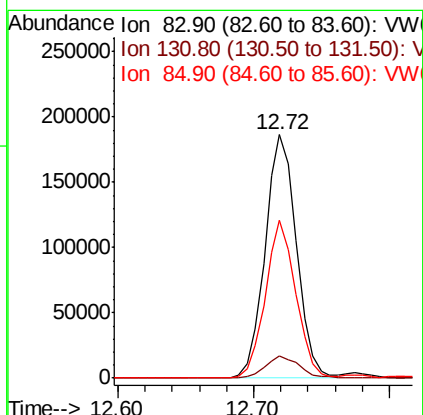
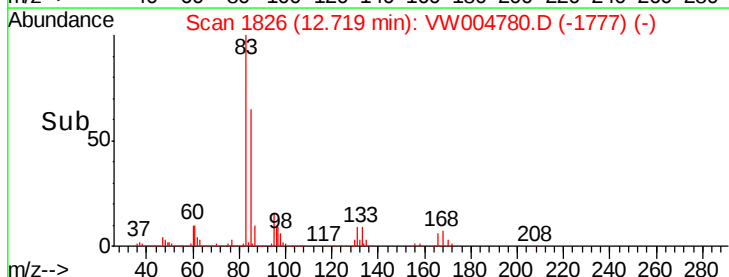
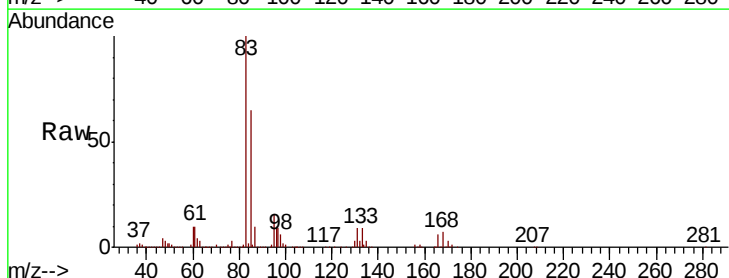
RT: 12.72 min Scan# 1826

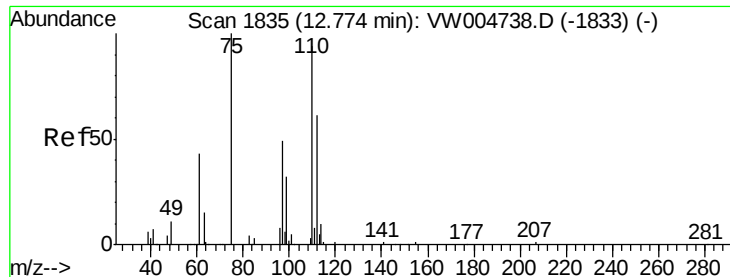
Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	9.9	5.3	15.8	
85	63.1	31.9	95.9	





#76

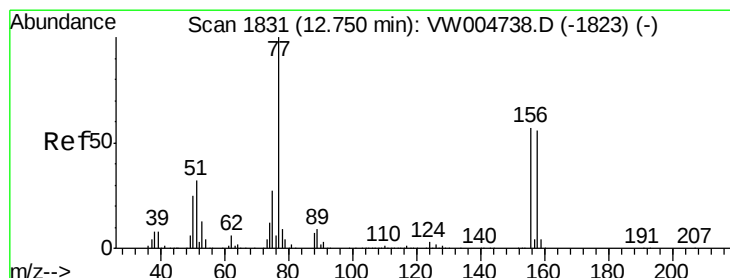
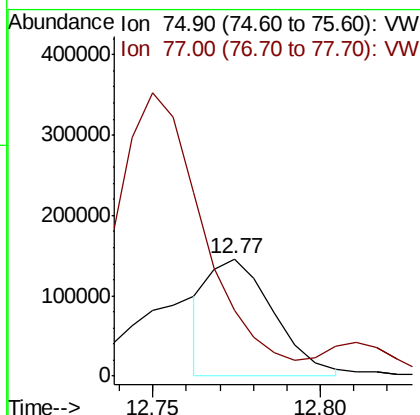
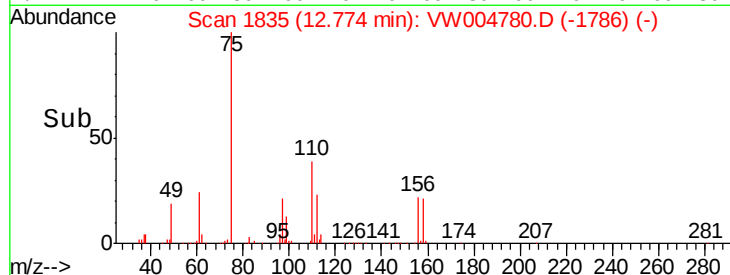
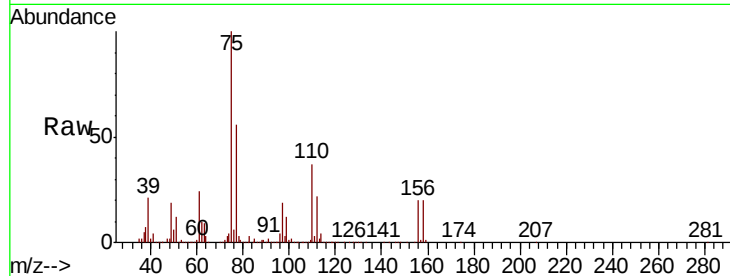
1,2,3-Trichloropropane
Concen: 68.69 ug/l m
RT: 12.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

Manual Integrations
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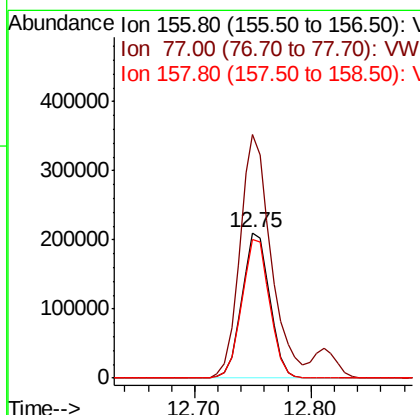
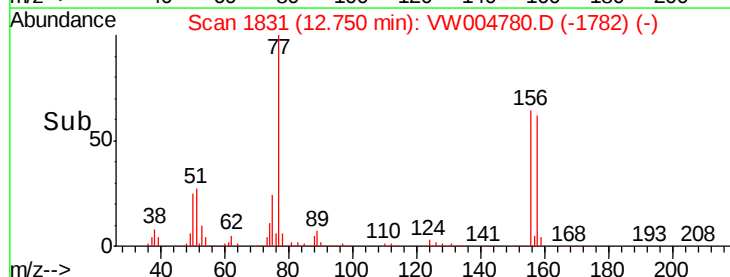
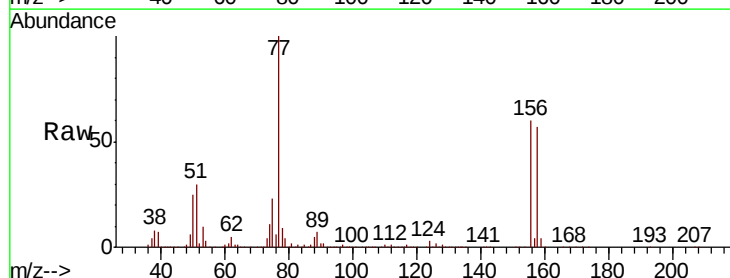
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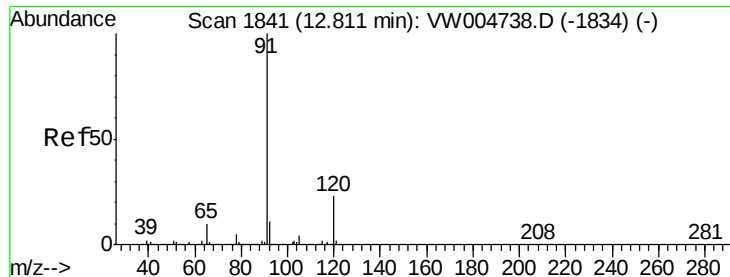


#77

Bromobenzene
Concen: 64.65 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
156	100		
77	186.7	94.2	282.4
158	95.9	48.6	145.9





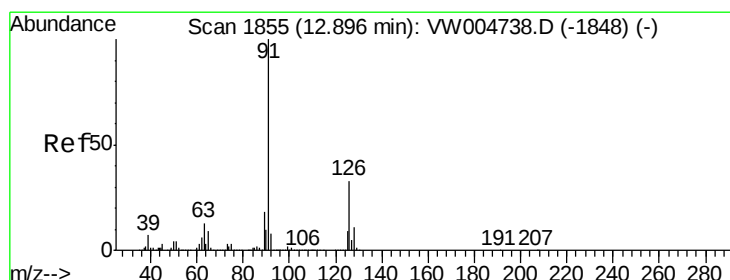
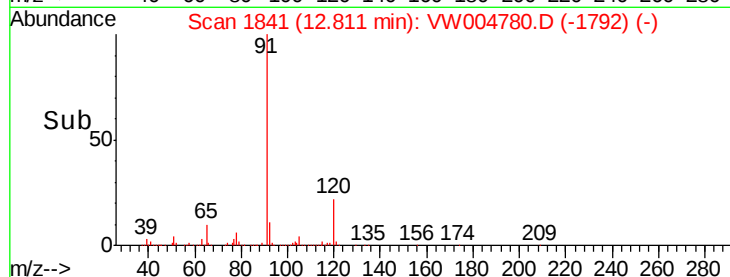
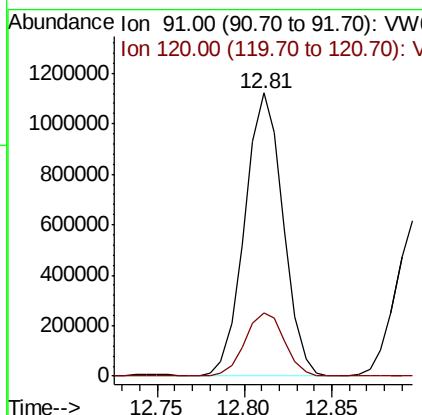
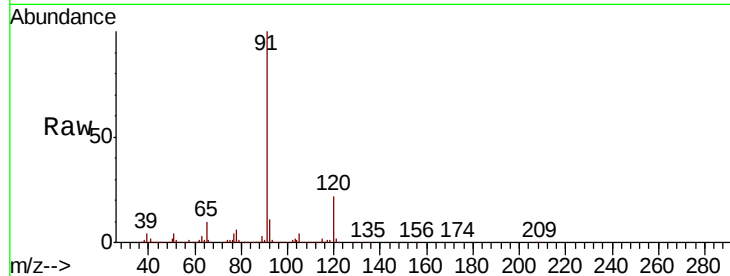
#78
n-propylbenzene
Concen: 63.15 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MSD

Tot Ion: 91 Resp: 1719459
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2

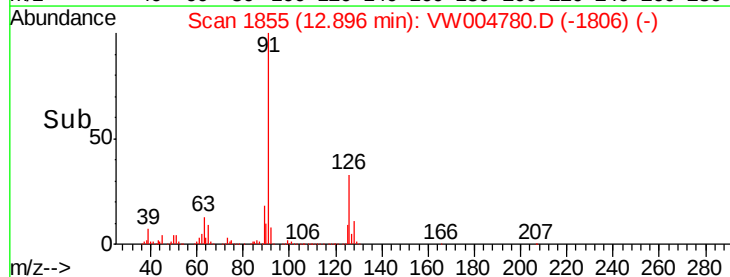
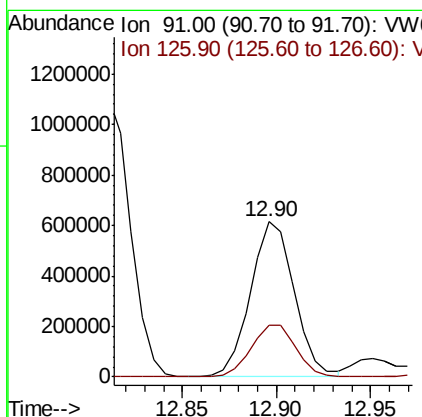
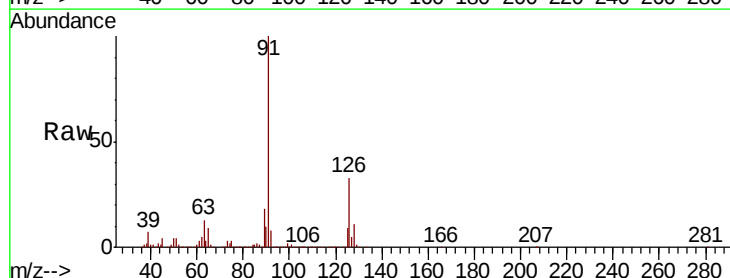
Manual Integrations
APPROVED

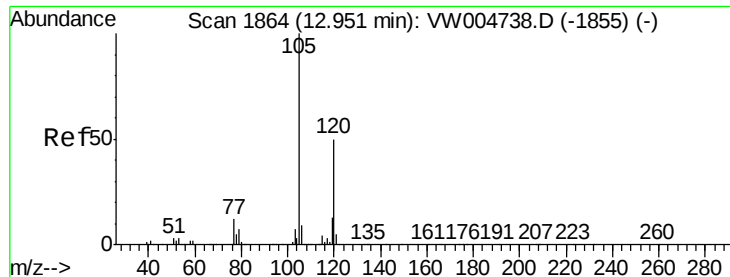
apatel
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#79
2-Chlorotoluene
Concen: 63.08 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW004780.D
Acq: 18 Aug 2018 13:48

Tgt Ion: 91 Resp: 990011
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0





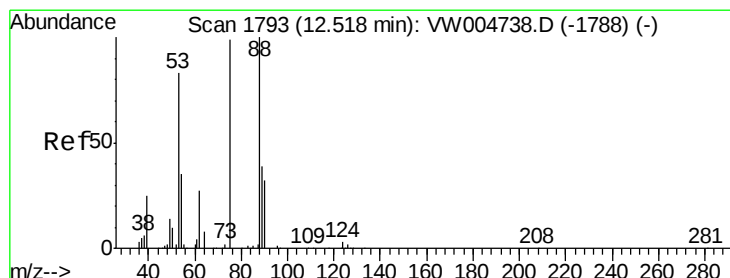
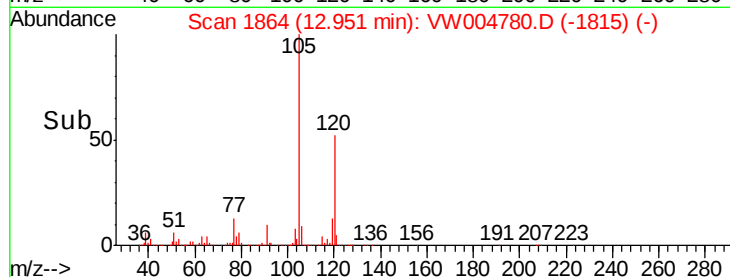
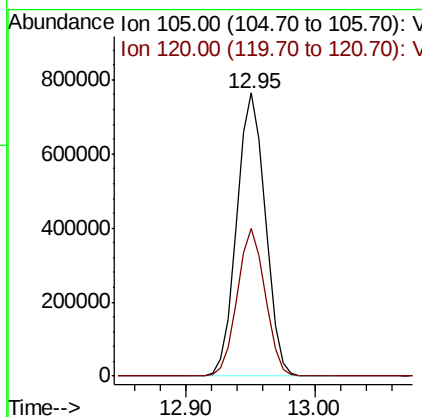
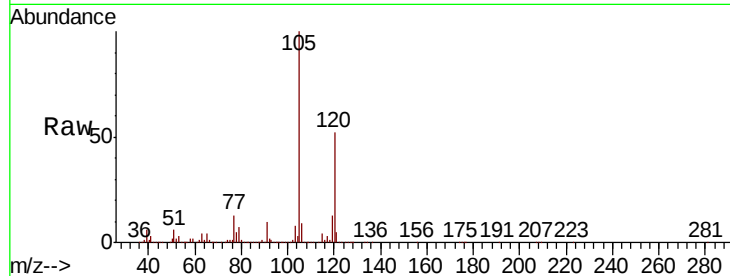
#80
 1,3,5-Trimethylbenzene
 Concen: 61.93 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MSD

Tot Ion:105 Resp: 1173859
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.7 74.1

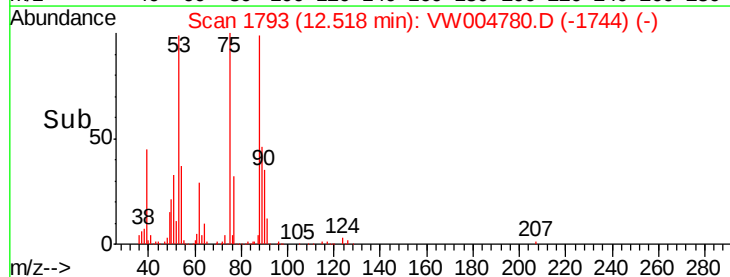
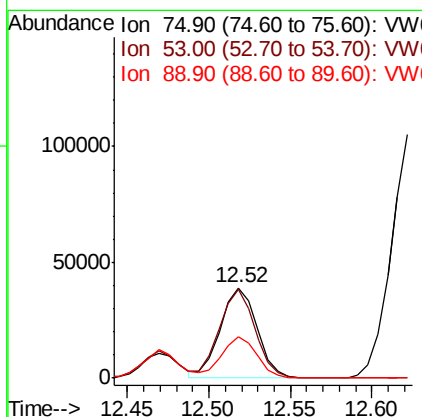
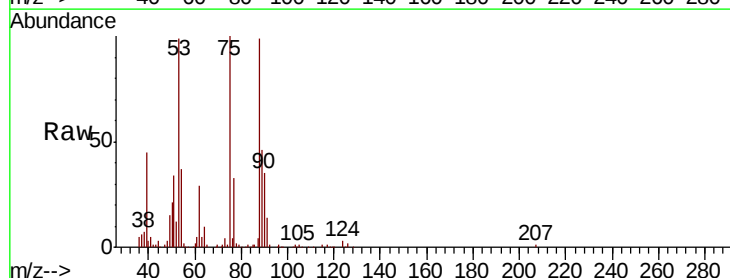
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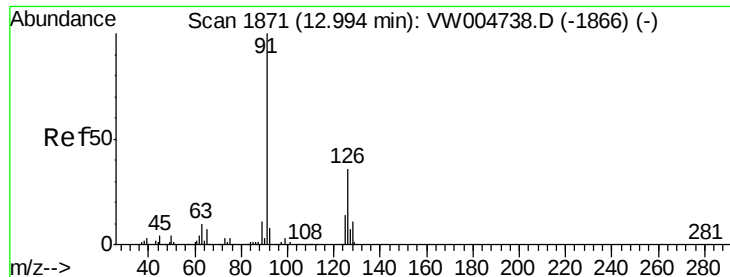
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.76 ug/l
 RT: 12.52 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Tgt Ion: 75 Resp: 60648
 Ion Ratio Lower Upper
 75 100
 53 97.3 72.2 108.4
 89 44.2 35.2 52.8





#82

4-Chlorotoluene

Concen: 59.84 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion: 91 Resp: 997743

Ion Ratio Lower Upper

91 100

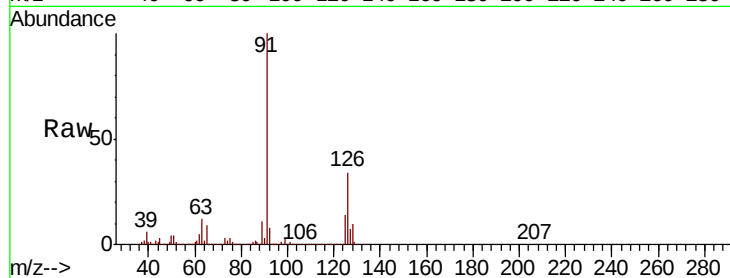
126 33.2 16.9 50.7

Manual Integrations

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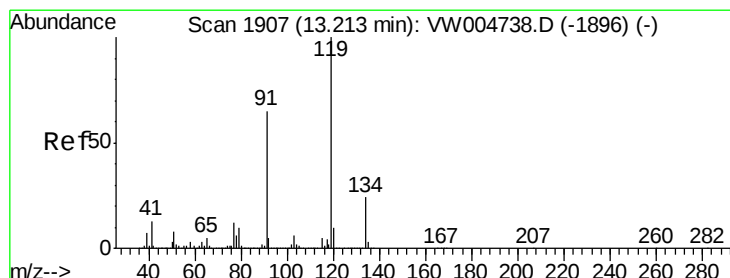
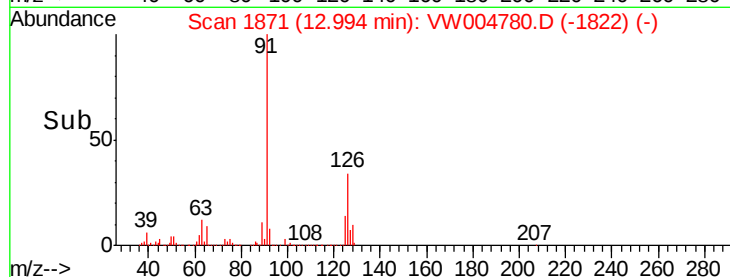
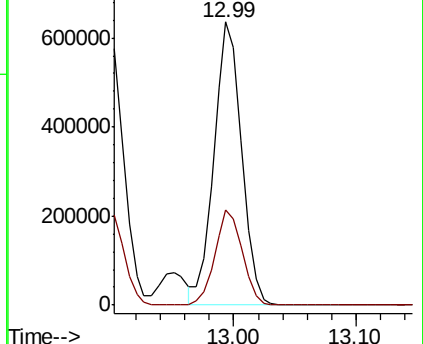
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 61.55 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

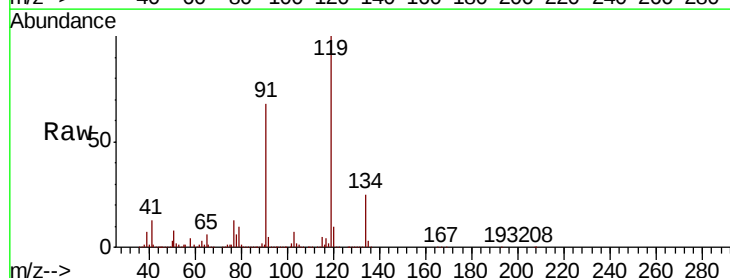
Tgt Ion: 119 Resp: 997947

Ion Ratio Lower Upper

119 100

91 66.6 32.6 97.8

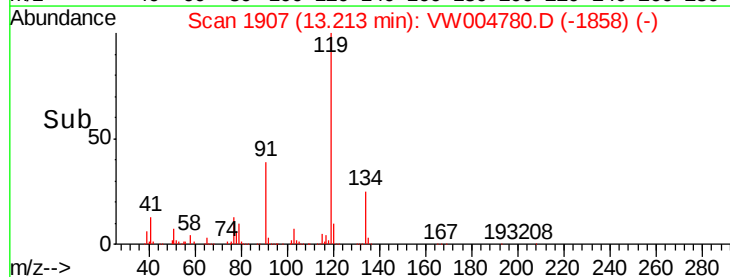
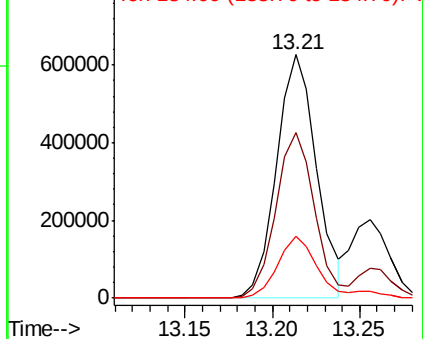
134 26.7 13.1 39.3

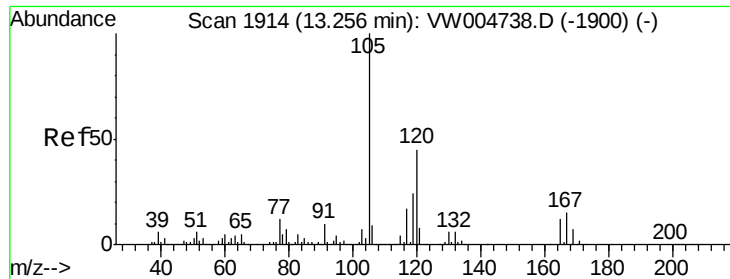


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V





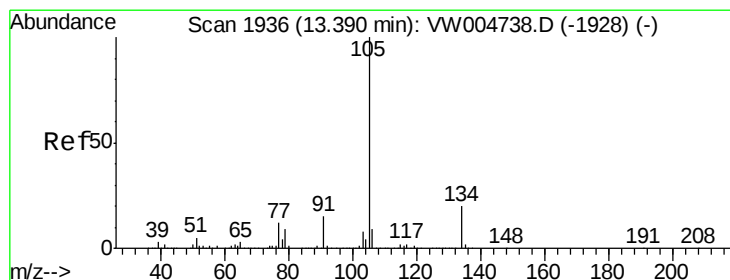
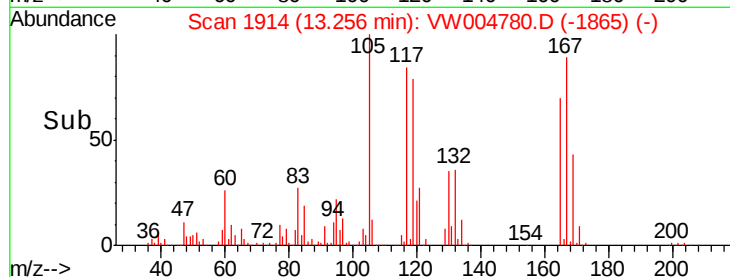
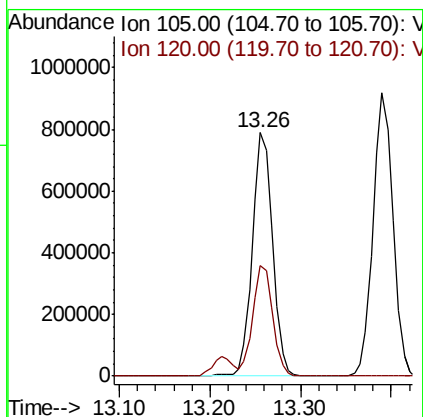
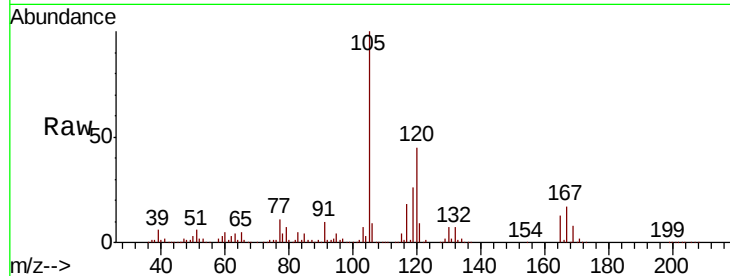
#84
 1,2,4-Trimethylbenzene
 Concen: 62.43 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MSD

Tot Ion:105 Resp: 1217490
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.8 68.3

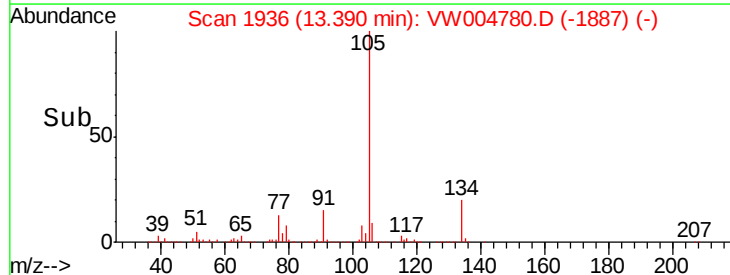
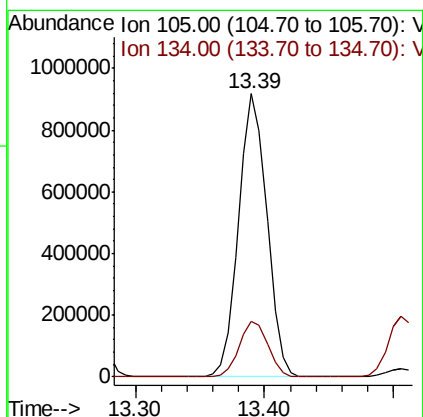
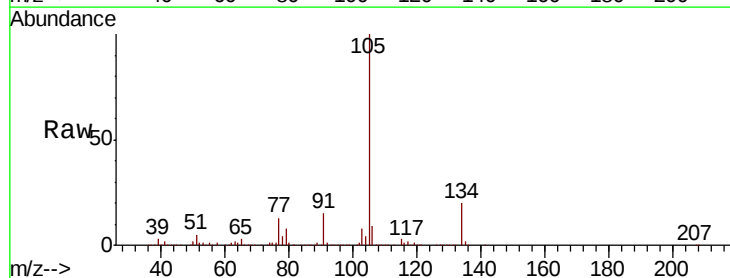
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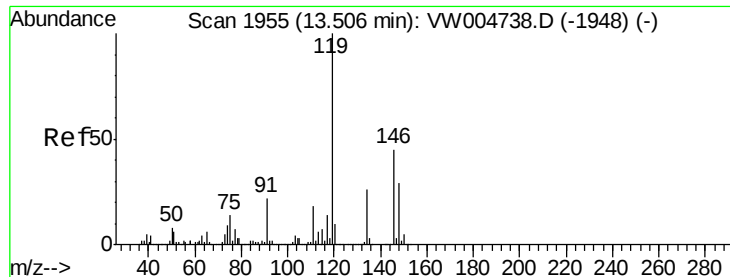
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#85
 sec-Butylbenzene
 Concen: 57.60 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Tgt Ion:105 Resp: 1394206
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 29.8





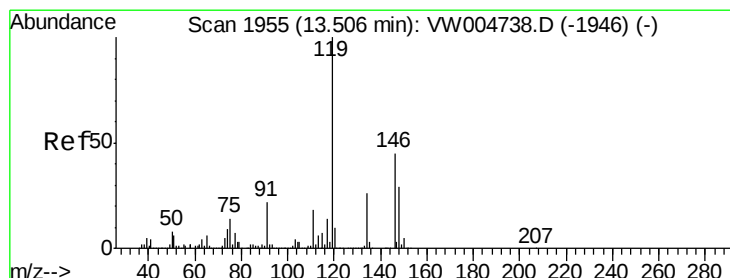
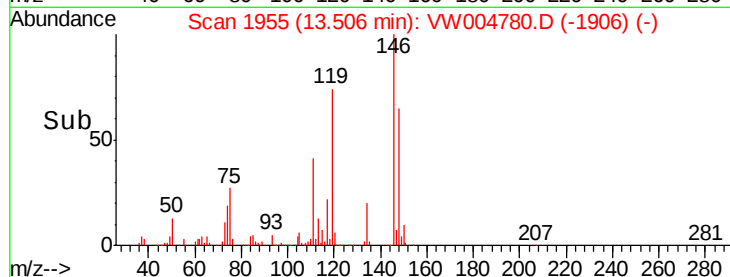
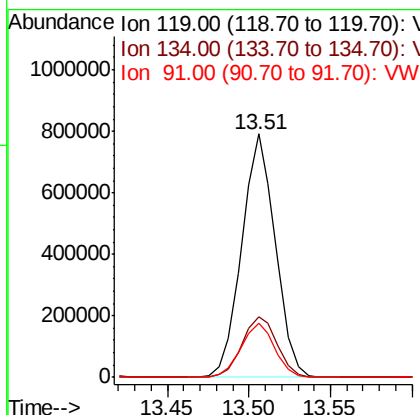
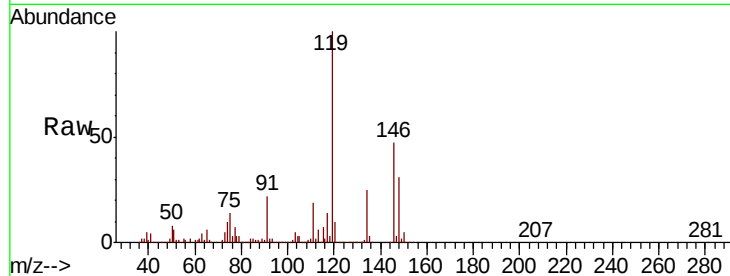
#86
 p-Isopropyltoluene
 Concen: 53.75 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	22.5	11.2	33.5

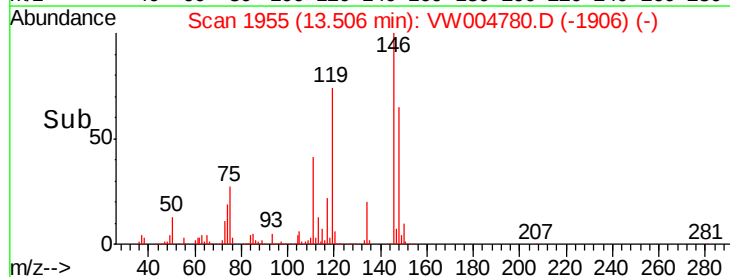
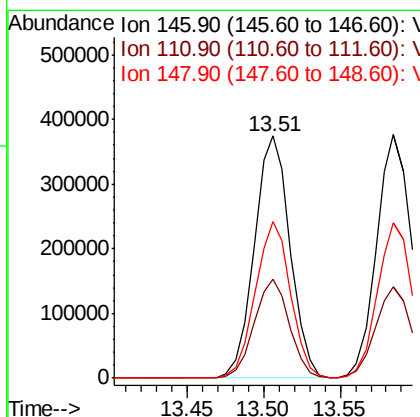
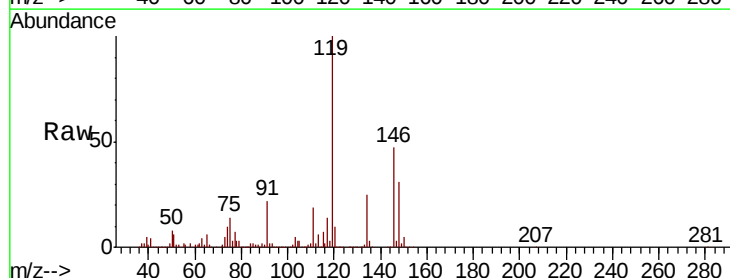
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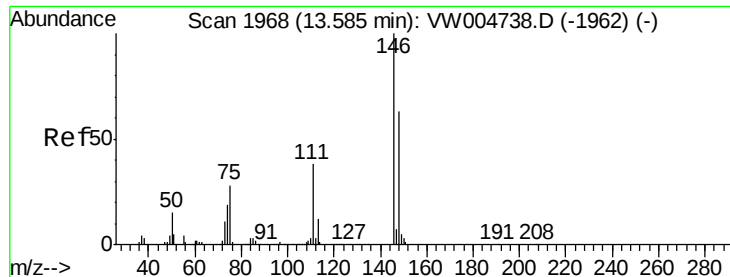
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#87
 1,3-Dichlorobenzene
 Concen: 55.20 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.8	59.4
148	63.7	31.9	95.9





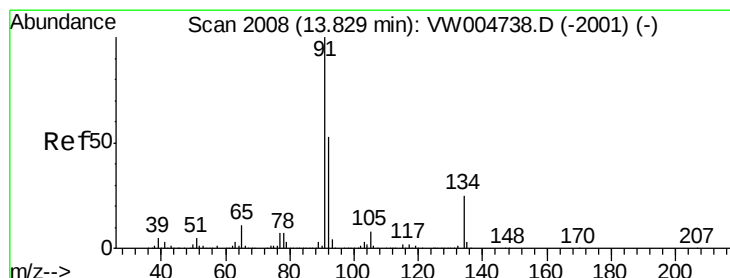
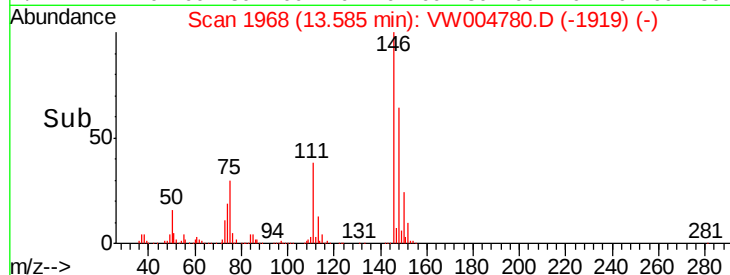
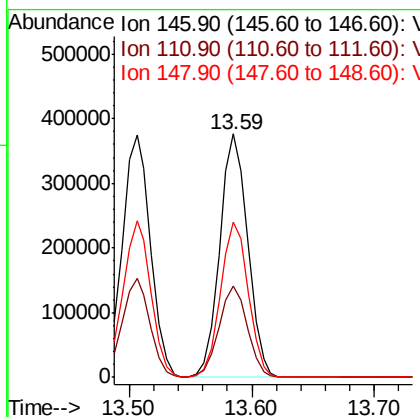
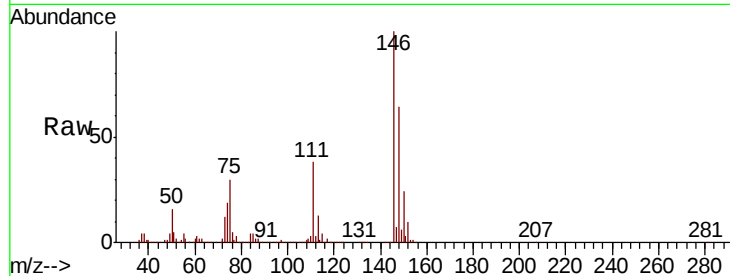
#88
 1,4-Dichlorobenzene
 Concen: 54.34 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	63.5	31.8	95.3

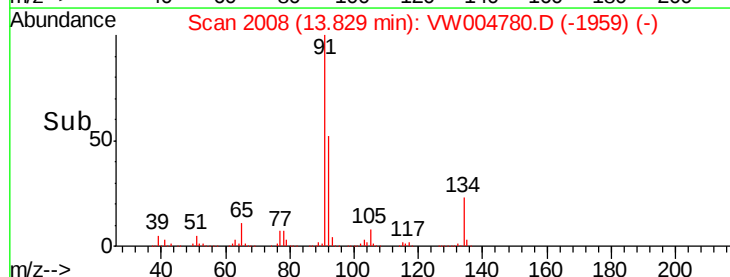
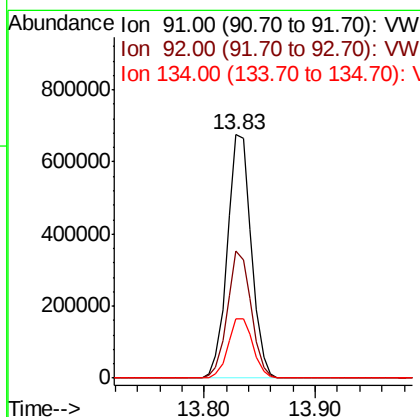
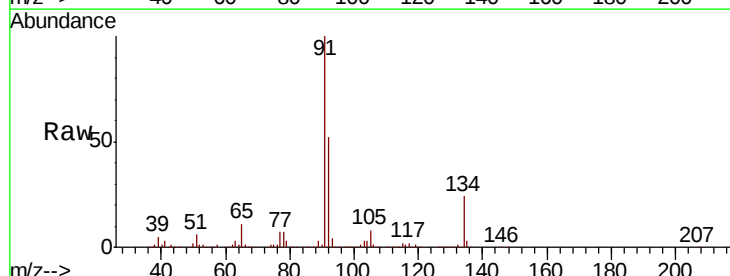
Manual Integrations
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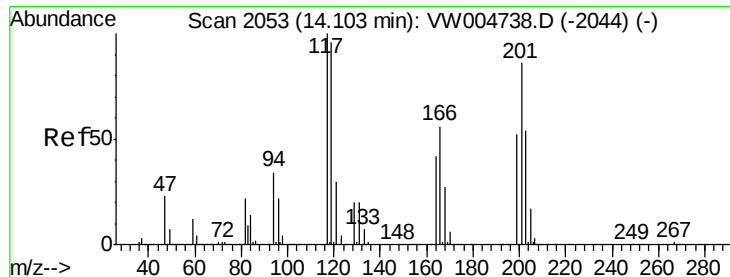
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#89
 n-Butylbenzene
 Concen: 49.19 ug/l
 RT: 13.83 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.4	79.2
134	25.4	12.8	38.3





#90

Hexachloroethane

Concen: 53.02 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:117 Resp: 203569

Ion Ratio Lower Upper

117 100

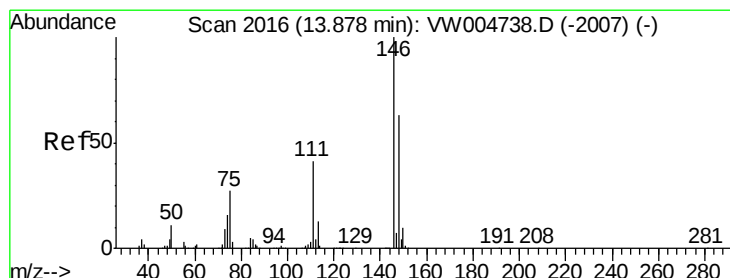
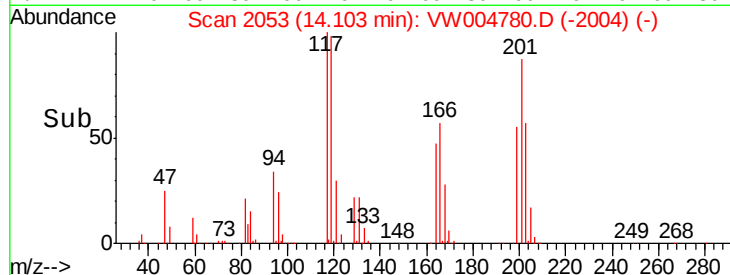
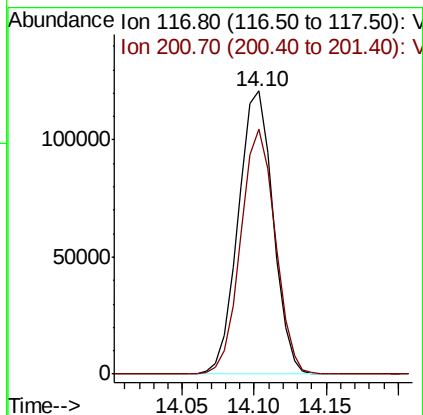
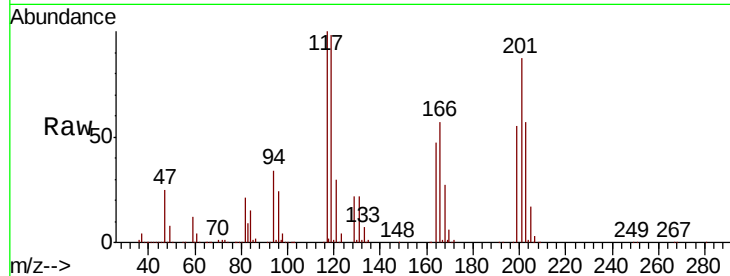
201 85.4 42.4 127.2

Manual Integrations

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#91

1,2-Dichlorobenzene

Concen: 56.47 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

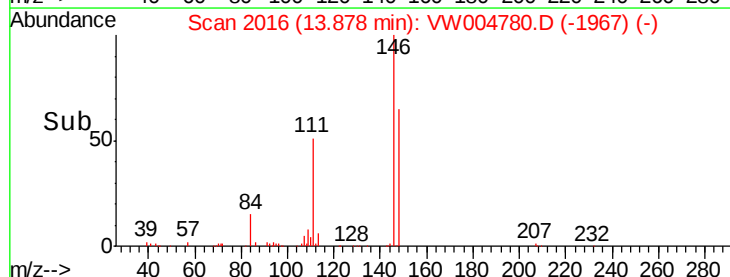
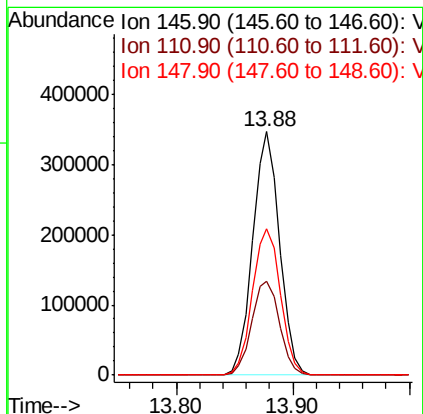
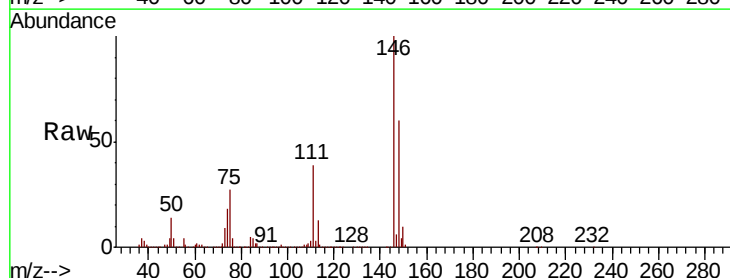
Tgt Ion:146 Resp: 557168

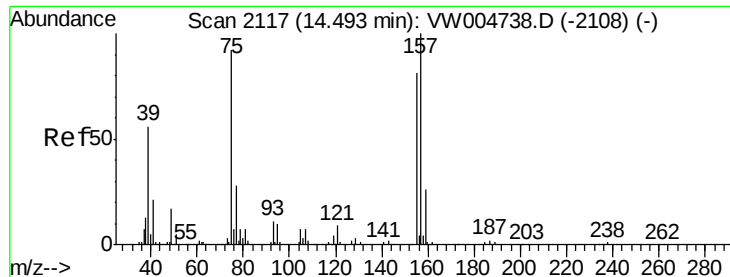
Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.3

148 63.0 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 68.54 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

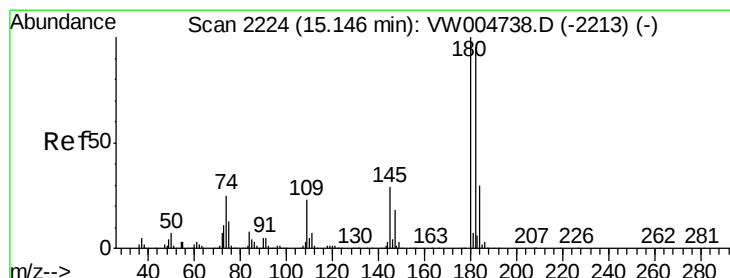
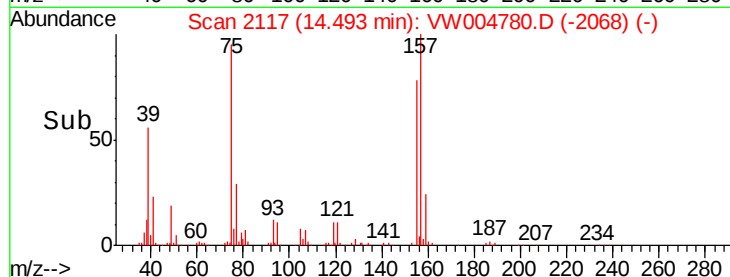
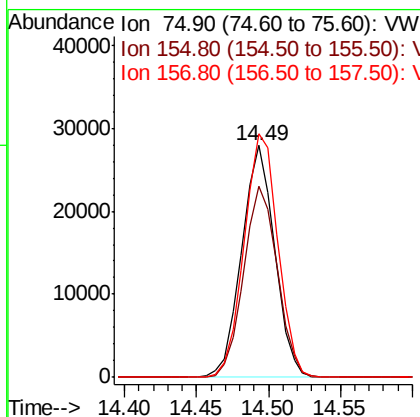
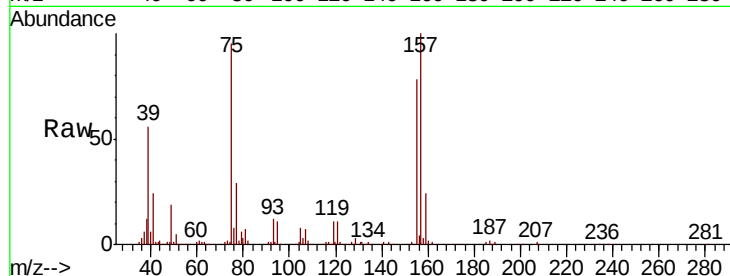
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:	75	Resp:	44276
Ion Ratio	Lower	Upper	
75	100		
155	84.1	43.3	129.9
157	107.2	54.5	163.6

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#93

1,2,4-Trichlorobenzene

Concen: 37.79 ug/l

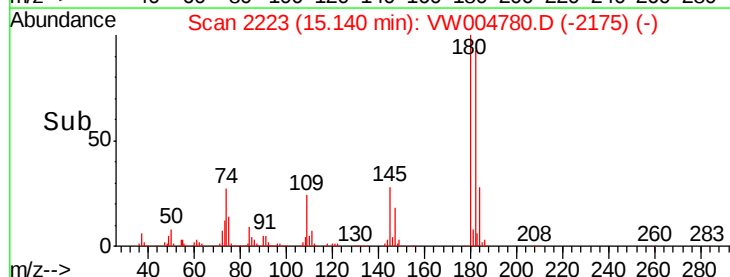
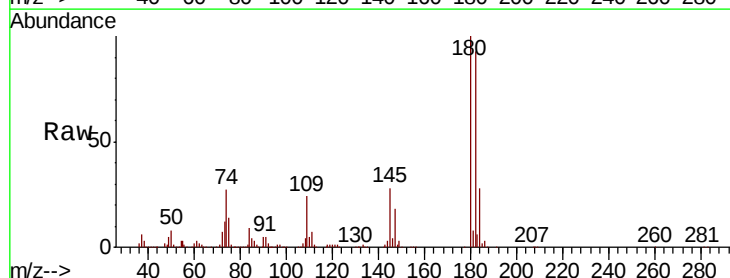
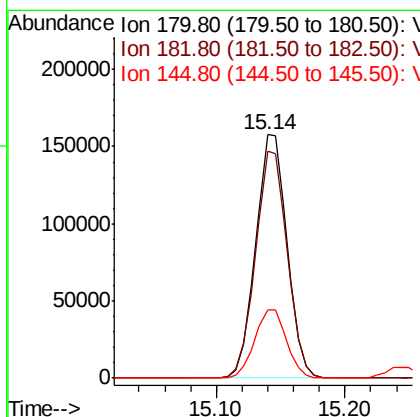
RT: 15.14 min Scan# 2223

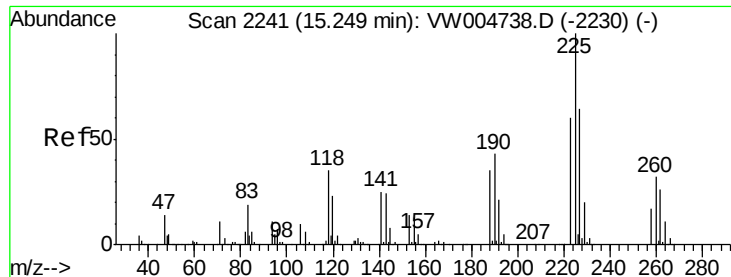
Delta R.T. -0.01 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion:	180	Resp:	263740
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.3	141.8
145	28.6	14.6	43.8





#94

Hexachlorobutadiene

Concen: 34.29 ug/l

RT: 15.24 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Instrument :

MSVOA_W

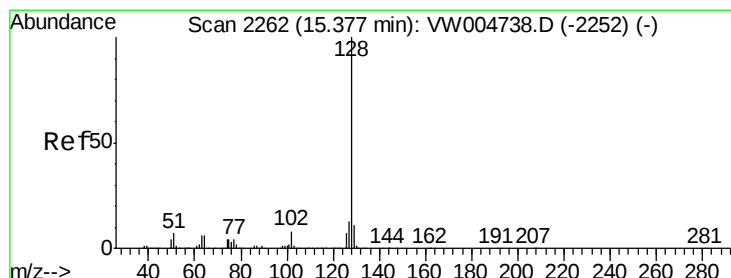
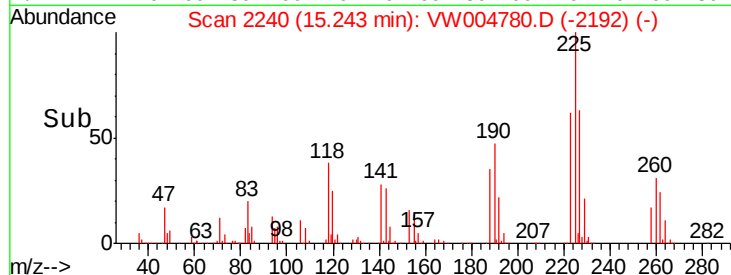
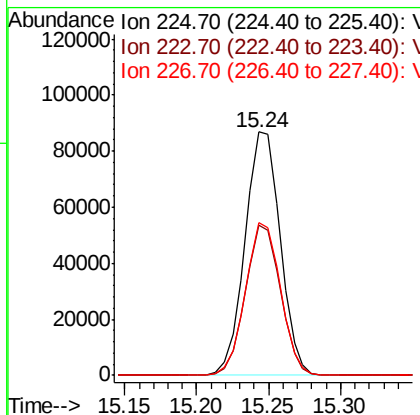
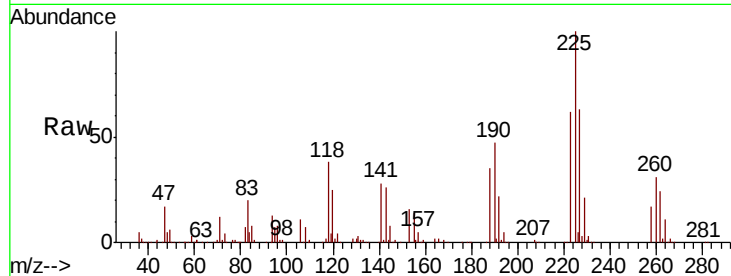
ClientSampleId :

TOD1-SB-01-0-2MSD

Tot Ion:	225	Resp:	146892
Ion Ratio	Lower	Upper	
225	100		
223	61.3	30.9	92.5
227	62.4	32.0	96.0

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#95

Naphthalene

Concen: 43.10 ug/l

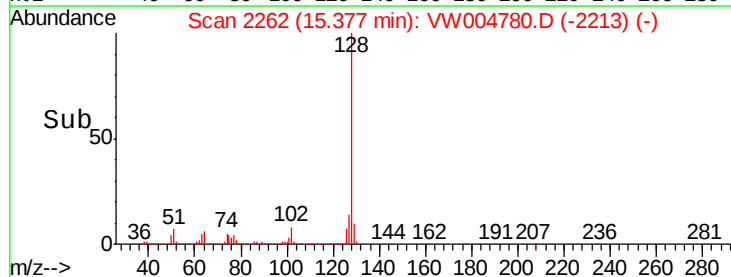
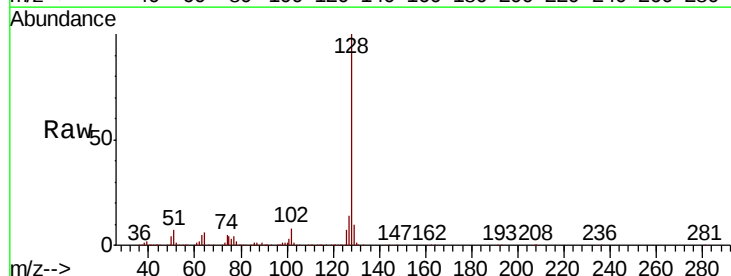
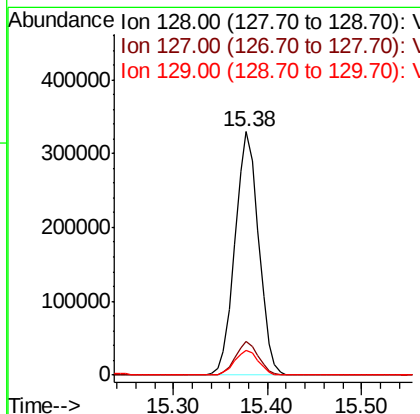
RT: 15.38 min Scan# 2262

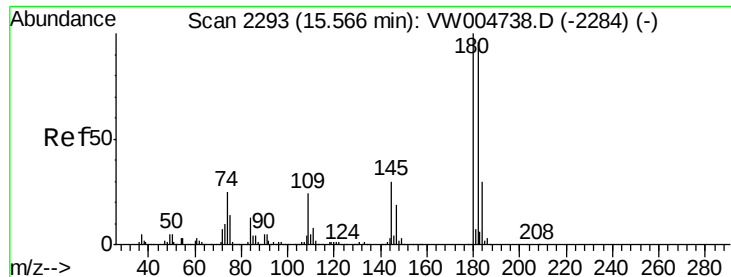
Delta R.T. 0.00 min

Lab File: VW004780.D

Acq: 18 Aug 2018 13:48

Tgt Ion:	128	Resp:	575766
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.5	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 36.48 ug/l
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VW004780.D
 Acq: 18 Aug 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	225729		
182	93.6	47.3	142.0	
145	30.4	15.4	46.1	

Manual Integrations
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