

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007185.D
 Acq On : 04 Dec 2018 13:45
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
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 12/5/2018 12:43:47 PM

Quant Time: Dec 05 01:06:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	175655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	165834	160.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.08%	
35) Dibromofluoromethane	7.88	113	161295	160.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.74%	
50) Toluene-d8	10.33	98	655164	147.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.76%	
62) 4-Bromofluorobenzene	12.62	95	247097	147.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	154745	127.087	ug/l	99
3) Chloromethane	2.21	50	197868	128.320	ug/l	100
4) Vinyl Chloride	2.35	62	127729	132.298	ug/l	99
5) Bromomethane	2.73	94	67253	139.011	ug/l	99
6) Chloroethane	2.90	64	72783	134.358	ug/l	95
7) Trichlorofluoromethane	3.25	101	275551	146.390	ug/l	99
8) Diethyl Ether	3.68	74	84024	160.144	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	168058	147.799	ug/l	99
10) Methyl Iodide	4.27	142	170804	176.335	ug/l	98
11) Tert butyl alcohol	5.17	59	72064	595.883	ug/l	99
12) 1,1-Dichloroethene	4.04	96	156343	146.719	ug/l	97
13) Acrolein	3.90	56	58485	805.526	ug/l	100
14) Allyl chloride	4.67	41	254356	148.916	ug/l	99
15) Acrylonitrile	5.37	53	173844	792.573	ug/l	99
16) Acetone	4.12	43	187101	762.743	ug/l	98
17) Carbon Disulfide	4.38	76	522572	148.774	ug/l	100
18) Methyl Acetate	4.67	43	89211	159.328	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	392737	156.539	ug/l	99
20) Methylene Chloride	4.92	84	172282	118.105	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	177866	149.487	ug/l	98
22) Diisopropyl ether	6.31	45	448459	146.257	ug/l	98
23) Vinyl Acetate	6.26	43	1313496	785.077	ug/l	99
24) 1,1-Dichloroethane	6.22	63	299865	152.582	ug/l	99
25) 2-Butanone	7.17	43	226905	797.970	ug/l	99
26) 2,2-Dichloropropane	7.17	77	271491	143.753	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	194679	152.629	ug/l	99
28) Bromochloromethane	7.51	49	109336	154.290	ug/l	100
29) Tetrahydrofuran	7.53	42	143058	814.136	ug/l	99
30) Chloroform	7.68	83	311972	152.744	ug/l	99
31) Cyclohexane	7.96	56	268387	130.522	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	280558	145.963	ug/l	98
36) 1,1-Dichloropropene	8.09	75	234987	137.487	ug/l	100
37) Ethyl Acetate	7.26	43	92790	150.086	ug/l	98
38) Carbon Tetrachloride	8.07	117	244977	140.430	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	318124	139.040	ug/l	98
40) Benzene	8.32	78	660881	141.011	ug/l	99
41) Methacrylonitrile	7.49	41	55880	150.899	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	199231	152.104	ug/l	99
43) Isopropyl Acetate	8.43	43	190263	158.453	ug/l	99
44) Trichloroethene	9.09	130	183632	139.390	ug/l	95
45) 1,2-Dichloropropane	9.37	63	155425	142.509	ug/l	97
46) Dibromomethane	9.46	93	88159	155.559	ug/l	97
47) Bromodichloromethane	9.65	83	223298	149.791	ug/l	98
48) Methyl methacrylate	9.44	41	100820	161.778	ug/l	98
49) 1,4-Dioxane	9.45	88	27569	2784.717	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	457500	773.151	ug/l	99
52) Toluene	10.39	92	458050	140.499	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	228438	152.417	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	262370	149.376	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	116863	144.969	ug/l	97
56) Ethyl methacrylate	10.65	69	167044	158.857	ug/l	96
57) 1,3-Dichloropropane	10.93	76	204598	150.332	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	276194	653.924	ug/l	99
59) 2-Hexanone	10.97	43	312056	727.474	ug/l	97
60) Dibromochloromethane	11.13	129	152767	154.191	ug/l	97
61) 1,2-Dibromoethane	11.24	107	116465	150.630	ug/l	100
64) Tetrachloroethene	10.87	164	162343	140.353	ug/l	95
65) Chlorobenzene	11.66	112	489895	138.554	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	158115	144.797	ug/l	99
67) Ethyl Benzene	11.73	91	902060	139.978	ug/l	92
68) m/p-Xylenes	11.84	106	714761	282.723	ug/l	99
69) o-Xylene	12.17	106	336716	142.554	ug/l	98
70) Styrene	12.18	104	544656	140.864	ug/l	99
71) Bromoform	12.35	173	85854	157.059	ug/l #	99
73) Isopropylbenzene	12.47	105	926277	146.012	ug/l	98
74) N-amyl acetate	12.27	43	177834	158.110	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	124277	150.842	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	101809m	97.115	ug/l	
77) Bromobenzene	12.75	156	200118	146.142	ug/l	97
78) n-propylbenzene	12.81	91	1101585	145.753	ug/l	96
79) 2-Chlorotoluene	12.90	91	603452	141.391	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	769392	141.770	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.51	75	45578	162.658	ug/l	100
82) 4-Chlorotoluene	12.99	91	674970	148.658	ug/l	94
83) tert-Butylbenzene	13.21	119	697262	147.020	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	770790	139.137	ug/l	96
85) sec-Butylbenzene	13.39	105	940077	138.846	ug/l	98
86) p-Isopropyltoluene	13.51	119	835409	138.606	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	388712	138.280	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	414210	145.875	ug/l	97
89) n-Butylbenzene	13.83	91	808287	143.511	ug/l	99
90) Hexachloroethane	14.10	117	138312	150.589	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	348744	143.307	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24898	156.000	ug/l	97

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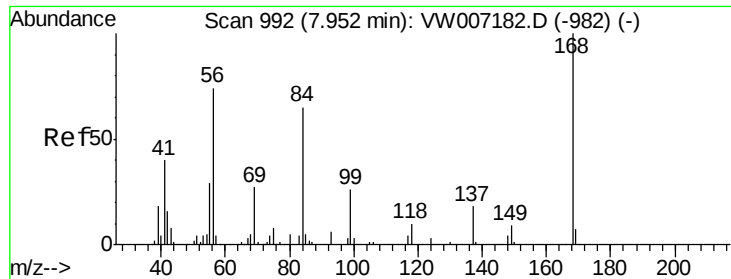
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	248431	147.309	ug/l	98
94) Hexachlorobutadiene	15.24	225	129912	142.849	ug/l	98
95) Naphthalene	15.38	128	474718	157.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	212379	149.346	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion:168 Resp: 111293

Ion Ratio Lower Upper

168 100

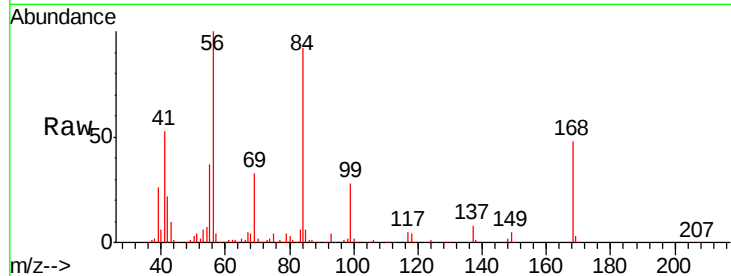
99 57.8 47.8 71.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

80000

60000

40000

20000

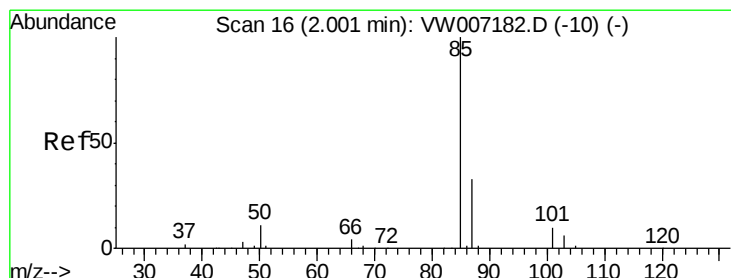
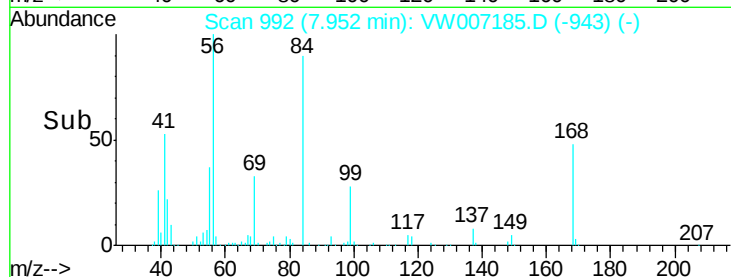
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 127.087 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW007185.D

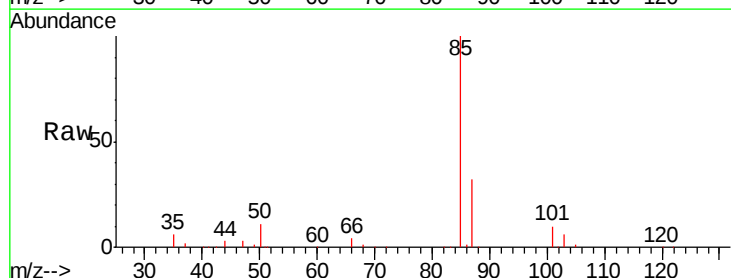
Acq: 04 Dec 2018 13:45

Tgt Ion: 85 Resp: 154745

Ion Ratio Lower Upper

85 100

87 32.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

100000

80000

60000

40000

20000

0

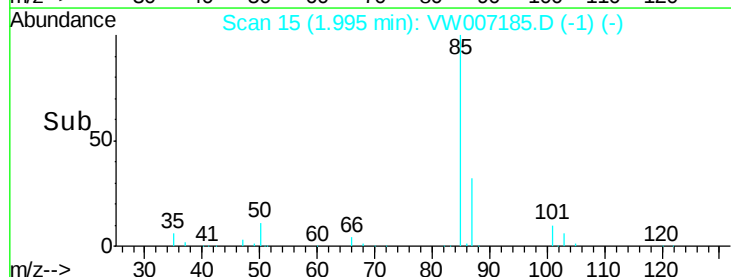
1.90

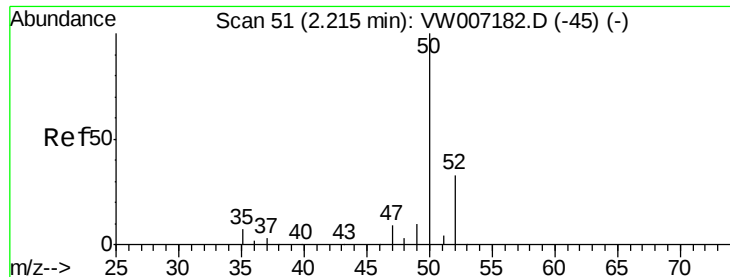
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 128.320 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 50 Resp: 197868

Ion Ratio Lower Upper

50 100

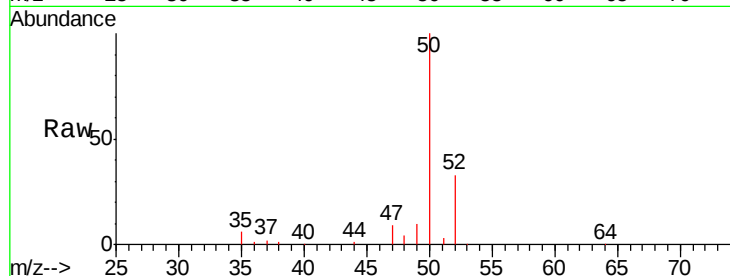
52 32.7 26.2 39.2

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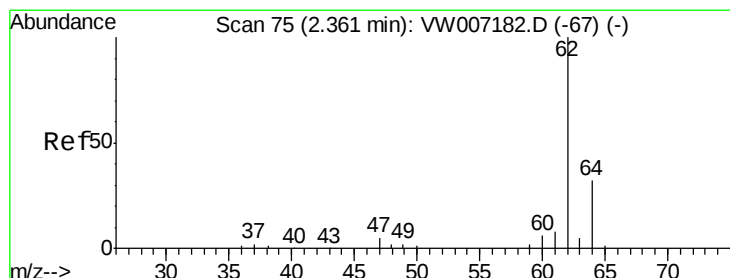
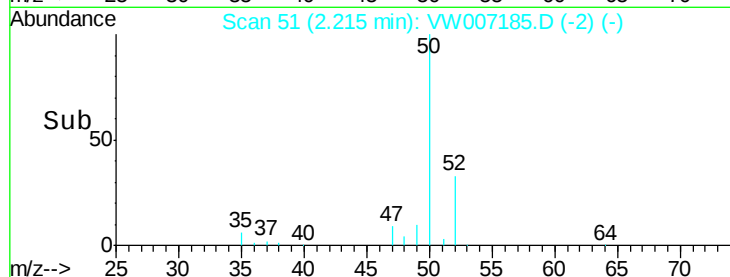
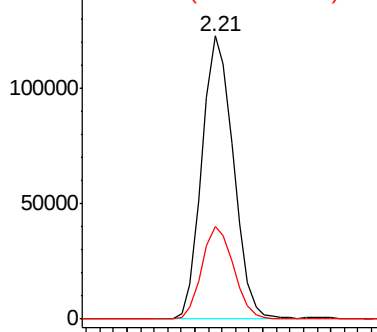
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 132.298 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007185.D

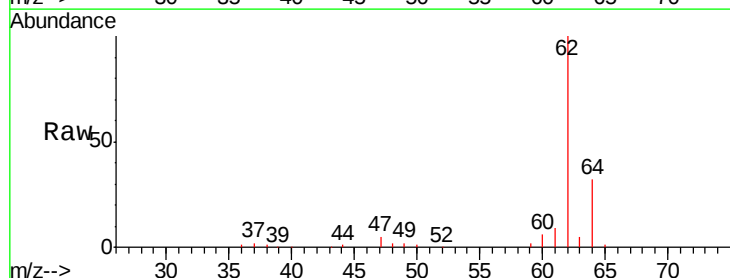
Acq: 04 Dec 2018 13:45

Tgt Ion: 62 Resp: 127729

Ion Ratio Lower Upper

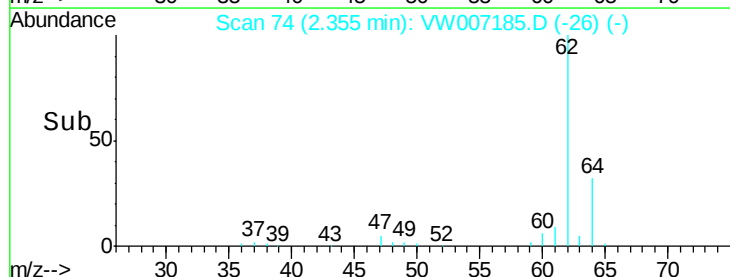
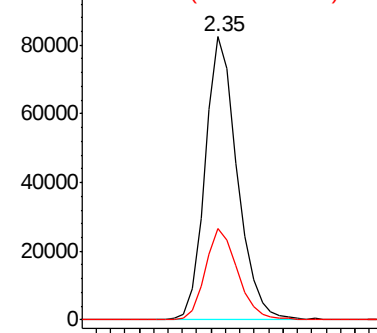
62 100

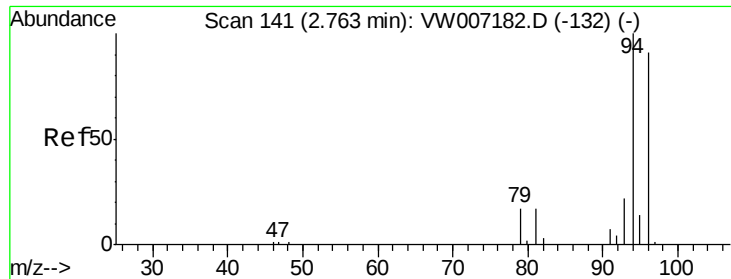
64 32.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 139.011 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.03 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 94 Resp: 67253

Ion Ratio Lower Upper

94 100

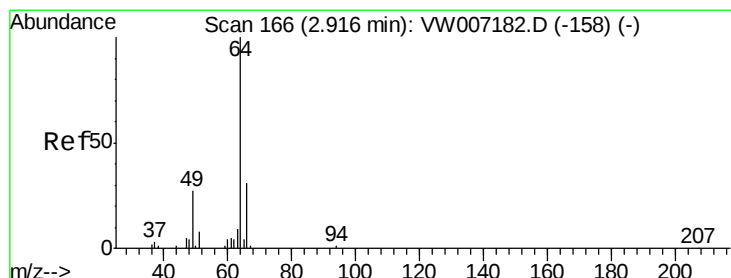
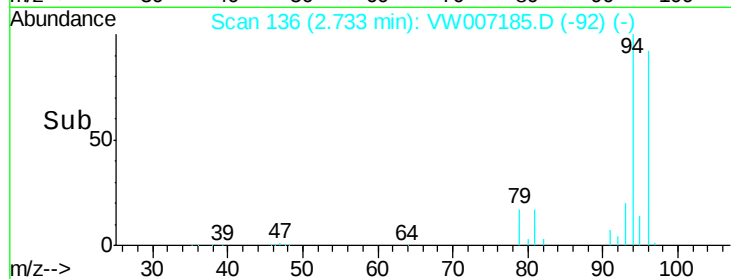
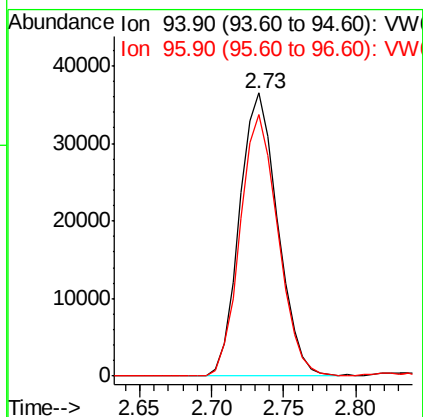
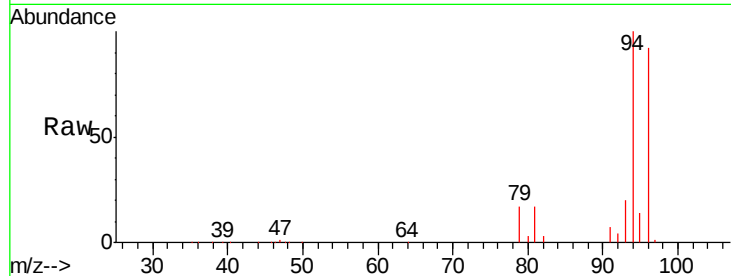
96 92.4 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 134.358 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW007185.D

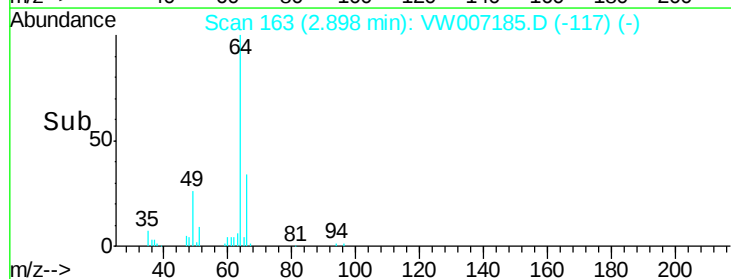
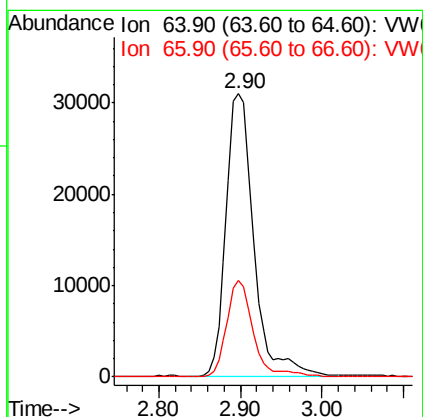
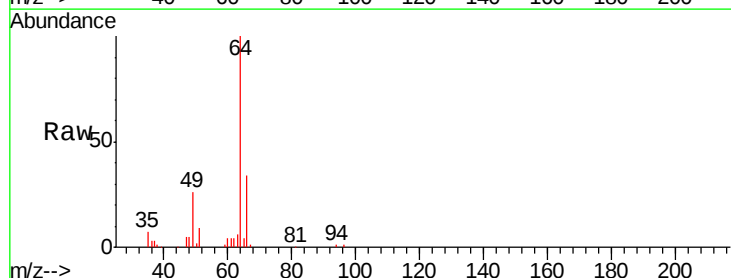
Acq: 04 Dec 2018 13:45

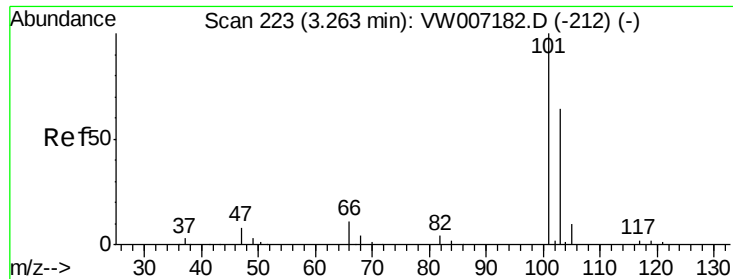
Tgt Ion: 64 Resp: 72783

Ion Ratio Lower Upper

64 100

66 34.0 25.0 37.6





#7

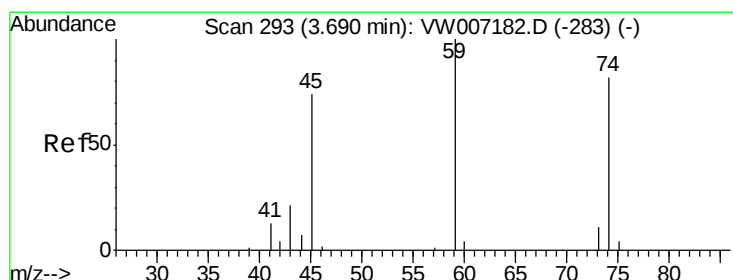
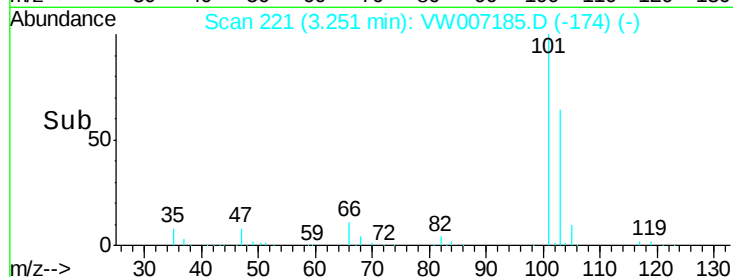
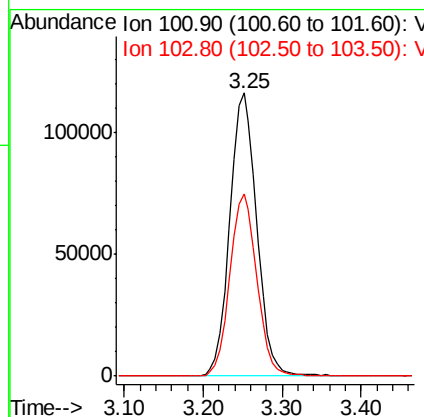
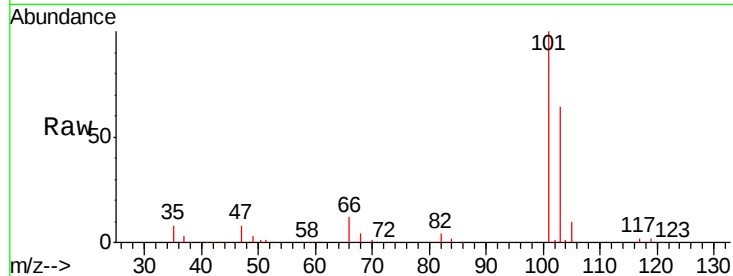
Trichlorofluoromethane
Concen: 146.390 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

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ClientSampleId :
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Tgt Ion: 101 Resp: 275551
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3

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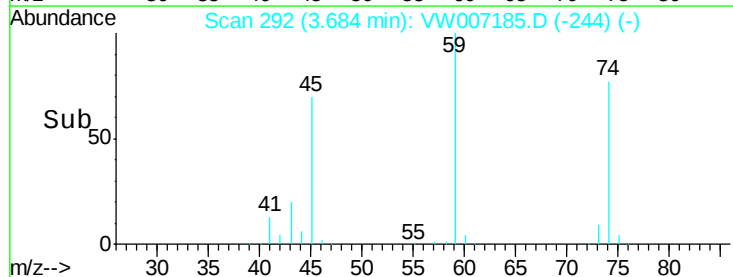
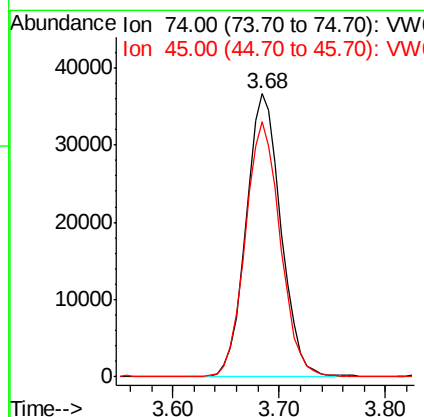
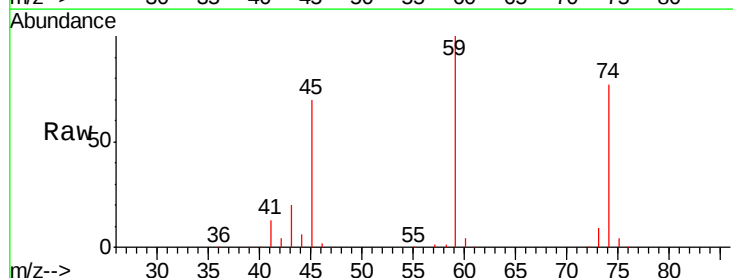
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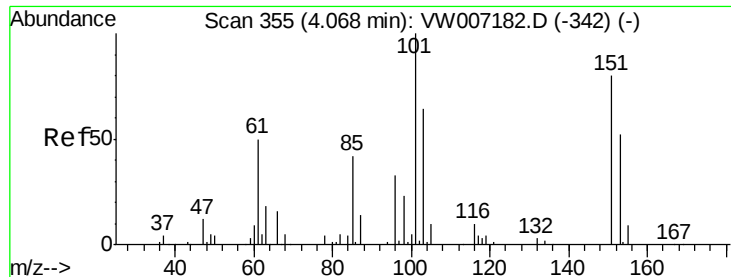


#8

Diethyl Ether
Concen: 160.144 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 74 Resp: 84024
Ion Ratio Lower Upper
74 100
45 90.9 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.799 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

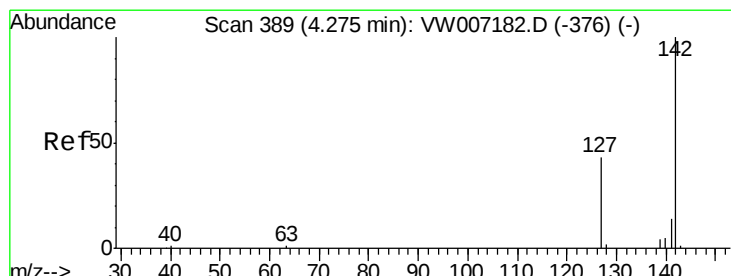
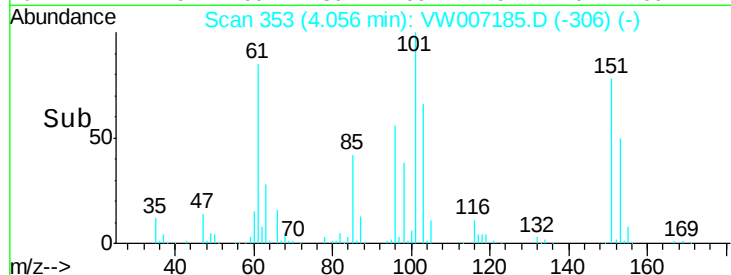
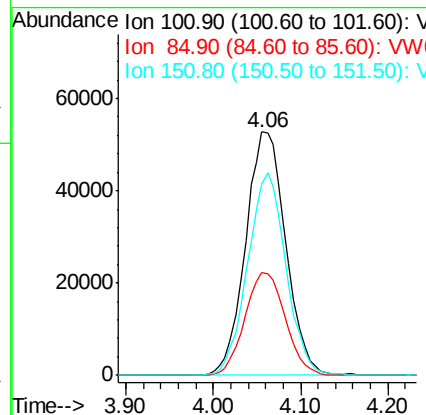
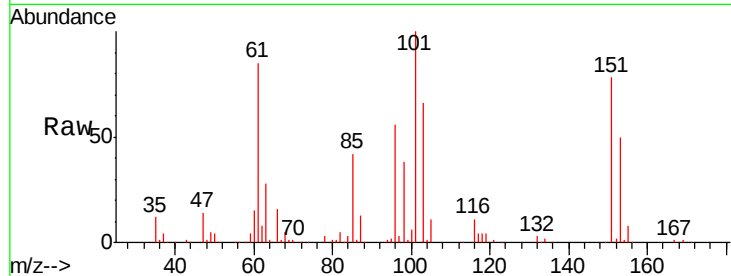
ClientSampleId :

VSTDIC150

Tgt Ion:	101	Resp:	168058
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.4	50.2
151	79.7	63.9	95.9

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#10

Methyl Iodide

Concen: 176.335 ug/l

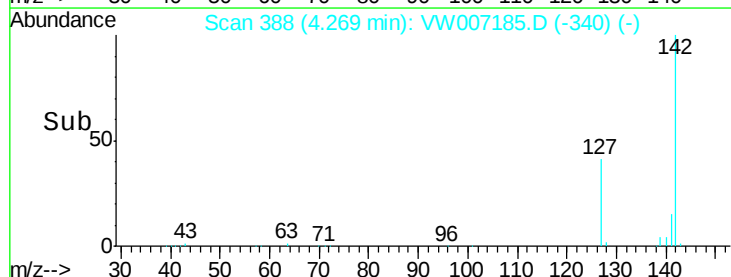
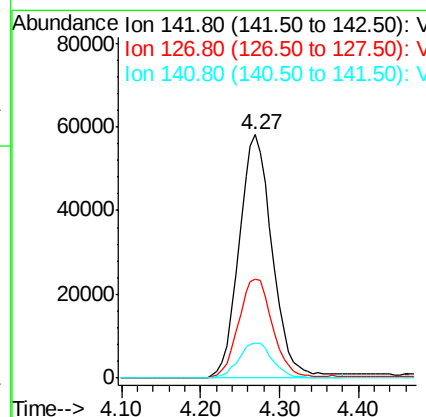
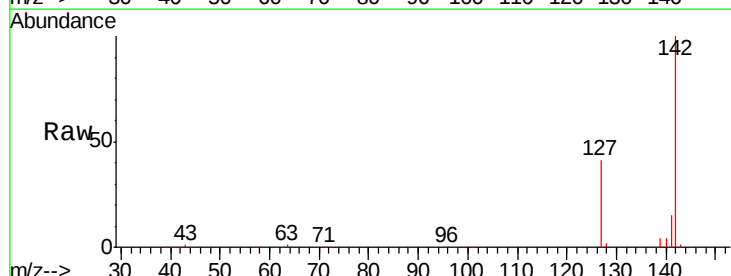
RT: 4.27 min Scan# 388

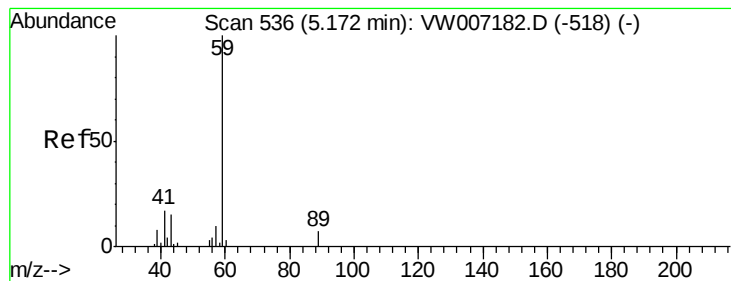
Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	142	Resp:	170804
Ion Ratio	Lower	Upper	
142	100		
127	41.9	34.9	52.3
141	14.9	11.7	17.5





#11

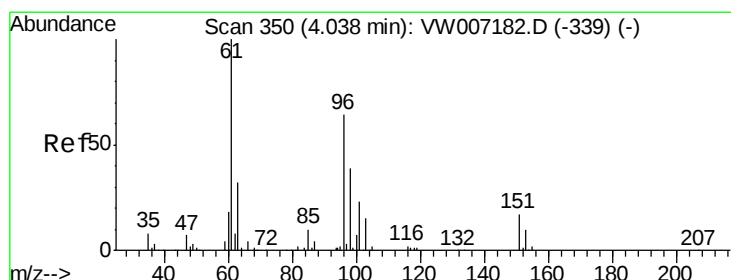
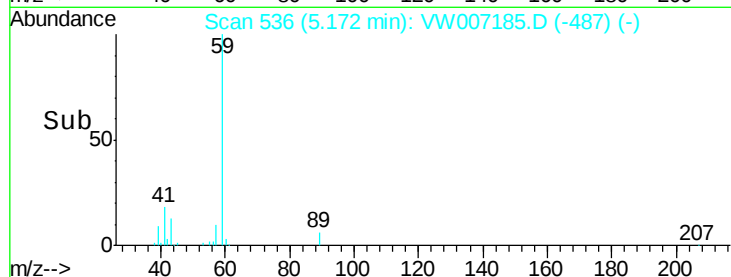
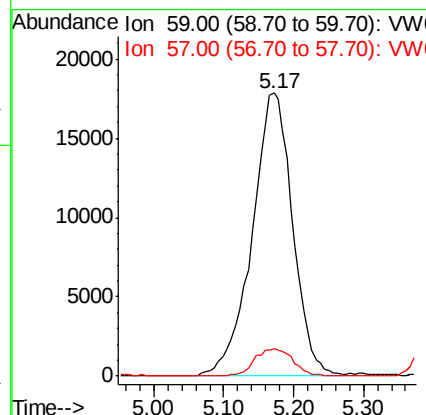
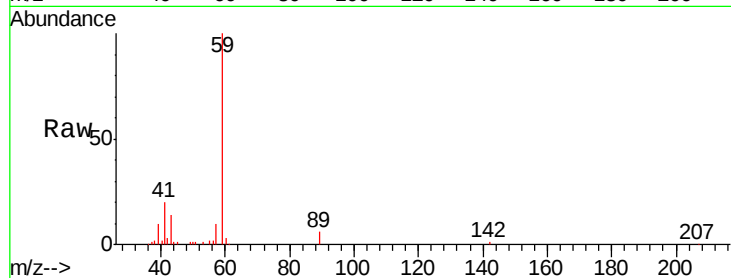
Tert butyl alcohol
Concen: 595.883 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.1	10.7

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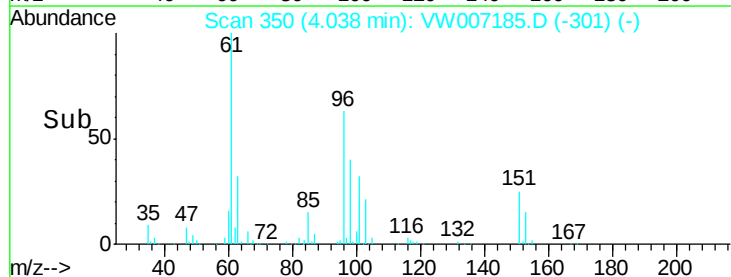
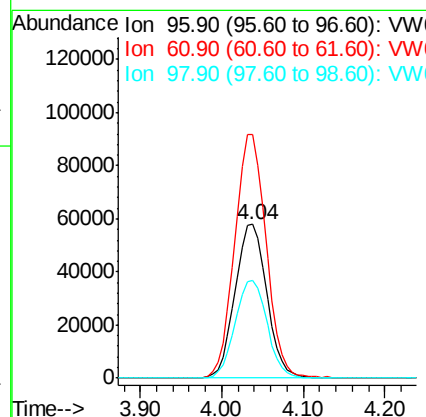
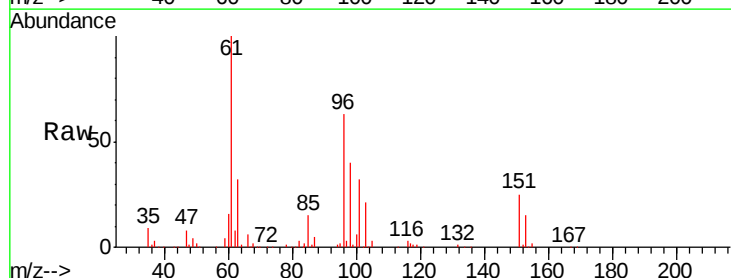
apatel
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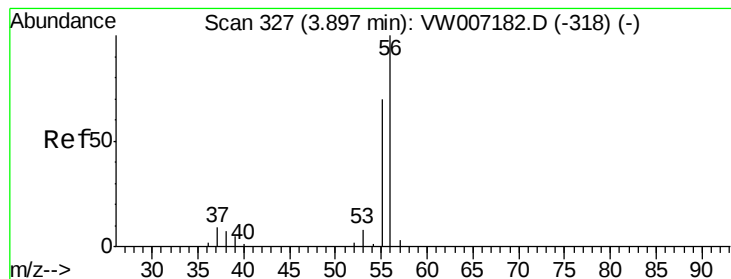


#12

1,1-Dichloroethene
Concen: 146.719 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.5	124.1	186.1
98	63.4	48.6	72.8





#13

Acrolein

Concen: 805.526 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 58485

Ion Ratio Lower Upper

56 100

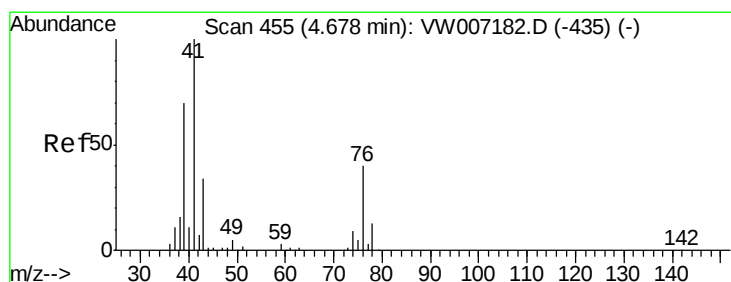
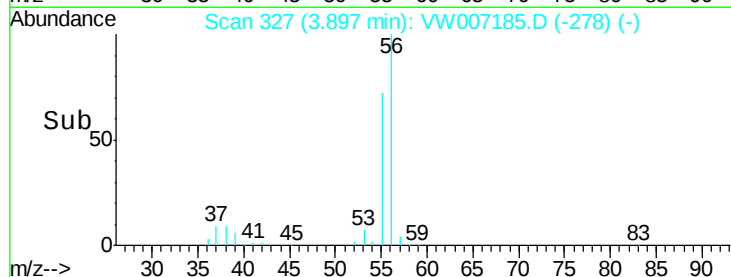
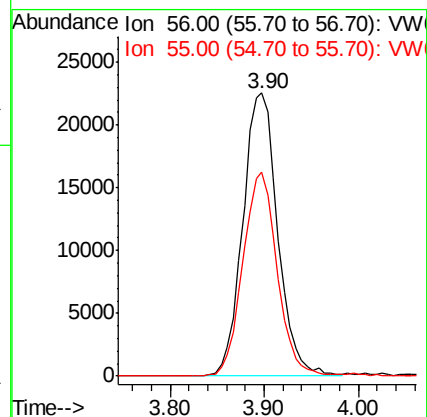
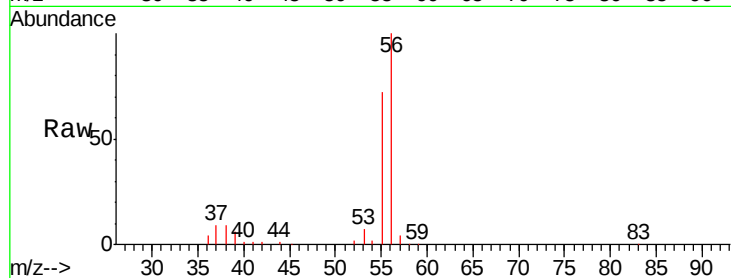
55 70.7 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 148.916 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

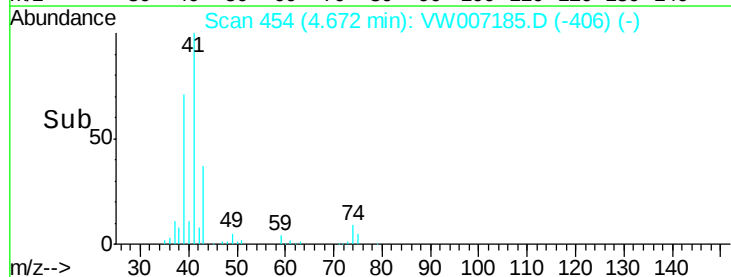
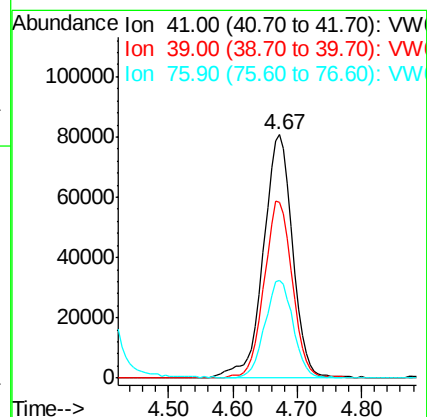
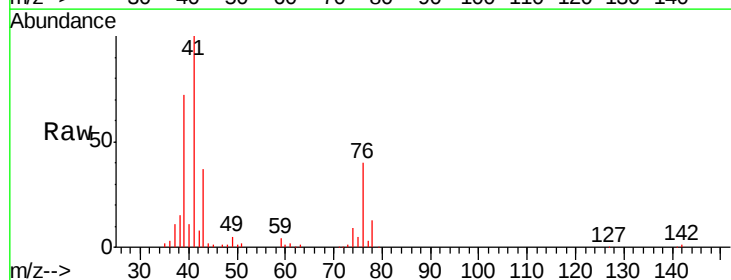
Tgt Ion: 41 Resp: 254356

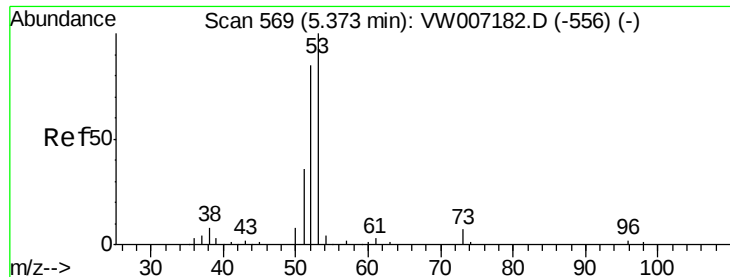
Ion Ratio Lower Upper

41 100

39 70.8 55.9 83.9

76 37.9 30.8 46.2





#15

Acrylonitrile

Concen: 792.573 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

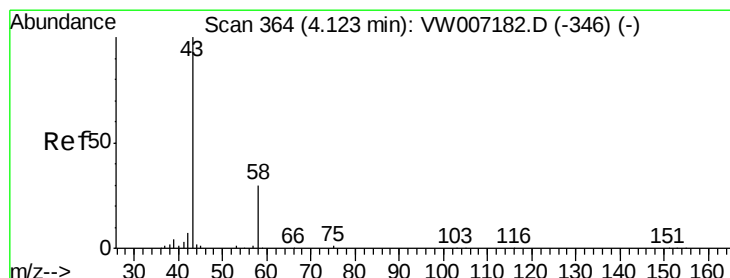
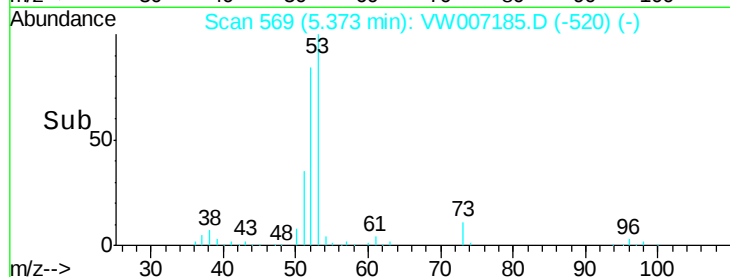
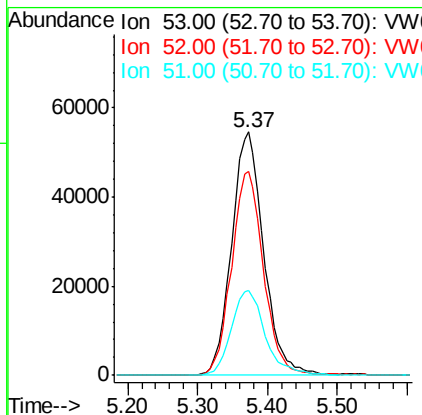
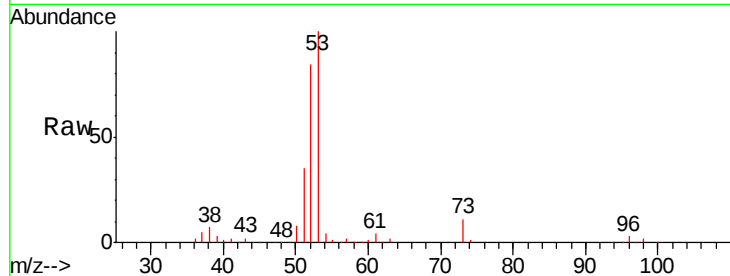
ClientSampleId :

VSTDIC150

Tgt Ion:	53	Resp:	173844
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.1	99.1
51	37.0	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 762.743 ug/l

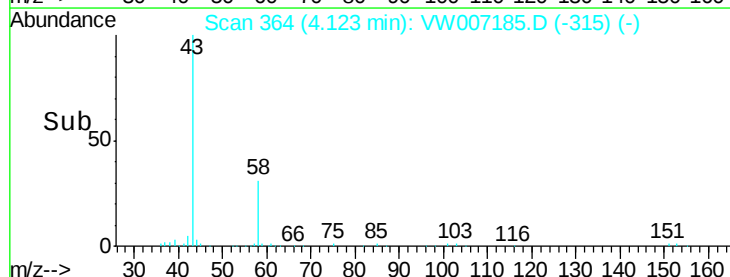
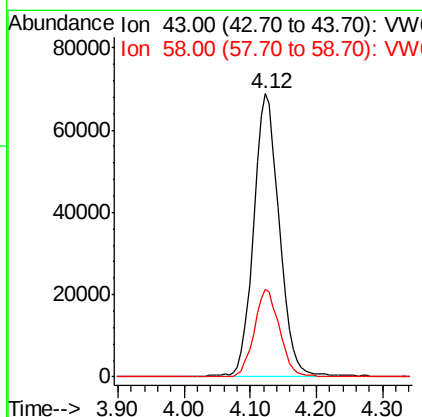
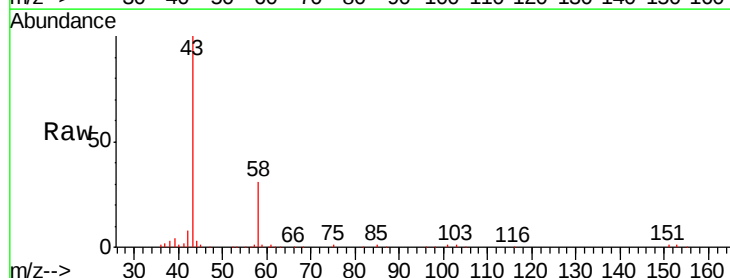
RT: 4.12 min Scan# 364

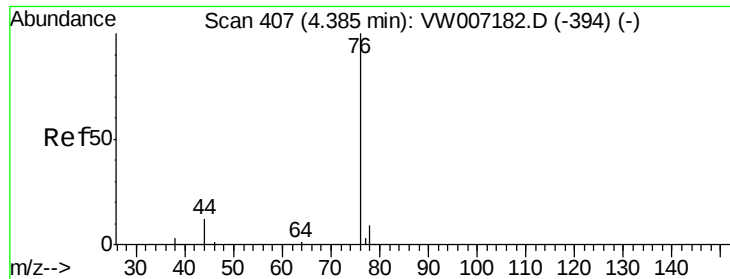
Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	43	Resp:	187101
Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.8	35.8





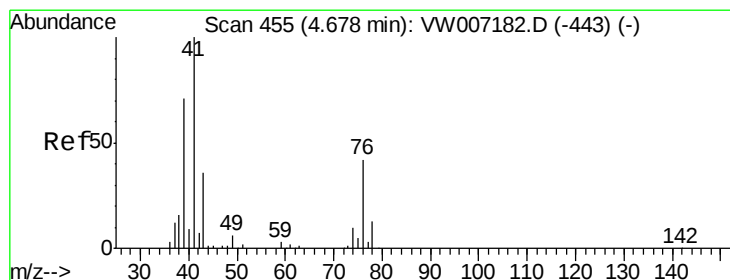
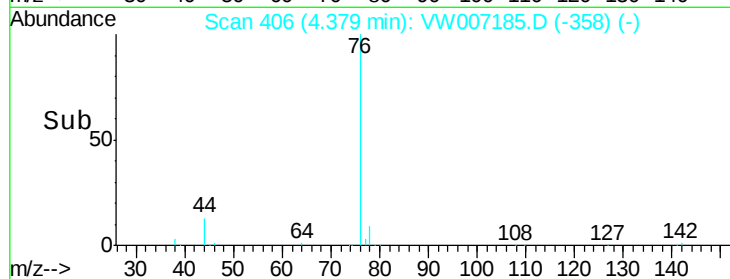
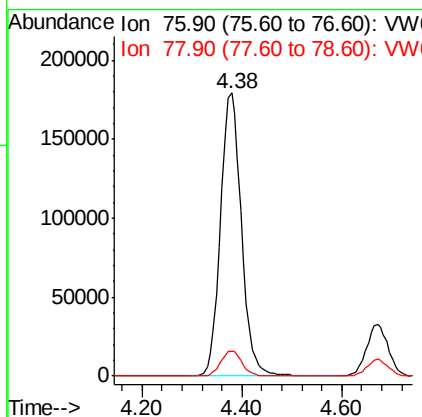
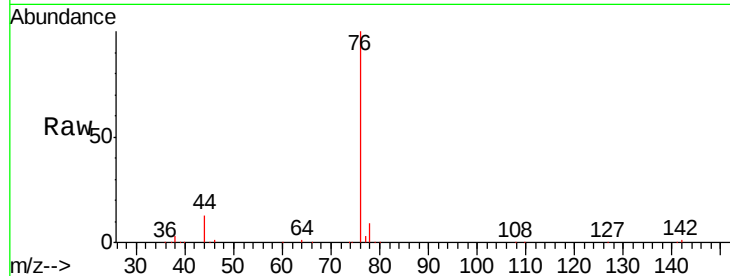
#17
Carbon Disulfide
Concen: 148.774 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 522572
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

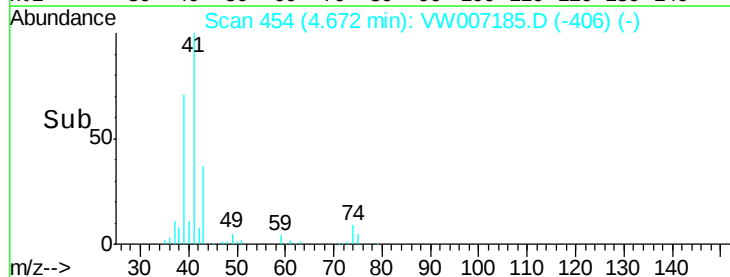
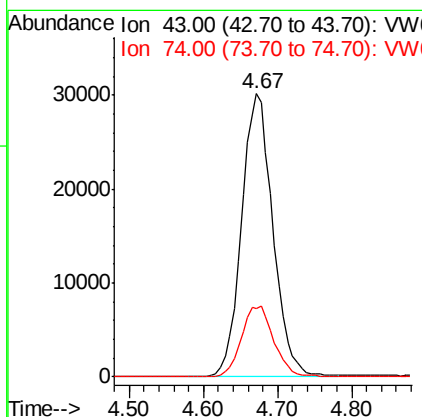
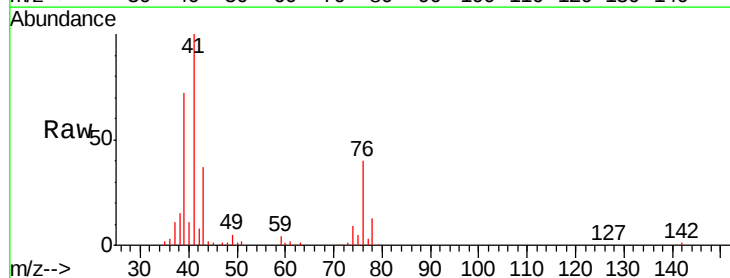
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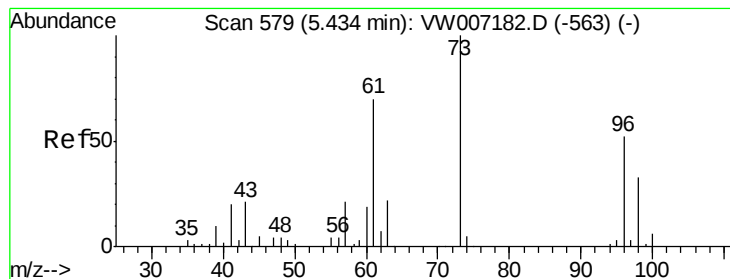
apatel
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#18
Methyl Acetate
Concen: 159.328 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 43 Resp: 89211
Ion Ratio Lower Upper
43 100
74 25.7 20.1 30.1





#19

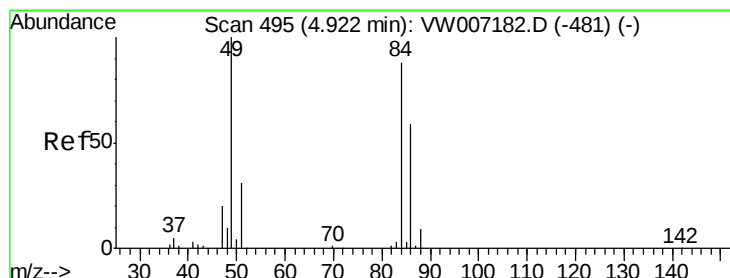
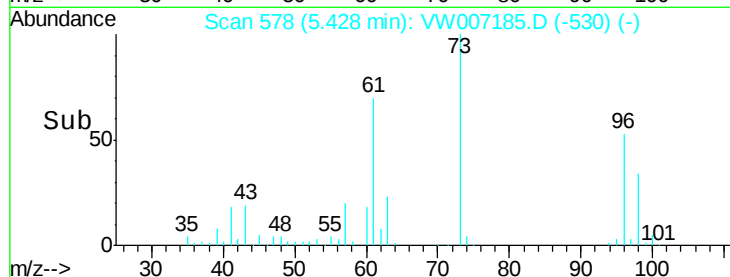
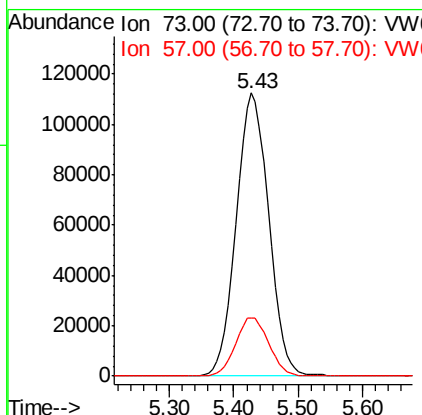
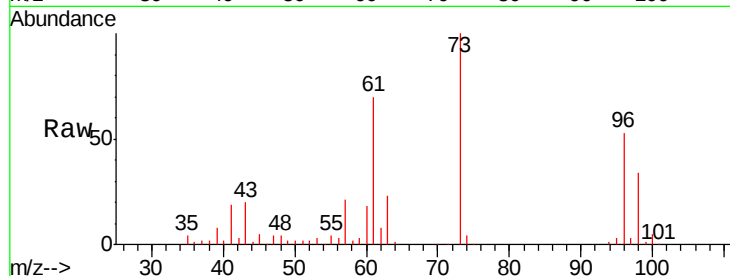
Methyl tert-butyl Ether
 Concen: 156.539 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.5	16.6	25.0

Manual Integrations
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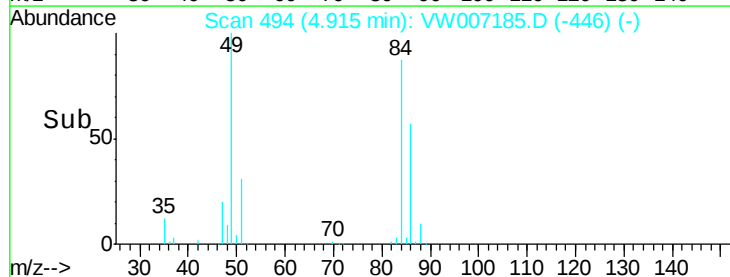
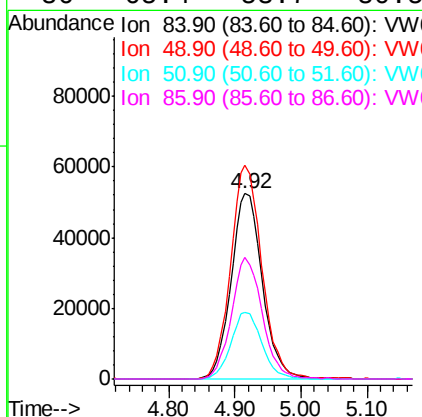
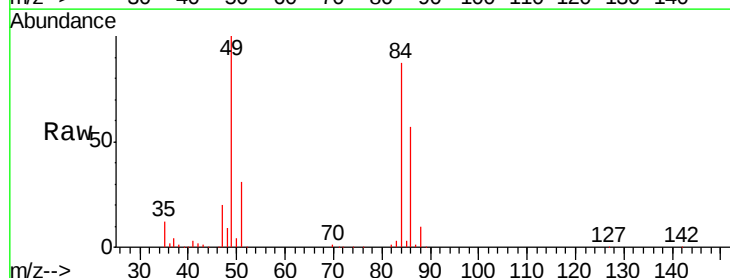
apatel
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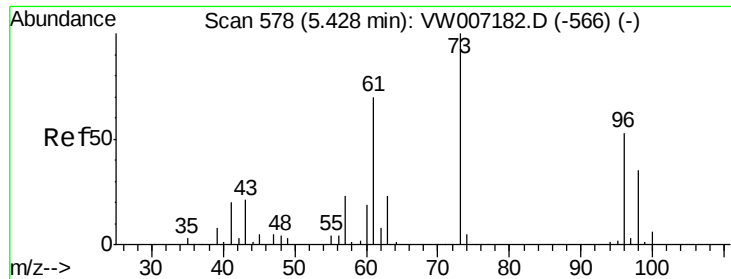


#20

Methylene Chloride
 Concen: 118.105 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.2	90.6	135.8
51	35.9	27.6	41.4
86	65.4	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 149.487 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

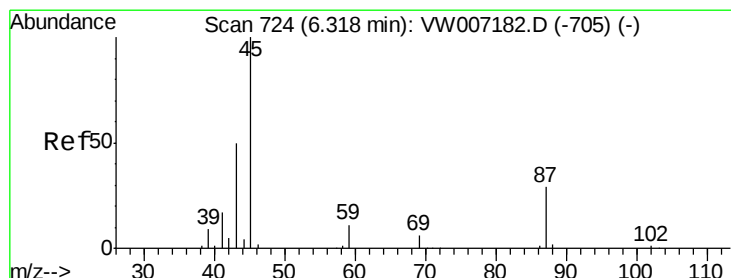
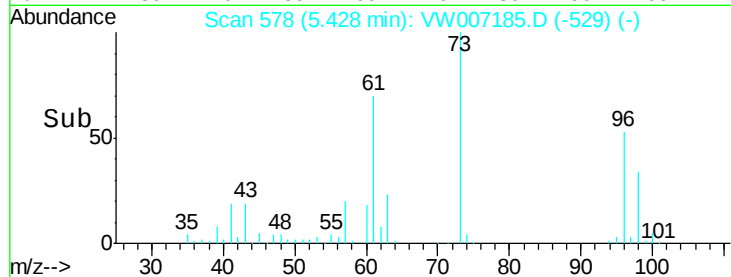
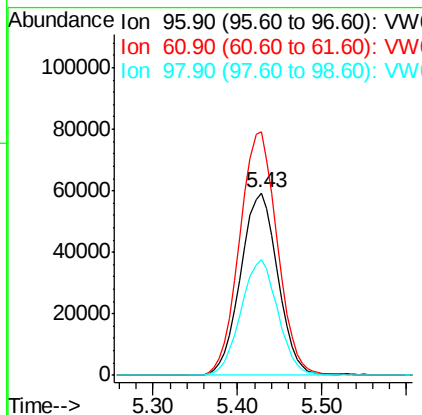
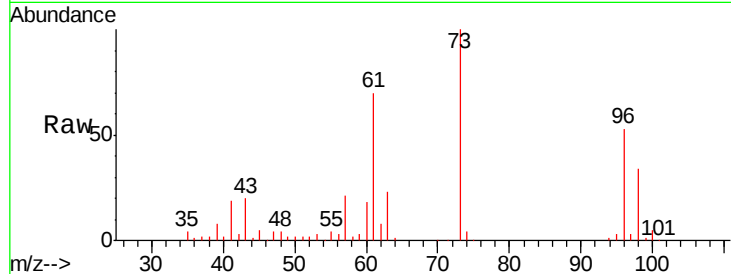
ClientSampled :

VSTDIC150

Tgt Ion:	96	Resp:	177866
Ion	Ratio	Lower	Upper
96	100		
61	133.7	105.5	158.3
98	63.7	52.6	79.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 146.257 ug/l

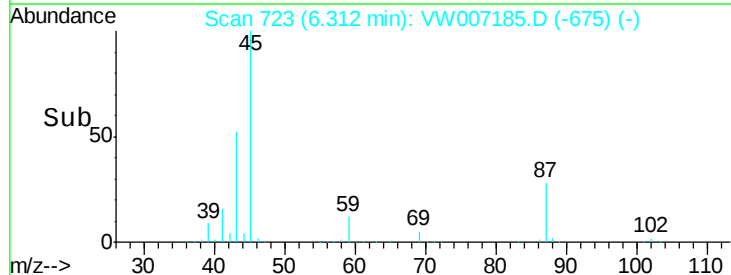
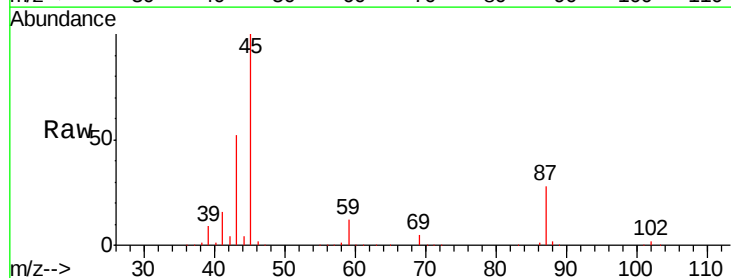
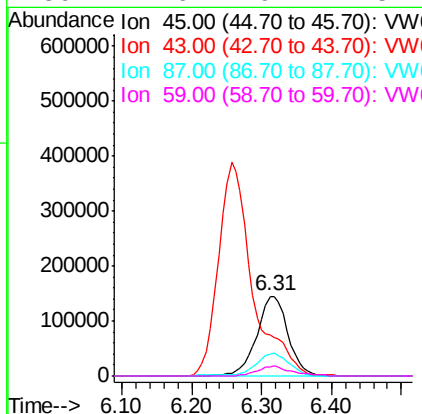
RT: 6.31 min Scan# 723

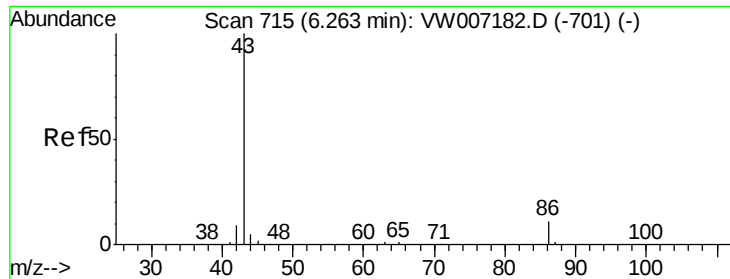
Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	45	Resp:	448459
Ion	Ratio	Lower	Upper
45	100		
43	50.8	40.8	61.2
87	27.5	24.0	36.0
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 785.077 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tgt Ion: 43 Resp: 1313496

Ion Ratio Lower Upper

43 100

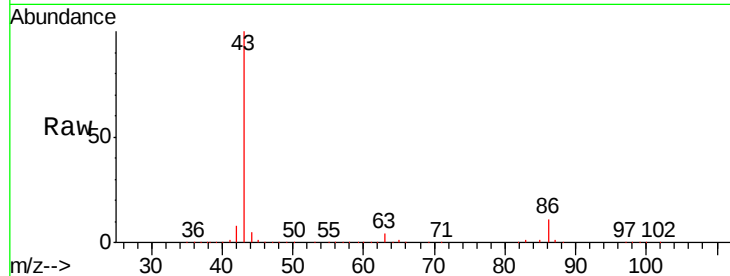
86 11.0 9.0 13.6

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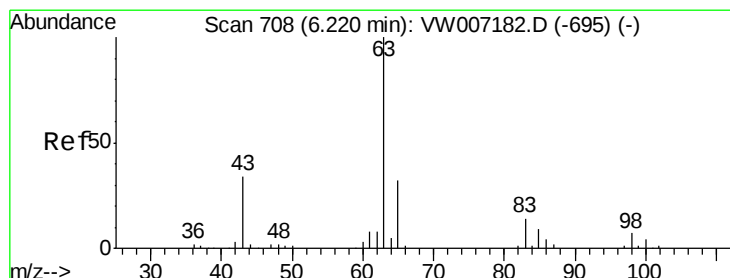
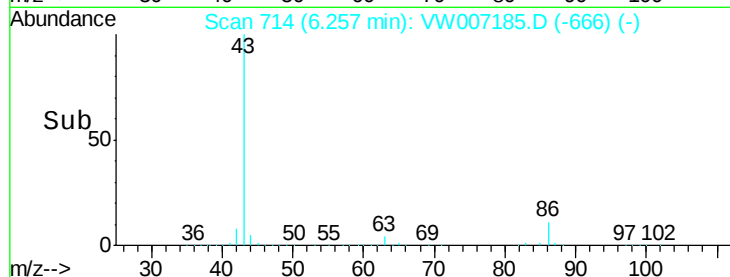
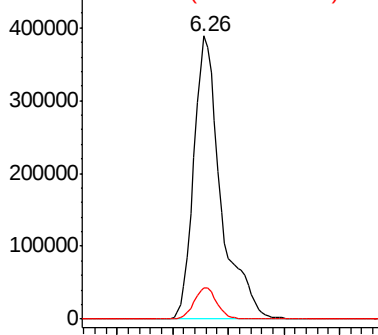
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 152.582 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

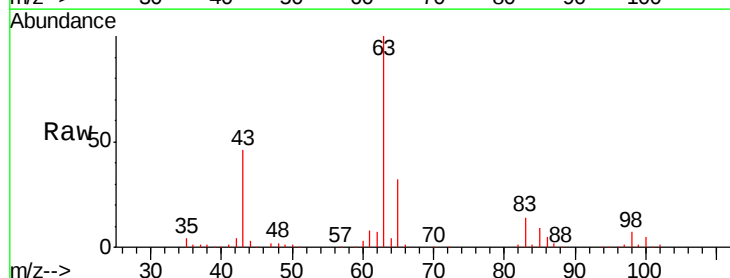
Tgt Ion: 63 Resp: 299865

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

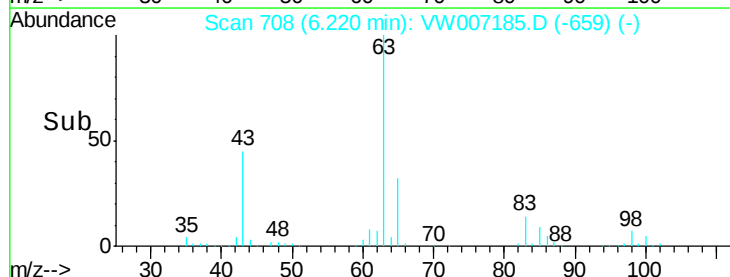
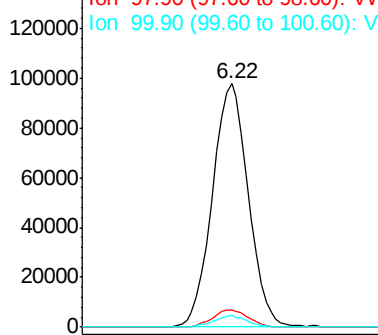
100 4.7 2.1 6.2

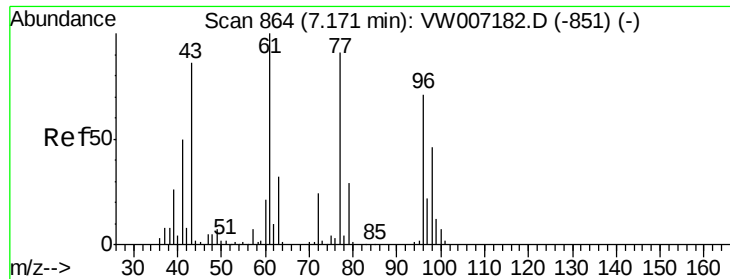


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





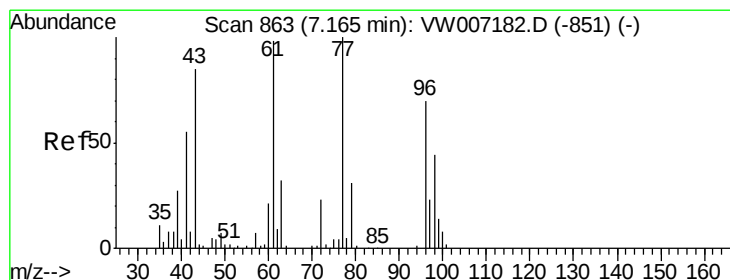
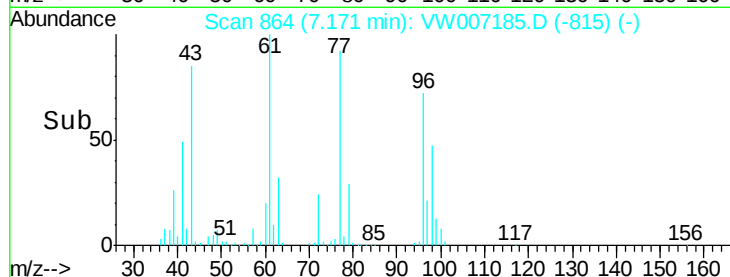
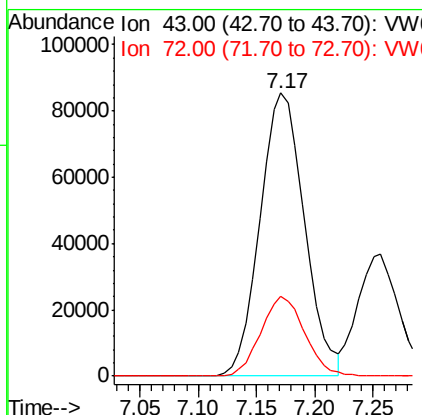
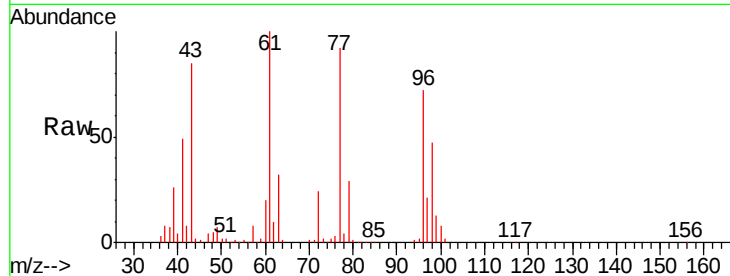
#25
2-Butanone
Concen: 797.970 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 226905
Ion Ratio Lower Upper
43 100
72 28.2 22.8 34.2

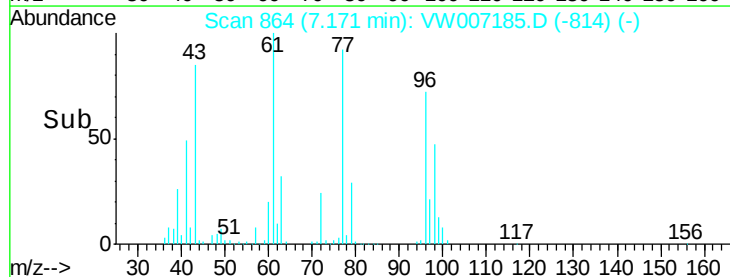
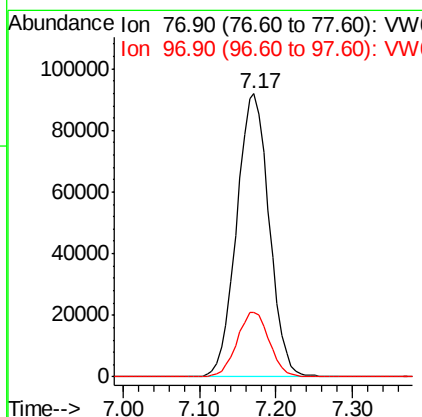
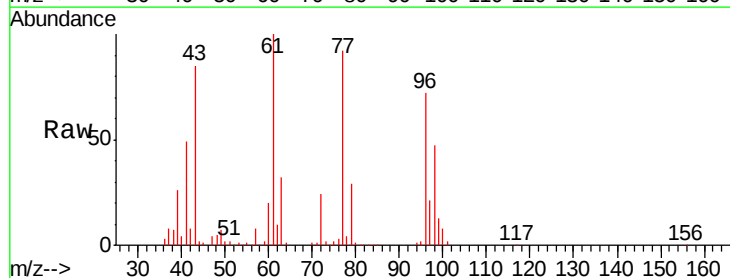
Manual Integrations
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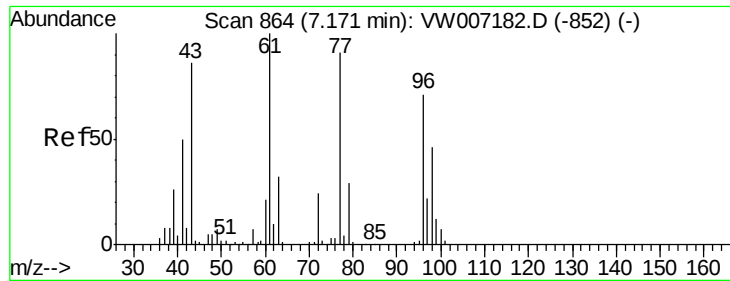
apatel
12/5/2018 12:43:47 PM



#26
2,2-Dichloropropane
Concen: 143.753 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 77 Resp: 271491
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.4





#27

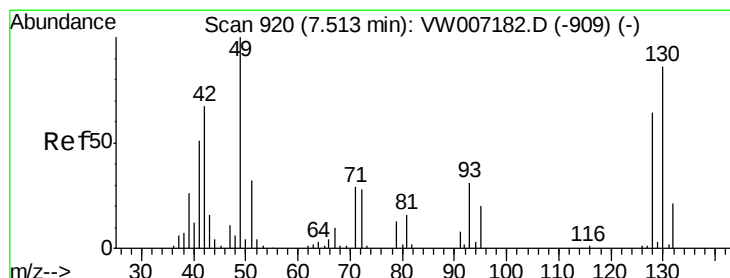
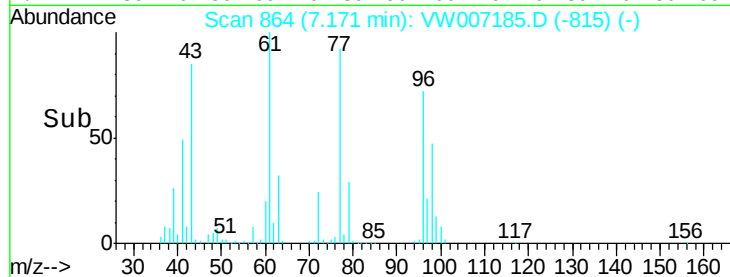
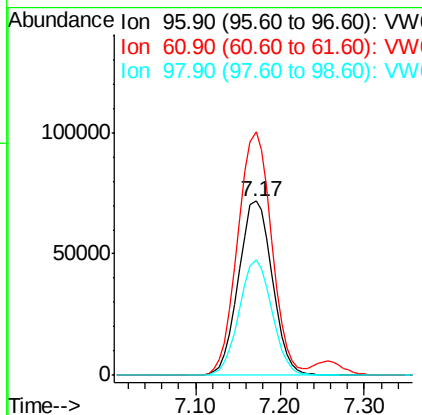
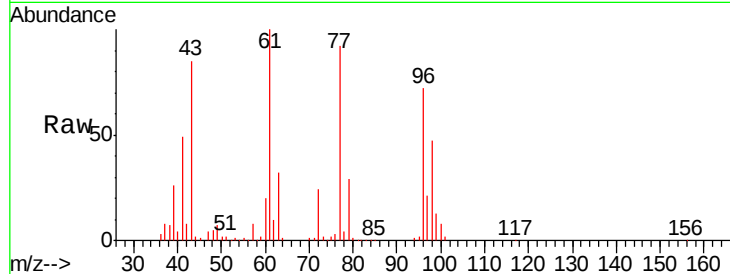
cis-1,2-Dichloroethene
Concen: 152.629 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	194679		
61	140.2	0.0	282.4	
98	64.5	0.0	129.8	

Manual Integrations
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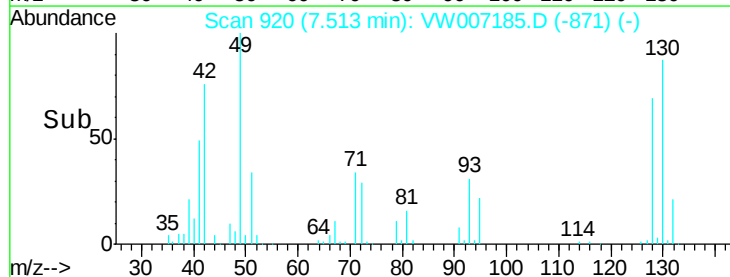
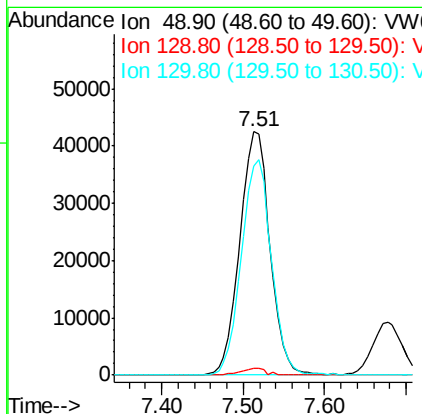
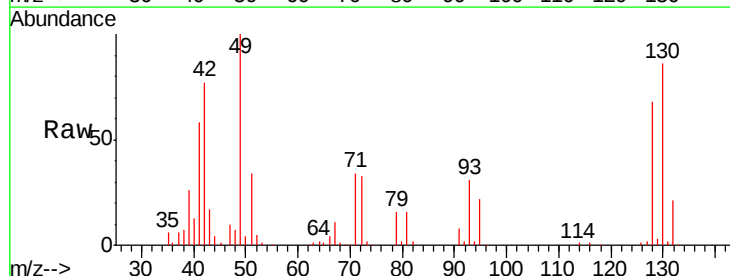
apatel
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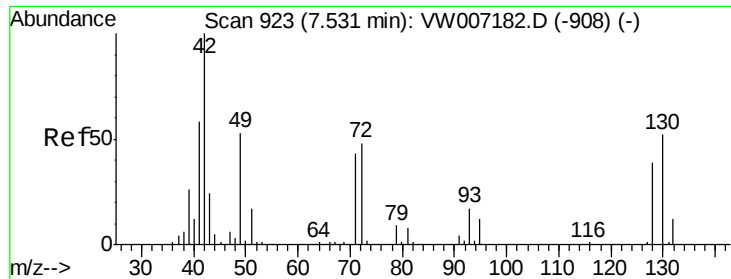


#28

Bromochloromethane
Concen: 154.290 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	109336		
129	2.3	0.0	3.8	
130	88.2	70.3	105.5	





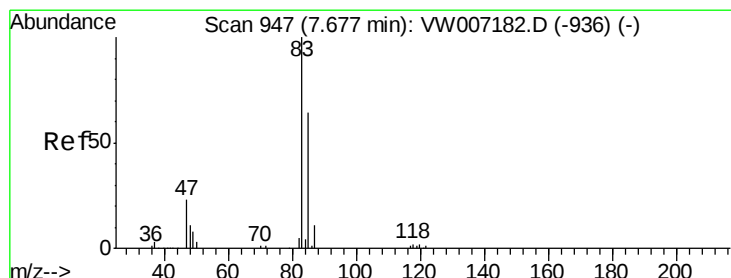
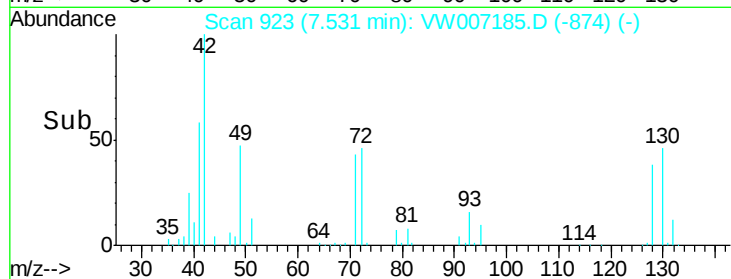
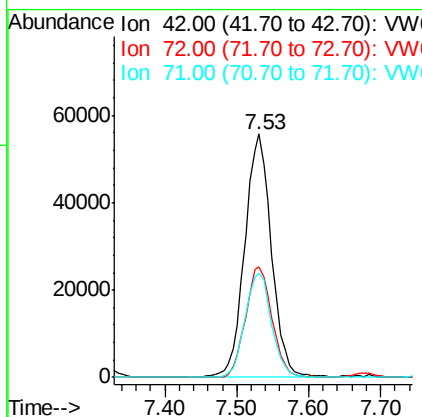
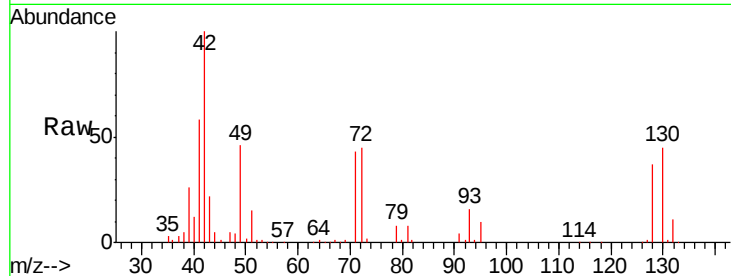
#29
Tetrahydrofuran
Concen: 814.136 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	36.6	55.0
71	42.8	34.8	52.2

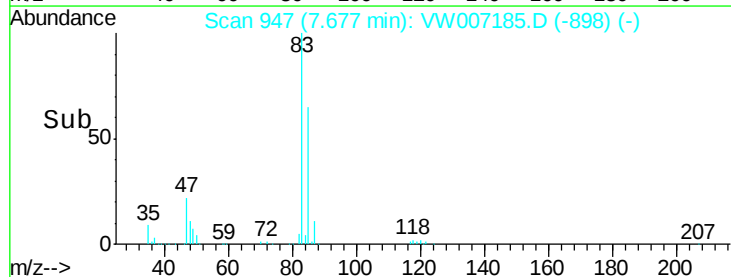
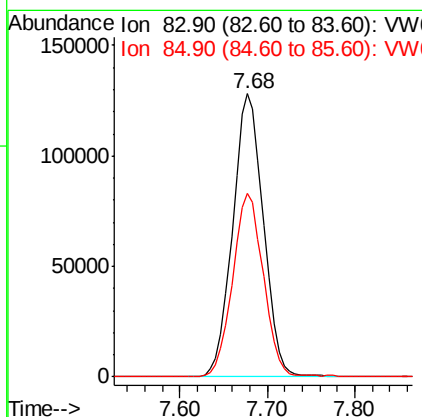
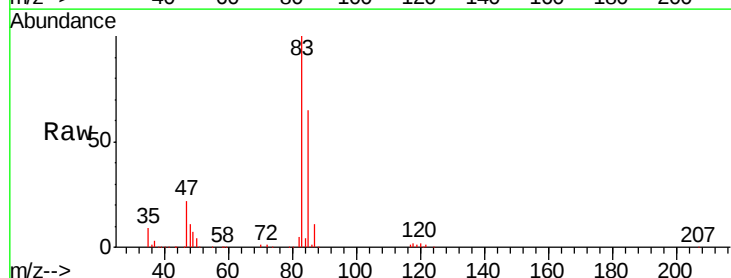
Manual Integrations
APPROVED

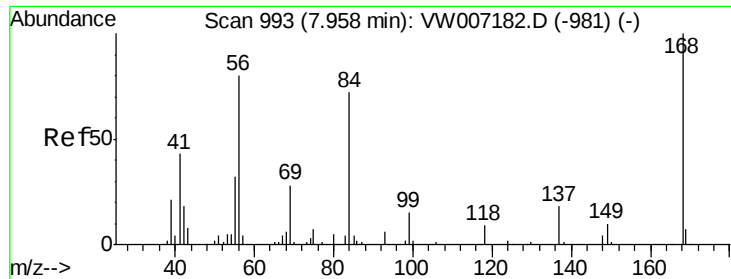
apatel
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#30
Chloroform
Concen: 152.744 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.5	77.3





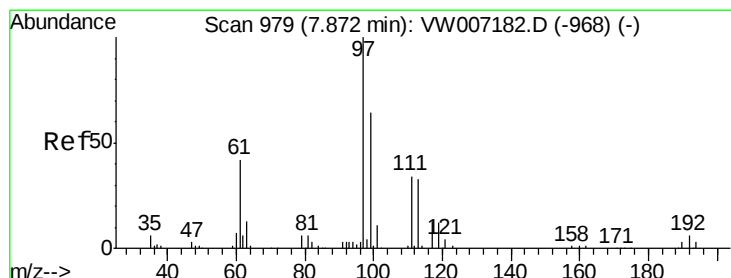
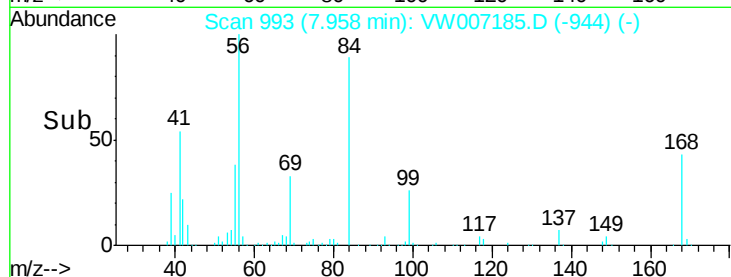
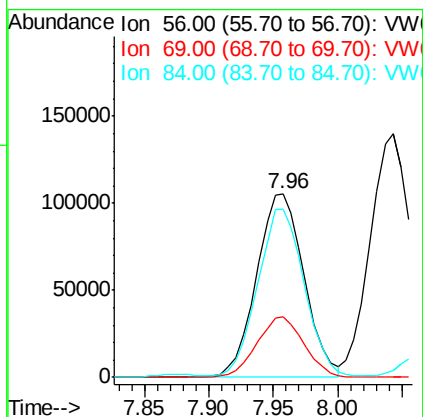
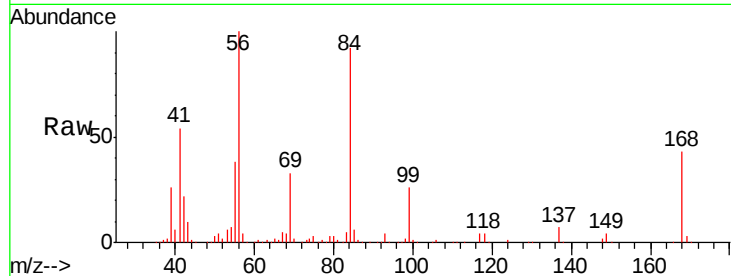
#31
Cyclohexane
Concen: 130.522 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.8	28.2	42.2
84	90.4	72.1	108.1

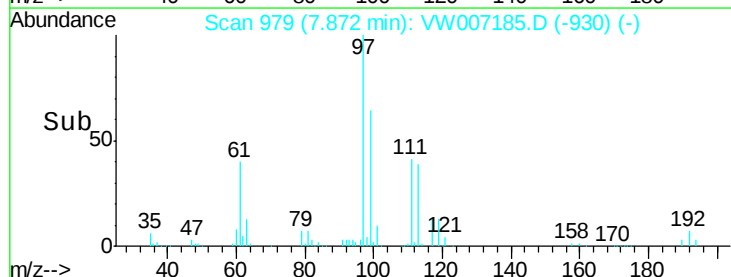
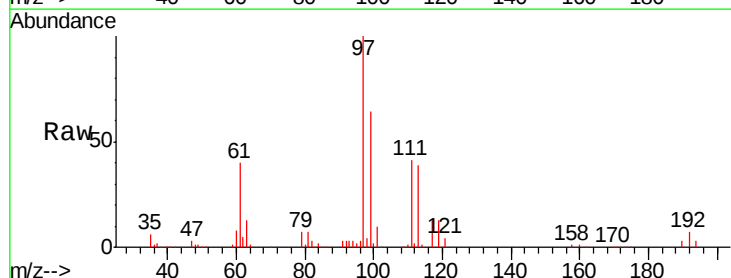
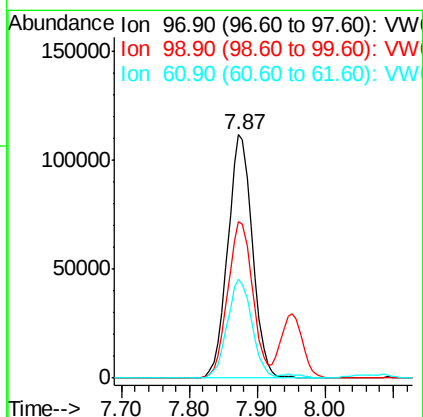
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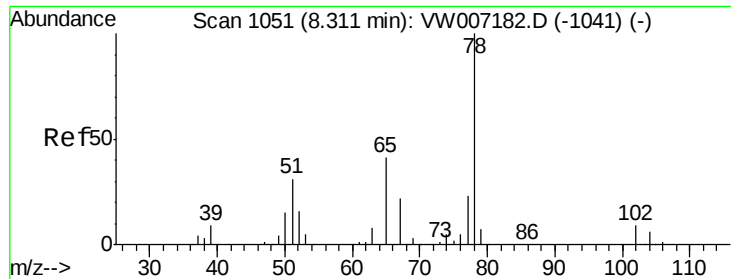
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#32
1,1,1-Trichloroethane
Concen: 145.963 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.3	76.9
61	40.5	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 160.043 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 165834

Ion Ratio Lower Upper

65 100

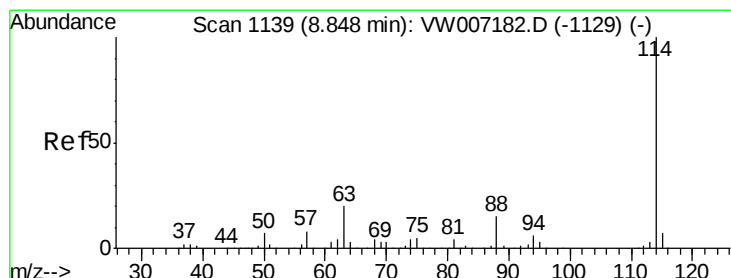
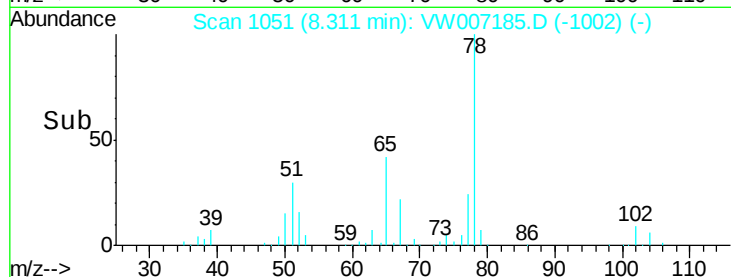
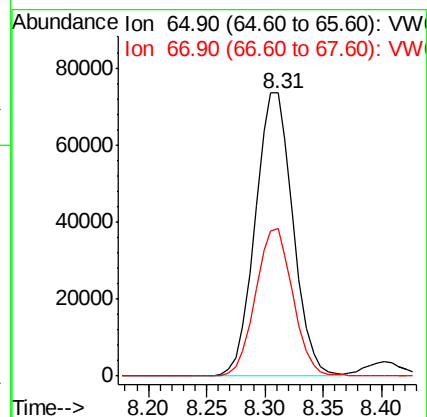
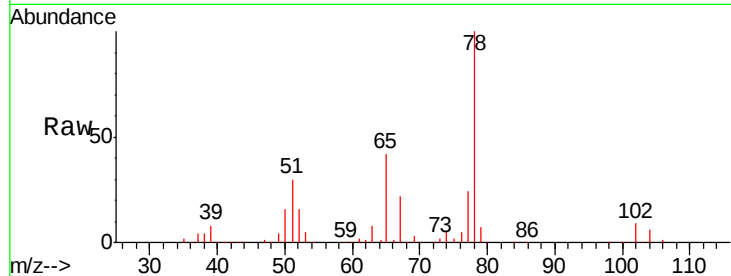
67 51.5 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

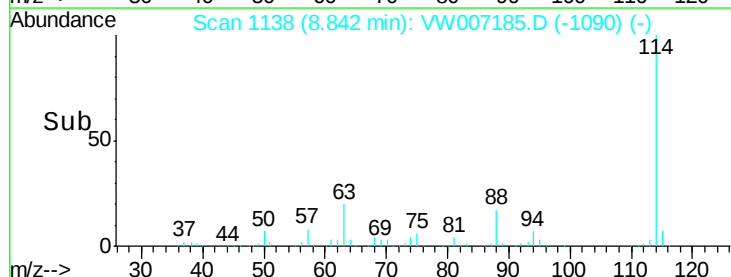
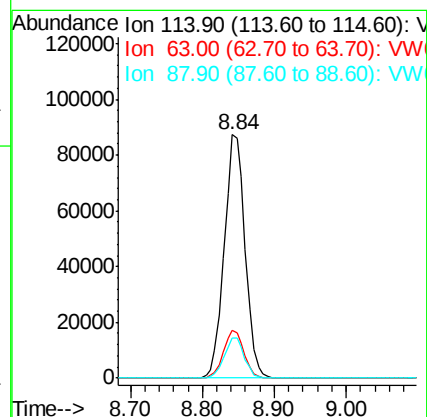
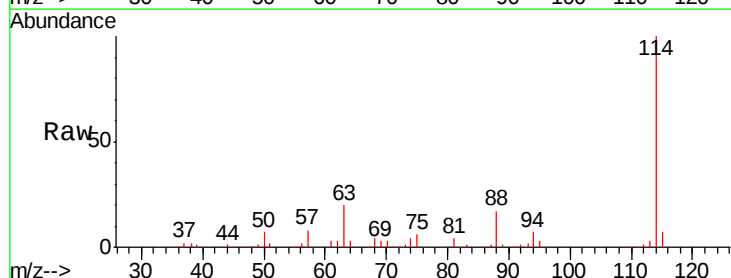
Tgt Ion: 114 Resp: 175655

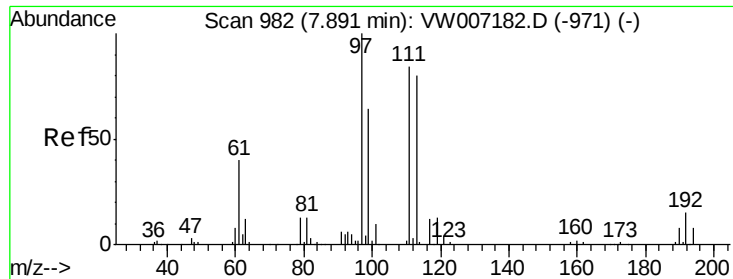
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 16.6 0.0 30.0





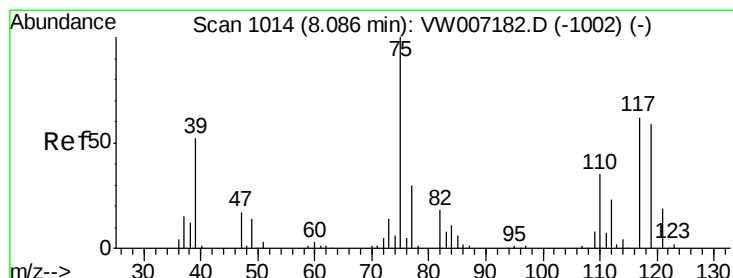
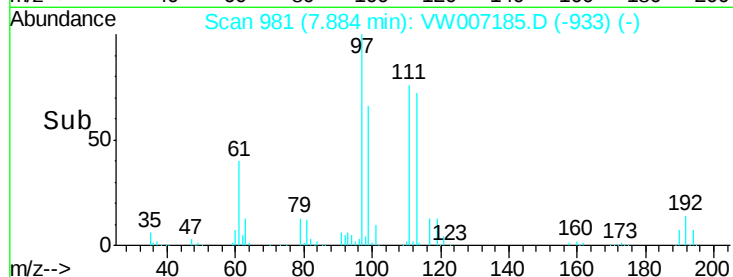
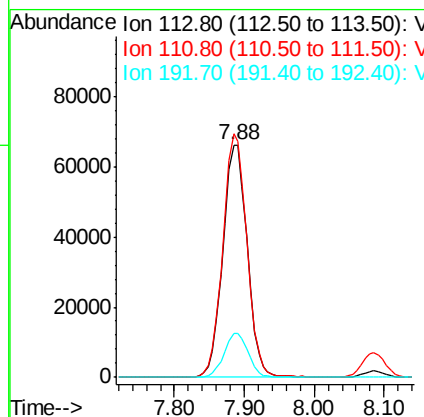
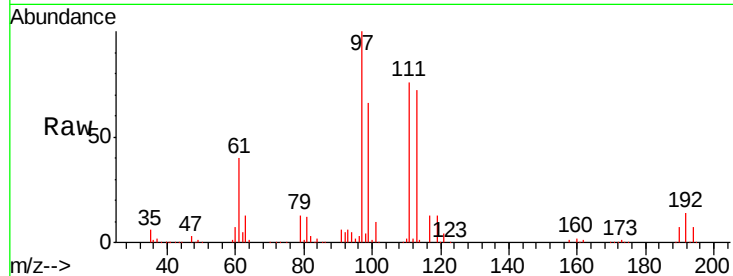
#35
 Dibromofluoromethane
 Concen: 160.366 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	161295		
111	102.9	82.2	123.4	
192	18.6	14.4	21.6	

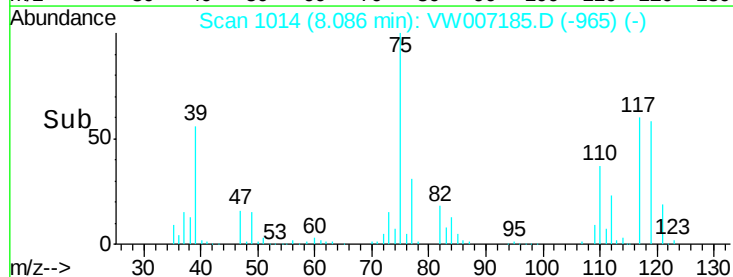
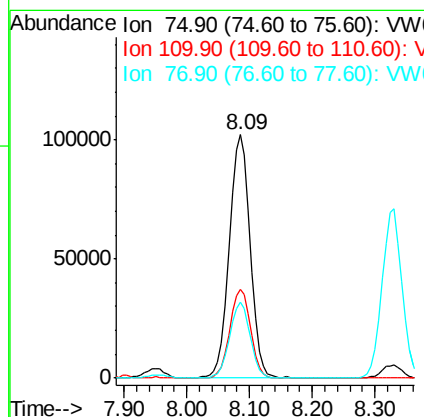
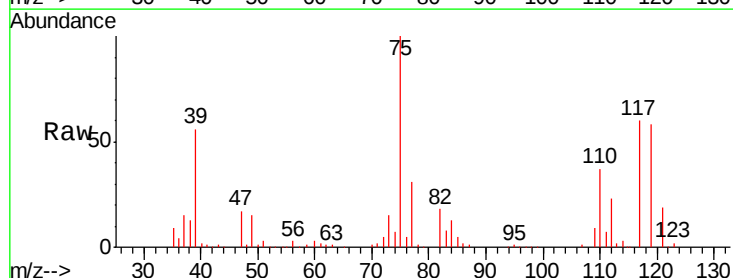
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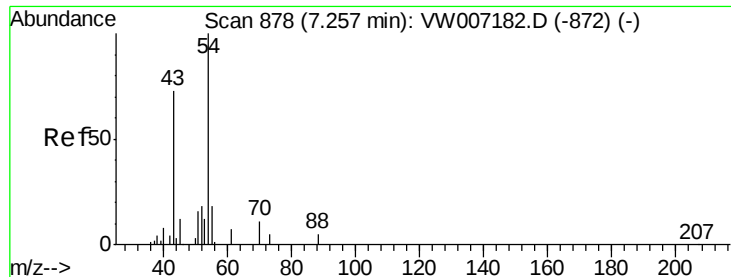
apatel
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#36
 1,1-Dichloropropene
 Concen: 137.487 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	234987		
110	36.6	18.3	54.9	
77	30.9	24.9	37.3	





#37

Ethyl Acetate

Concen: 150.086 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

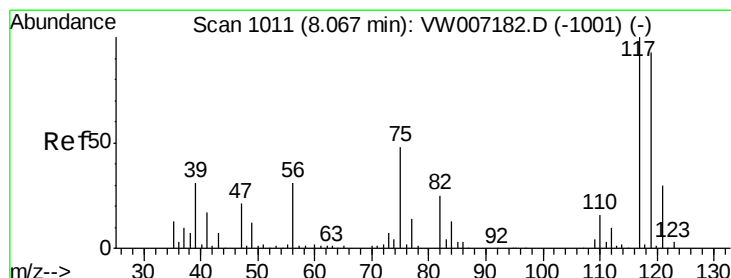
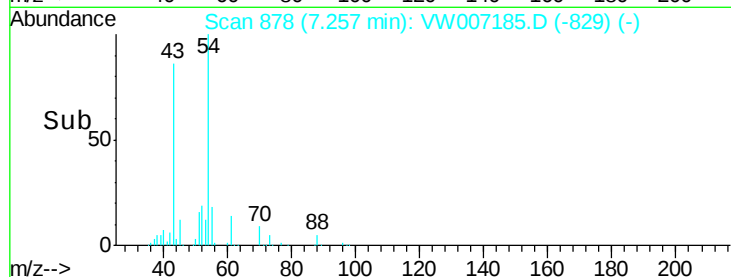
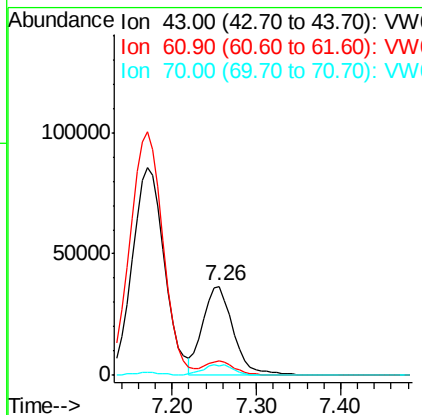
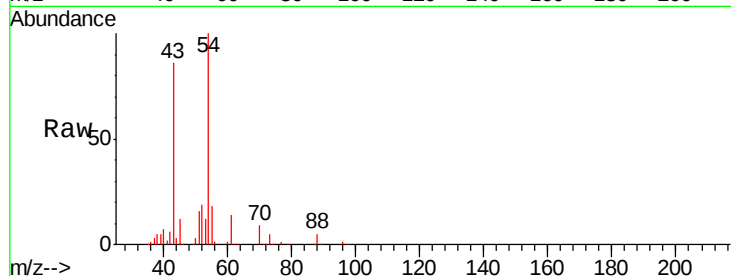
ClientSampleId :

VSTDIC150

Tgt Ion:	43	Resp:	92790
Ion Ratio	Lower	Upper	
43	100		
61	16.1	12.1	18.1
70	12.1	9.1	13.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 140.430 ug/l

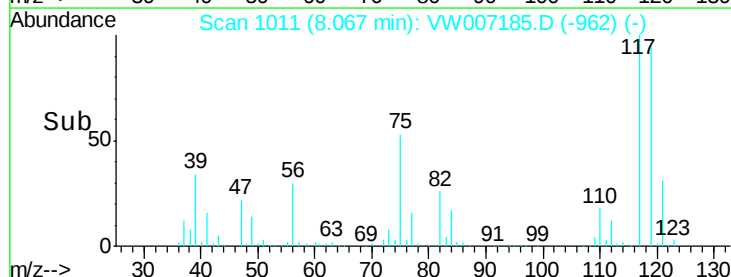
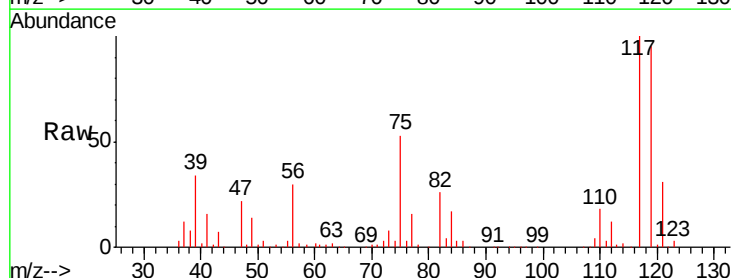
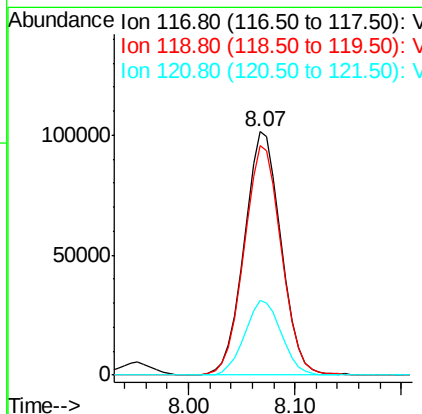
RT: 8.07 min Scan# 1011

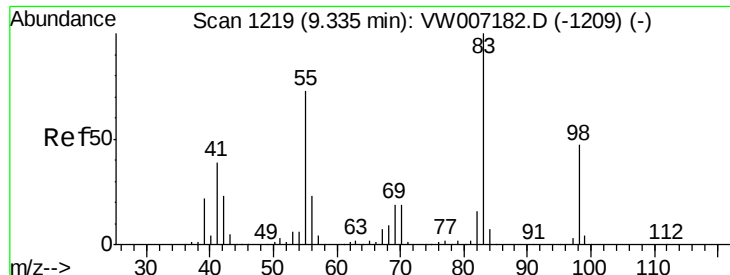
Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	117	Resp:	244977
Ion Ratio	Lower	Upper	
117	100		
119	94.6	74.1	111.1
121	30.9	23.9	35.9





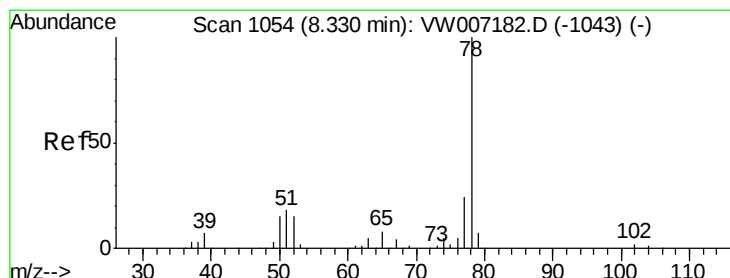
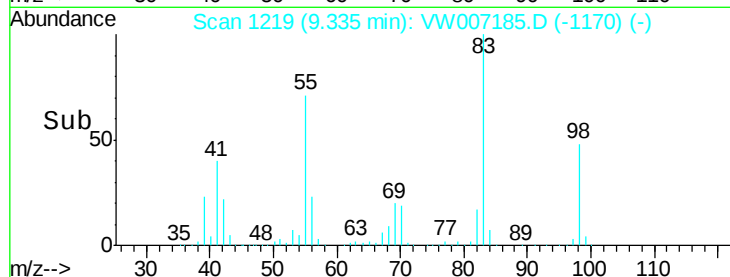
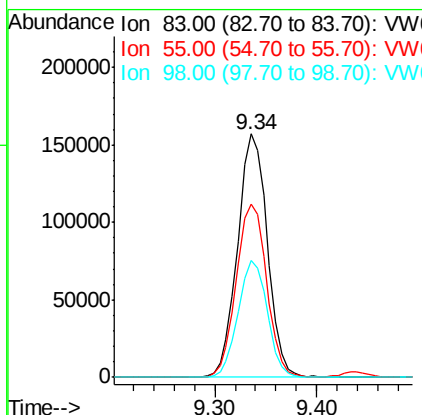
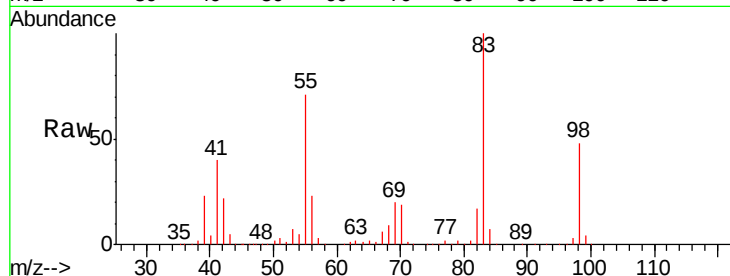
#39
Methylcyclohexane
Concen: 139.040 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	318124		
55	71.0	58.1	87.1	
98	47.9	37.3	55.9	

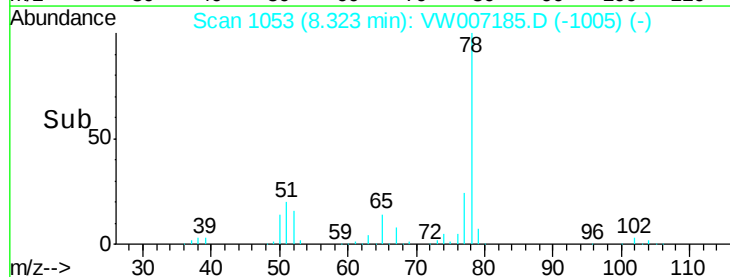
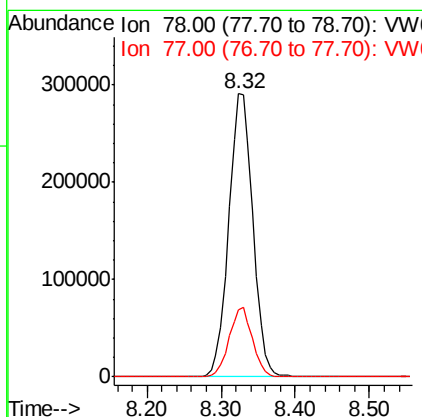
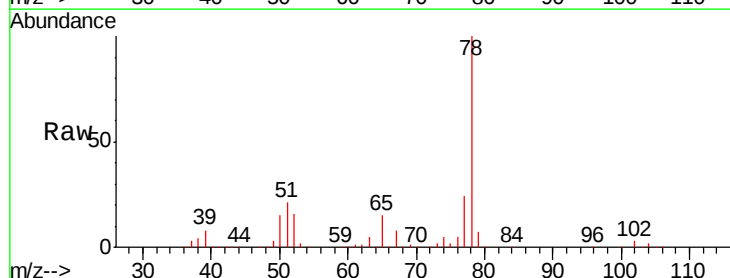
Manual Integrations
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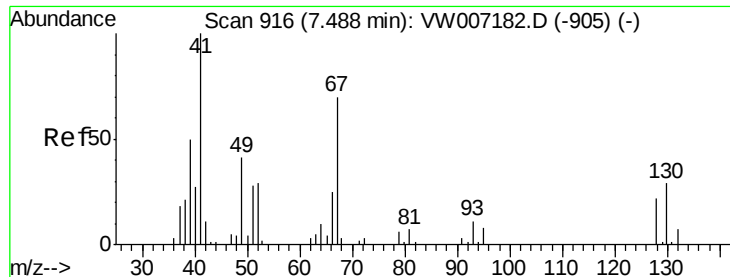
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#40
Benzene
Concen: 141.011 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	660881		
77	23.9	18.9	28.3	





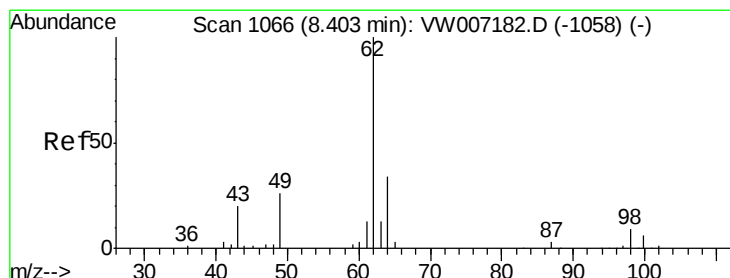
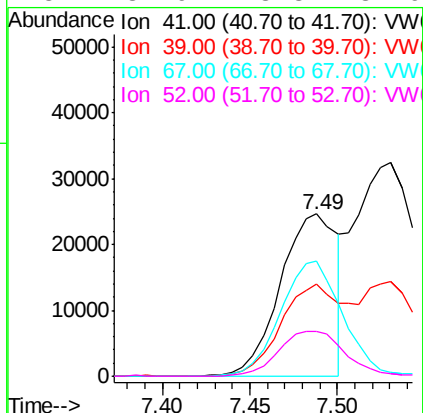
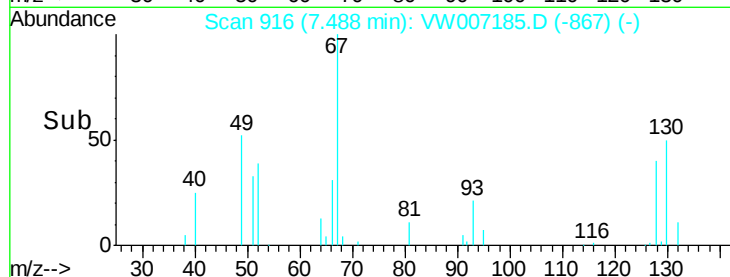
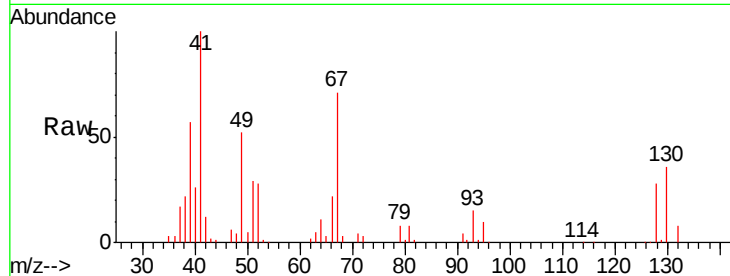
#41
Methacrylonitrile
Concen: 150.899 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.5	43.4	65.0
67	77.5	57.4	86.0
52	32.9	23.3	34.9

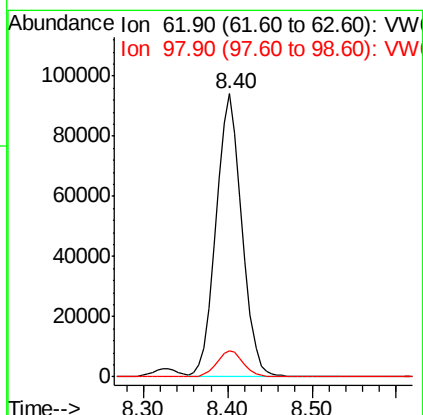
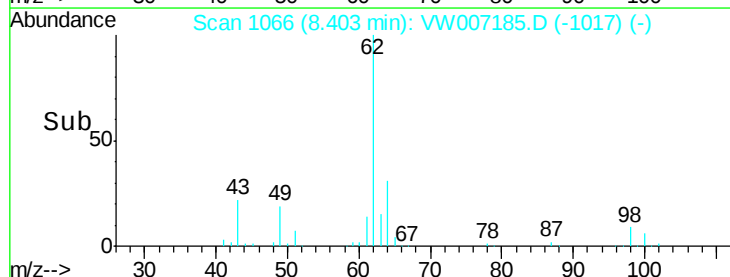
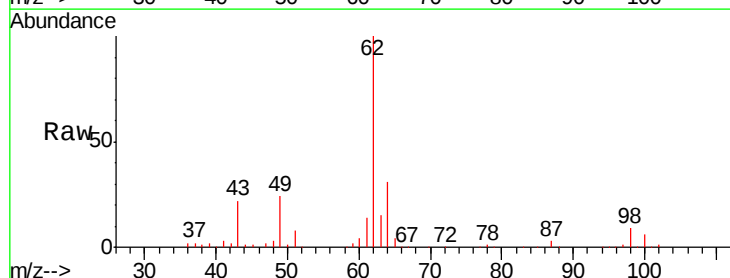
Manual Integrations
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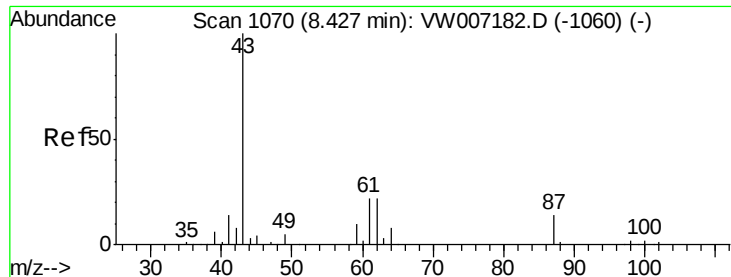
apatel
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#42
1,2-Dichloroethane
Concen: 152.104 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8





#43

Isopropyl Acetate

Concen: 158.453 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

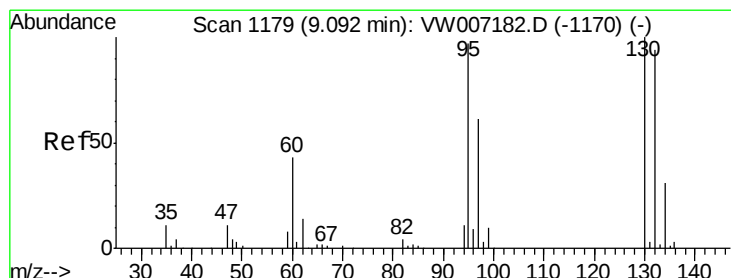
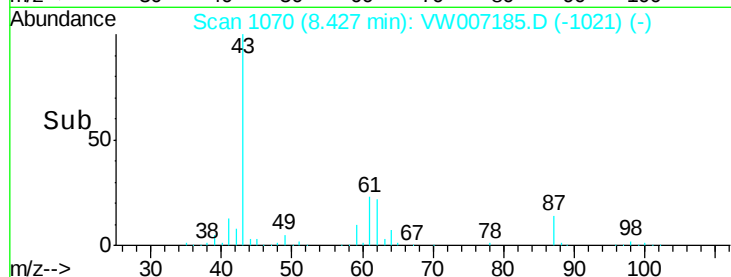
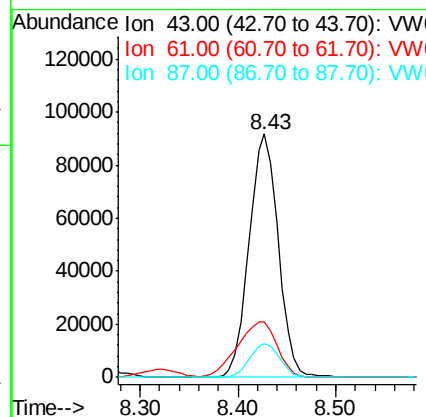
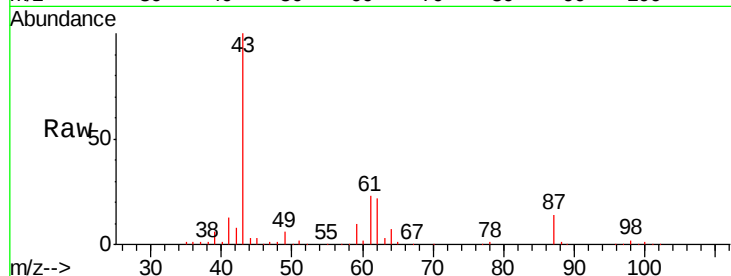
ClientSampleId :

VSTDIC150

Tgt Ion:	43	Resp:	190263
Ion Ratio	Lower	Upper	
43	100		
61	31.1	25.4	38.0
87	14.3	11.4	17.0

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#44

Trichloroethene

Concen: 139.390 ug/l

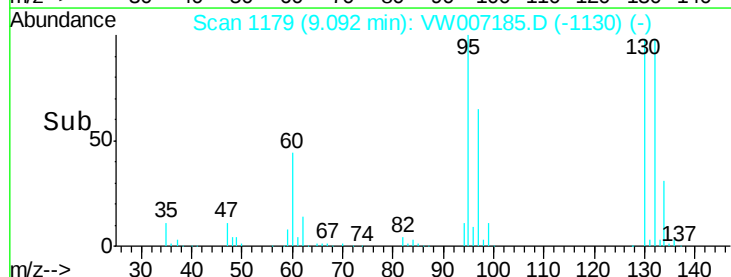
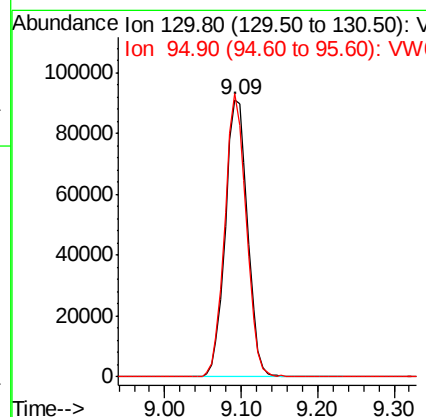
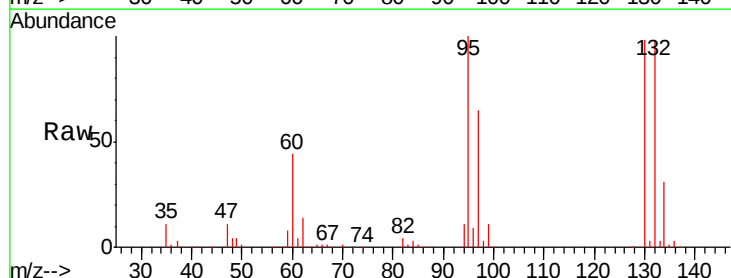
RT: 9.09 min Scan# 1179

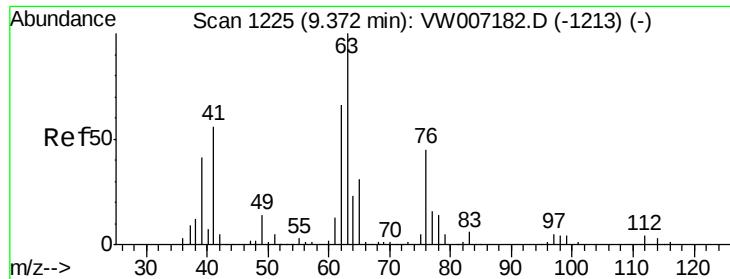
Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	130	Resp:	183632
Ion Ratio	Lower	Upper	
130	100		
95	102.0	0.0	194.0





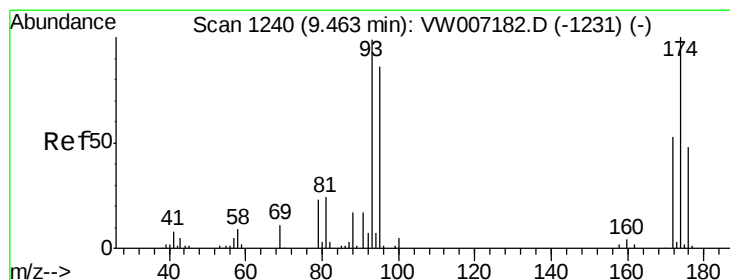
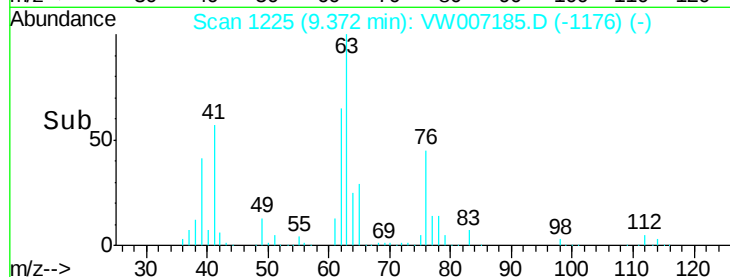
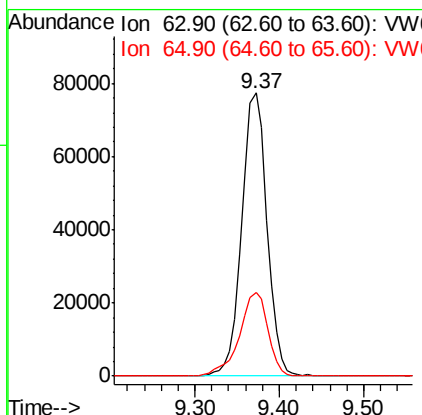
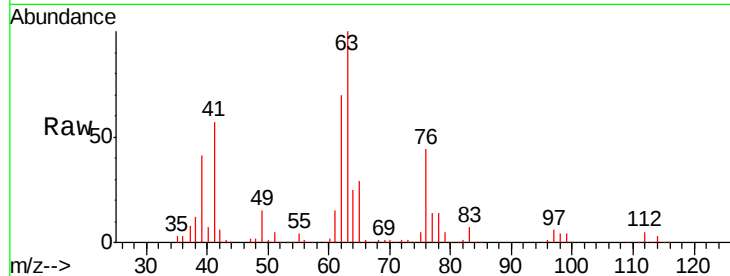
#45
 1,2-Dichloropropane
 Concen: 142.509 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tgt Ion: 63 Resp: 155425
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.4

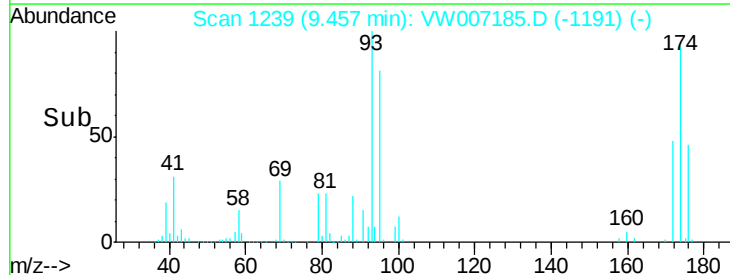
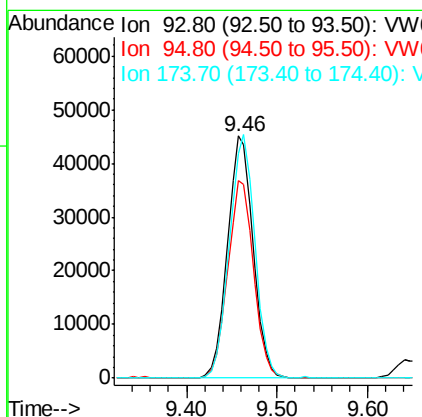
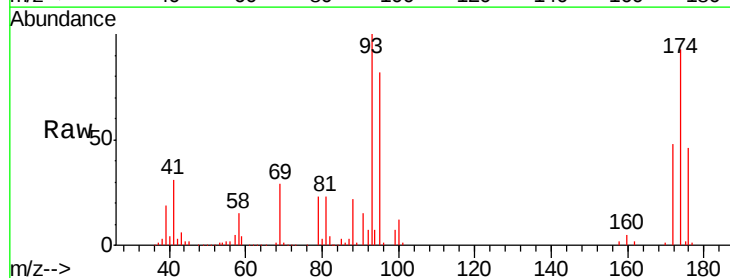
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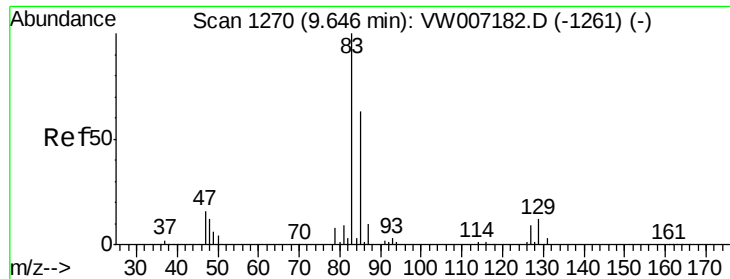
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#46
 Dibromomethane
 Concen: 155.559 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 93 Resp: 88159
 Ion Ratio Lower Upper
 93 100
 95 82.5 68.7 103.1
 174 100.2 82.9 124.3





#47

Bromodichloromethane

Concen: 149.791 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

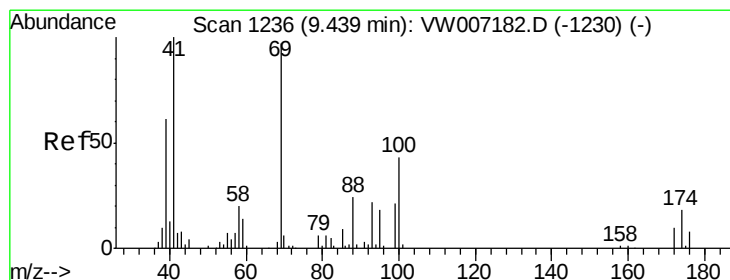
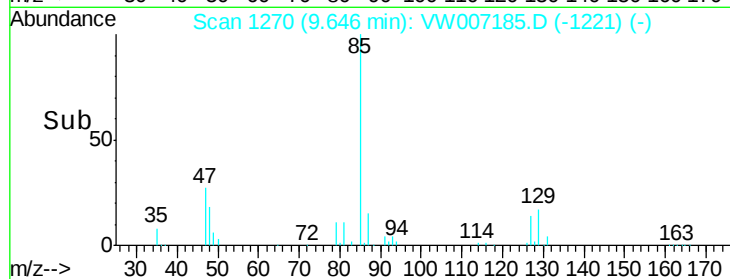
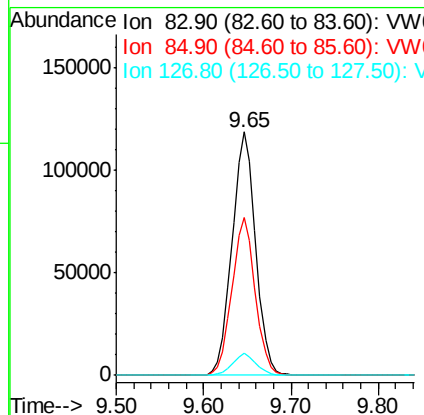
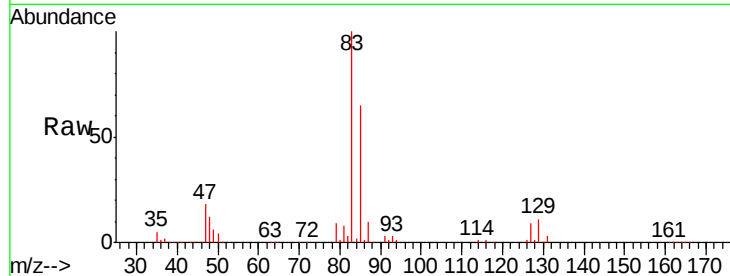
ClientSampleId :

VSTDIC150

Tgt Ion:	83	Resp:	223298
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.6	76.0
127	8.9	7.3	10.9

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#48

Methyl methacrylate

Concen: 161.778 ug/l

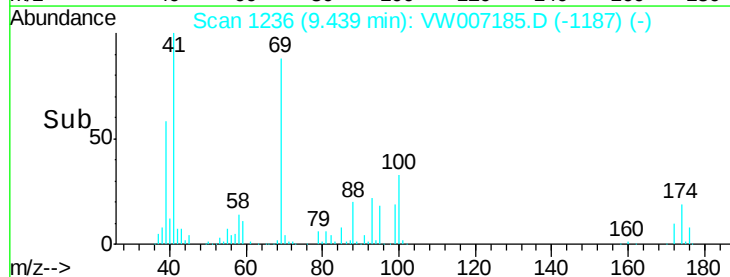
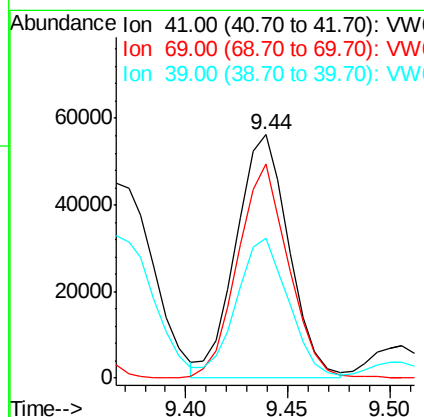
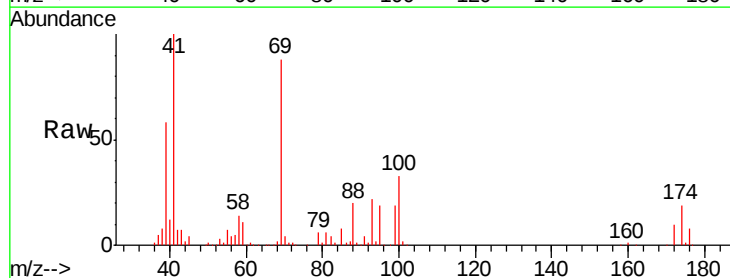
RT: 9.44 min Scan# 1236

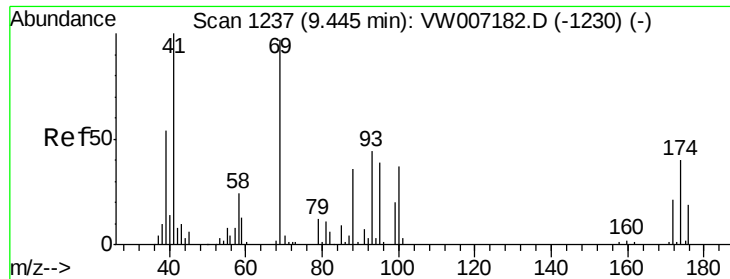
Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	41	Resp:	100820
Ion Ratio	Lower	Upper	
41	100		
69	85.2	69.6	104.4
39	53.6	42.4	63.6





#49

1,4-Dioxane

Concen: 2784.717 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

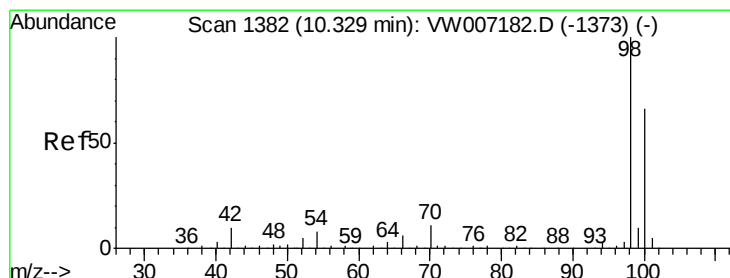
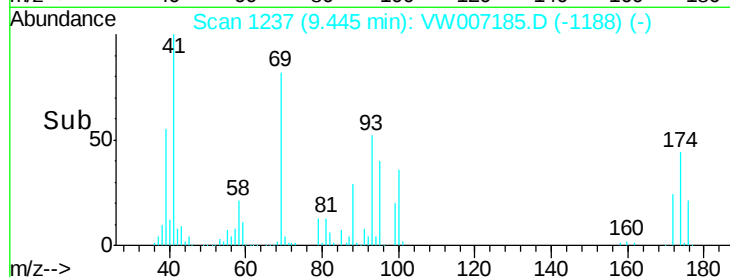
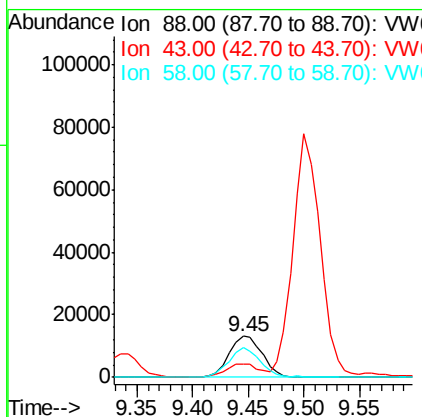
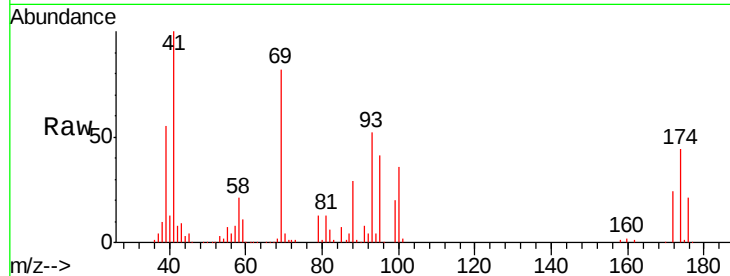
ClientSampleId :

VSTDIC150

Tgt Ion:	88	Resp:	27569
Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.8	38.8
58	69.6	58.9	88.3

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#50

Toluene-d8

Concen: 147.875 ug/l

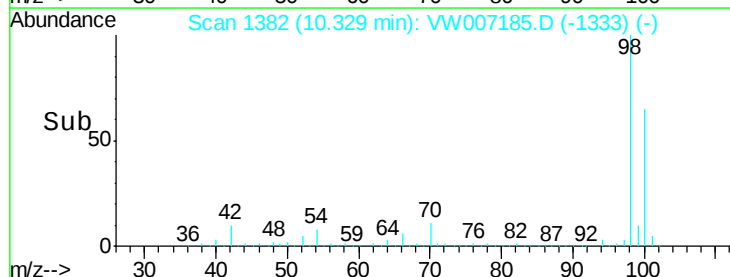
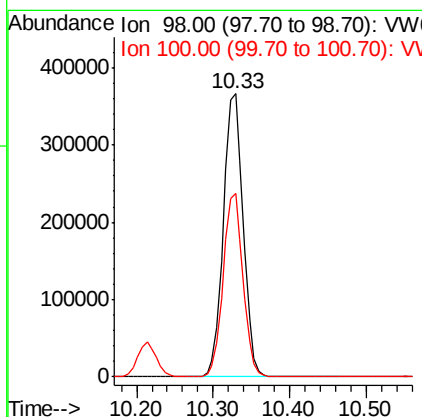
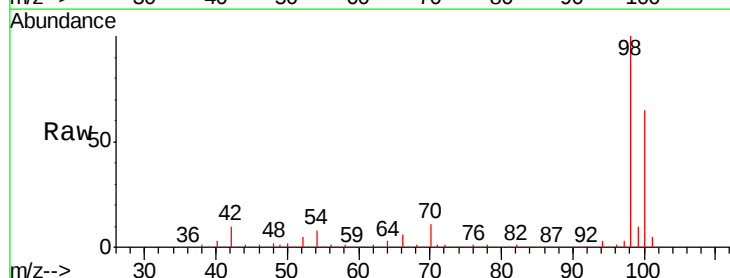
RT: 10.33 min Scan# 1382

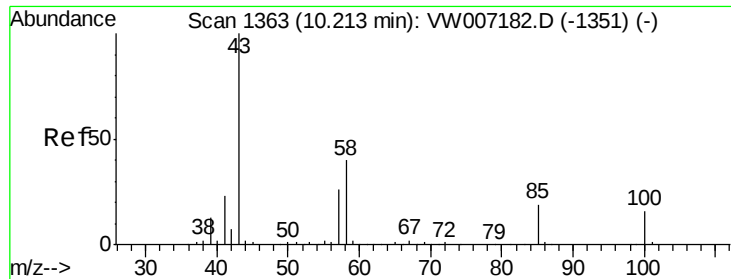
Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	98	Resp:	655164
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.7	79.1





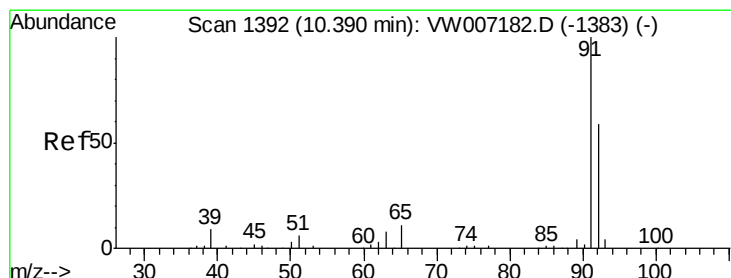
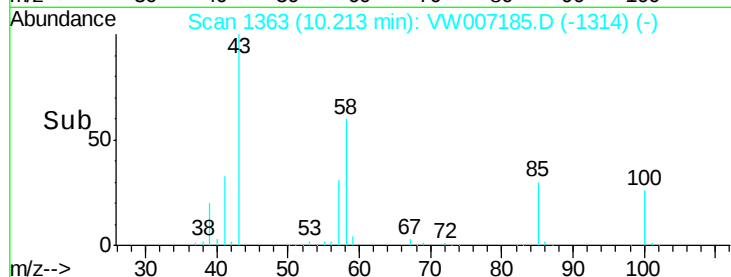
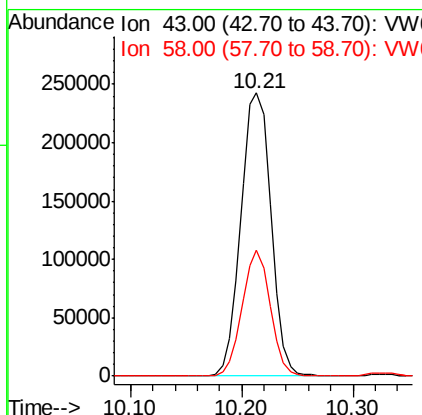
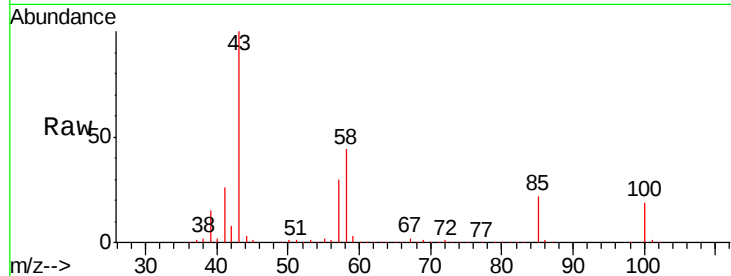
#51
 4-Methyl-2-Pentanone
 Concen: 773.151 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 457500
 Ion Ratio Lower Upper
 43 100
 58 41.2 32.3 48.5

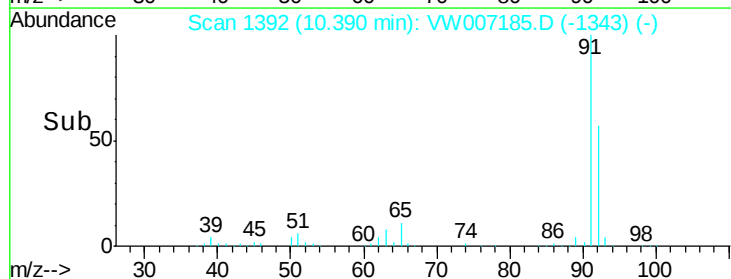
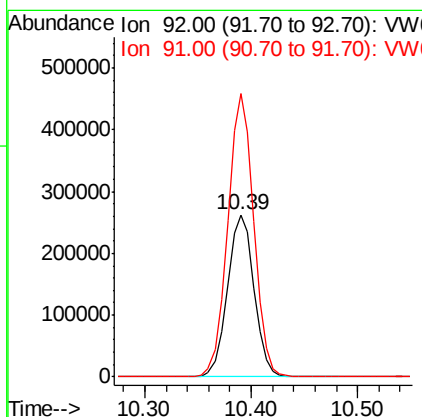
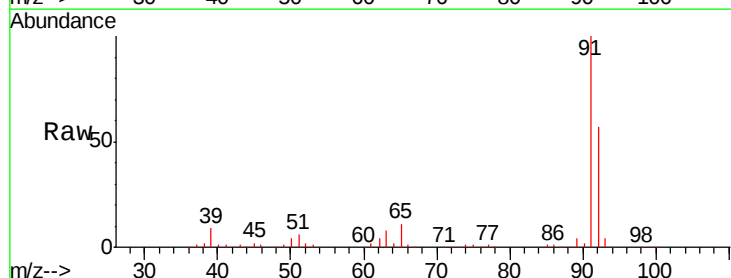
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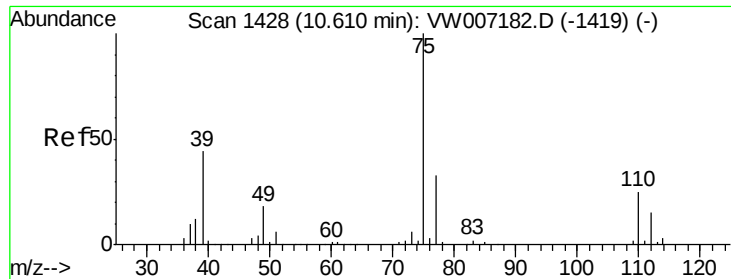
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#52
 Toluene
 Concen: 140.499 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 92 Resp: 458050
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.0 204.0





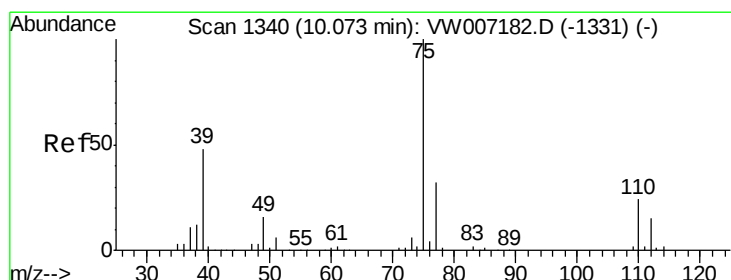
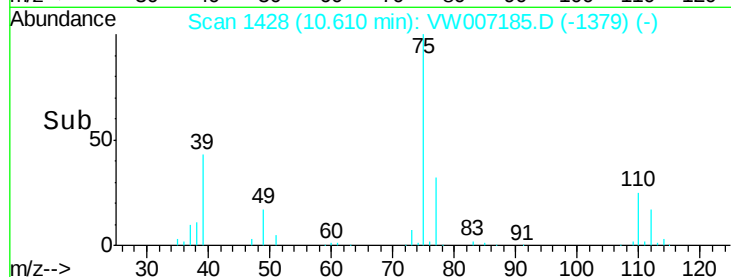
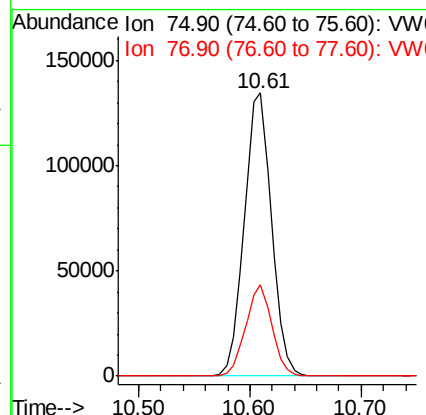
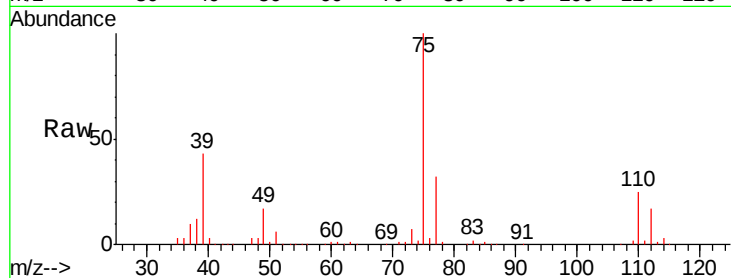
#53
 t-1,3-Dichloropropene
 Concen: 152.417 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 75 Resp: 228438
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.2 39.2

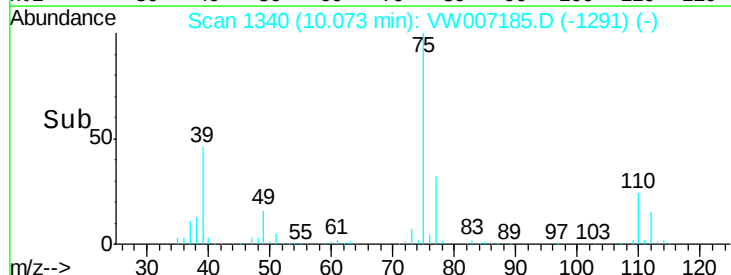
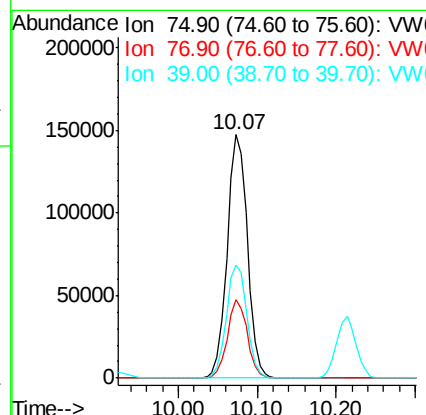
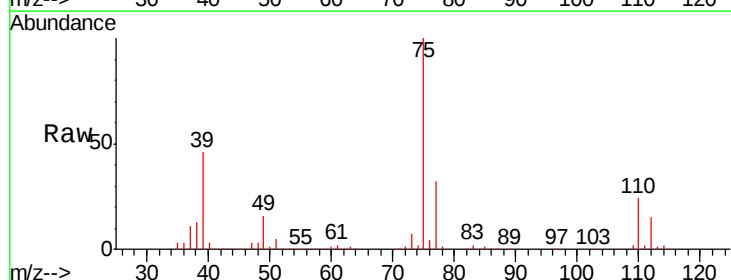
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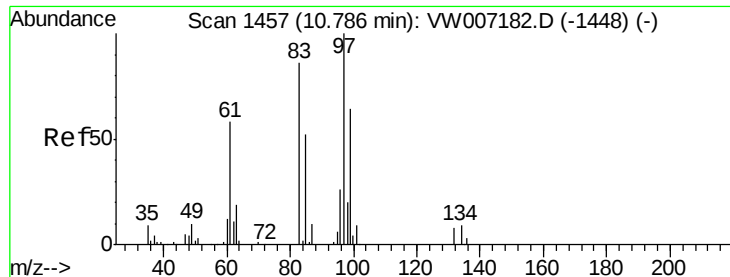
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#54
 cis-1,3-Dichloropropene
 Concen: 149.376 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 75 Resp: 262370
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.0 39.0
 39 46.3 38.0 57.0





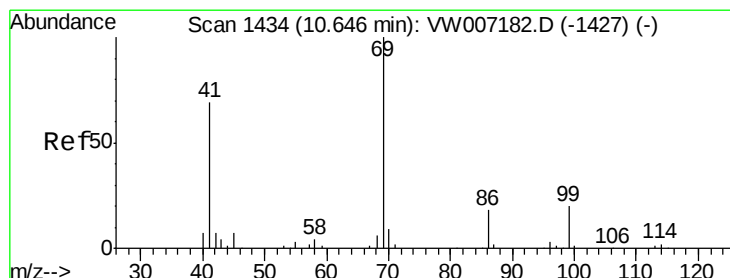
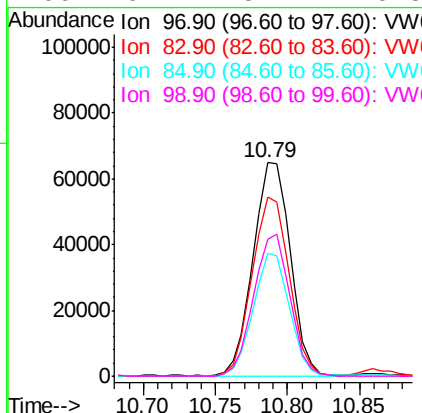
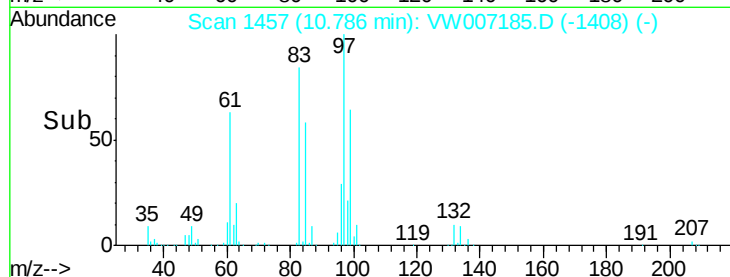
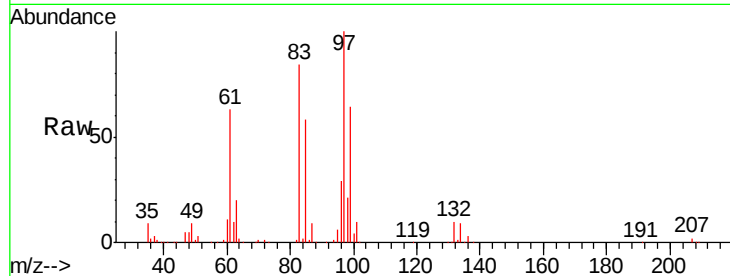
#55
 1,1,2-Trichloroethane
 Concen: 144.969 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	116863		
83	84.1	68.6	102.8	
85	57.6	41.4	62.2	
99	64.4	51.2	76.8	

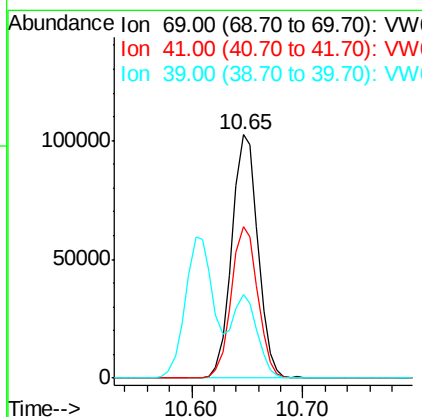
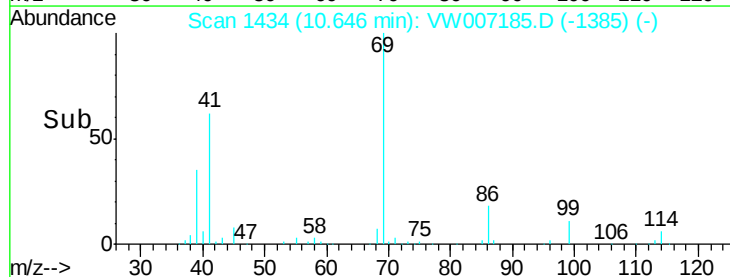
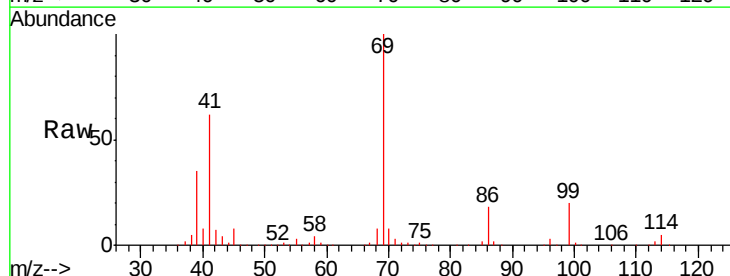
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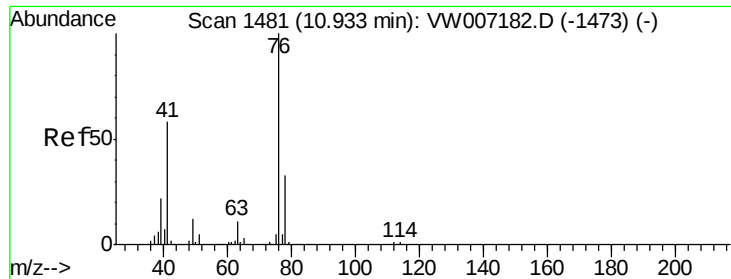
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#56
 Ethyl methacrylate
 Concen: 158.857 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	167044		
41	62.2	51.8	77.6	
39	33.4	28.7	43.1	





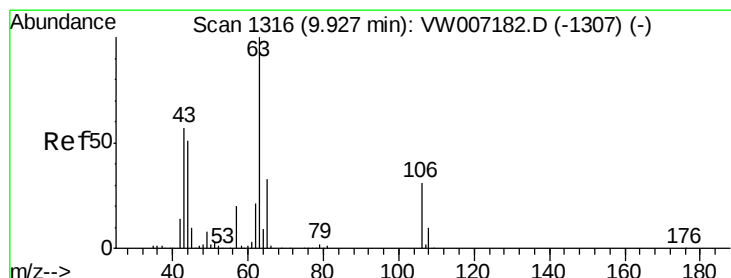
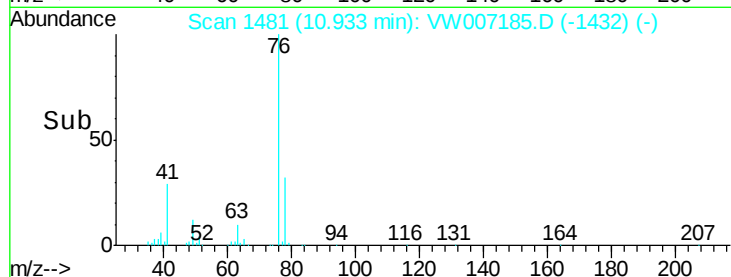
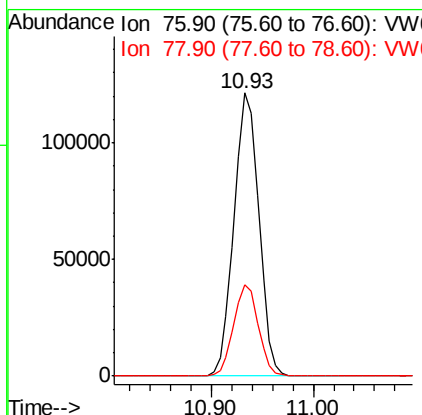
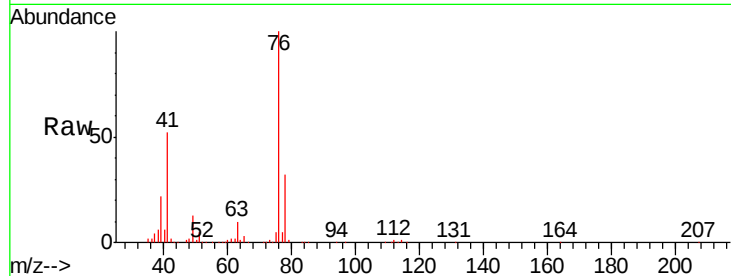
#57
 1,3-Dichloropropane
 Concen: 150.332 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 76 Resp: 204598
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.6 40.0

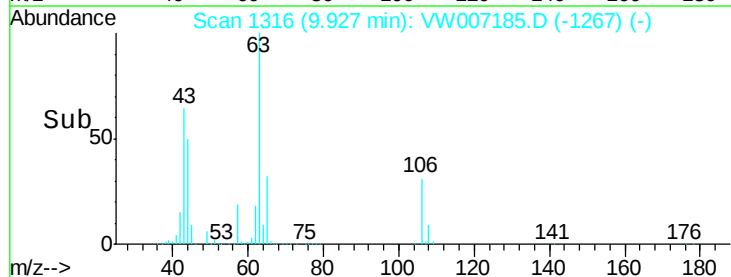
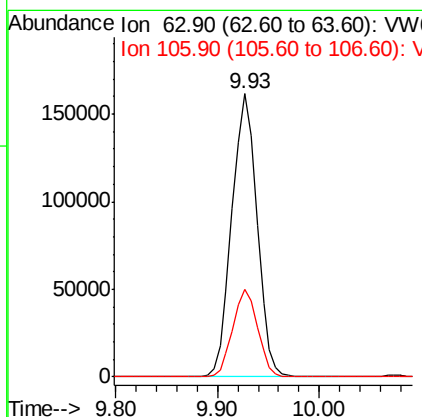
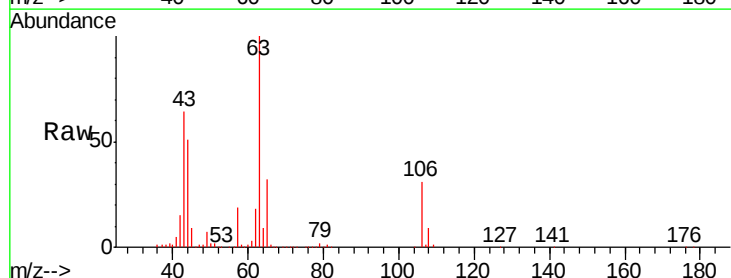
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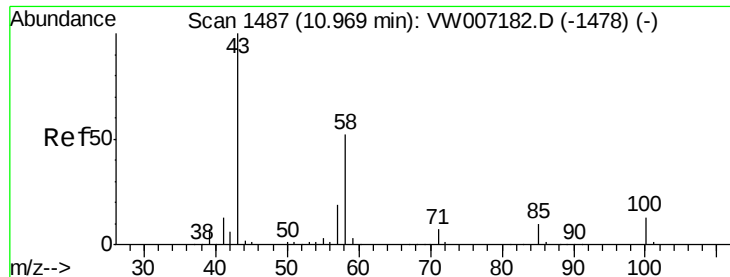
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#58
 2-Chloroethyl Vinyl ether
 Concen: 653.924 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion: 63 Resp: 276194
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.1 36.1





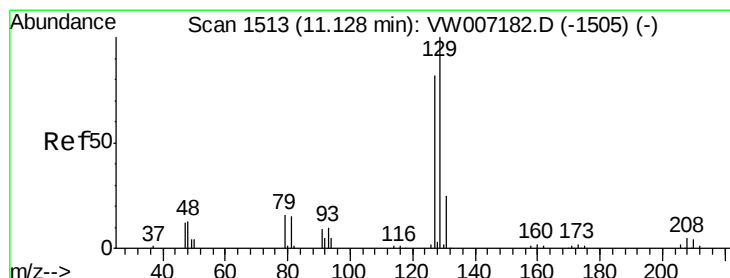
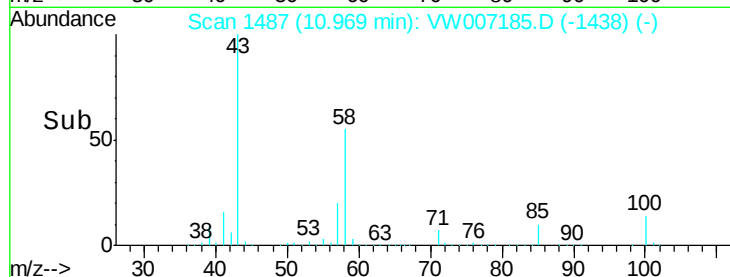
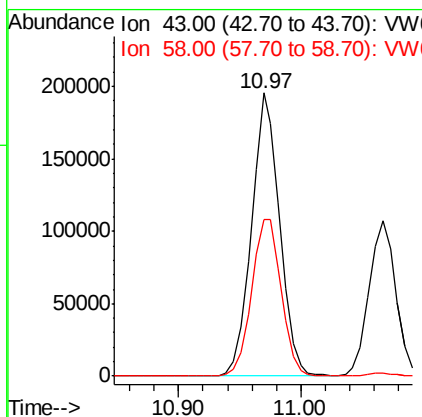
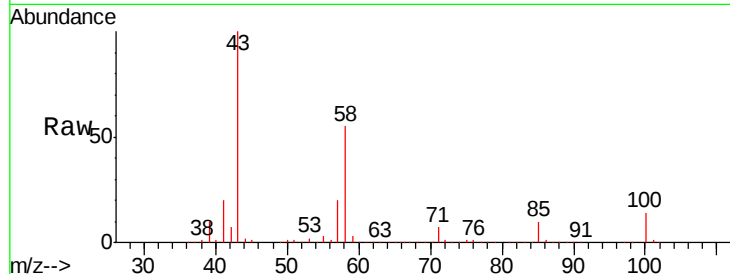
#59
2-Hexanone
Concen: 727.474 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 312056
Ion Ratio Lower Upper
43 100
58 58.5 28.1 84.4

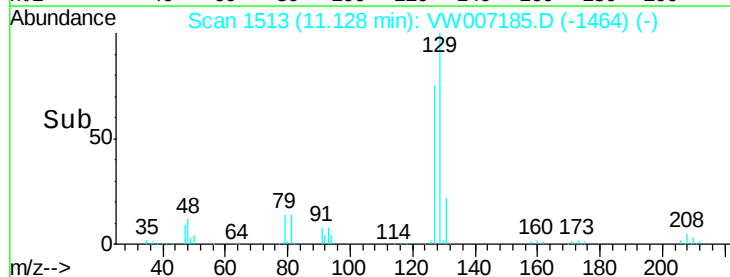
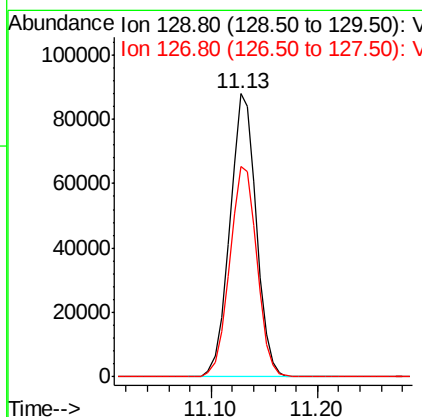
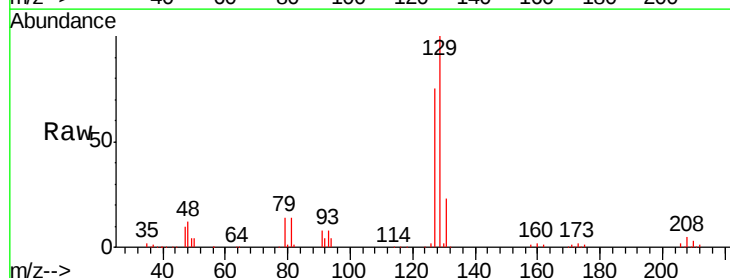
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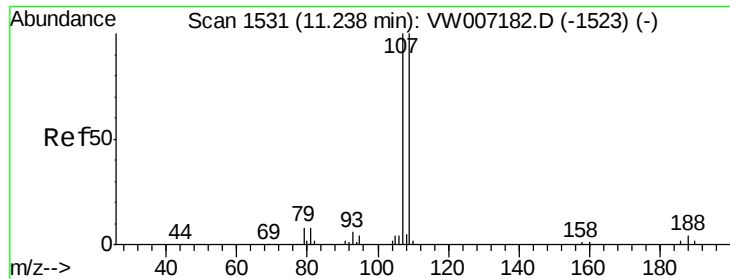
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#60
Dibromochloromethane
Concen: 154.191 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 129 Resp: 152767
Ion Ratio Lower Upper
129 100
127 76.7 39.8 119.4





#61

1,2-Dibromoethane

Concen: 150.630 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 107 Resp: 116465

Ion Ratio Lower Upper

107 100

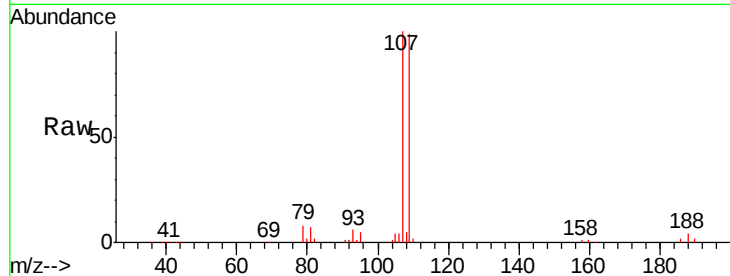
109 96.4 77.3 115.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

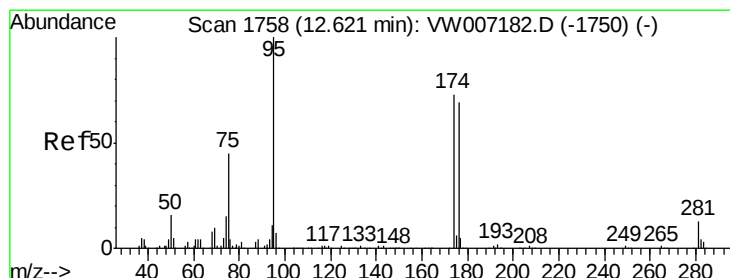
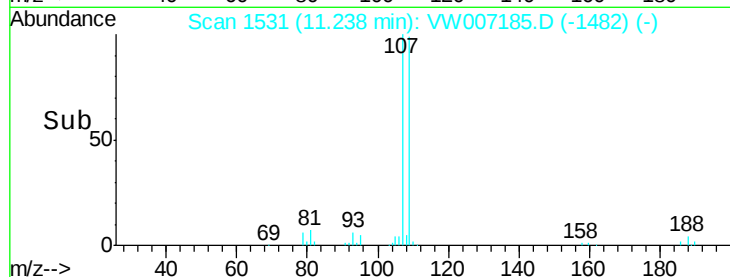
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 147.761 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

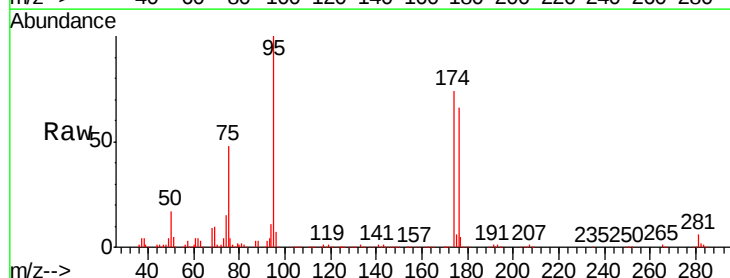
Tgt Ion: 95 Resp: 247097

Ion Ratio Lower Upper

95 100

174 75.7 0.0 148.0

176 70.1 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

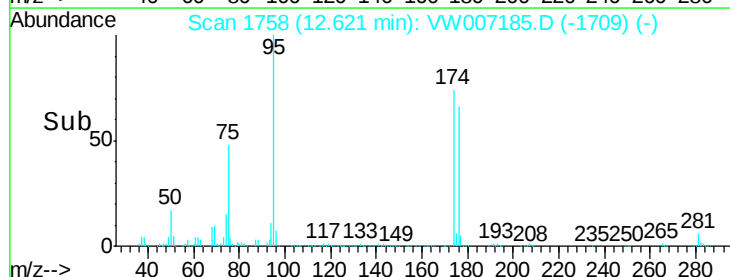
150000

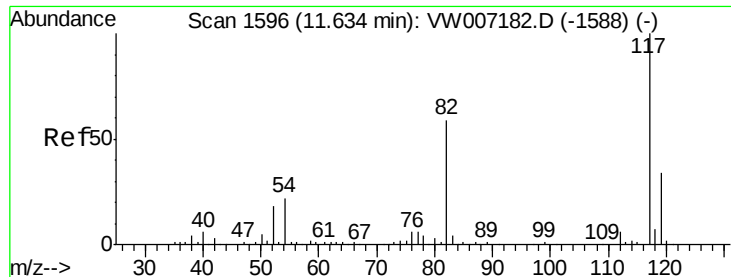
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

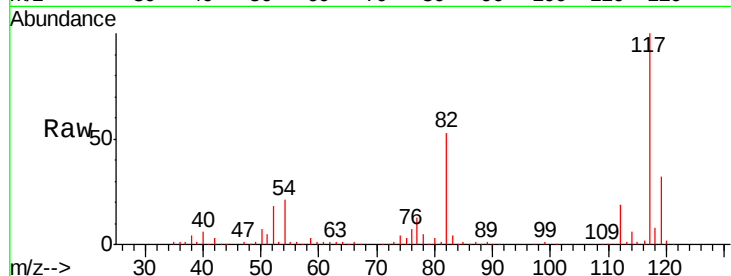
ClientSampleId :

VSTDIC150

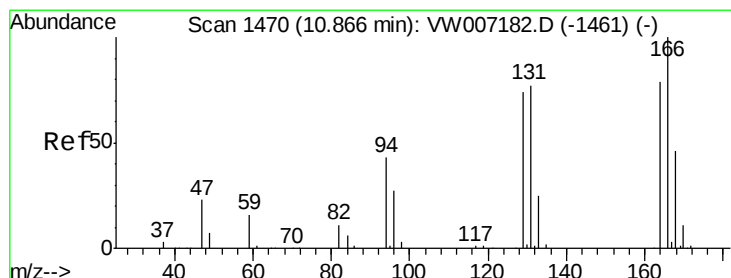
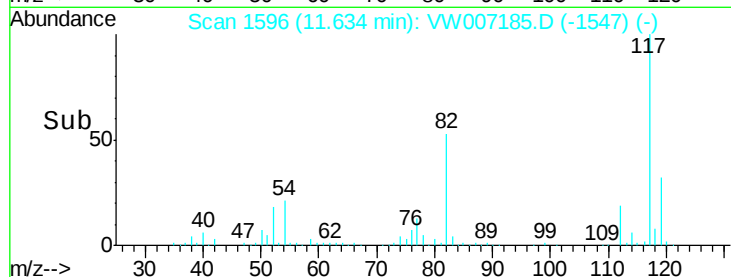
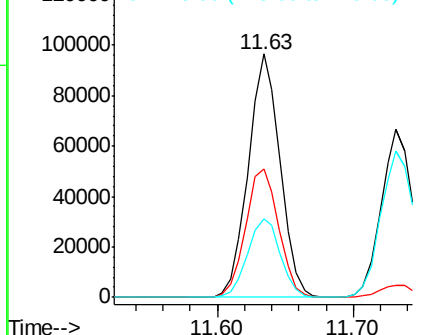
Tgt Ion:	117	Resp:	158316
Ion Ratio	Lower	Upper	
117	100		
82	52.6	47.4	71.2
119	32.3	26.8	40.2

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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 140.353 ug/l

RT: 10.87 min Scan# 1470

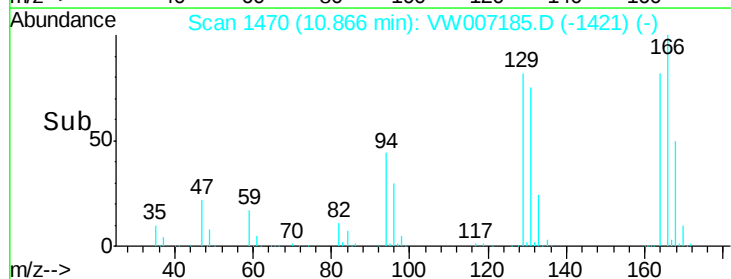
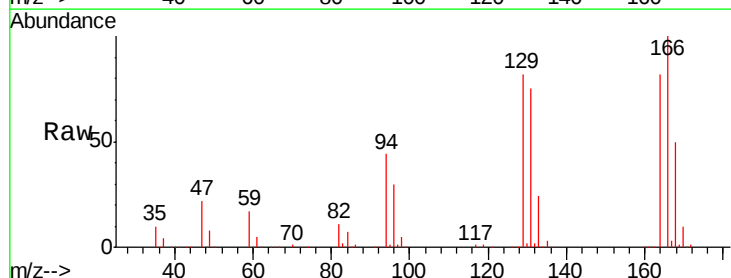
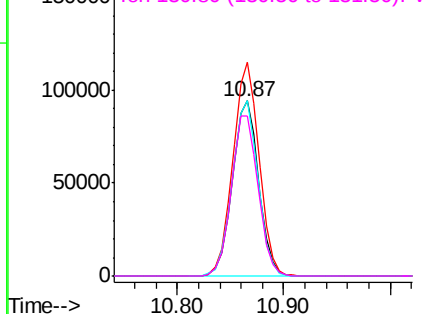
Delta R.T. -0.00 min

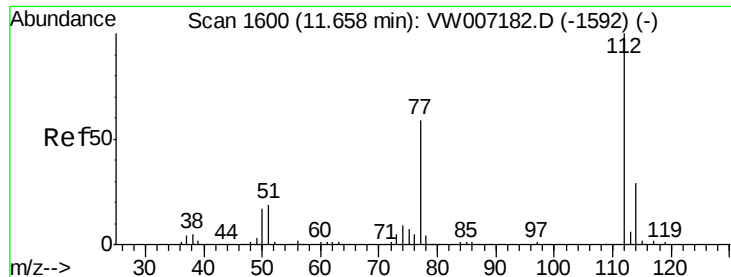
Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	164	Resp:	162343
Ion Ratio	Lower	Upper	
164	100		
166	122.0	101.0	151.4
129	100.2	74.6	111.8
131	91.4	77.6	116.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





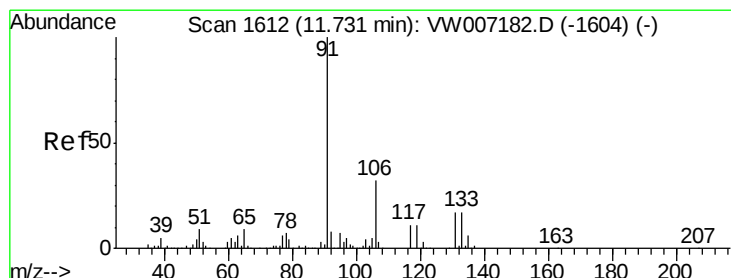
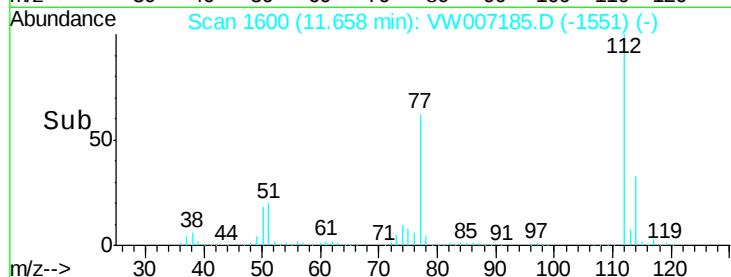
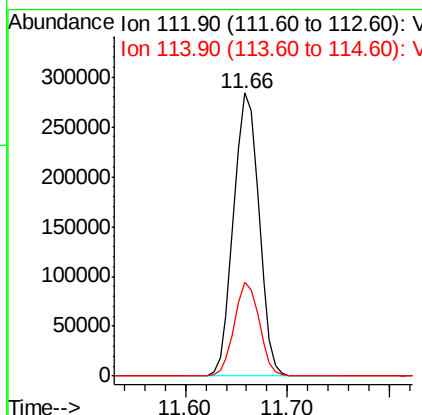
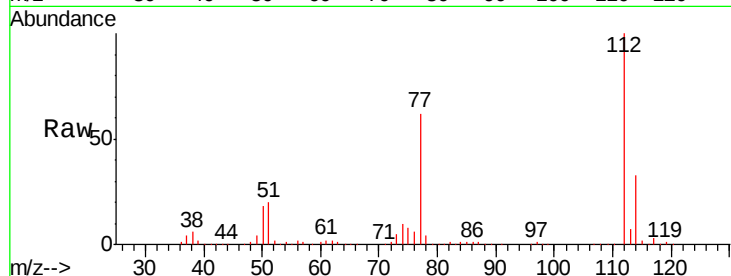
#65
Chlorobenzene
Concen: 138.554 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 489895
Ion Ratio Lower Upper
112 100
114 33.1 23.0 34.4

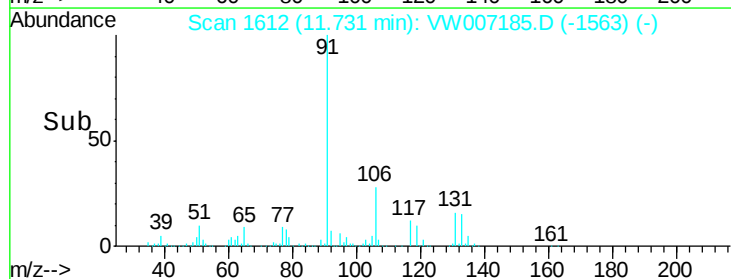
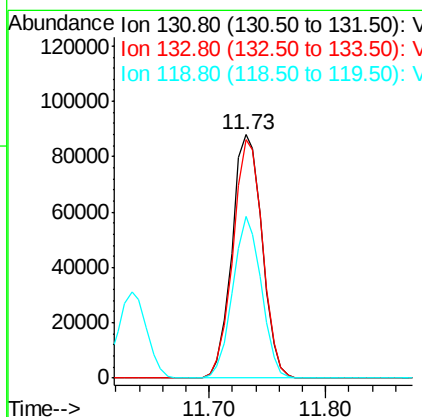
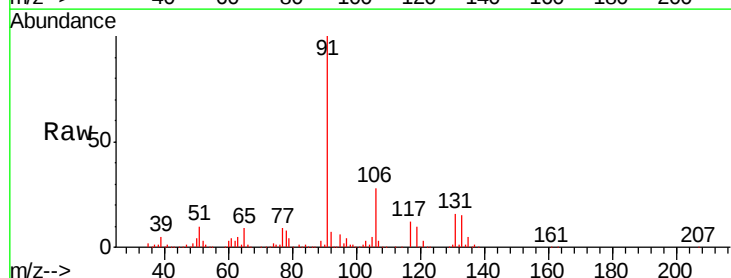
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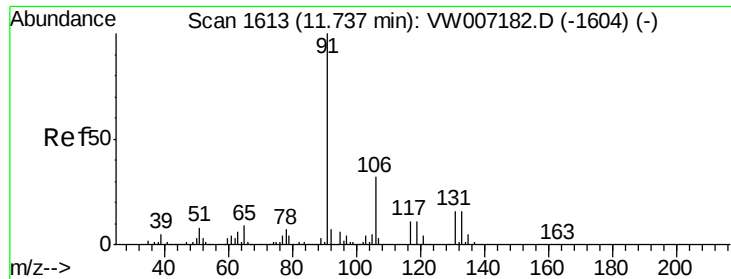
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#66
1,1,1,2-Tetrachloroethane
Concen: 144.797 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion:131 Resp: 158115
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.2
119 63.3 32.8 98.4





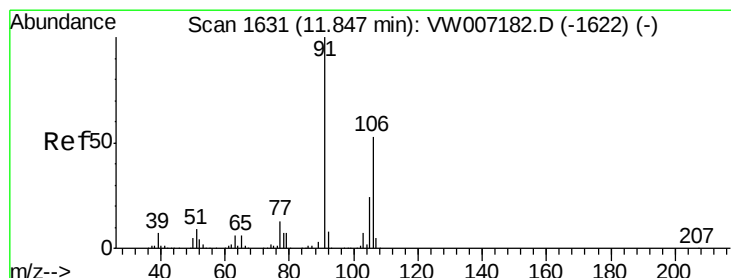
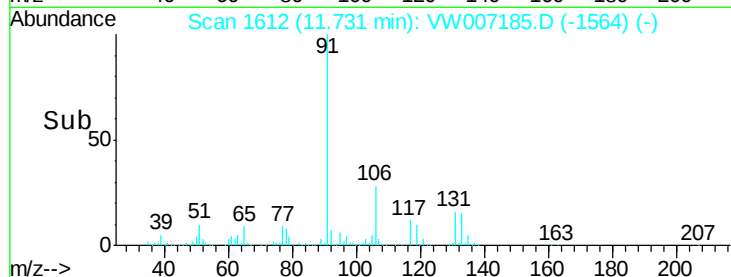
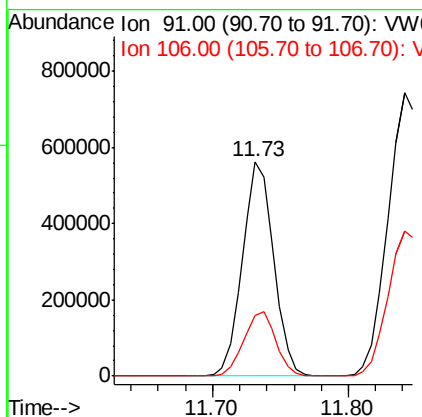
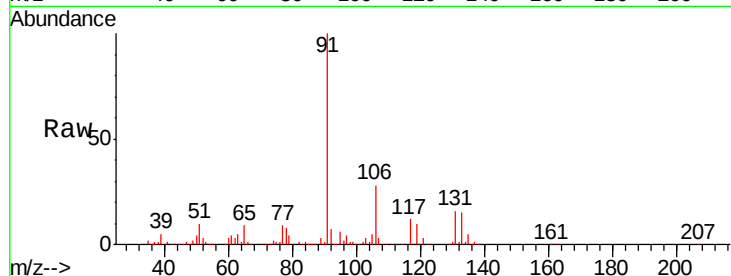
#67
Ethyl Benzene
Concen: 139.978 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 902060
Ion Ratio Lower Upper
91 100
106 28.2 26.0 39.0

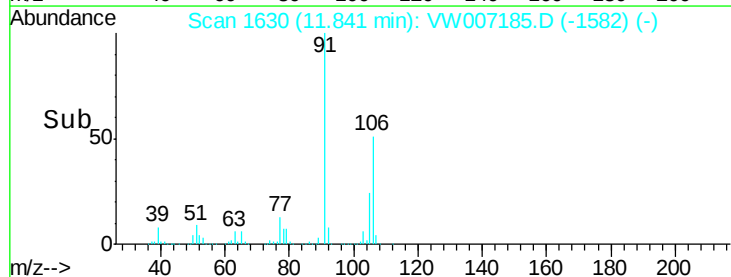
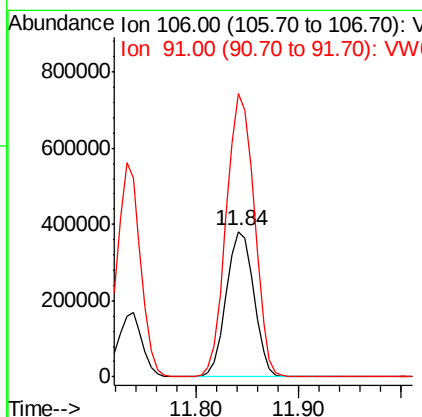
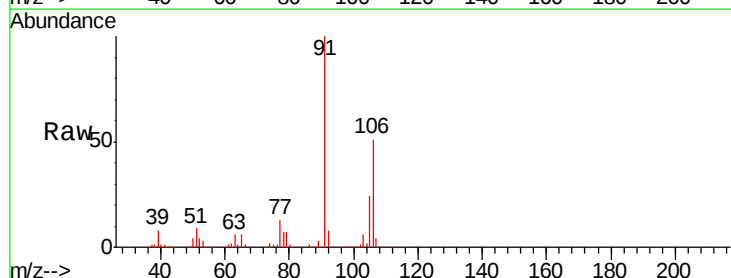
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#68
m/p-Xylenes
Concen: 282.723 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 106 Resp: 714761
Ion Ratio Lower Upper
106 100
91 198.2 160.2 240.4





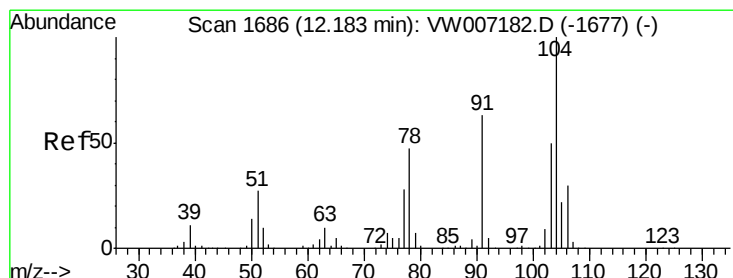
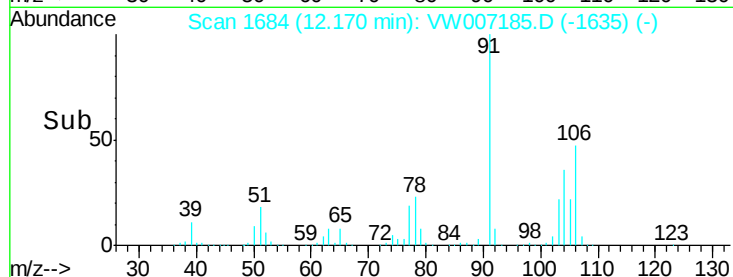
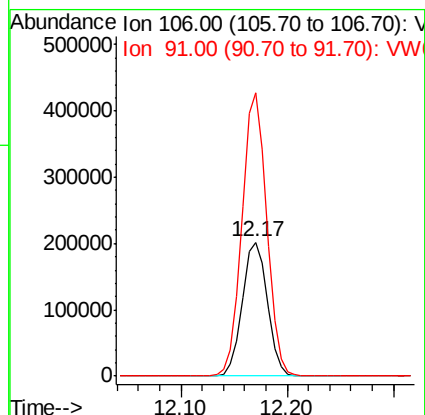
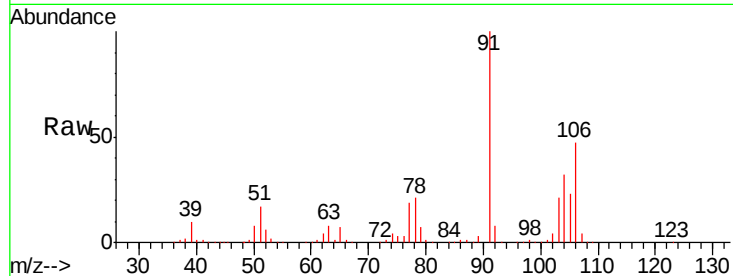
#69
o-Xylene
Concen: 142.554 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 336716
Ion Ratio Lower Upper
106 100
91 207.4 104.9 314.7

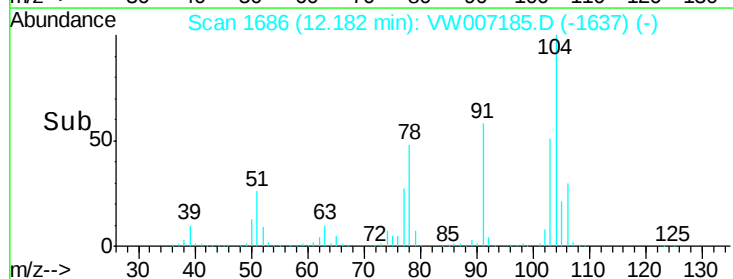
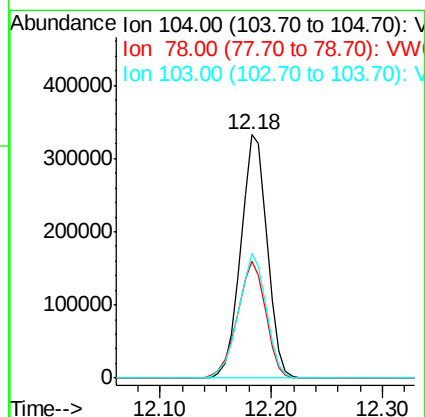
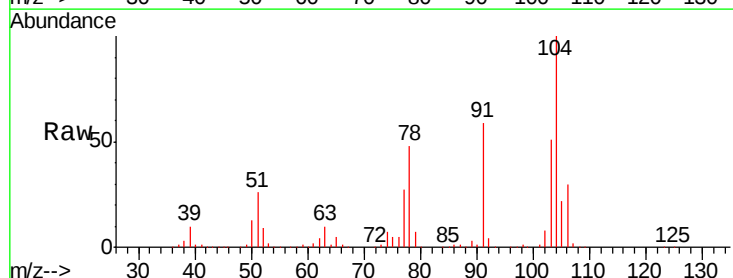
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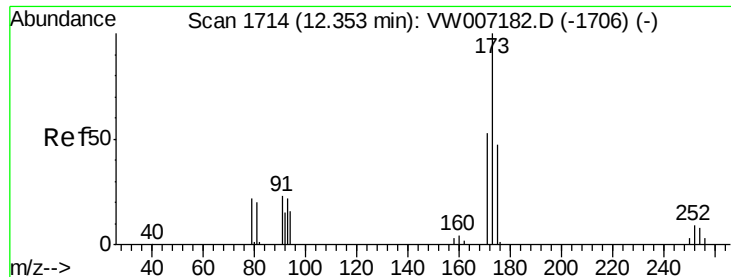
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#70
Styrene
Concen: 140.864 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion:104 Resp: 544656
Ion Ratio Lower Upper
104 100
78 51.4 40.6 60.8
103 54.1 43.0 64.4





#71

Bromoform

Concen: 157.059 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 85854

Ion Ratio Lower Upper

173 100

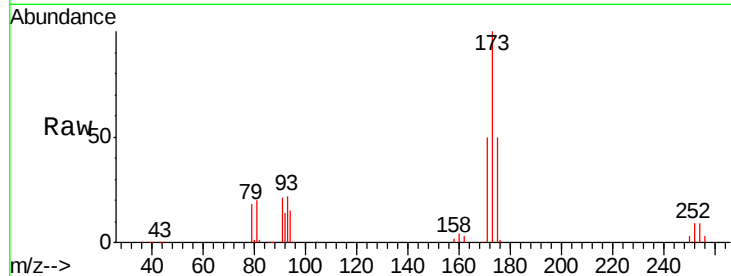
175 49.0 24.0 72.0

254 0.0 0.0 0.0#

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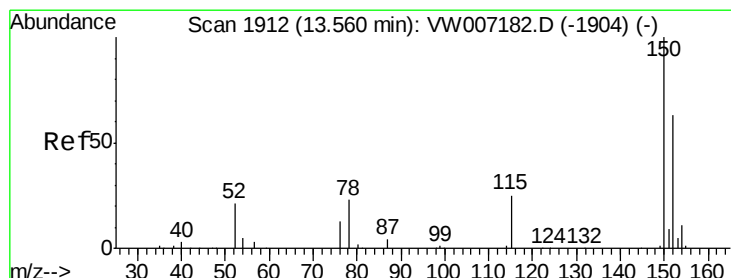
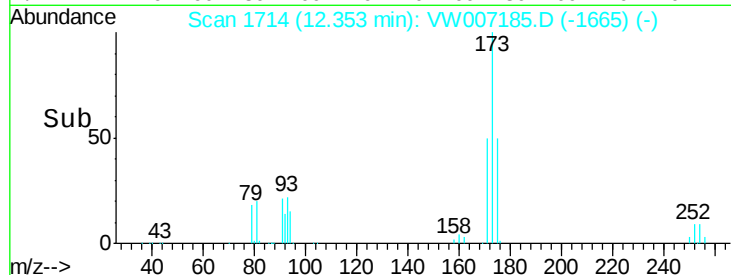
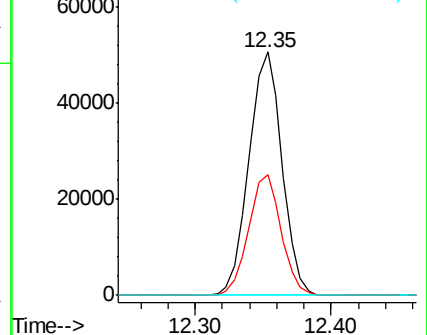
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

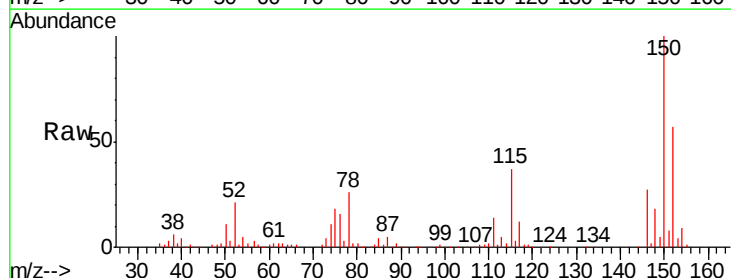
Tgt Ion:152 Resp: 77998

Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.8

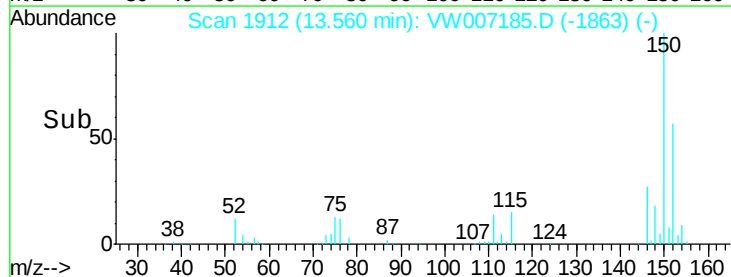
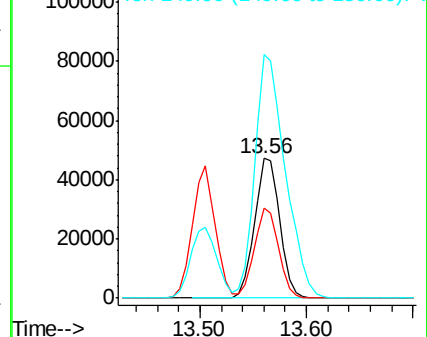
150 212.0 0.0 358.0

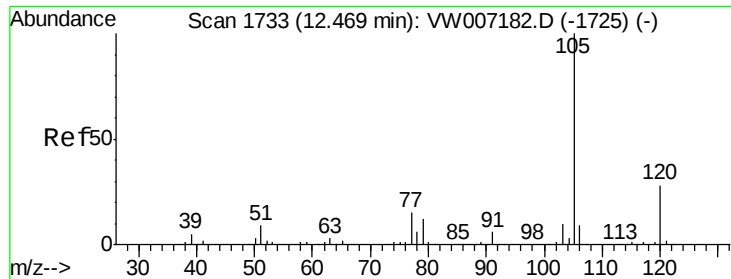


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 146.012 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 105 Resp: 926277

Ion Ratio Lower Upper

105 100

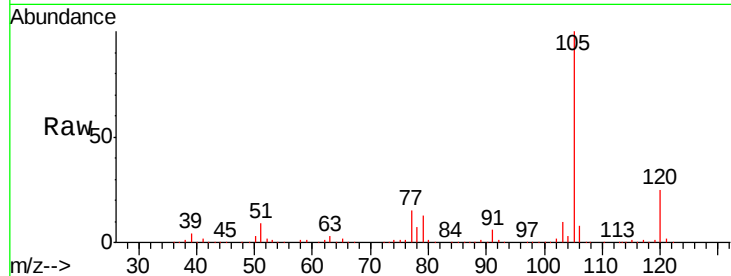
120 25.6 13.2 39.6

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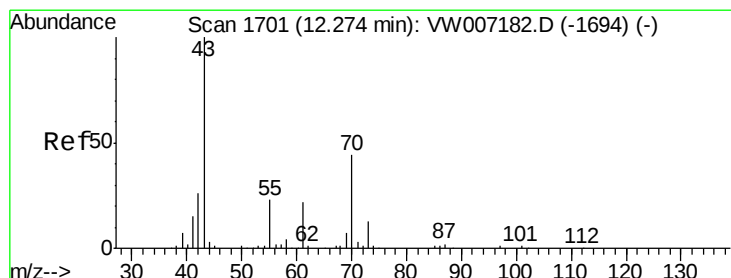
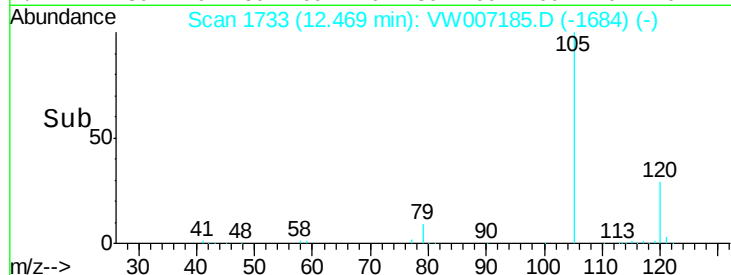
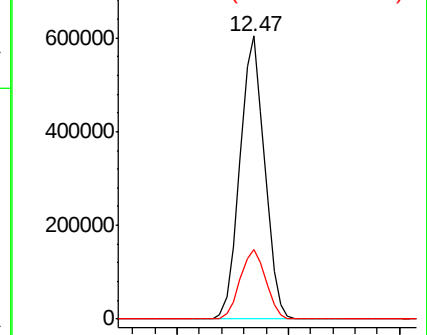
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 158.110 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion: 43 Resp: 177834

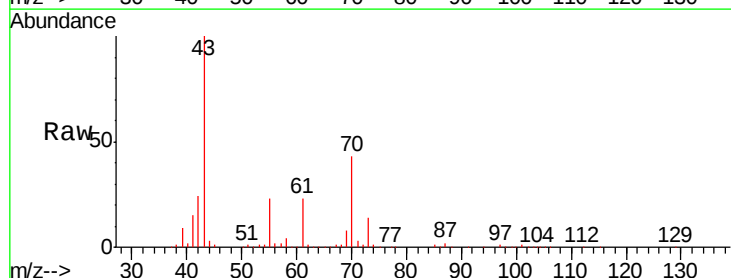
Ion Ratio Lower Upper

43 100

70 44.7 34.0 51.0

55 23.1 19.0 28.6

61 24.1 19.7 29.5

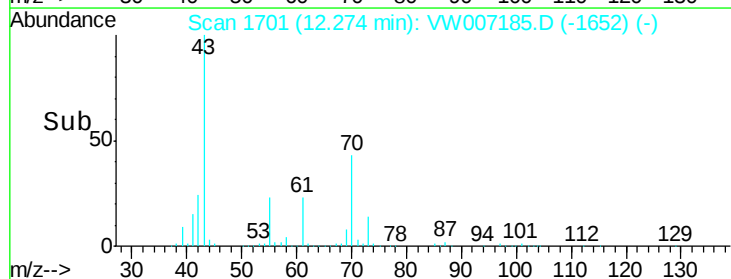
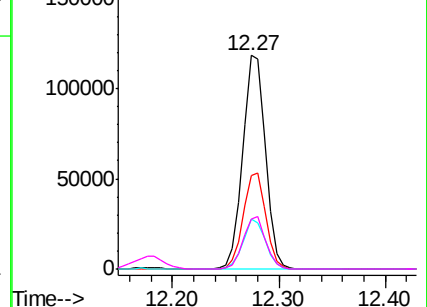


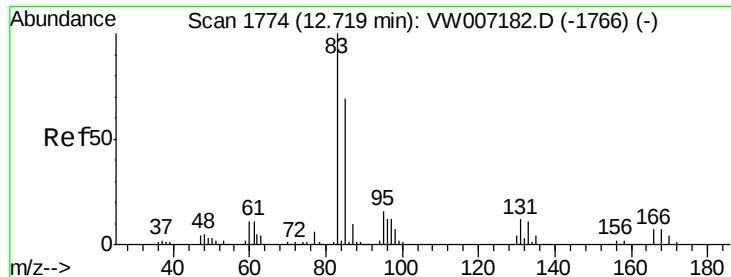
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 150.842 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

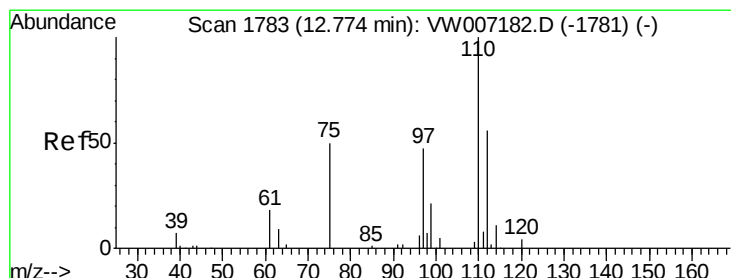
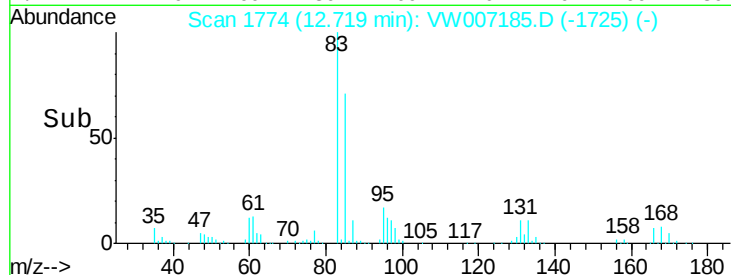
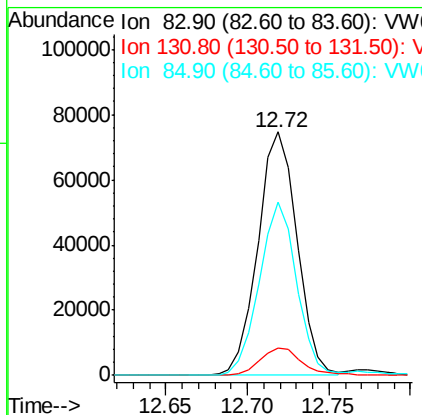
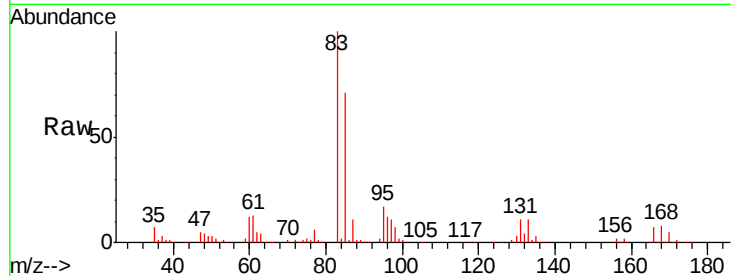
ClientSampleId :

VSTDIC150

Tgt Ion:	83	Resp:	124277
Ion Ratio	Lower	Upper	
83	100		
131	12.1	6.0	18.1
85	67.7	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 97.115 ug/l m

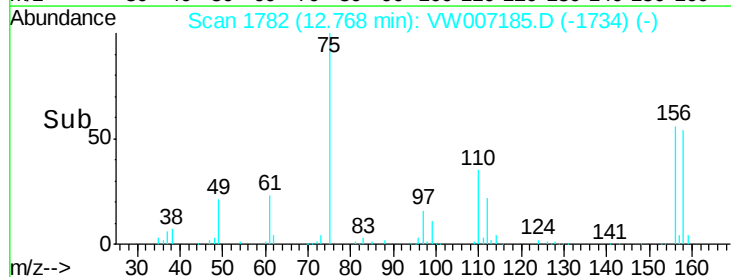
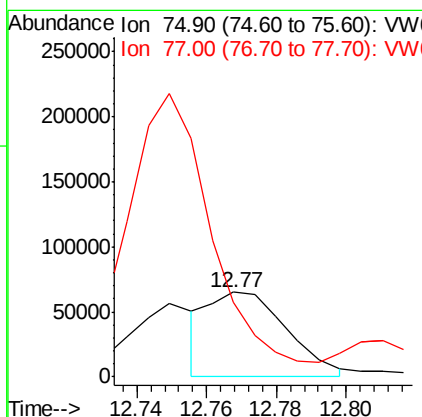
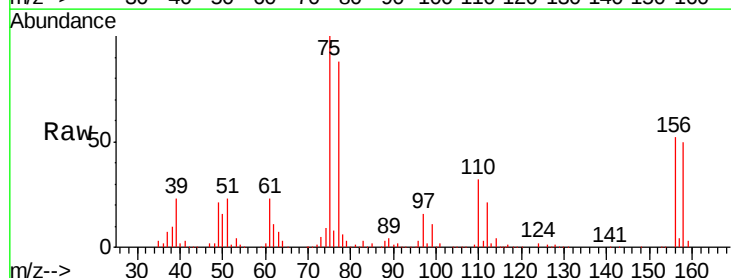
RT: 12.77 min Scan# 1782

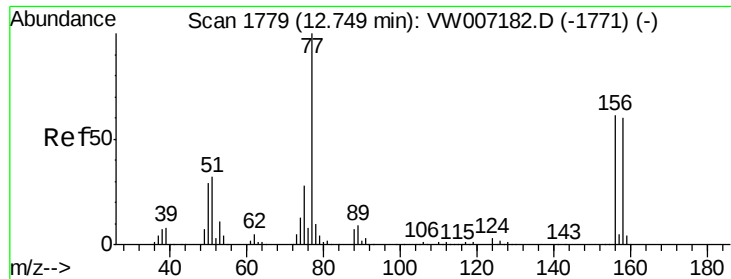
Delta R.T. -0.01 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	75	Resp:	101809
Ion Ratio	Lower	Upper	
75	100		
77	369.4	0.0	0.0#





#77

Bromobenzene

Concen: 146.142 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

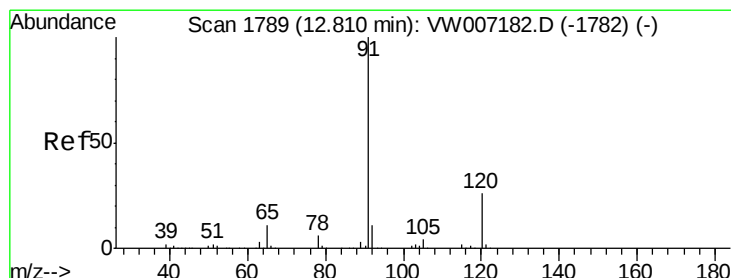
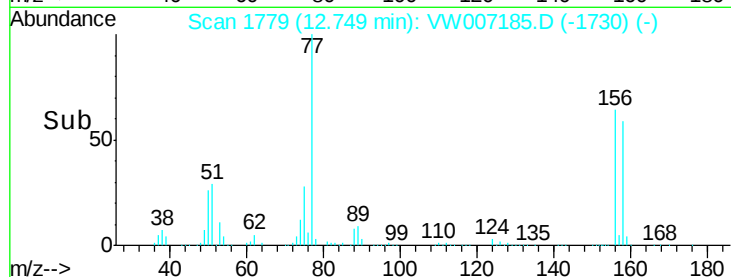
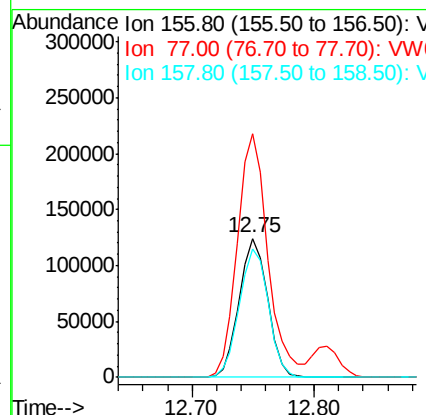
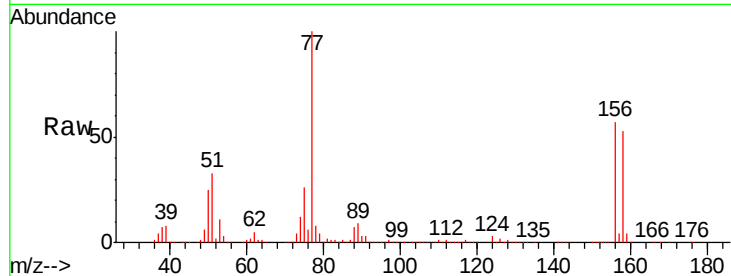
ClientSampleId :

VSTDIC150

Tgt Ion:	156	Resp:	200118
Ion Ratio	Lower	Upper	
156	100		
77	187.9	92.0	276.1
158	94.6	49.0	147.0

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#78

n-propylbenzene

Concen: 145.753 ug/l

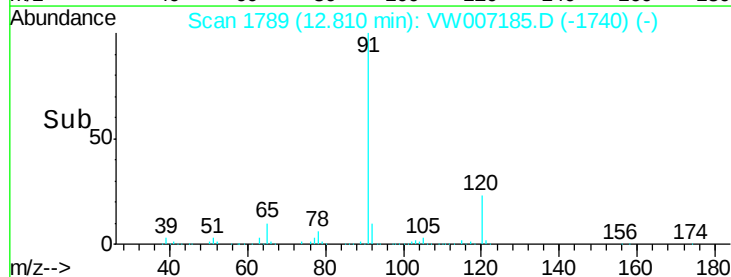
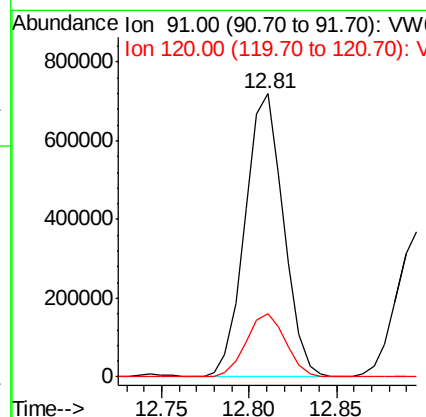
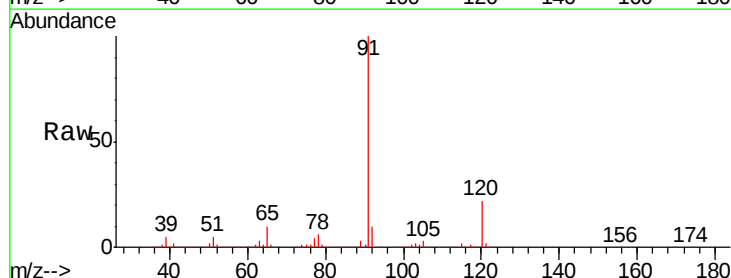
RT: 12.81 min Scan# 1789

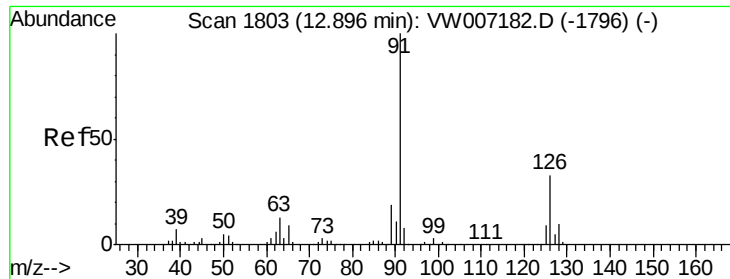
Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	91	Resp:	1101585
Ion Ratio	Lower	Upper	
91	100		
120	23.1	12.5	37.5





#79

2-Chlorotoluene

Concen: 141.391 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 603452

Ion Ratio Lower Upper

91 100

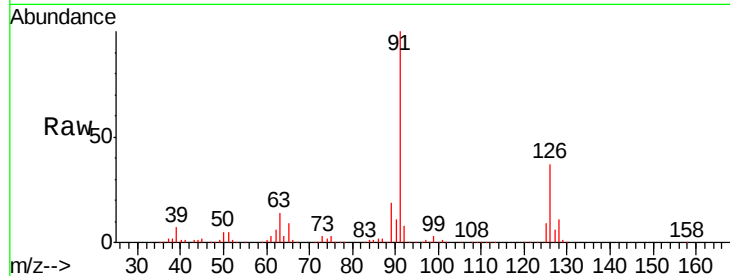
126 35.5 16.7 50.1

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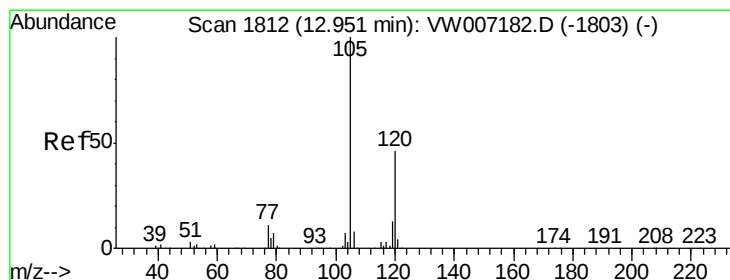
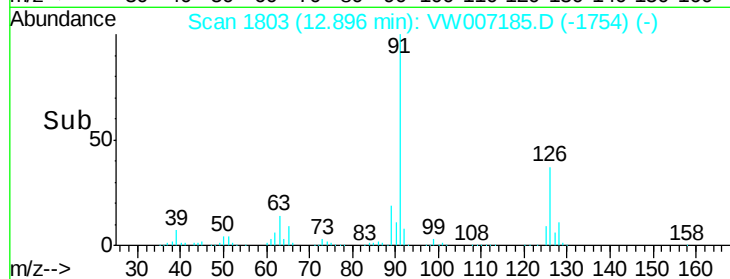
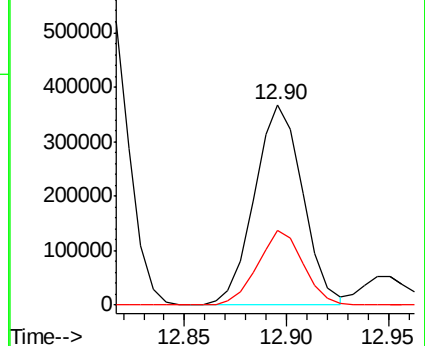
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 141.770 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007185.D

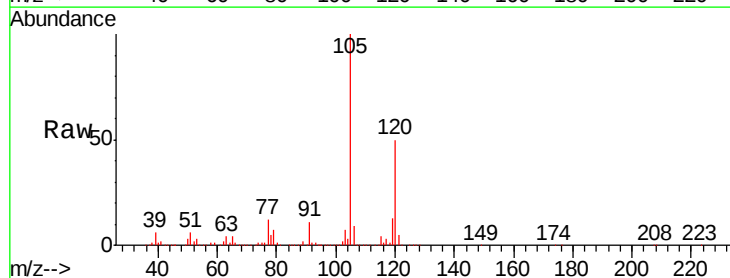
Acq: 04 Dec 2018 13:45

Tgt Ion: 105 Resp: 769392

Ion Ratio Lower Upper

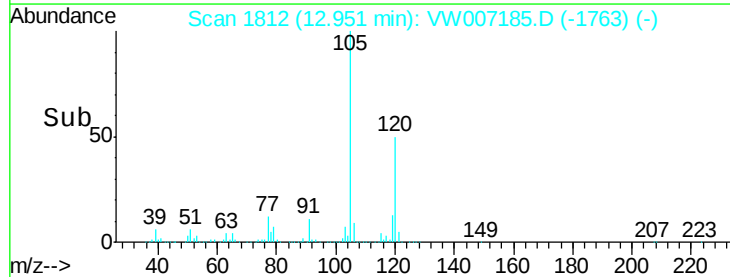
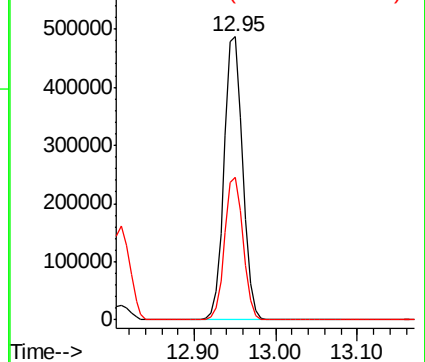
105 100

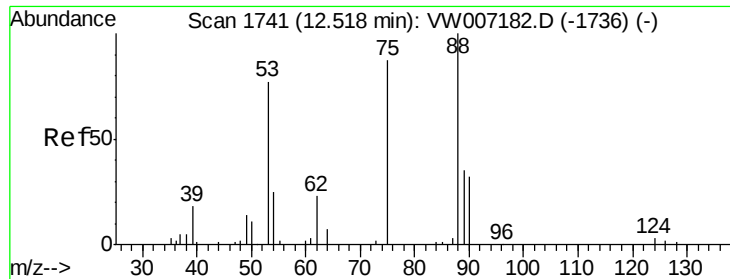
120 50.2 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





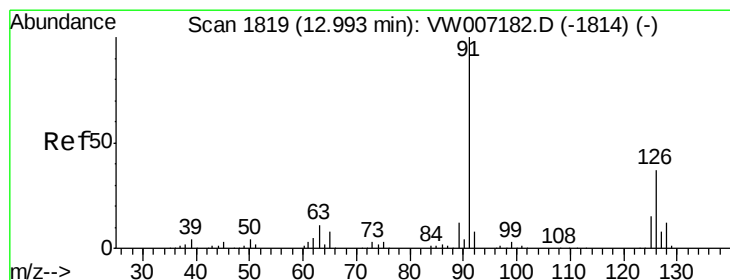
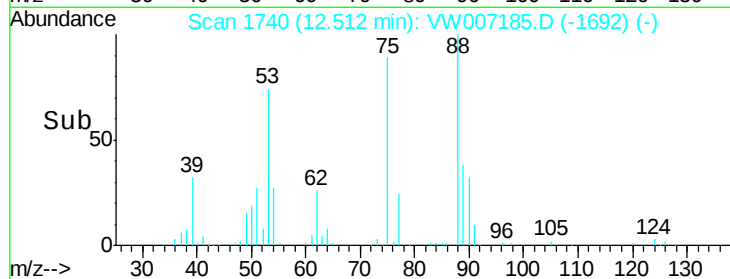
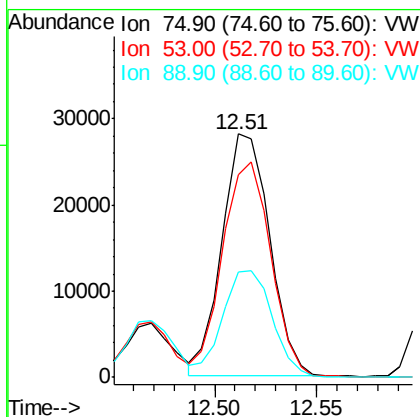
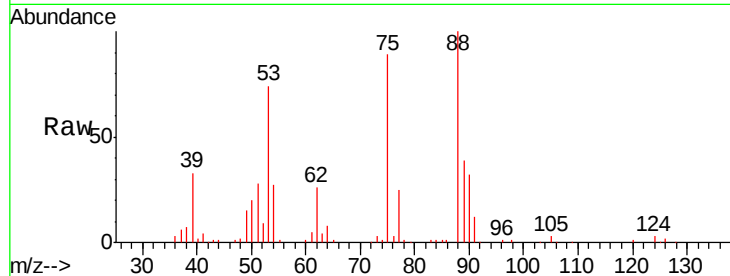
#81
trans-1,4-Dichloro-2-butene
Concen: 162.658 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.0	72.8	109.2
89	46.1	36.4	54.6

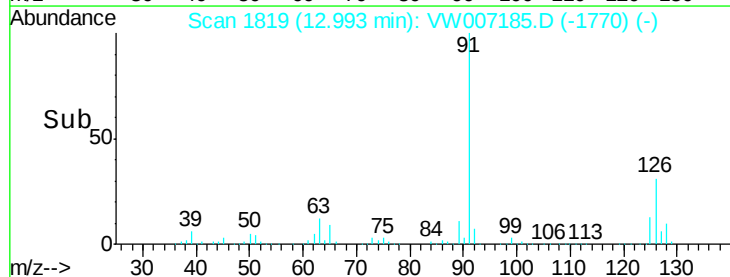
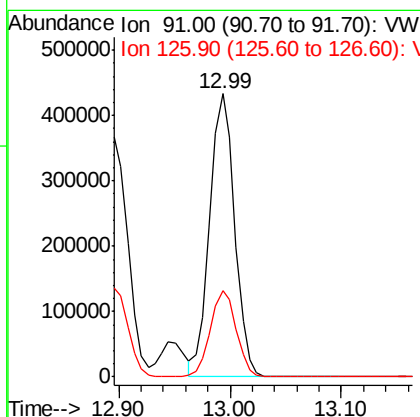
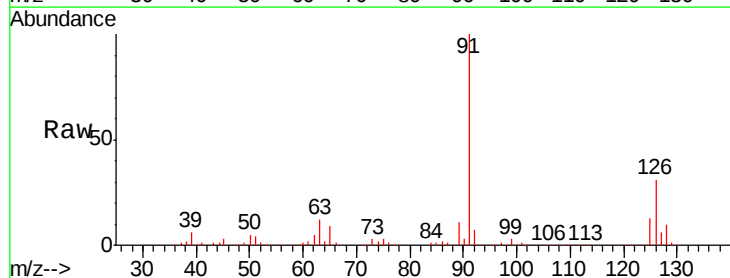
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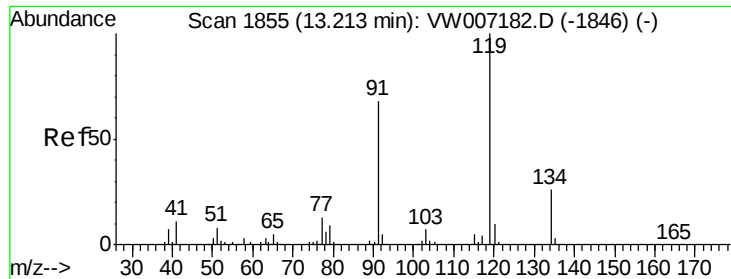
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#82
4-Chlorotoluene
Concen: 148.658 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	17.4	52.3





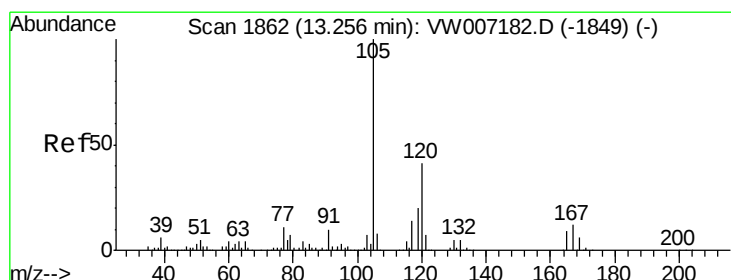
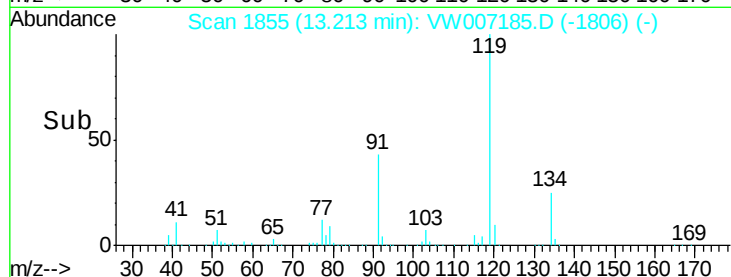
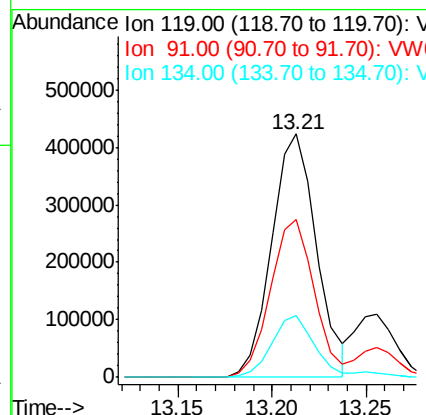
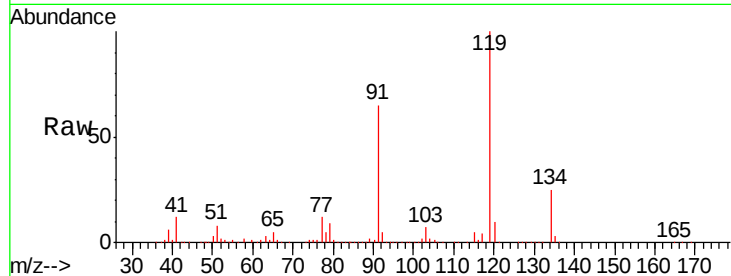
#83
tert-Butylbenzene
Concen: 147.020 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.4	34.0	101.8
134	25.6	13.2	39.5

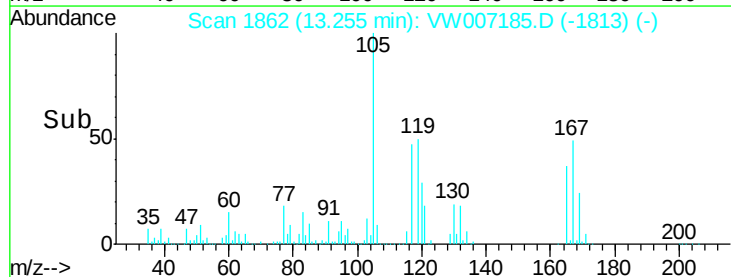
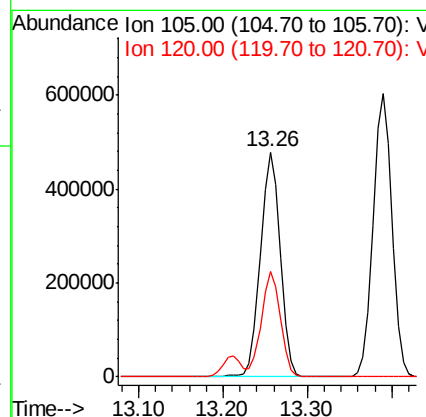
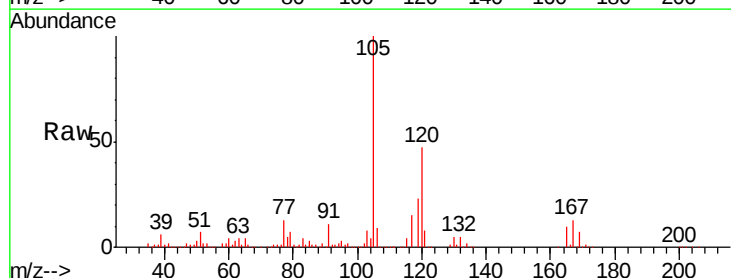
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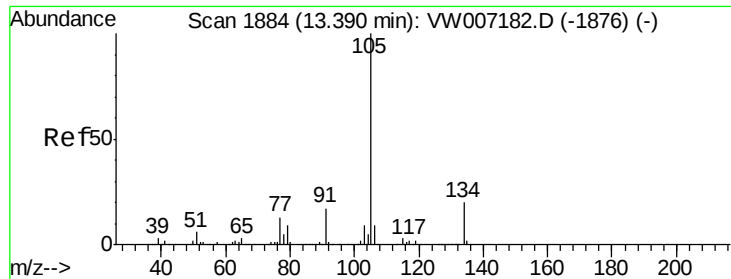
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#84
1,2,4-Trimethylbenzene
Concen: 139.137 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.1	63.3





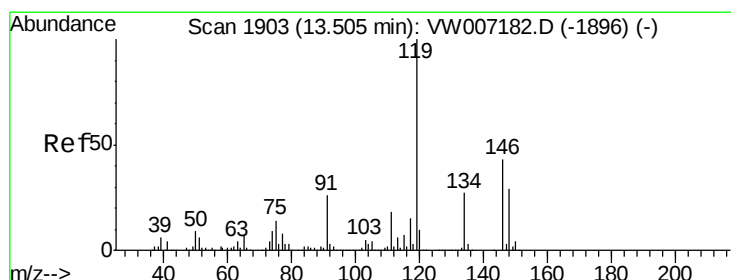
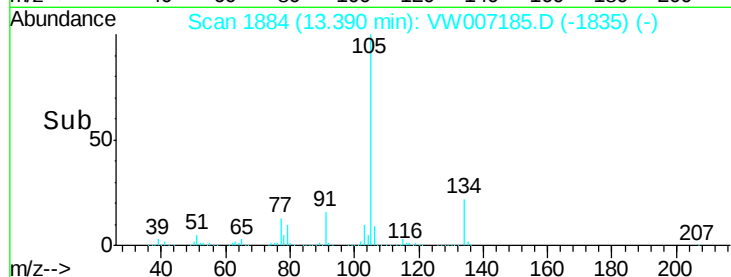
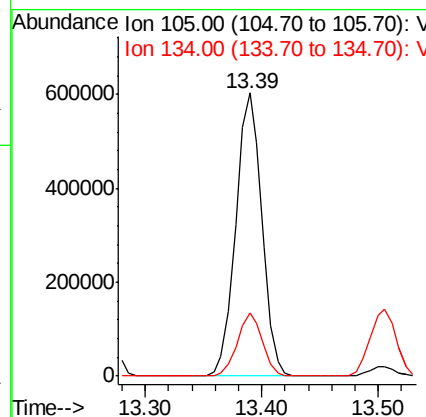
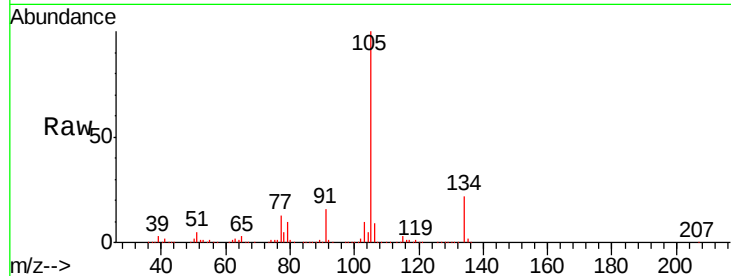
#85
 sec-Butylbenzene
 Concen: 138.846 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.3	30.8

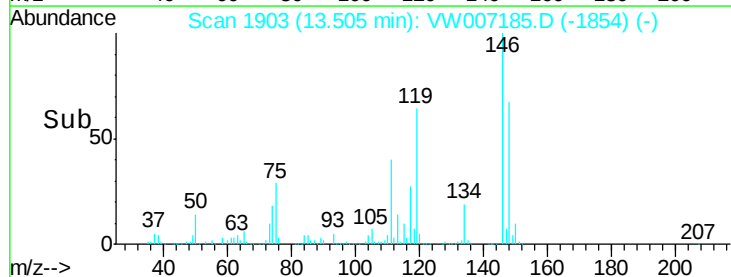
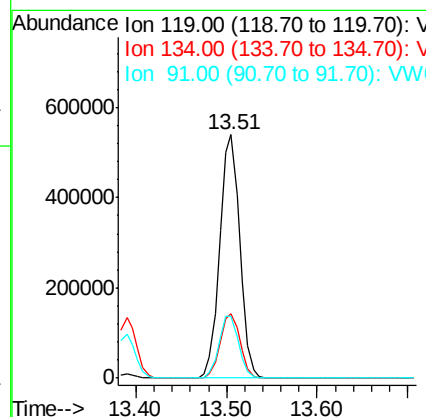
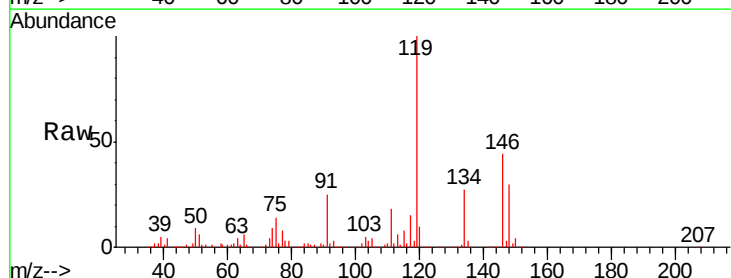
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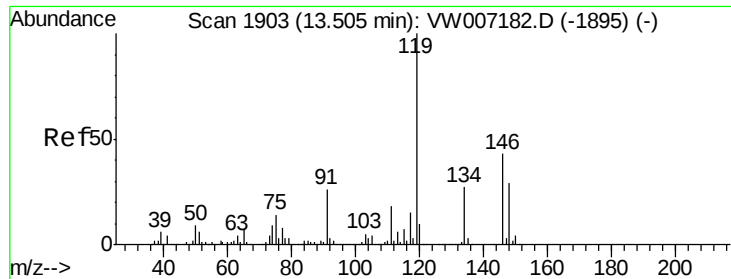
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#86
 p-Isopropyltoluene
 Concen: 138.606 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007185.D
 Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.2	39.6
91	25.2	12.4	37.2





#87

1,3-Dichlorobenzene

Concen: 138.280 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

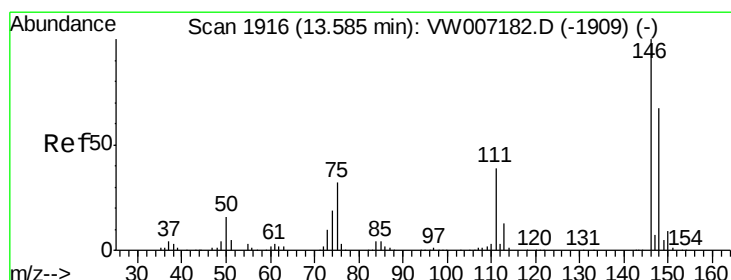
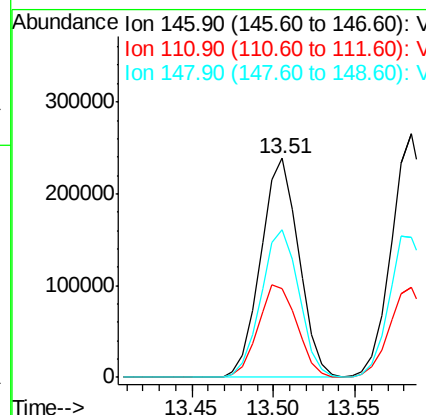
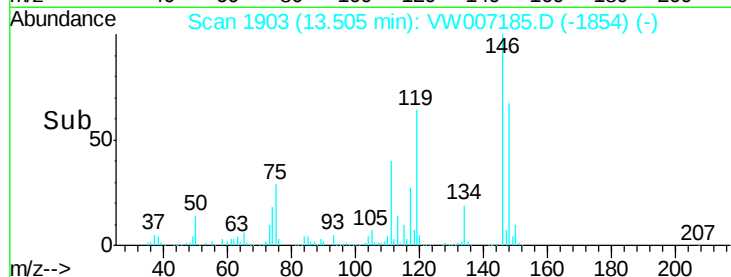
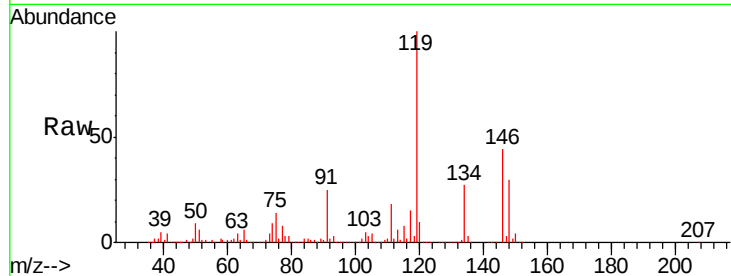
ClientSampleId :

VSTDIC150

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.4
148	67.1	32.8	98.4

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#88

1,4-Dichlorobenzene

Concen: 145.875 ug/l

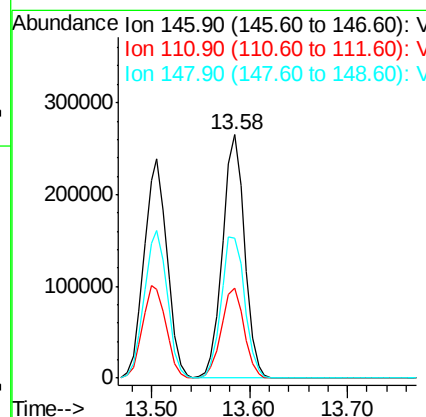
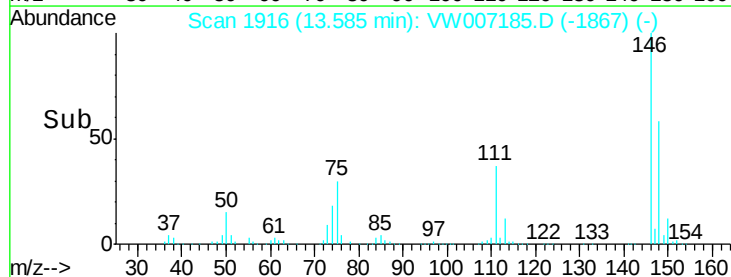
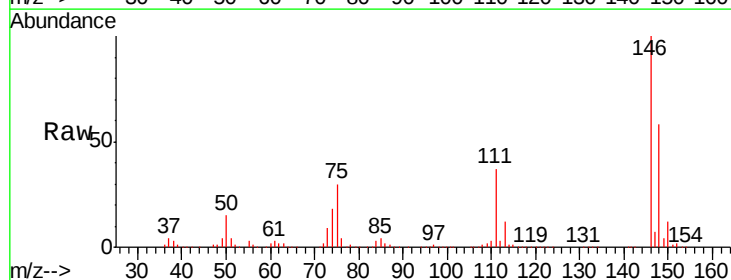
RT: 13.58 min Scan# 1916

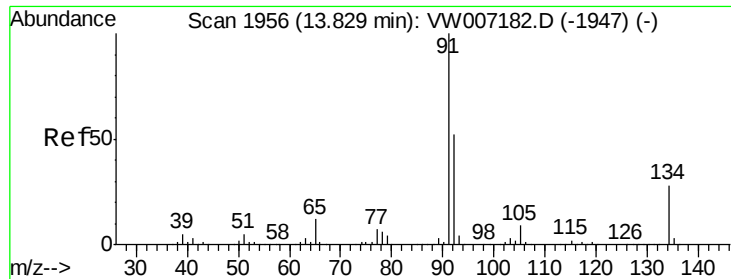
Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.6	58.8
148	62.4	32.6	98.0





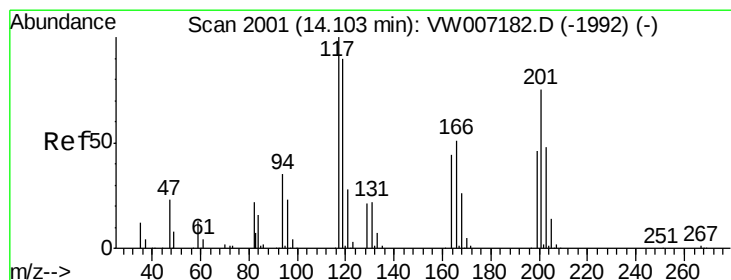
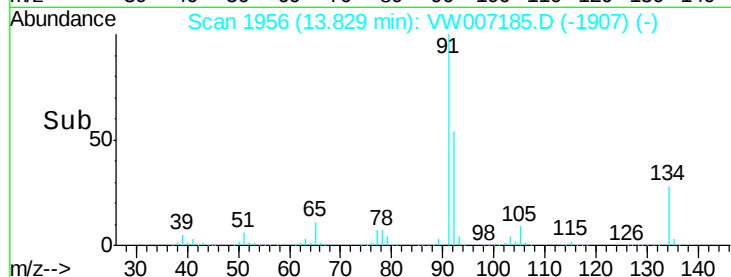
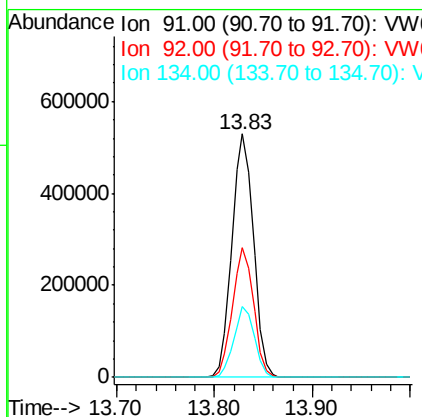
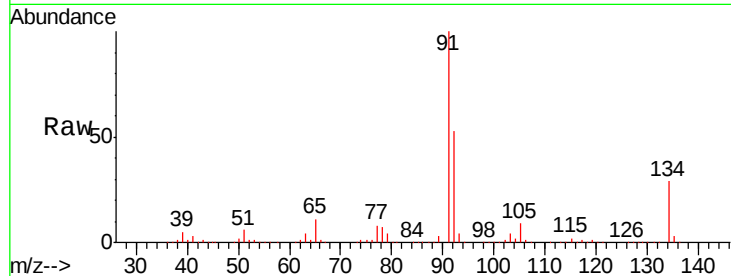
#89
n-Butylbenzene
Concen: 143.511 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 808287
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 27.8 14.1 42.2

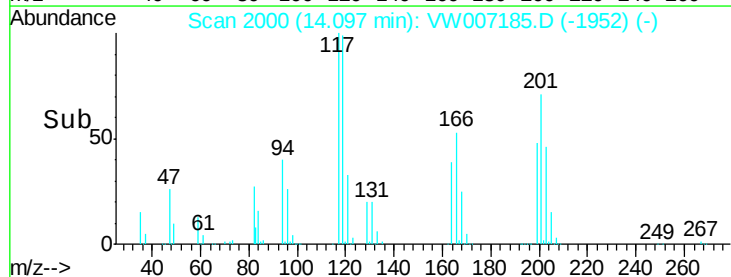
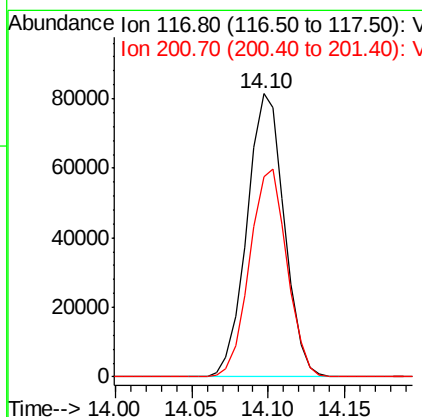
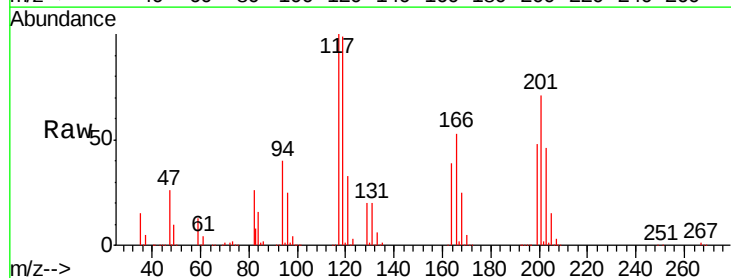
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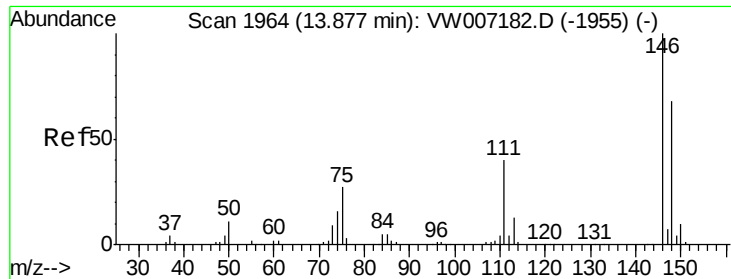
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#90
Hexachloroethane
Concen: 150.589 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion: 117 Resp: 138312
Ion Ratio Lower Upper
117 100
201 73.4 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 143.307 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

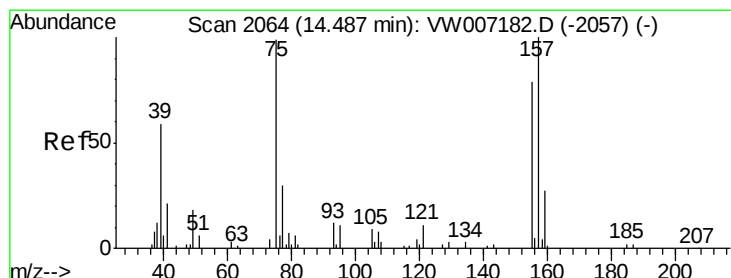
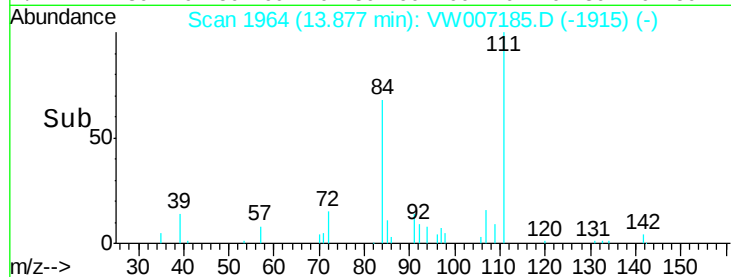
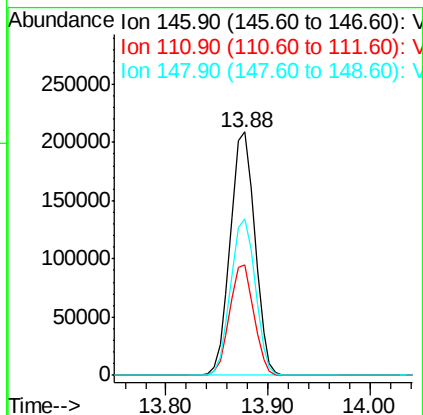
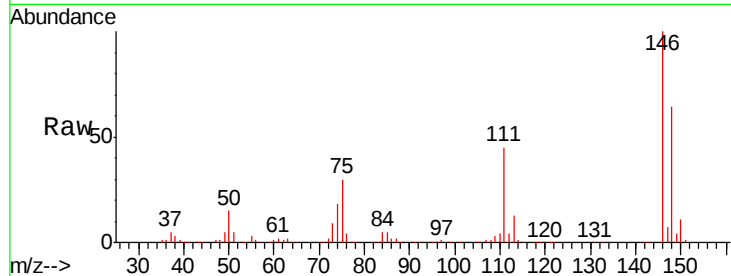
ClientSampled :

VSTDIC150

Tgt Ion:	146	Resp:	348744
Ion Ratio	Lower	Upper	
146	100		
111	44.7	21.6	65.0
148	64.4	32.7	98.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 156.000 ug/l

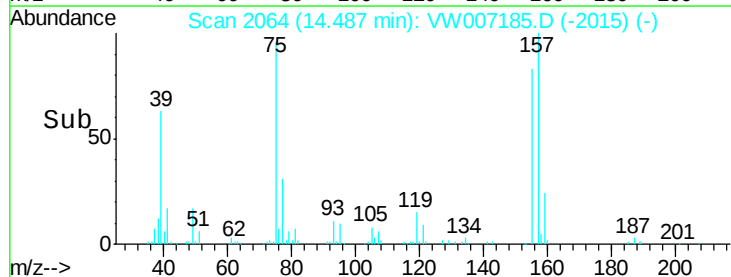
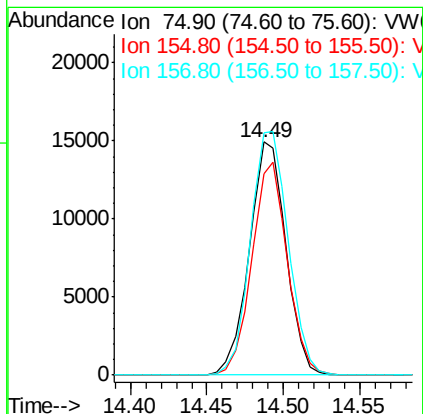
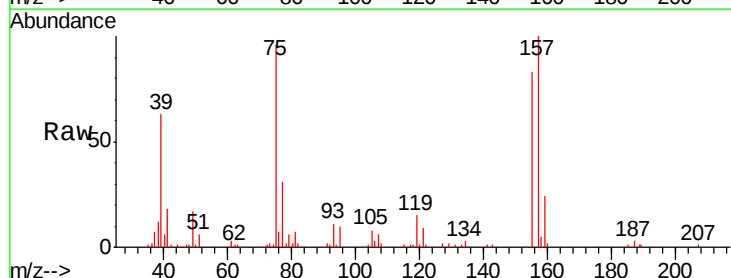
RT: 14.49 min Scan# 2064

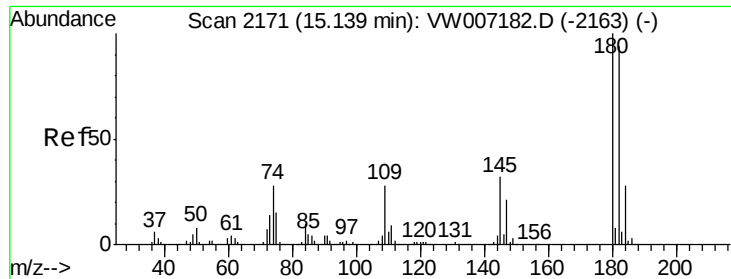
Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	75	Resp:	24898
Ion Ratio	Lower	Upper	
75	100		
155	88.3	42.4	127.2
157	107.9	55.3	165.9





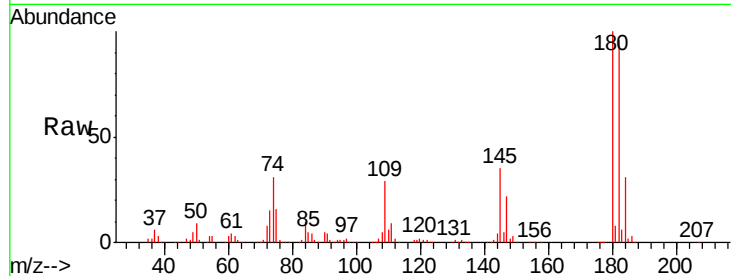
#93
1,2,4-Trichlorobenzene
Concen: 147.309 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

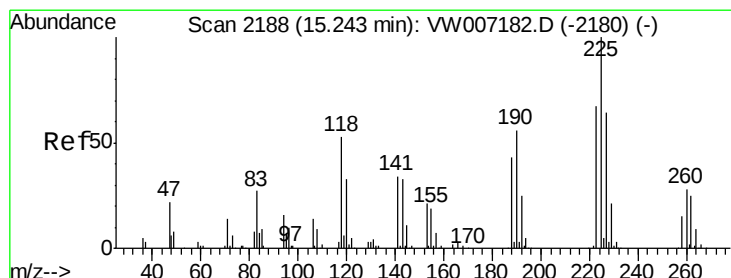
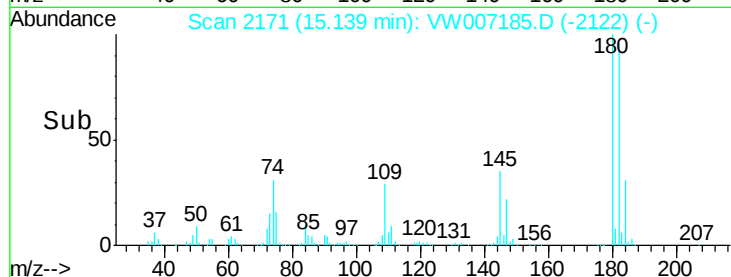
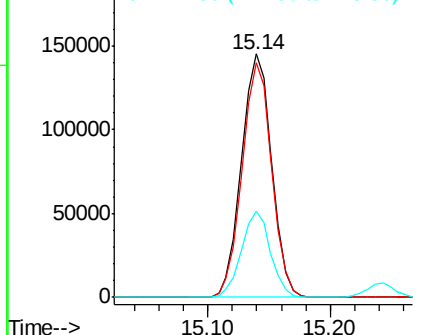
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	47.9	143.8
145	34.0	16.6	49.7

Manual Integrations
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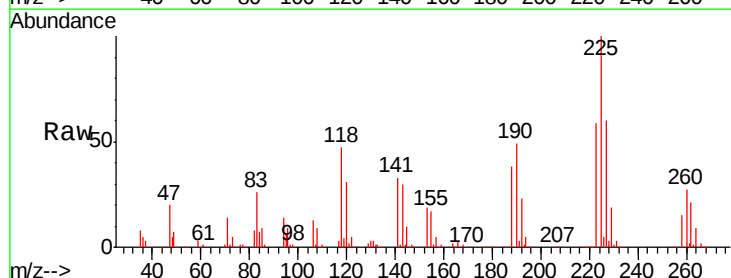


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

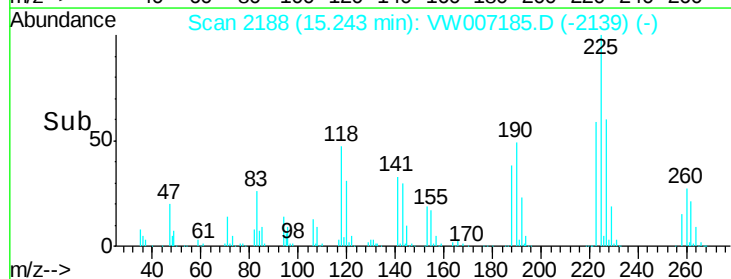
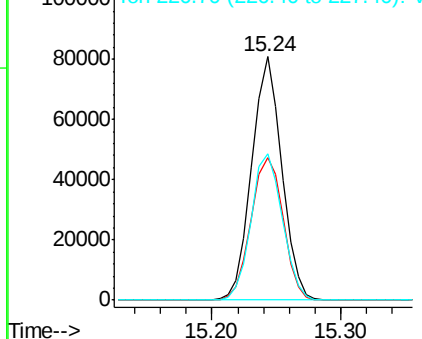


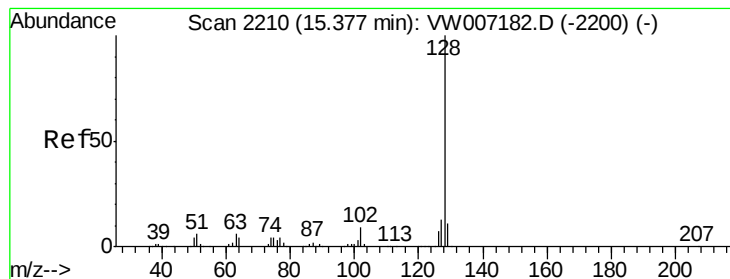
#94
Hexachlorobutadiene
Concen: 142.849 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007185.D
Acq: 04 Dec 2018 13:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.7	32.3	96.8
227	62.5	32.1	96.3



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





#95

Naphthalene

Concen: 157.062 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Instrument :

MSVOA_W

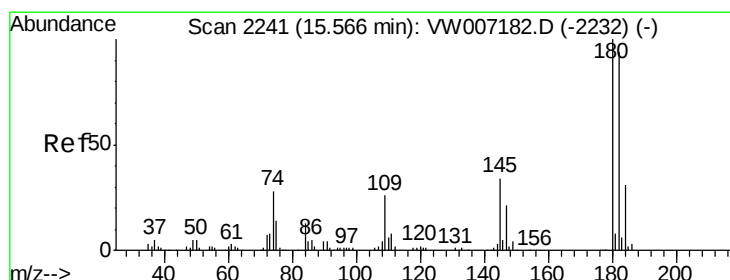
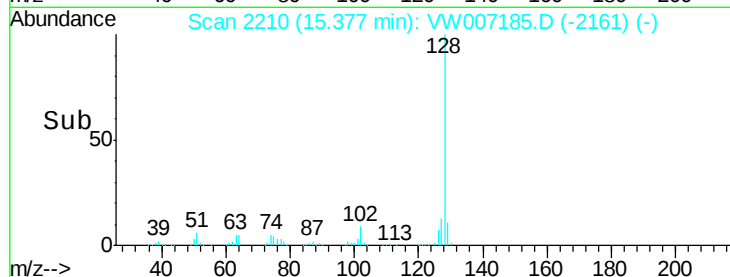
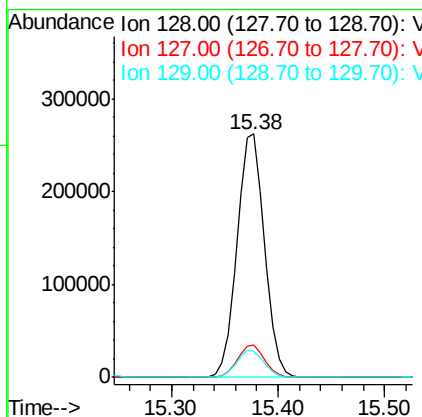
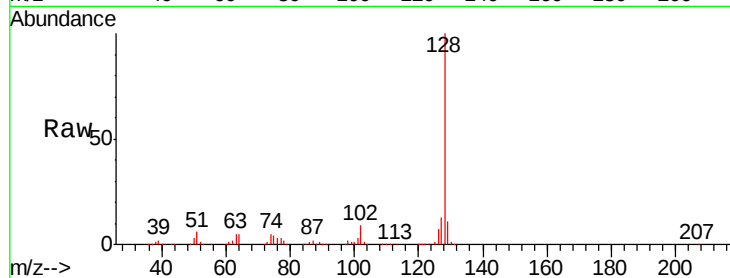
ClientSampleId :

VSTDIC150

Tgt Ion:	128	Resp:	474718
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 149.346 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007185.D

Acq: 04 Dec 2018 13:45

Tgt Ion:	180	Resp:	212379
Ion Ratio		Lower	Upper
180	100		
182	96.4	47.4	142.2
145	35.9	17.6	52.8

