

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007253.D
 Acq On : 06 Dec 2018 00:42
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/6/2018 12:56:14 PM

Quant Time: Dec 06 07:21:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	151060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	67775	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45331	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	7.89	113	44463	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.33	98	196055	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.62	95	72466	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48696	47.142	ug/l	100
3) Chloromethane	2.22	50	59152	45.219	ug/l	97
4) Vinyl Chloride	2.36	62	41235	50.346	ug/l	99
5) Bromomethane	2.76	94	26347	64.195	ug/l	94
6) Chloroethane	2.92	64	24673	53.689	ug/l	98
7) Trichlorofluoromethane	3.26	101	79696	49.909	ug/l	98
8) Diethyl Ether	3.69	74	23675	53.190	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47929	49.687	ug/l	98
10) Methyl Iodide	4.27	142	42620	51.866	ug/l	100
11) Tert butyl alcohol	5.17	59	18058	212.370	ug/l	98
12) 1,1-Dichloroethene	4.04	96	45695	50.548	ug/l	97
13) Acrolein	3.90	56	14780	239.961	ug/l	99
14) Allyl chloride	4.68	41	73424	50.672	ug/l	97
15) Acrylonitrile	5.38	53	49762	267.429	ug/l	99
16) Acetone	4.12	43	43573	209.388	ug/l	99
17) Carbon Disulfide	4.38	76	148144	49.716	ug/l	99
18) Methyl Acetate	4.68	43	24107	50.751	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	116025	54.513	ug/l	99
20) Methylene Chloride	4.93	84	58439	56.436	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	53003	52.510	ug/l	95
22) Diisopropyl ether	6.32	45	146224	56.214	ug/l	96
23) Vinyl Acetate	6.26	43	382015	269.151	ug/l	99
24) 1,1-Dichloroethane	6.23	63	89651	53.773	ug/l	99
25) 2-Butanone	7.17	43	58220	241.349	ug/l	97
26) 2,2-Dichloropropane	7.17	77	78461	48.972	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58665	54.216	ug/l	100
28) Bromochloromethane	7.52	49	32354	53.819	ug/l	98
29) Tetrahydrofuran	7.53	42	38540	258.540	ug/l	100
30) Chloroform	7.68	83	96554	55.725	ug/l	99
31) Cyclohexane	7.96	56	83570	47.908	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	89740	55.035	ug/l	99
36) 1,1-Dichloropropene	8.09	75	76110	51.781	ug/l	100
37) Ethyl Acetate	7.26	43	26805	50.416	ug/l	99
38) Carbon Tetrachloride	8.07	117	78045	52.022	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96611	49.100	ug/l	97
40) Benzene	8.33	78	221668	54.998	ug/l	98
41) Methacrylonitrile	7.49	41	16171	50.778	ug/l	93
42) 1,2-Dichloroethane	8.40	62	60156	53.404	ug/l	99
43) Isopropyl Acetate	8.43	43	54167	52.456	ug/l	99
44) Trichloroethene	9.10	130	60875	53.732	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49622	52.906	ug/l	99
46) Dibromomethane	9.46	93	25747	52.828	ug/l	98
47) Bromodichloromethane	9.65	83	70053	54.643	ug/l	100
48) Methyl methacrylate	9.44	41	28132	52.491	ug/l	96
49) 1,4-Dioxane	9.44	88	9561	1122.986	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	138143	271.464	ug/l	99
52) Toluene	10.39	92	151530	54.047	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	68854	53.420	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79664	52.740	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	36520	52.679	ug/l	93
56) Ethyl methacrylate	10.65	69	50322	55.647	ug/l	96
57) 1,3-Dichloropropane	10.94	76	60093	51.343	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94007	258.812	ug/l	99
59) 2-Hexanone	10.97	43	95894	259.949	ug/l	100
60) Dibromochloromethane	11.13	129	46017	54.008	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37299	56.095	ug/l	98
64) Tetrachloroethene	10.87	164	56726	56.186	ug/l	97
65) Chlorobenzene	11.66	112	168504	54.599	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	52399	54.976	ug/l	100
67) Ethyl Benzene	11.74	91	290178	51.588	ug/l	98
68) m/p-Xylenes	11.84	106	226168	102.493	ug/l	94
69) o-Xylene	12.17	106	111791	54.223	ug/l	100
70) Styrene	12.19	104	178170	52.793	ug/l	96
71) Bromoform	12.35	173	26098	54.698	ug/l #	99
73) Isopropylbenzene	12.47	105	305290	55.383	ug/l	98
74) N-amyl acetate	12.27	43	54948	56.222	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38117	53.243	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	25721m	49.012	ug/l	
77) Bromobenzene	12.75	156	67042	56.344	ug/l	97
78) n-propylbenzene	12.81	91	353888	53.886	ug/l	96
79) 2-Chlorotoluene	12.90	91	197616	53.286	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	246736	52.322	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	12879	52.895	ug/l	98
82) 4-Chlorotoluene	12.99	91	212503	53.862	ug/l	97
83) tert-Butylbenzene	13.21	119	223283	54.181	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	251297	52.205	ug/l	94
85) sec-Butylbenzene	13.39	105	312219	53.069	ug/l	98
86) p-Isopropyltoluene	13.51	119	275357	52.577	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	134883	55.221	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	130902	53.054	ug/l	97
89) n-Butylbenzene	13.83	91	243996	49.856	ug/l	99
90) Hexachloroethane	14.10	117	42572	53.342	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	114455	54.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7510	54.152	ug/l	97

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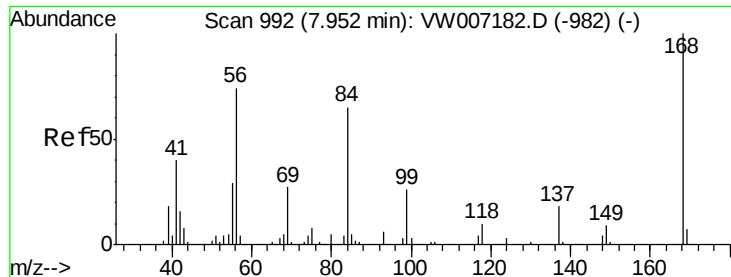
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79335	54.138	ug/l	98
94) Hexachlorobutadiene	15.24	225	44291	56.048	ug/l	96
95) Naphthalene	15.38	128	140087	53.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	66189	53.565	ug/l	99

(#) = 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: VW007253.D

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Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 94414

Ion Ratio Lower Upper

168 100

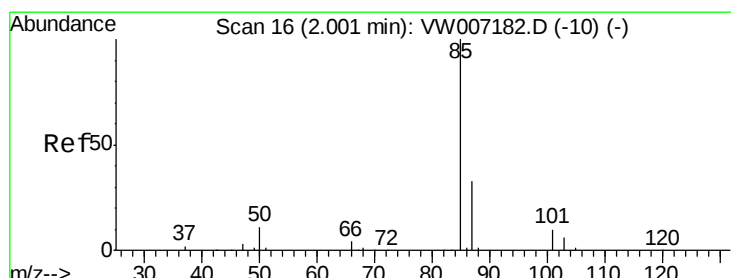
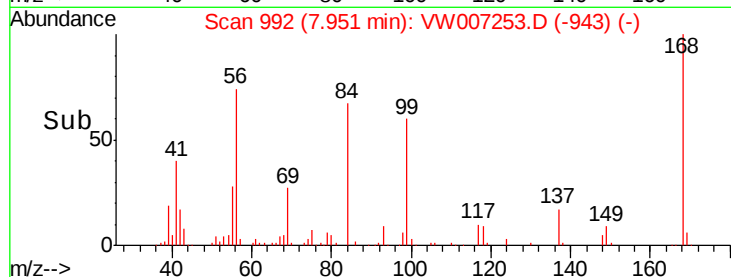
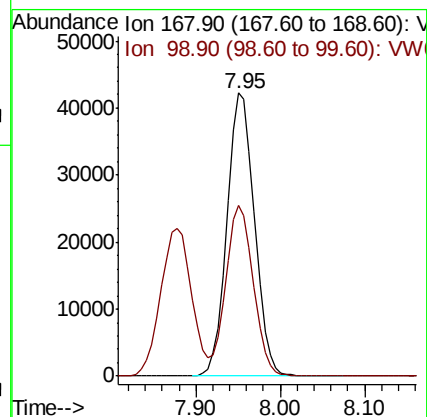
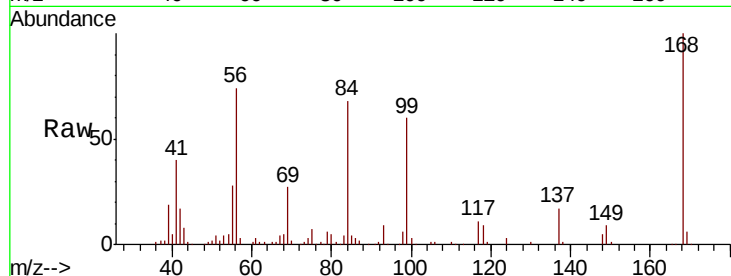
99 60.5 47.8 71.8

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#2

Dichlorodifluoromethane

Concen: 47.142 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007253.D

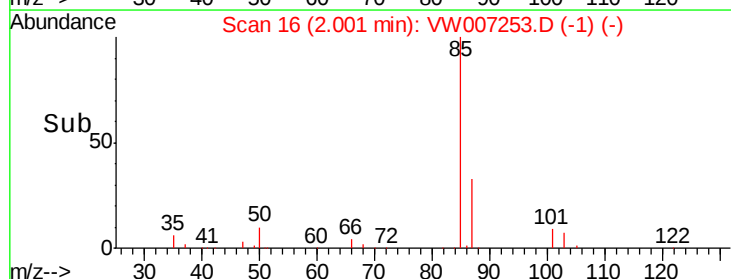
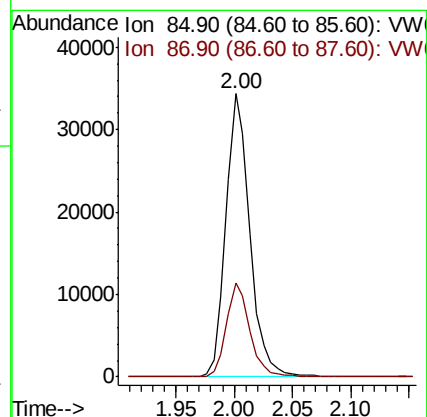
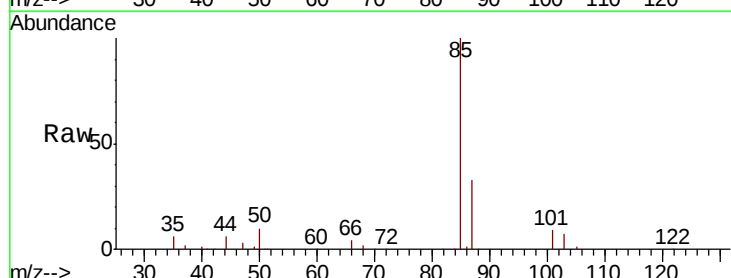
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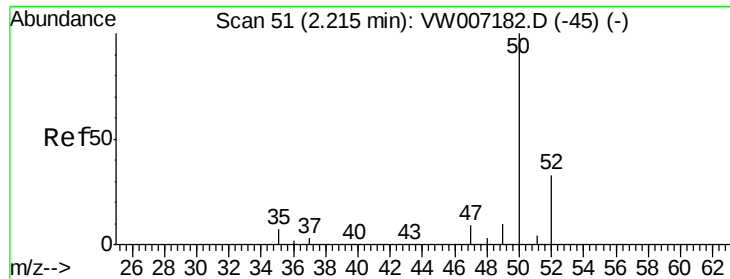
Tgt Ion: 85 Resp: 48696

Ion Ratio Lower Upper

85 100

87 33.2 16.5 49.5





#3

Chloromethane

Concen: 45.219 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 59152

Ion Ratio Lower Upper

50 100

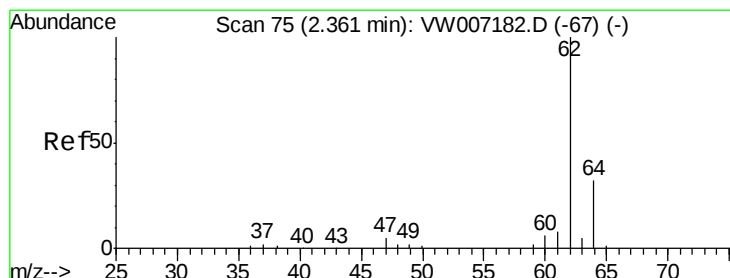
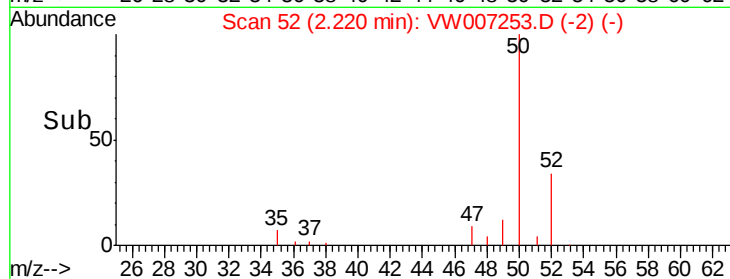
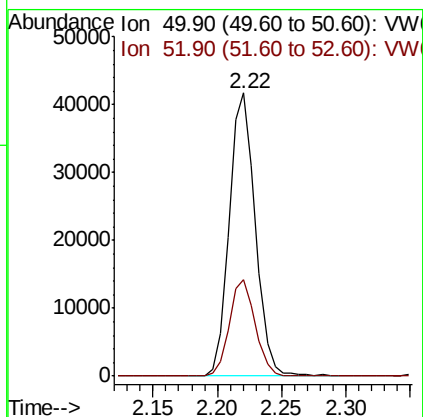
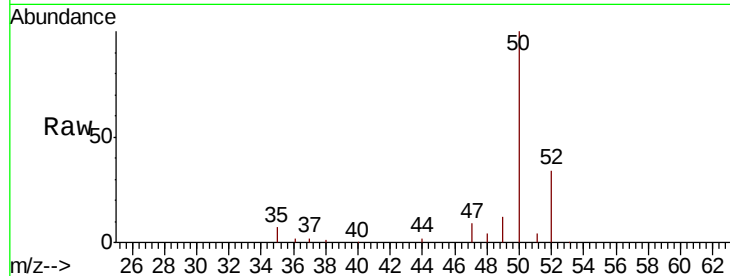
52 34.2 26.2 39.2

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#4

Vinyl Chloride

Concen: 50.346 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007253.D

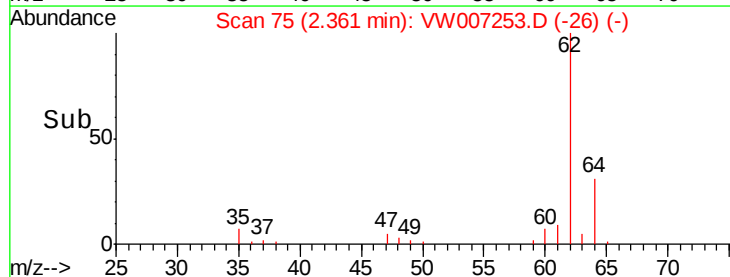
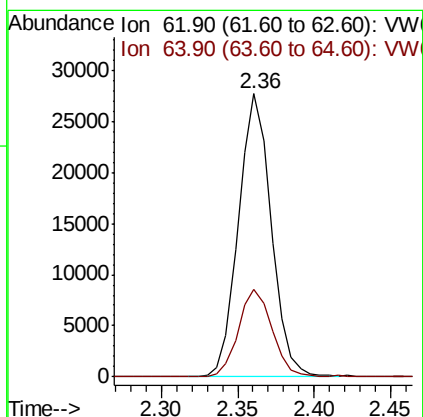
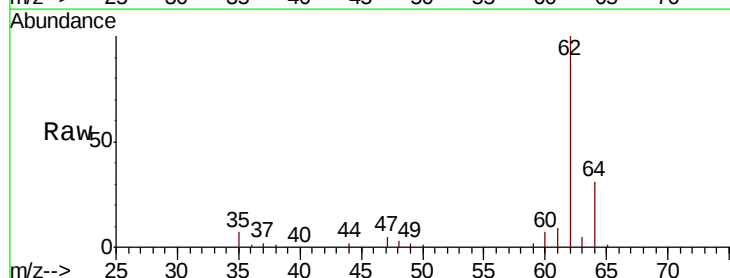
Acq: 06 Dec 2018 00:42

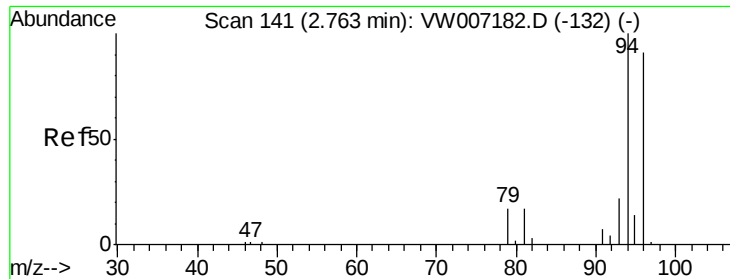
Tgt Ion: 62 Resp: 41235

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 64.195 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

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Tgt Ion: 94 Resp: 26347

Ion Ratio Lower Upper

94 100

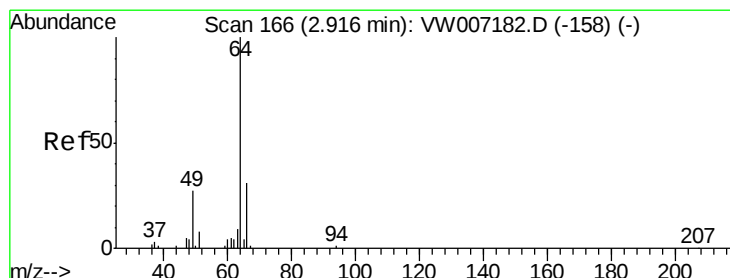
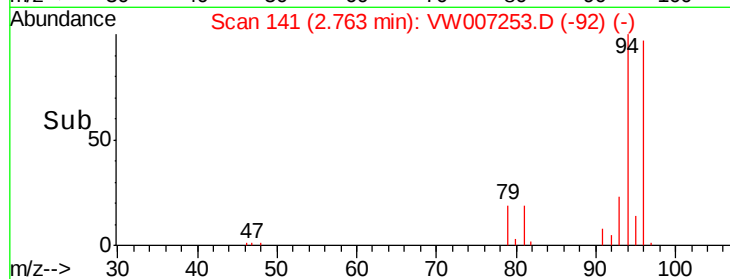
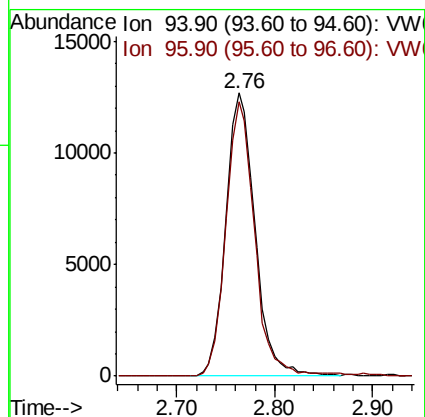
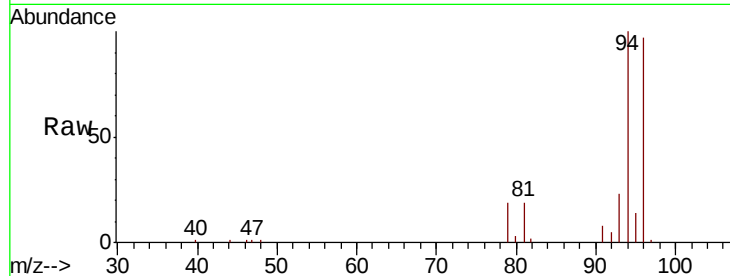
96 97.0 72.8 109.2

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#6

Chloroethane

Concen: 53.689 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007253.D

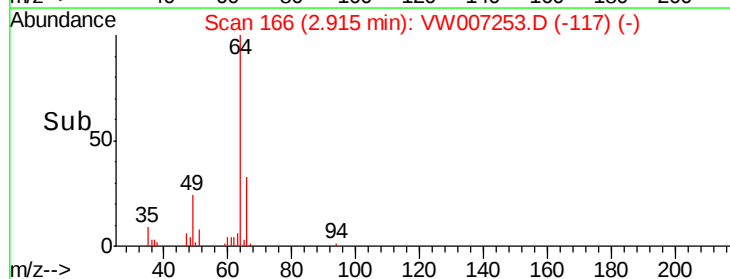
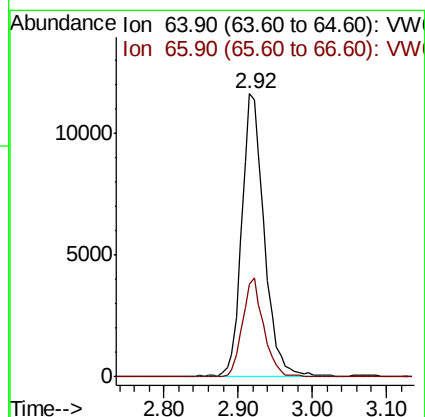
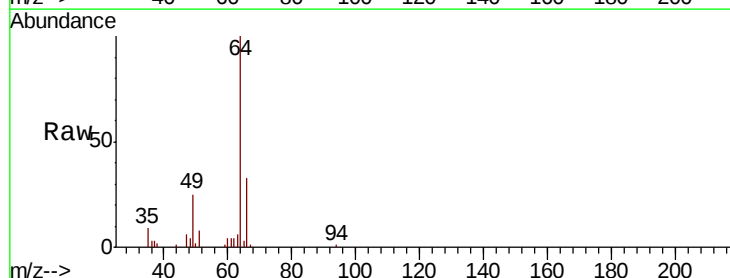
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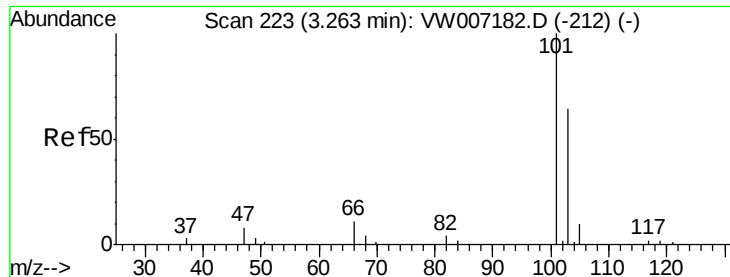
Tgt Ion: 64 Resp: 24673

Ion Ratio Lower Upper

64 100

66 32.6 25.0 37.6





#7

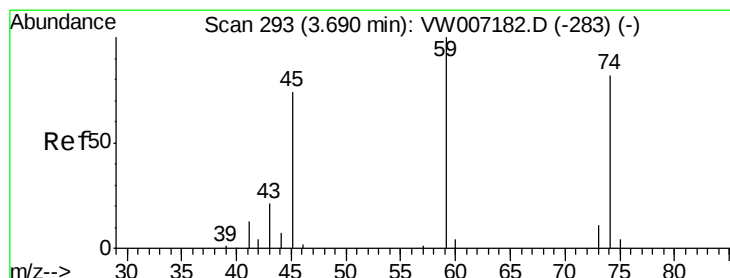
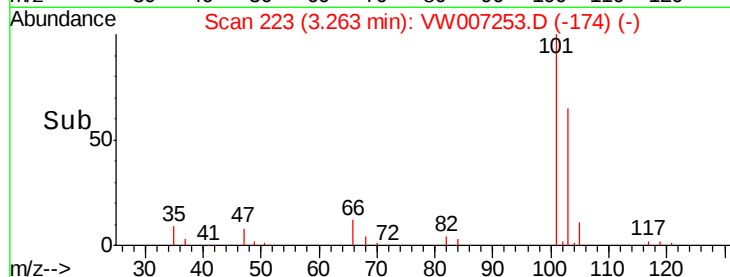
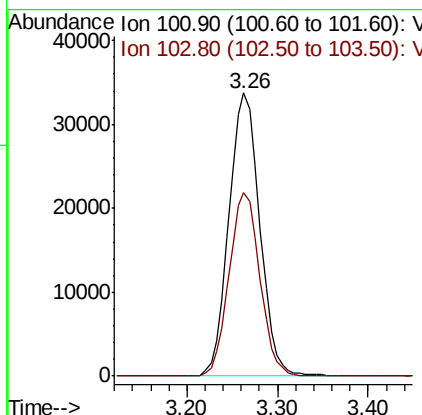
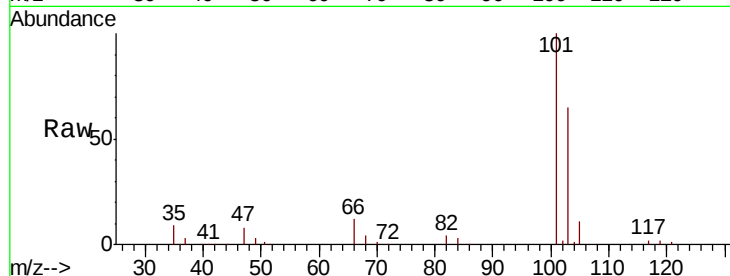
Trichlorofluoromethane
 Concen: 49.909 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007253.D
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 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.9	76.3

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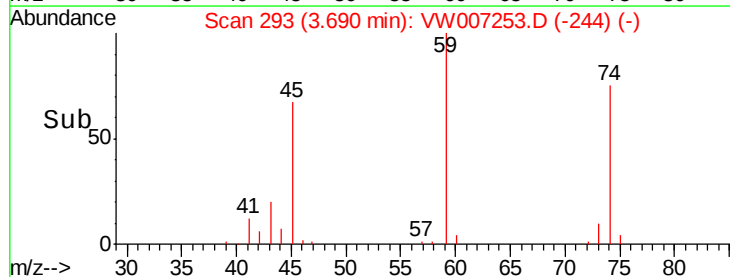
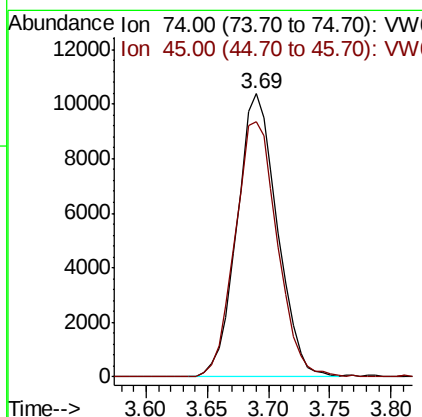
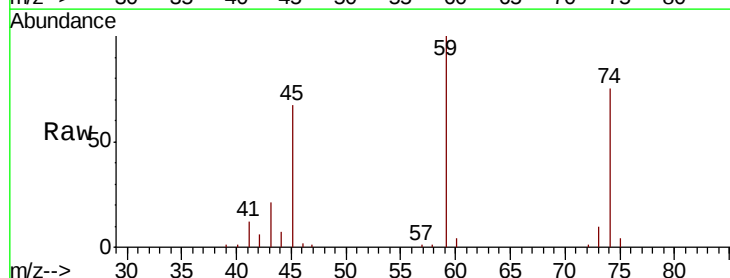
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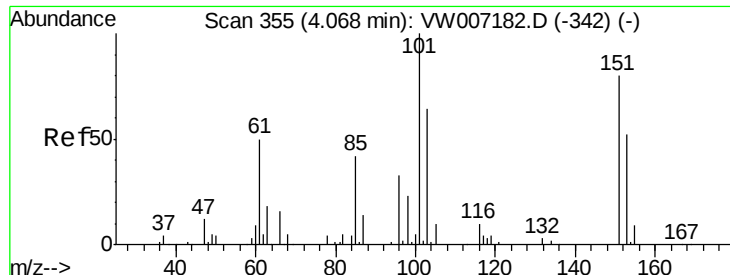


#8

Diethyl Ether
 Concen: 53.190 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.687 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

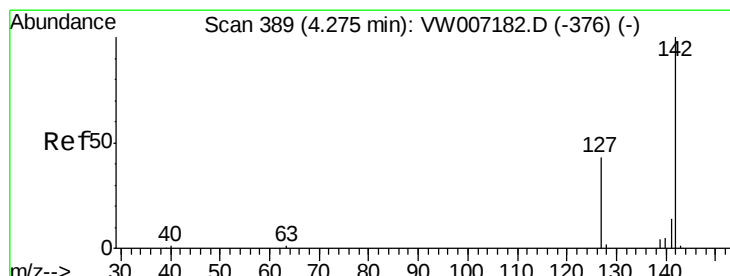
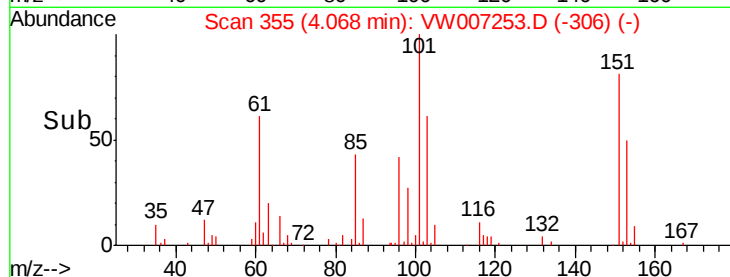
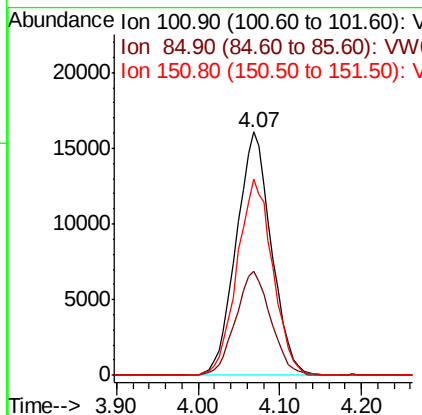
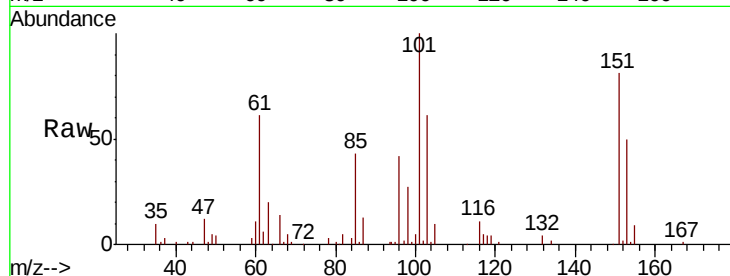
ClientSampleId :

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Tgt Ion:	101	Resp:	47929
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.4	50.2
151	81.8	63.9	95.9

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#10

Methyl Iodide

Concen: 51.866 ug/l

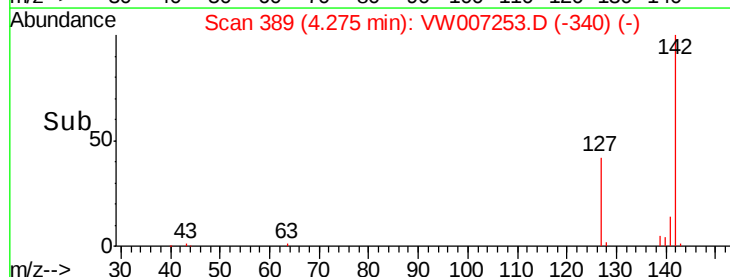
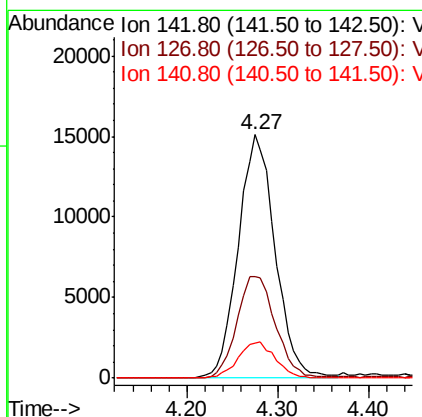
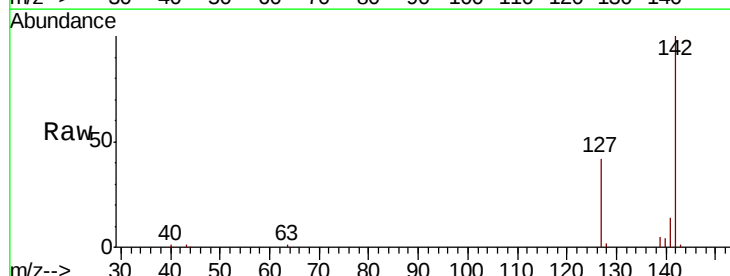
RT: 4.27 min Scan# 389

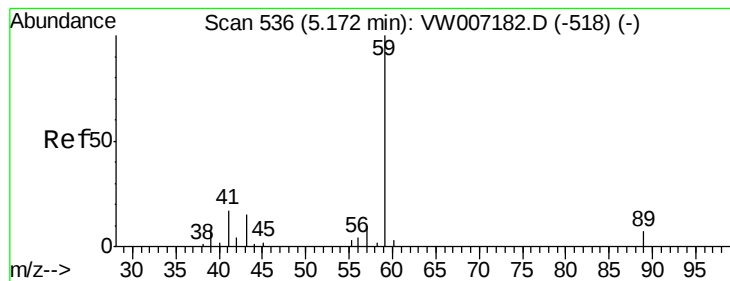
Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Tgt Ion:	142	Resp:	42620
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.9	52.3
141	14.8	11.7	17.5





#11

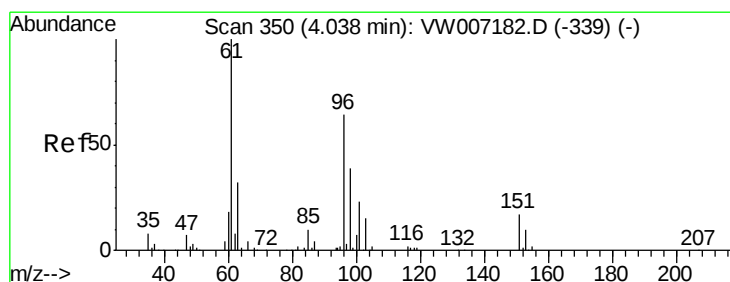
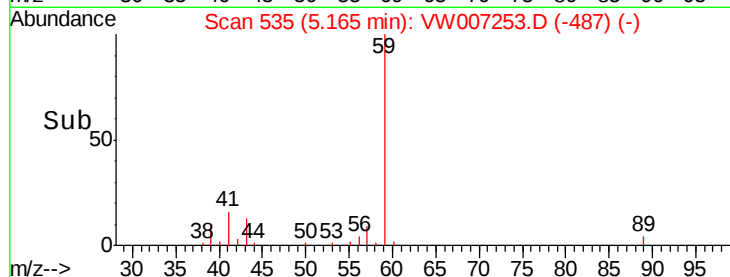
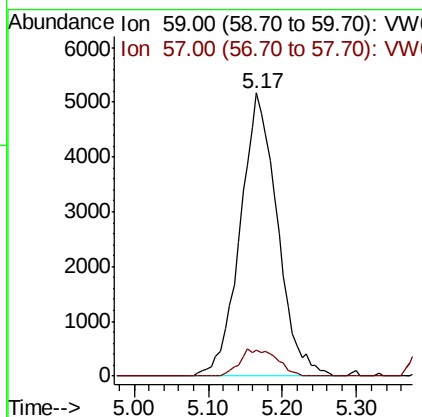
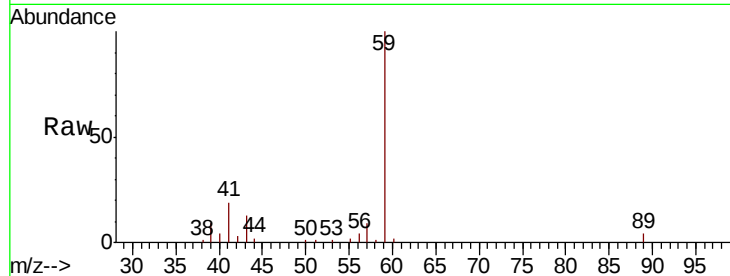
Tert butyl alcohol
 Concen: 212.370 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.1	10.7

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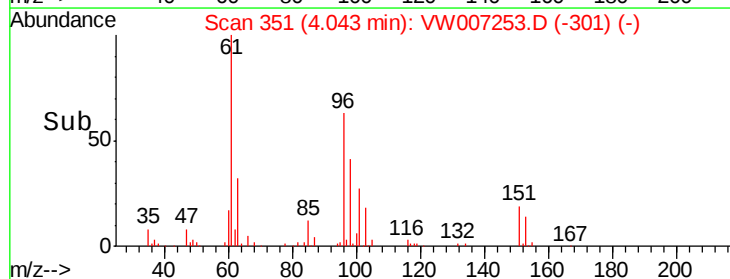
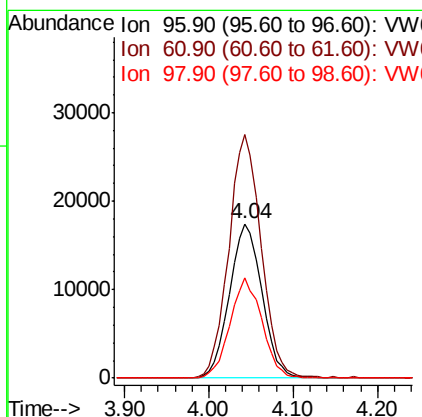
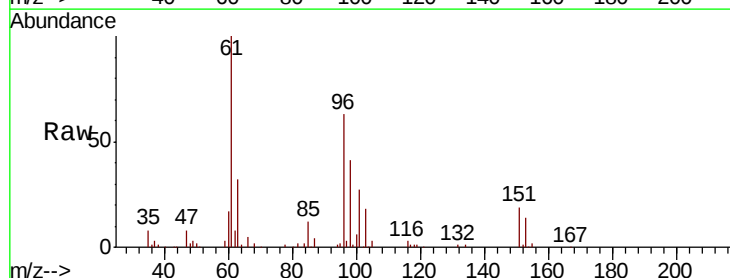
apatel
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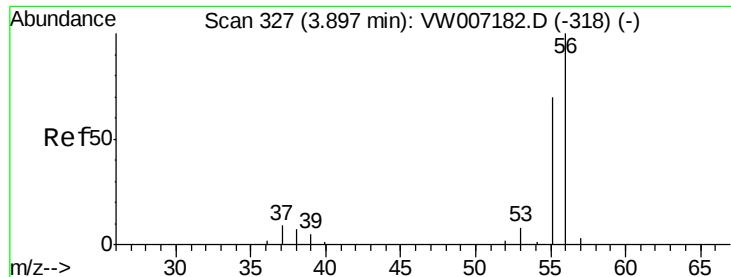


#12

1,1-Dichloroethene
 Concen: 50.548 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	124.1	186.1
98	65.1	48.6	72.8





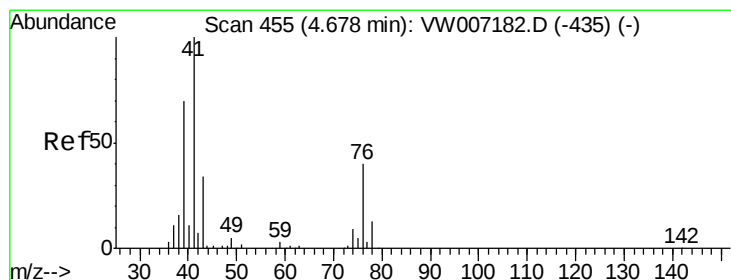
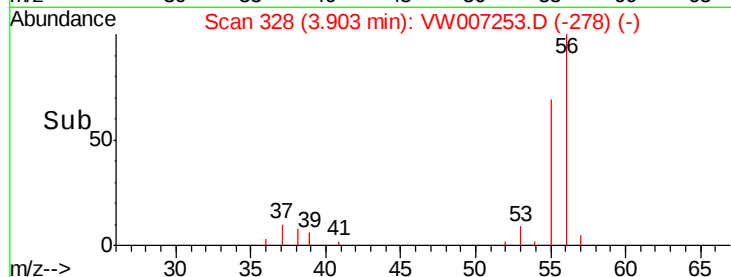
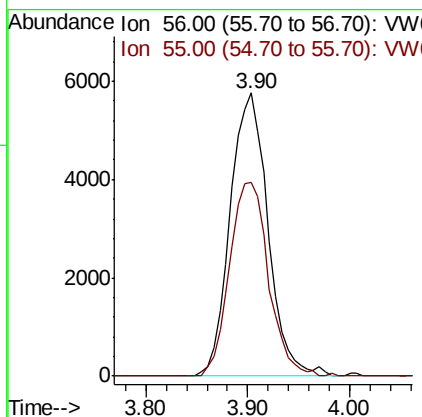
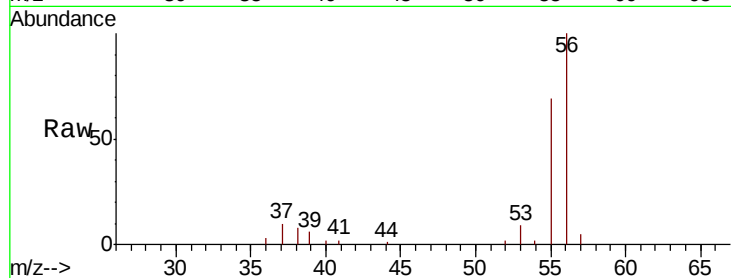
#13
Acrolein
Concen: 239.961 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 14780
Ion Ratio Lower Upper
56 100
55 70.5 56.9 85.3

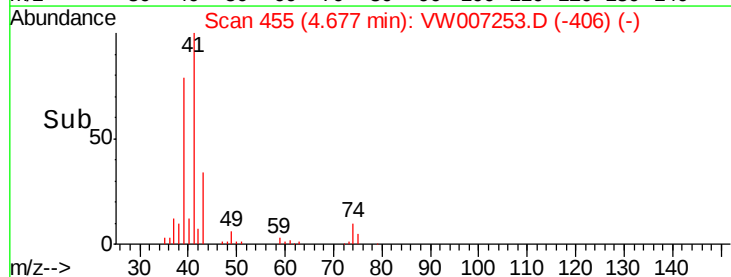
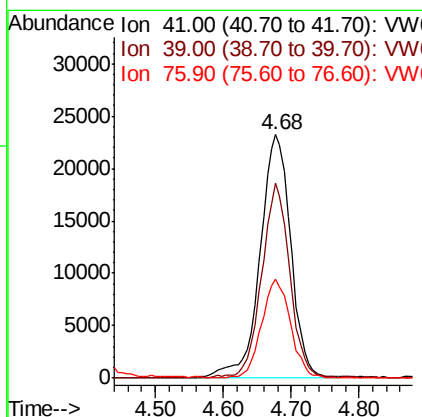
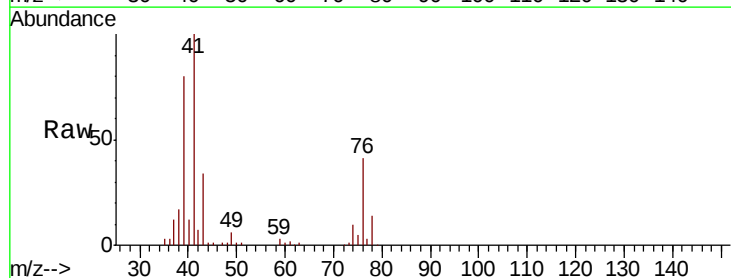
Manual Integrations
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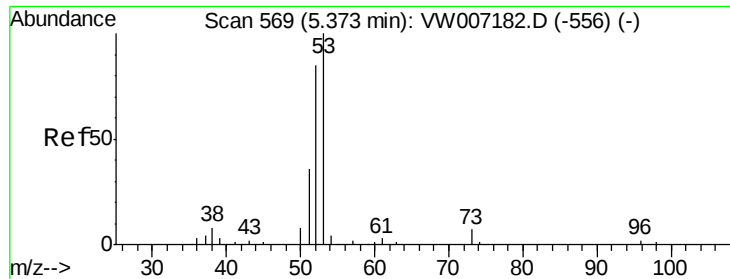
apatel
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#14
Allyl chloride
Concen: 50.672 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 41 Resp: 73424
Ion Ratio Lower Upper
41 100
39 73.3 55.9 83.9
76 38.2 30.8 46.2





#15

Acrylonitrile

Concen: 267.429 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

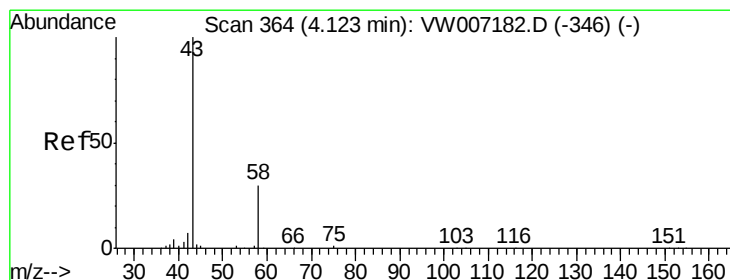
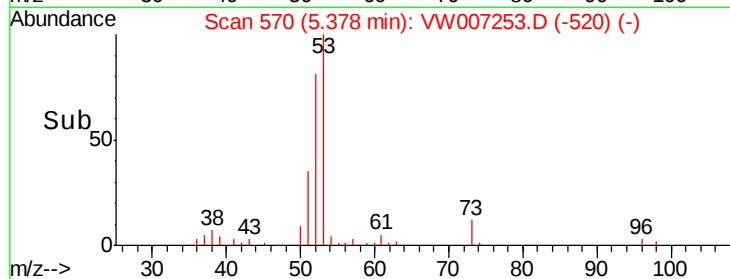
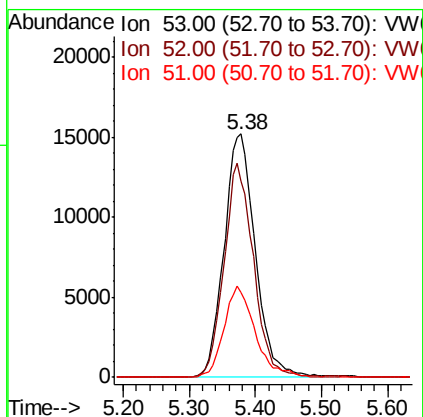
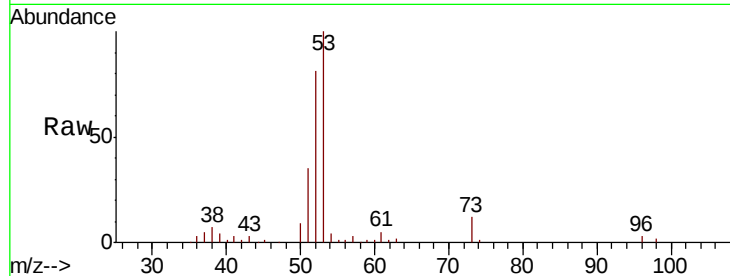
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	49762
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.1	99.1
51	37.4	30.3	45.5

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#16

Acetone

Concen: 209.388 ug/l

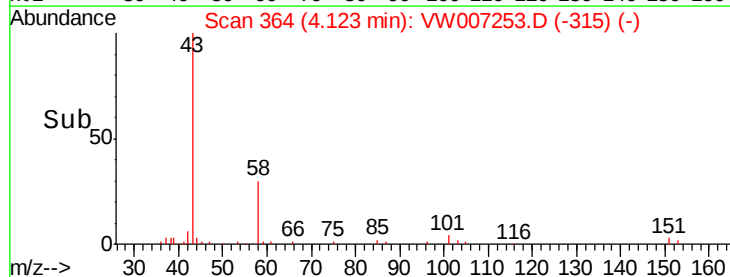
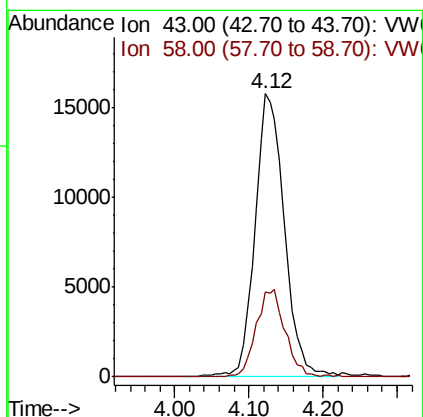
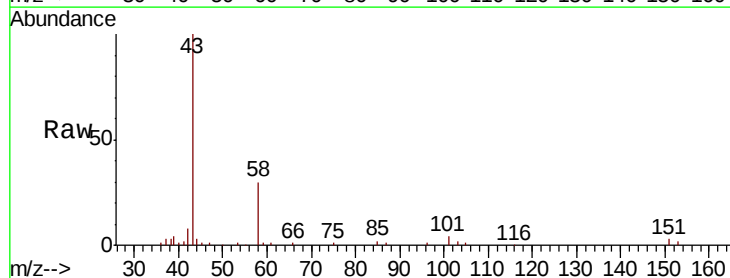
RT: 4.12 min Scan# 364

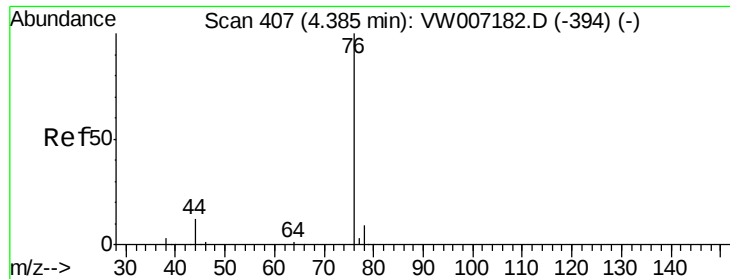
Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Tgt Ion:	43	Resp:	43573
Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.8	35.8





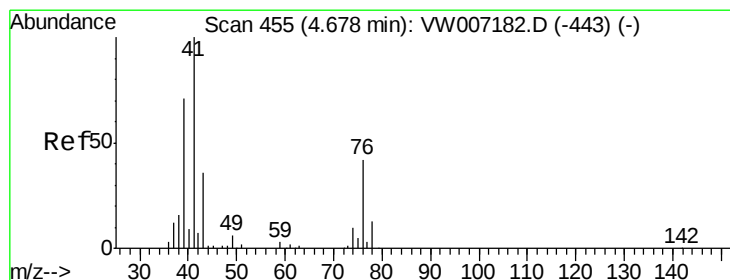
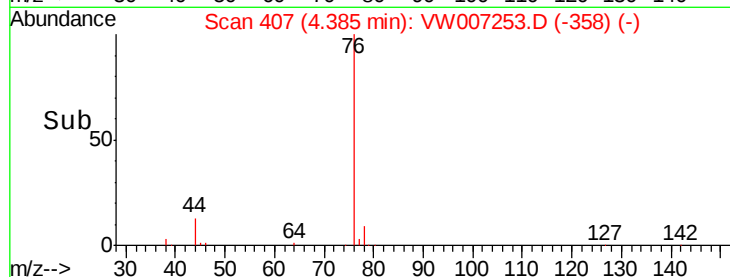
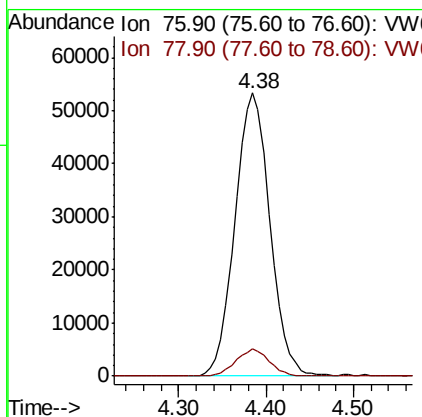
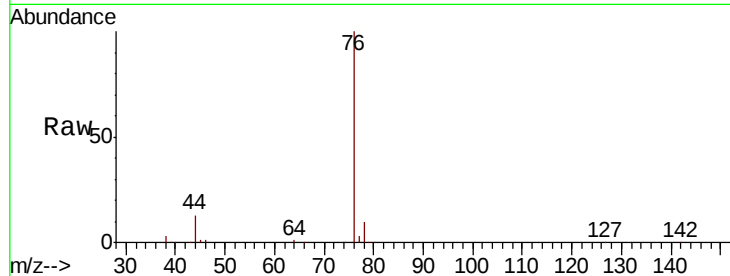
#17
Carbon Disulfide
Concen: 49.716 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 148144
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

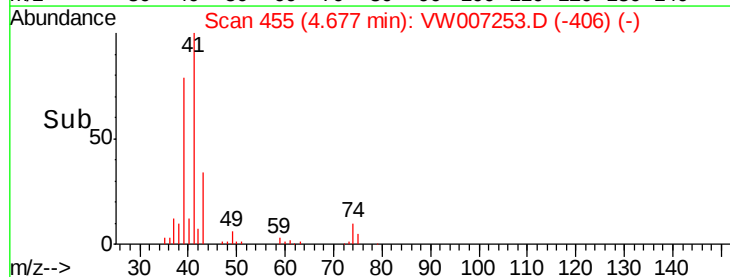
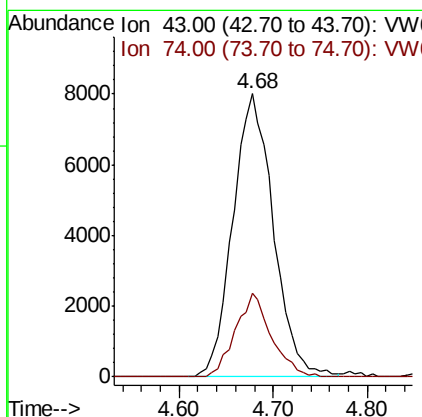
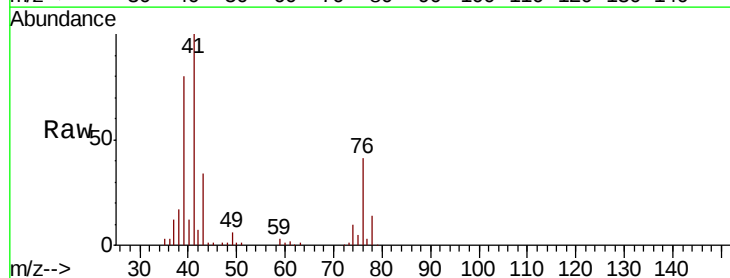
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#18
Methyl Acetate
Concen: 50.751 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 43 Resp: 24107
Ion Ratio Lower Upper
43 100
74 26.0 20.1 30.1





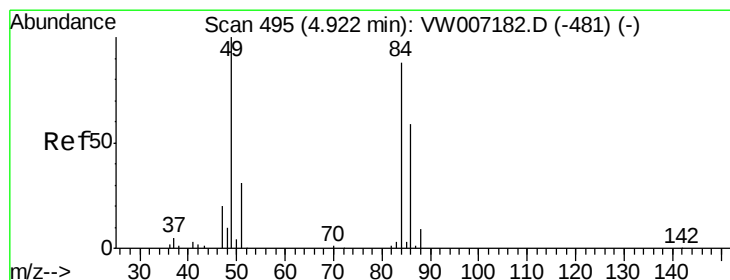
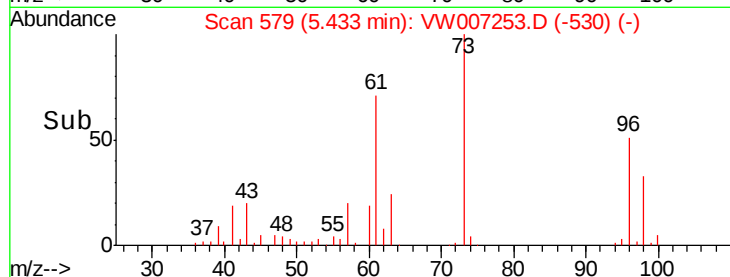
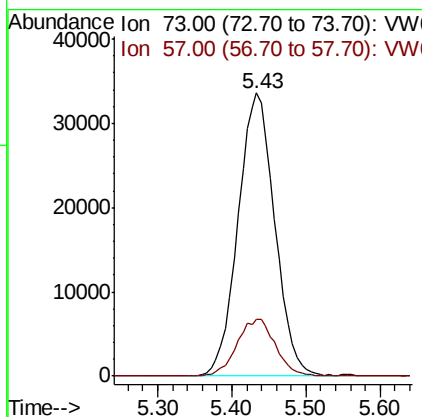
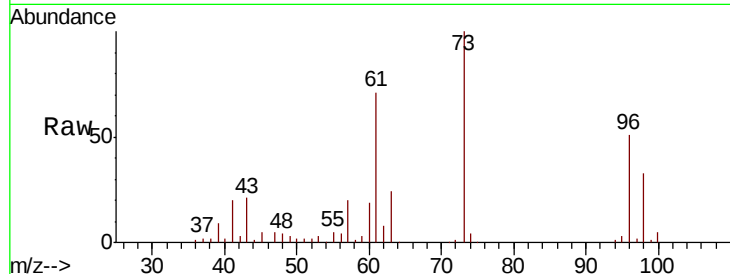
#19
Methyl tert-butyl Ether
Concen: 54.513 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 116025
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

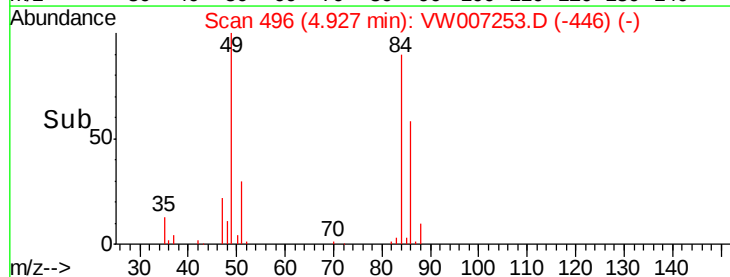
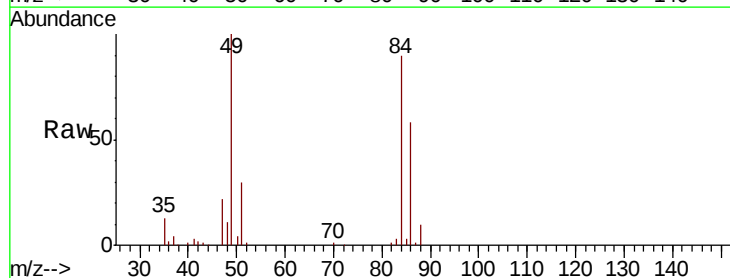
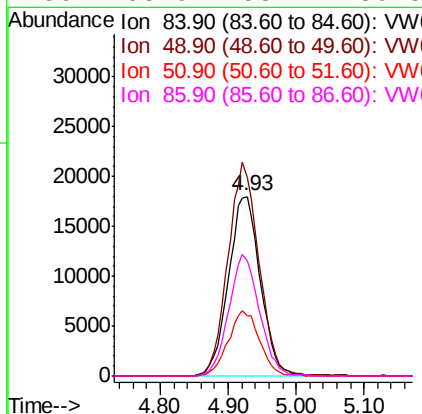
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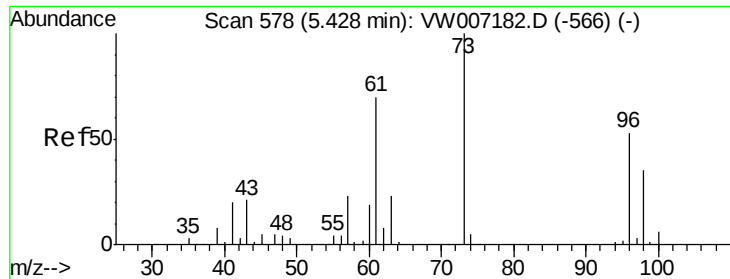
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#20
Methylene Chloride
Concen: 56.436 ug/l
RT: 4.93 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 84 Resp: 58439
Ion Ratio Lower Upper
84 100
49 111.0 90.6 135.8
51 33.6 27.6 41.4
86 63.9 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 52.510 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

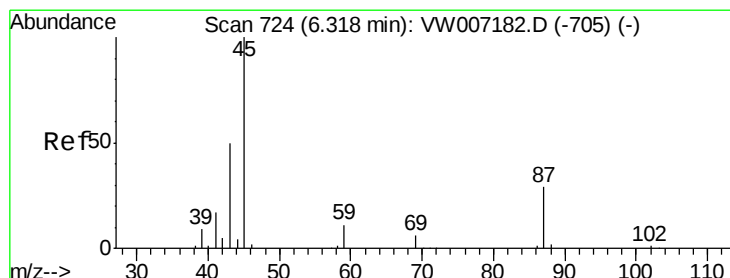
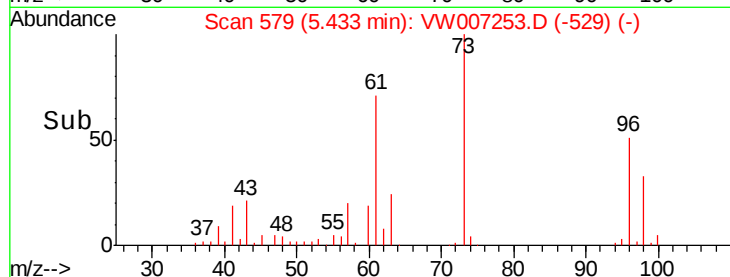
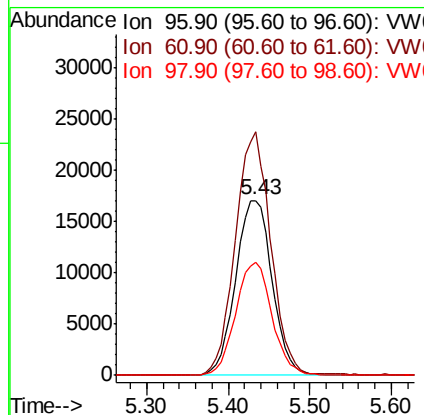
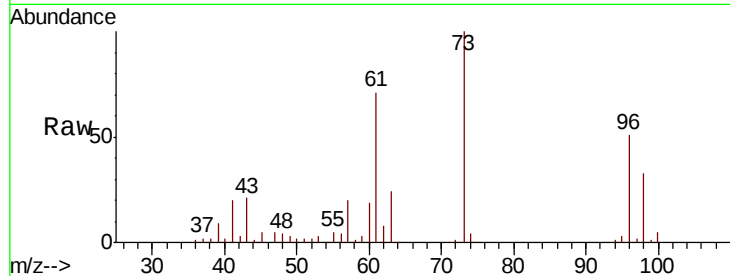
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	53003
Ion	Ratio	Lower	Upper
96	100		
61	139.2	105.5	158.3
98	64.9	52.6	79.0

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#22

Diisopropyl ether

Concen: 56.214 ug/l

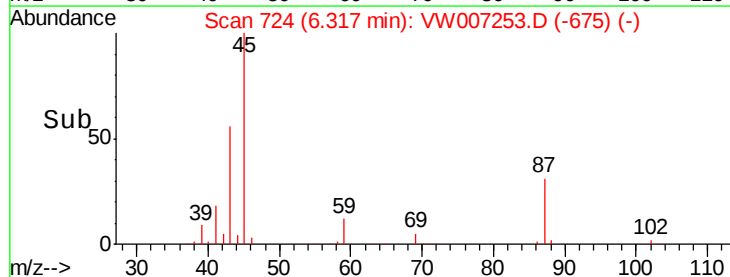
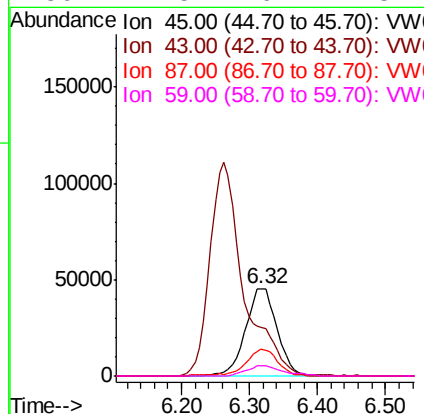
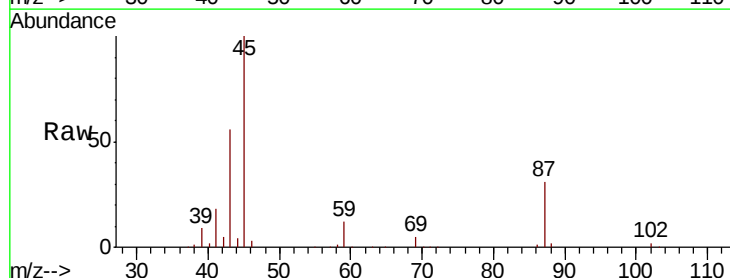
RT: 6.32 min Scan# 724

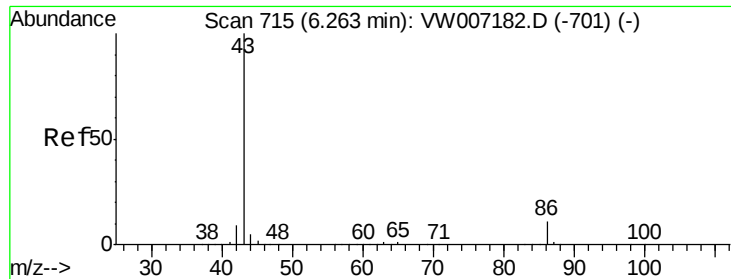
Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Tgt Ion:	45	Resp:	146224
Ion	Ratio	Lower	Upper
45	100		
43	55.4	40.8	61.2
87	31.2	24.0	36.0
59	11.5	9.1	13.7





#23

Vinyl Acetate

Concen: 269.151 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 382015

Ion Ratio Lower Upper

43 100

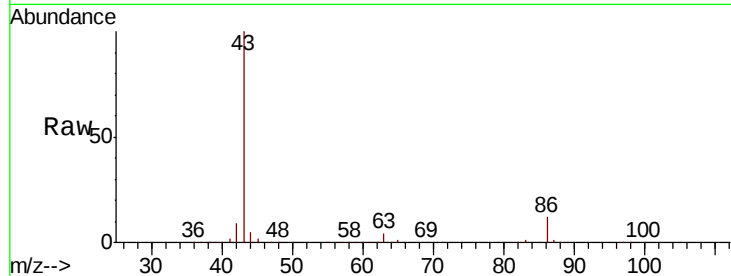
86 11.7 9.0 13.6

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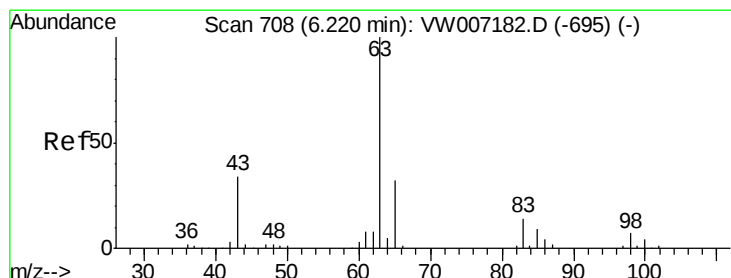
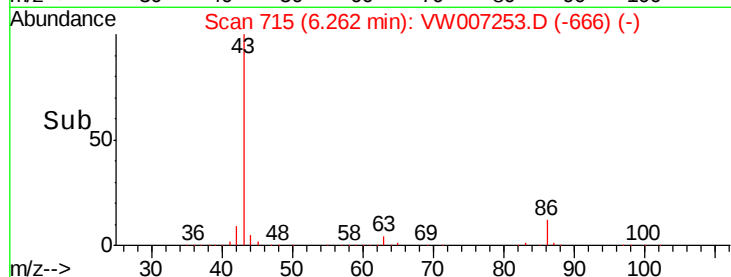
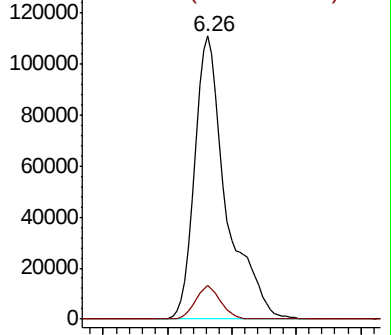
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 53.773 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

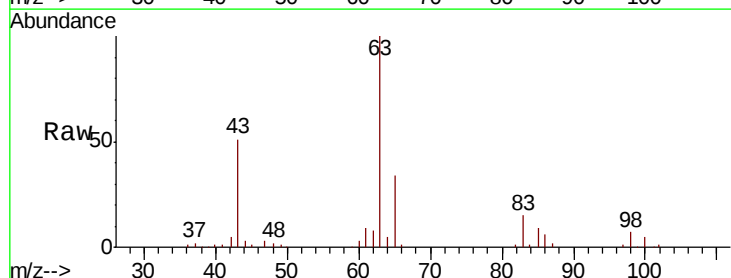
Tgt Ion: 63 Resp: 89651

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

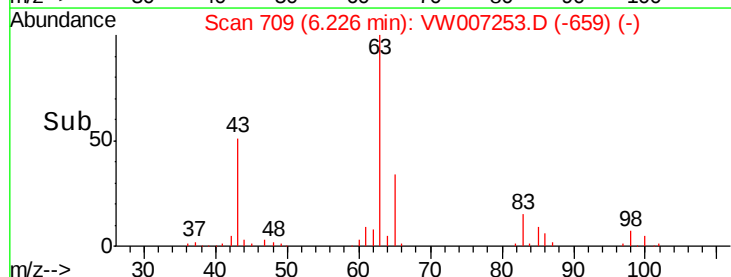
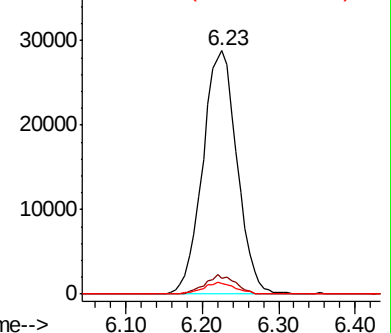
100 4.6 2.1 6.2

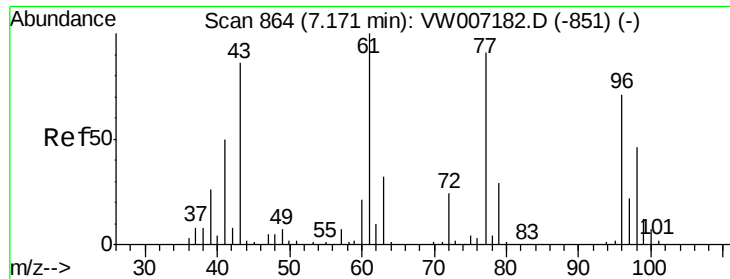


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





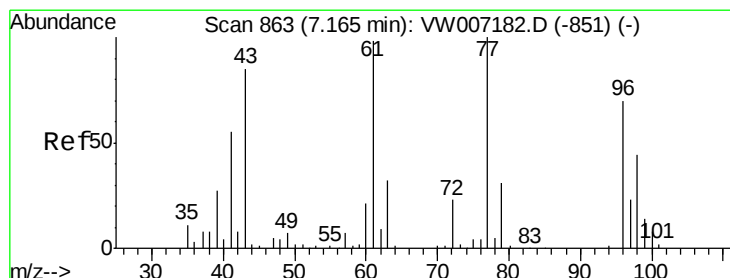
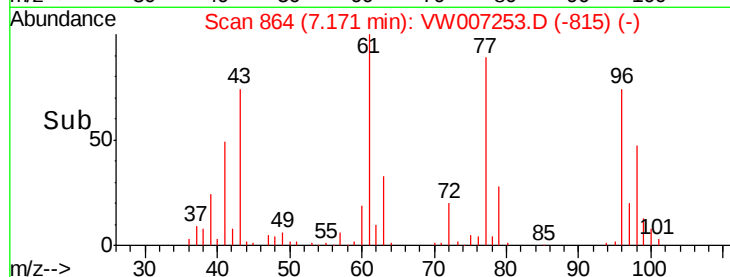
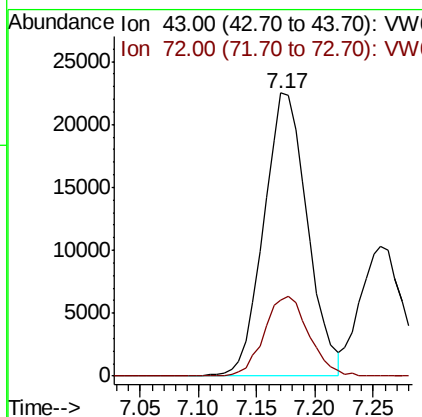
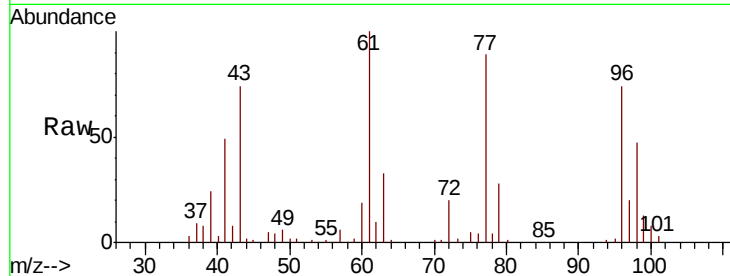
#25
2-Butanone
Concen: 241.349 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 58220
Ion Ratio Lower Upper
43 100
72 27.0 22.8 34.2

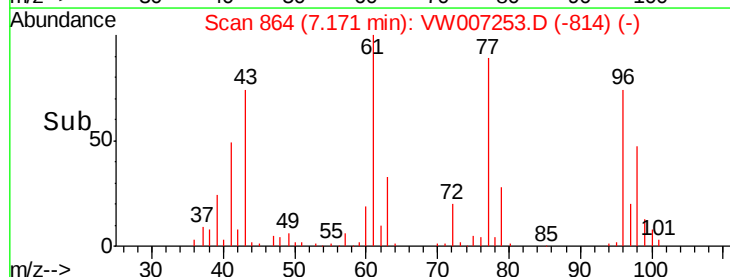
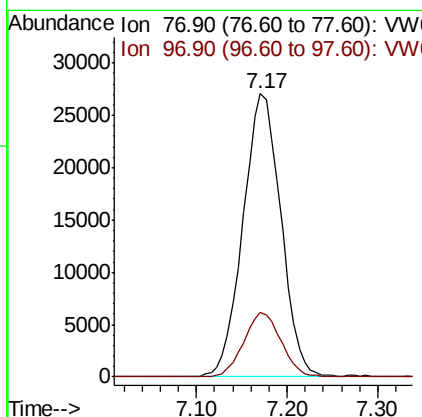
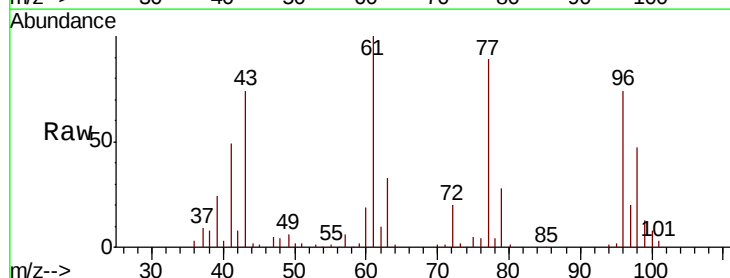
Manual Integrations
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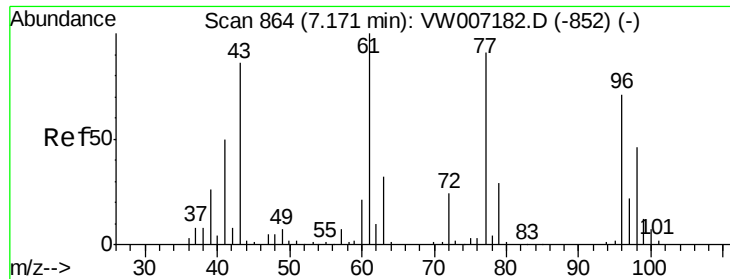
apatel
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#26
2,2-Dichloropropane
Concen: 48.972 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 77 Resp: 78461
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.4





#27

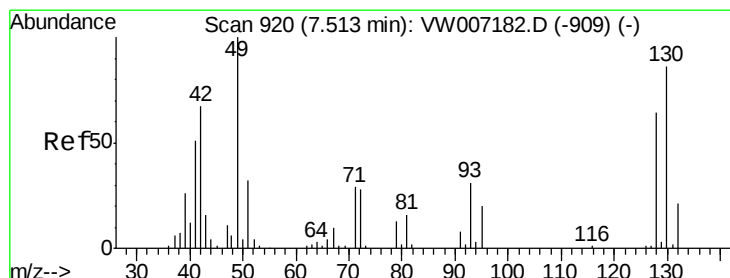
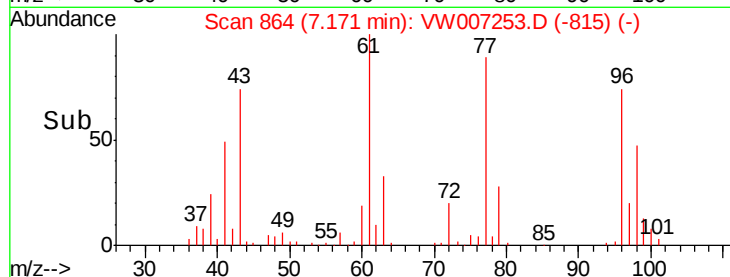
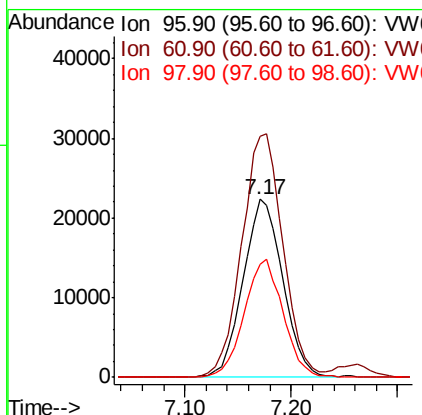
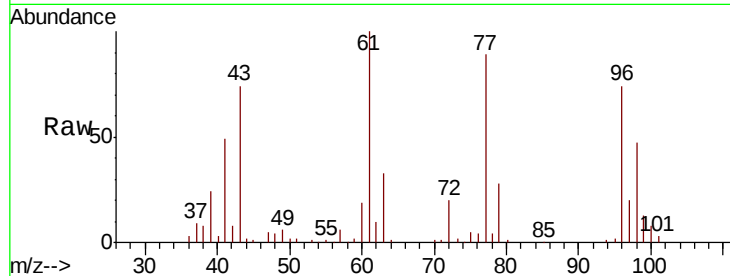
cis-1,2-Dichloroethene
Concen: 54.216 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	282.4
98	64.7	0.0	129.8

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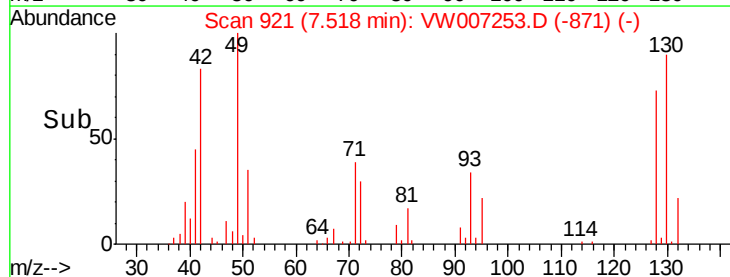
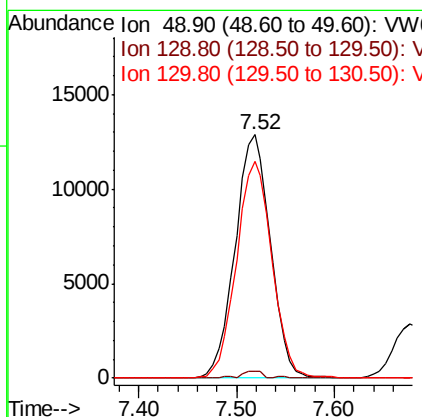
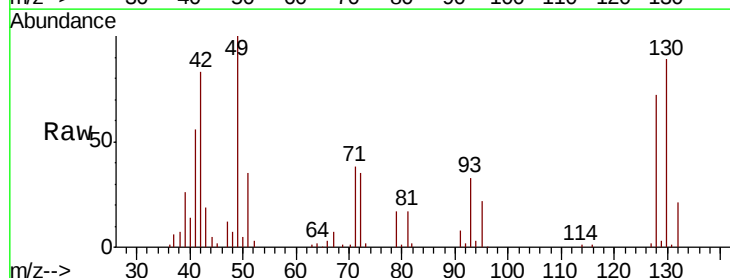
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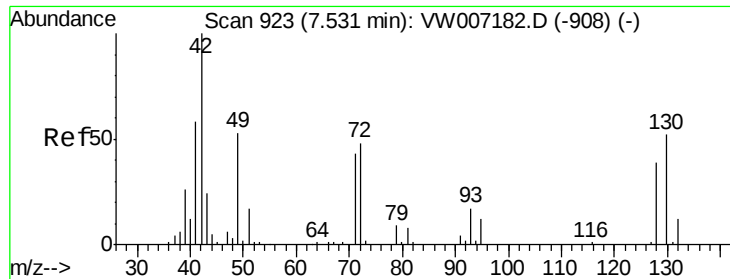


#28

Bromochloromethane
Concen: 53.819 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	89.4	70.3	105.5





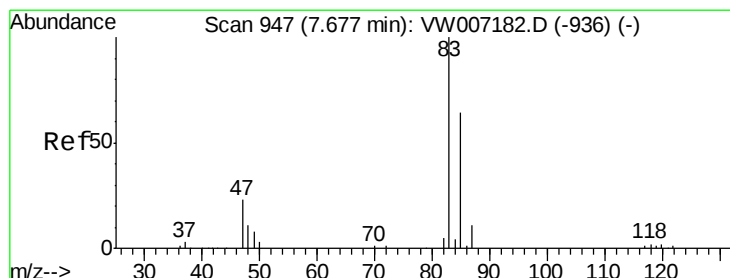
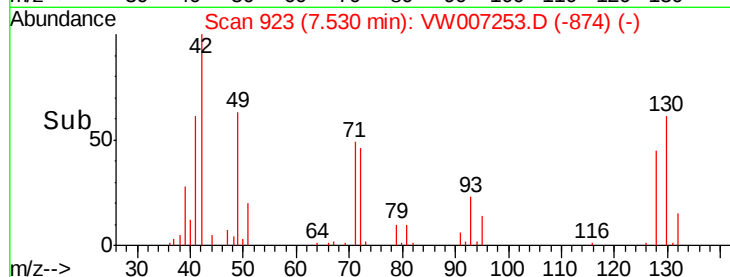
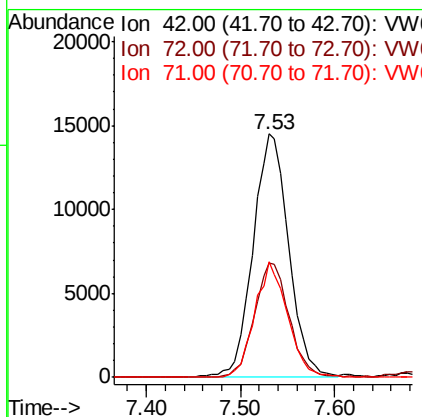
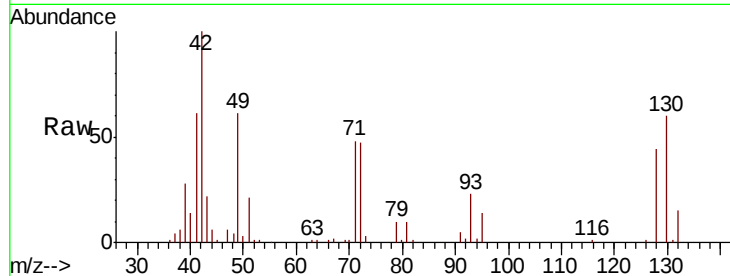
#29
Tetrahydrofuran
Concen: 258.540 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.6	55.0
71	43.8	34.8	52.2

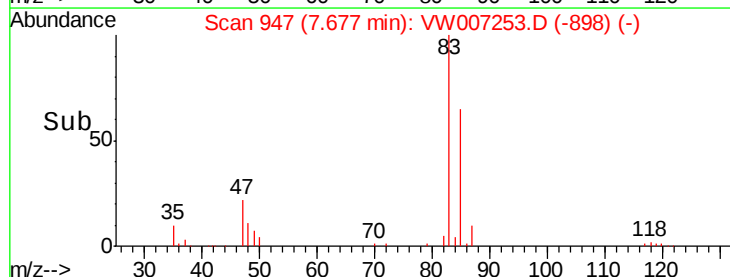
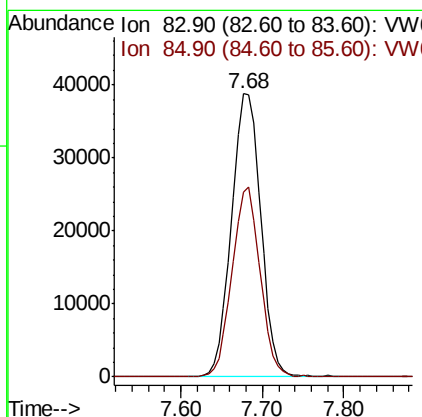
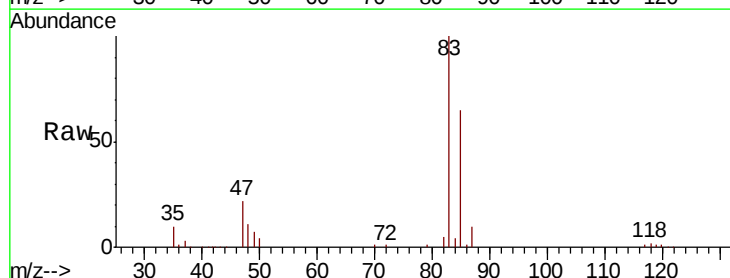
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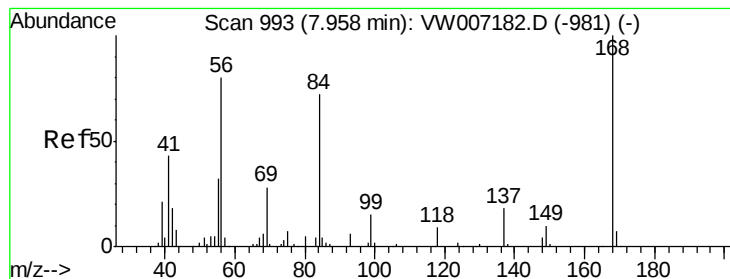
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#30
Chloroform
Concen: 55.725 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.5	77.3





#31

Cyclohexane

Concen: 47.908 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

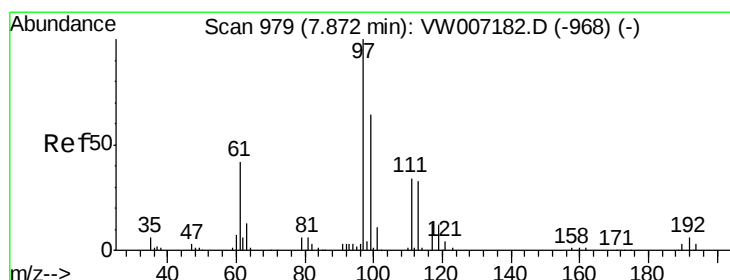
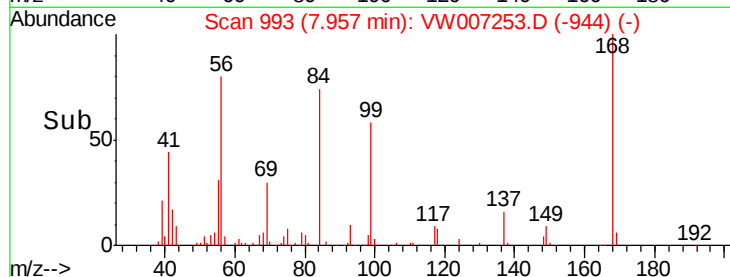
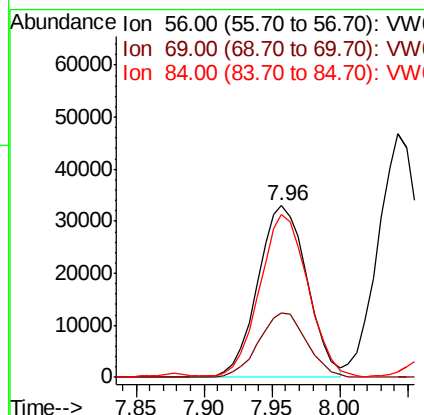
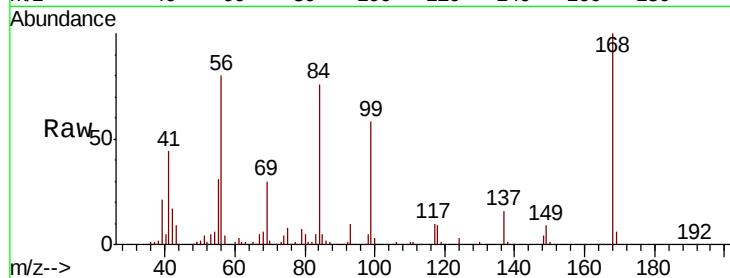
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	83570
Ion	Ratio	Lower	Upper
56	100		
69	37.8	28.2	42.2
84	93.8	72.1	108.1

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#32

1,1,1-Trichloroethane

Concen: 55.035 ug/l

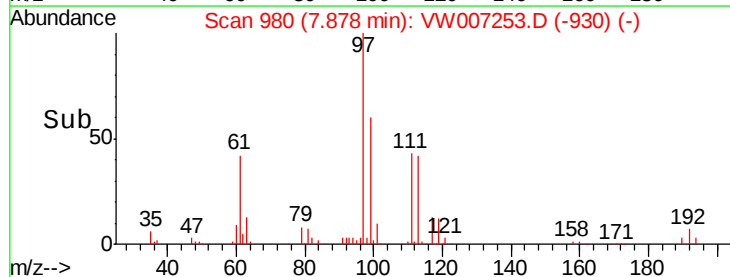
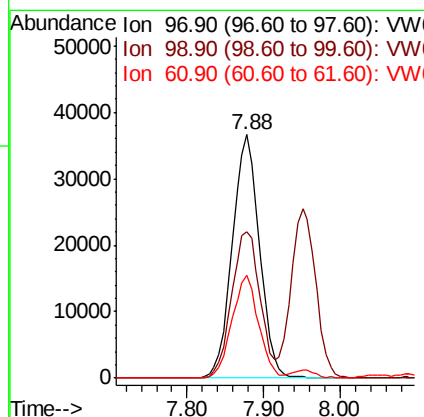
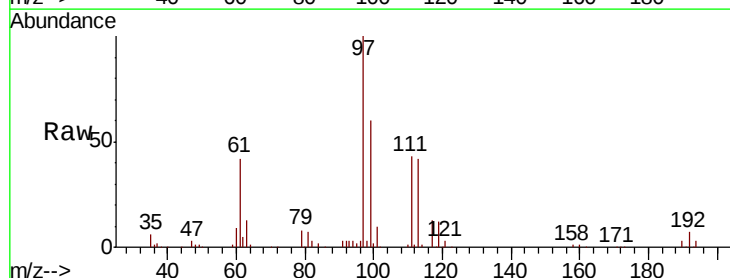
RT: 7.88 min Scan# 980

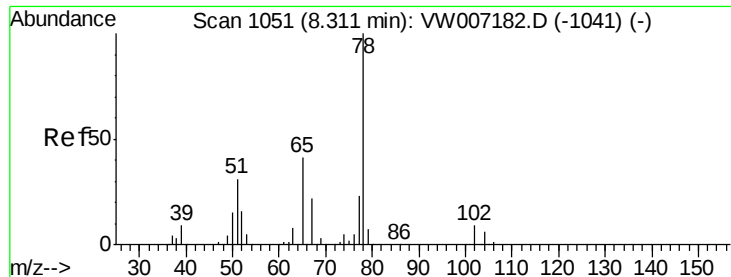
Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Tgt Ion:	97	Resp:	89740
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.3	76.9
61	41.4	33.2	49.8





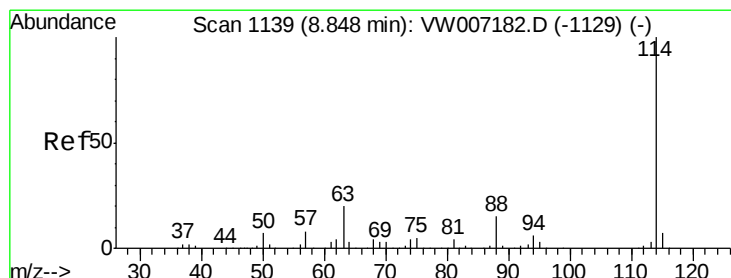
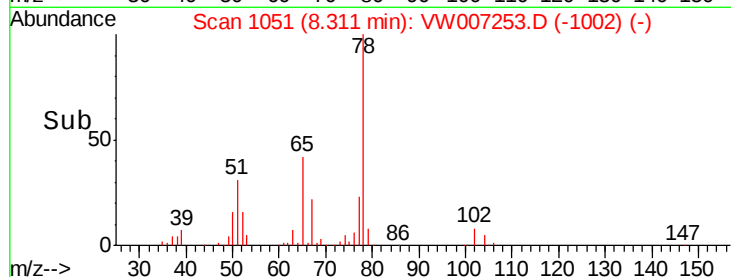
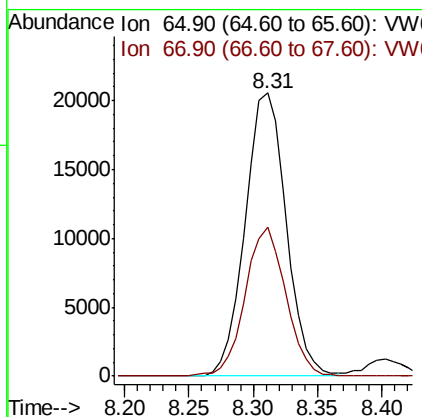
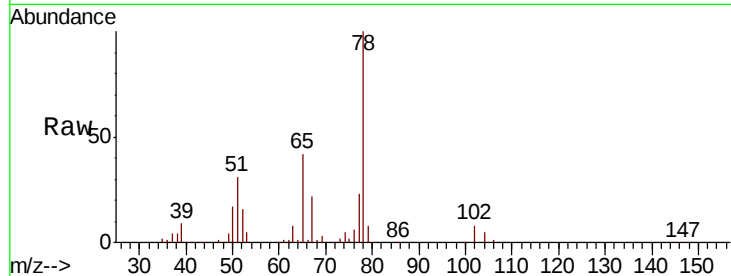
#33
 1,2-Dichloroethane-d4
 Concen: 51.569 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	45331		
67	52.2	0.0	106.4	

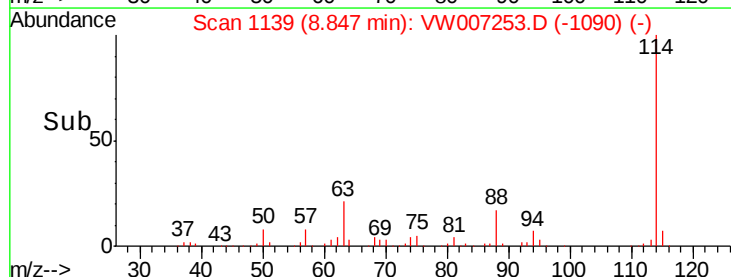
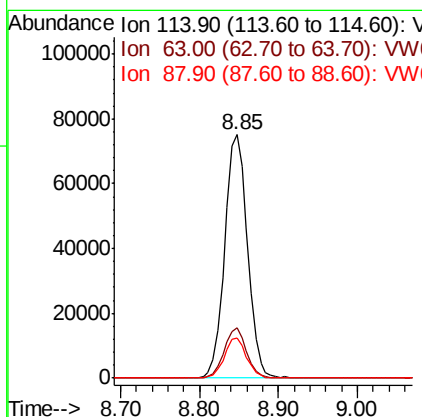
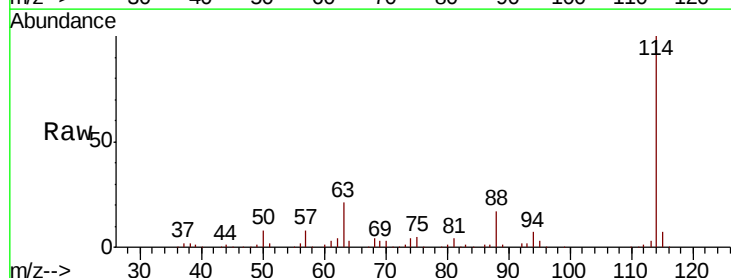
Manual Integrations
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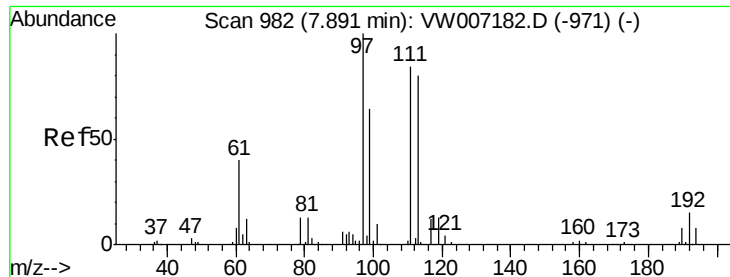
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	151060		
63	20.8	0.0	40.2	
88	16.6	0.0	30.0	





#35

Dibromofluoromethane

Concen: 51.404 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

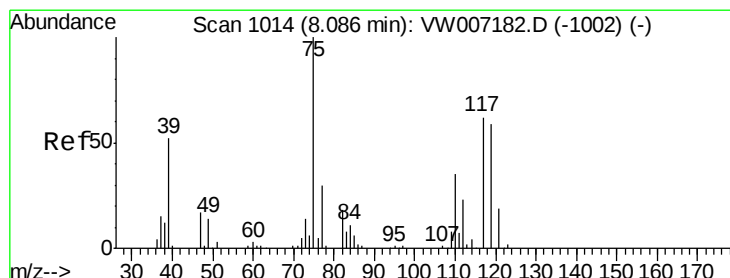
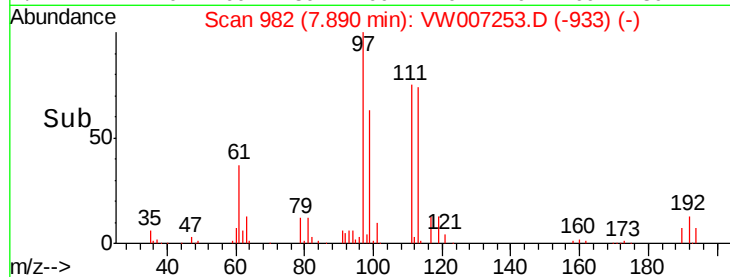
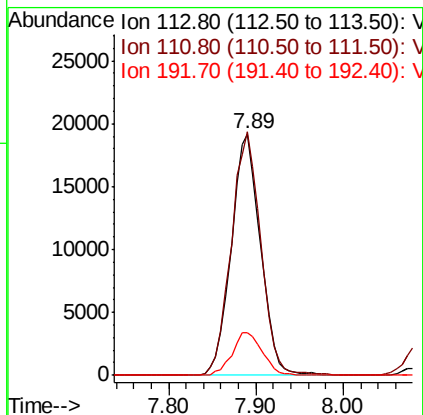
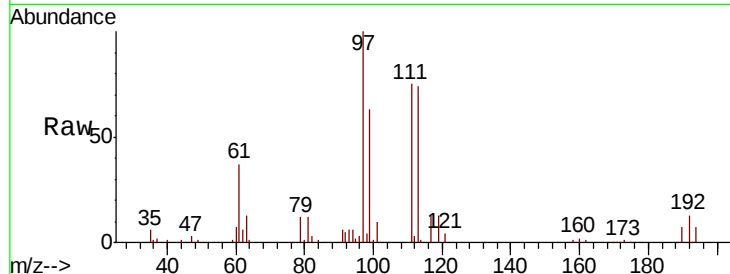
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	44463
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	18.3	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 51.781 ug/l

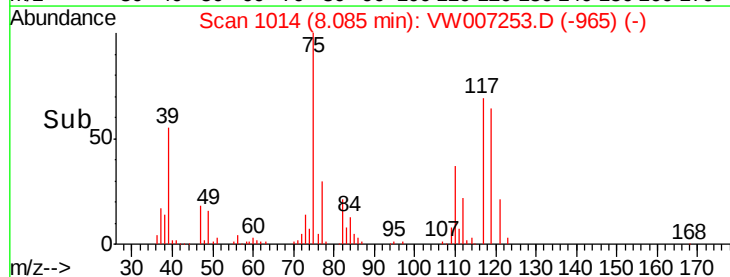
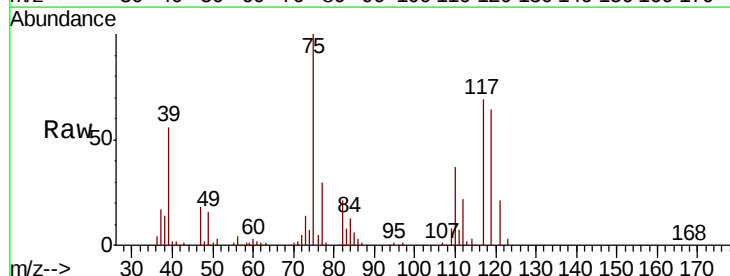
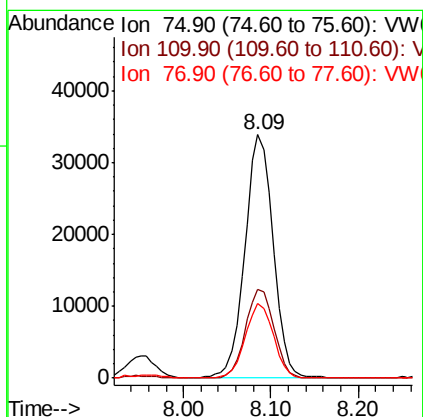
RT: 8.09 min Scan# 1014

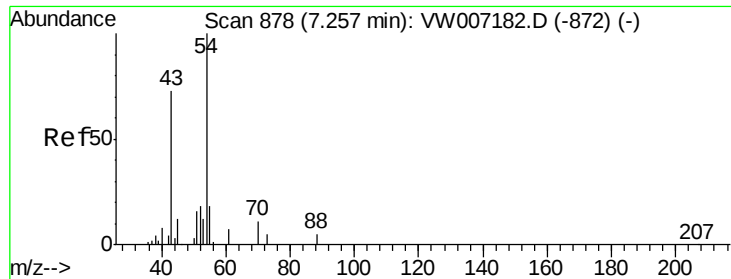
Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Tgt Ion:	75	Resp:	76110
Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.3	54.9
77	30.8	24.9	37.3





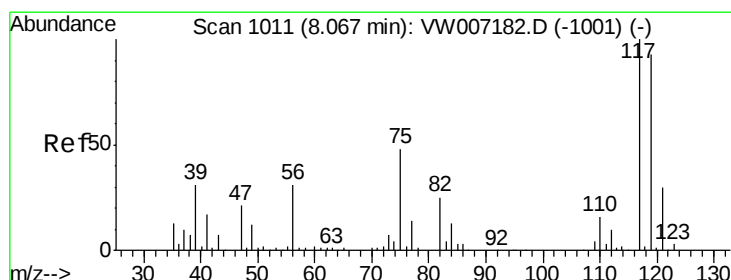
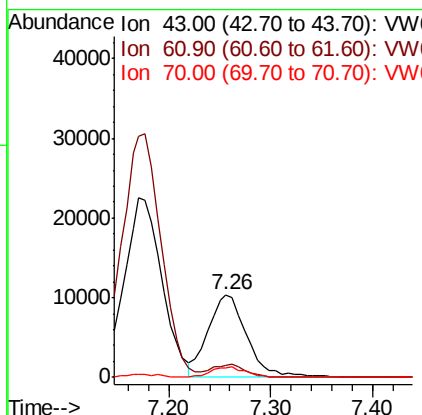
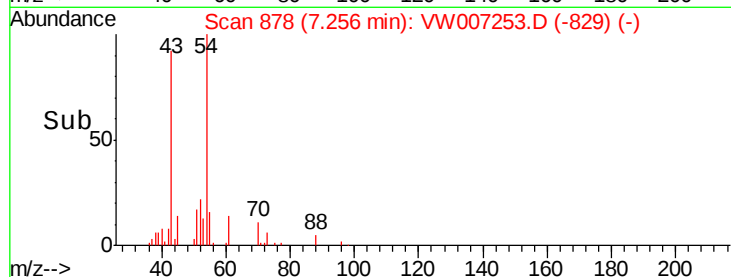
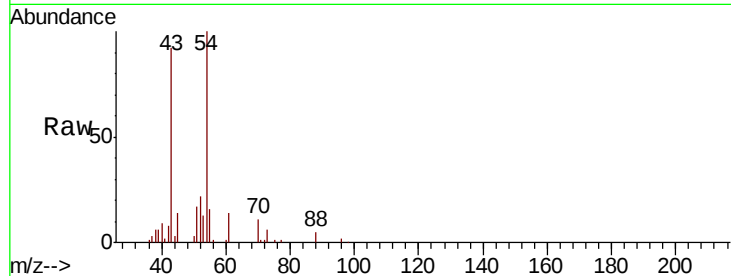
#37
Ethyl Acetate
Concen: 50.416 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.1	18.1
70	11.5	9.1	13.7

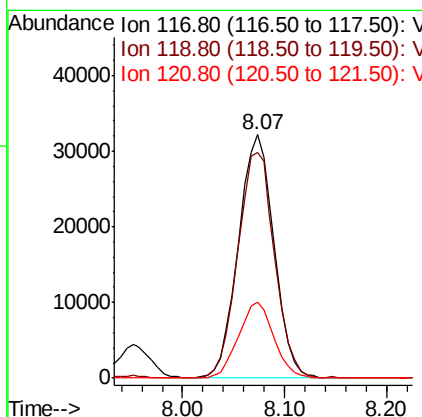
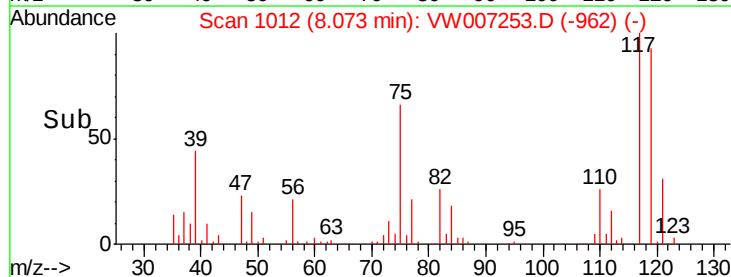
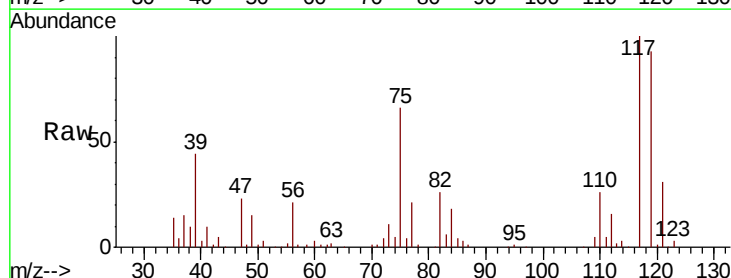
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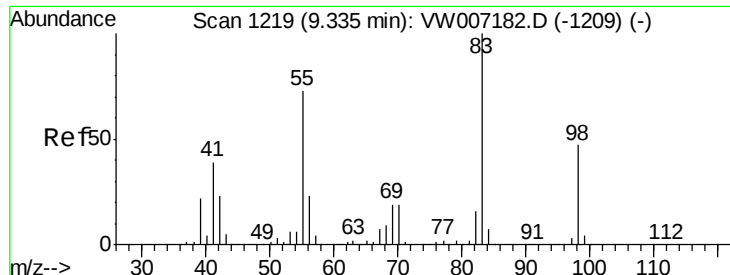
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#38
Carbon Tetrachloride
Concen: 52.022 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	74.1	111.1
121	31.3	23.9	35.9





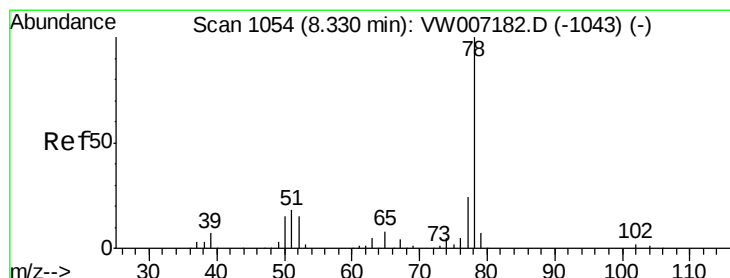
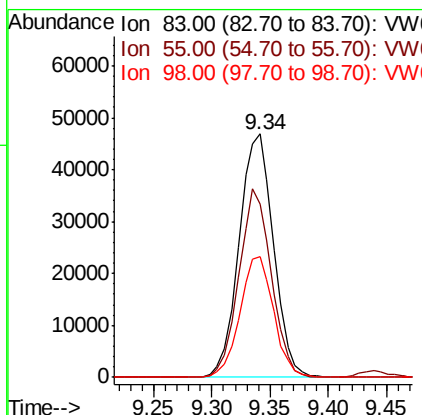
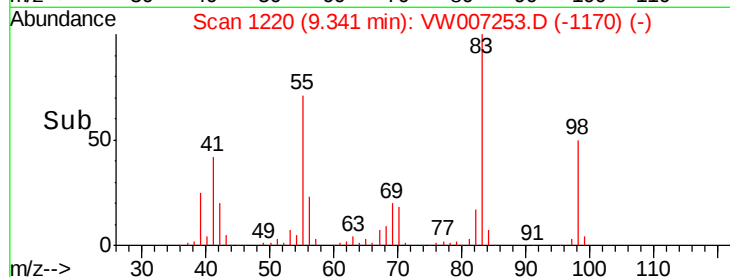
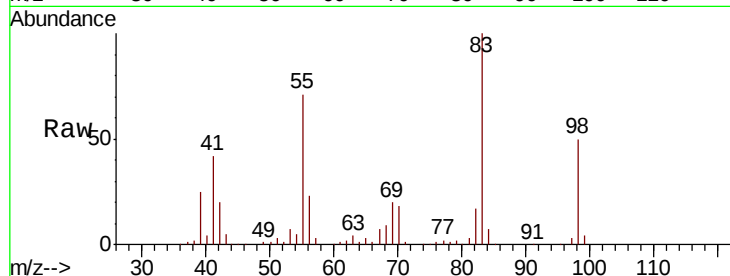
#39
Methylcyclohexane
Concen: 49.100 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.3	58.1	87.1
98	49.6	37.3	55.9

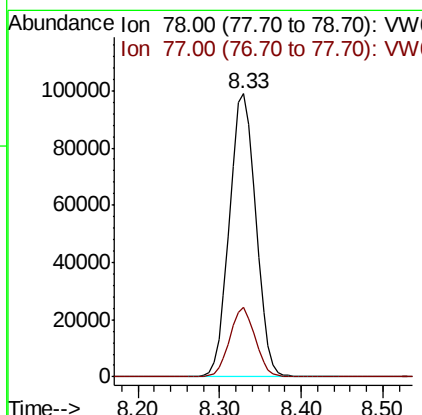
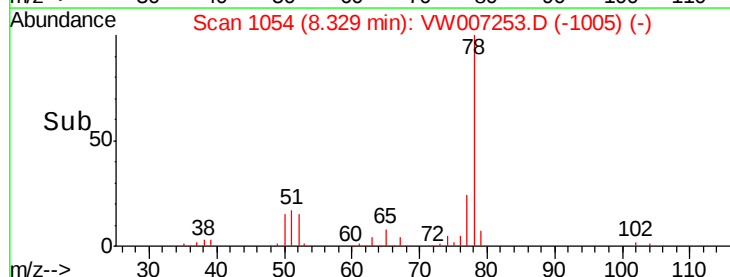
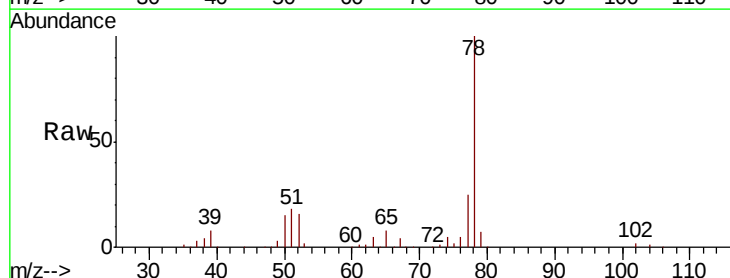
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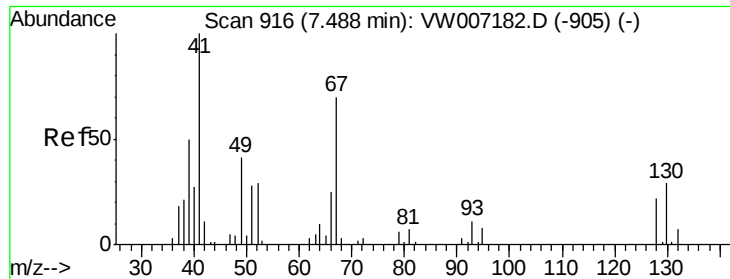
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#40
Benzene
Concen: 54.998 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.9	28.3





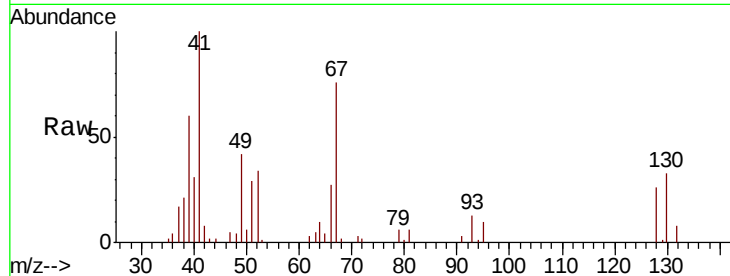
#41
Methacrylonitrile
Concen: 50.778 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

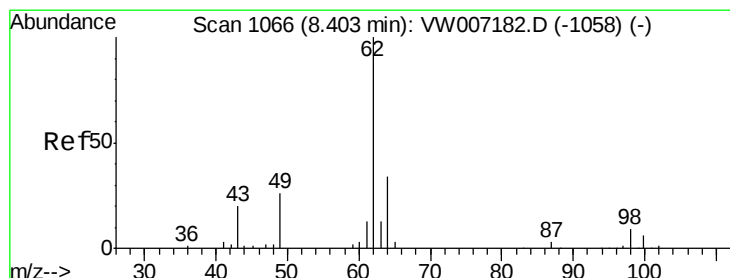
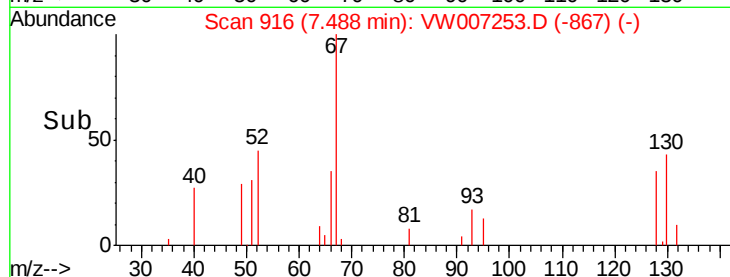
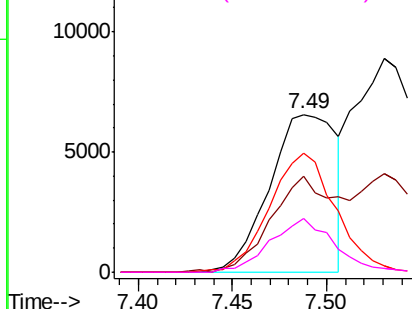
Tgt Ion:	41	Resp:	16171
Ion	Ratio	Lower	Upper
41	100		
39	62.3	43.4	65.0
67	74.5	57.4	86.0
52	32.6	23.3	34.9

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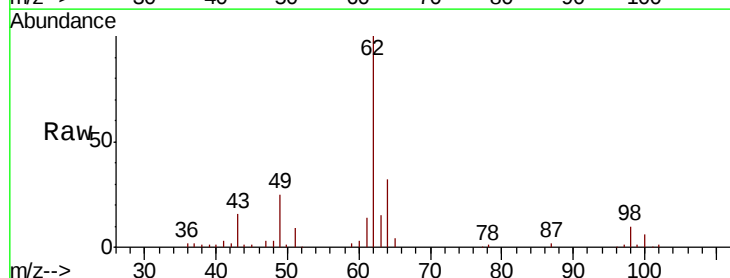


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

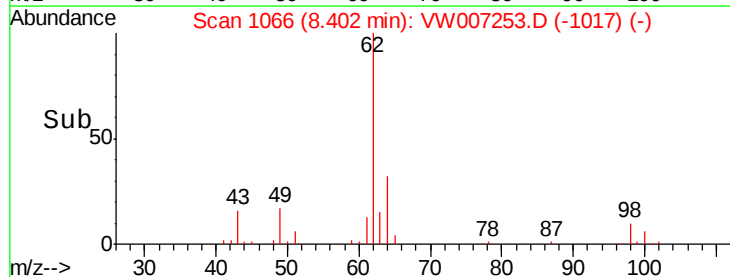
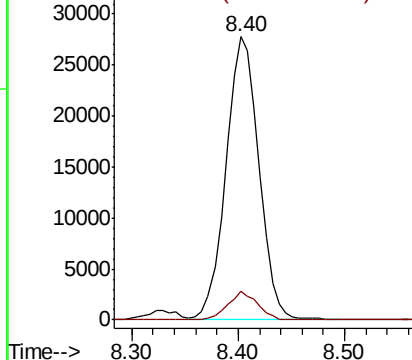


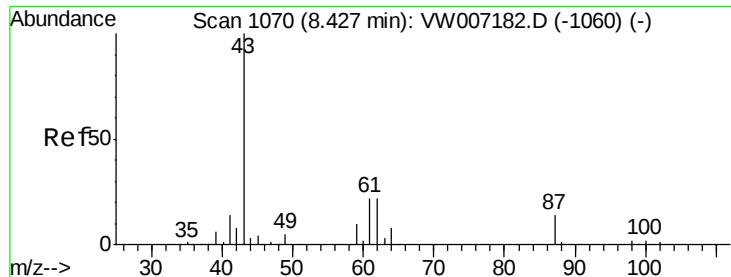
#42
1,2-Dichloroethane
Concen: 53.404 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion:	62	Resp:	60156
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



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





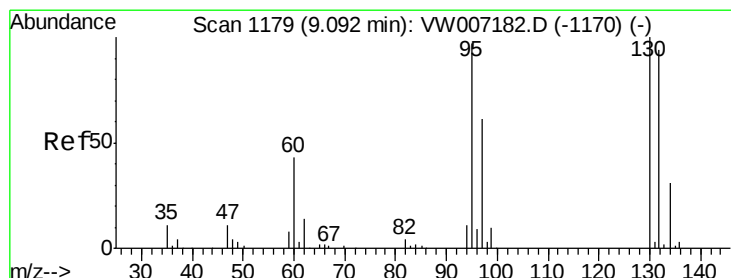
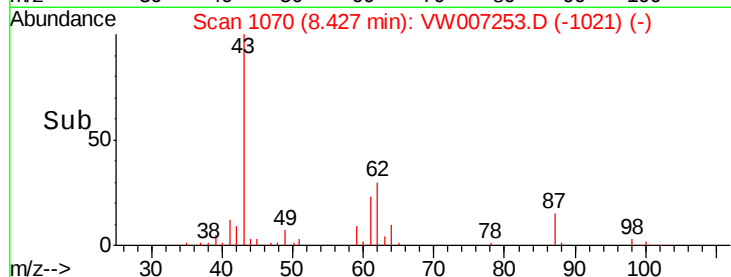
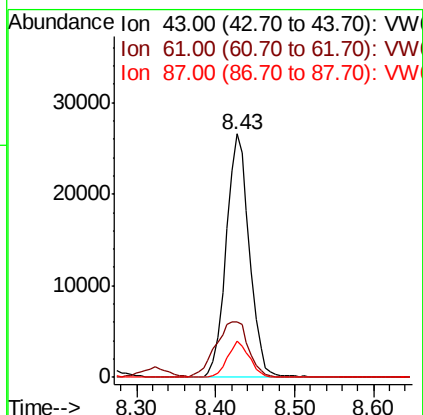
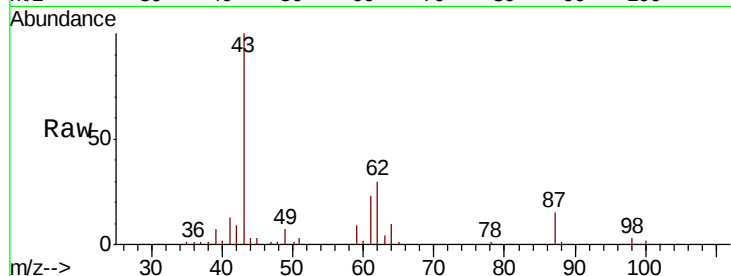
#43
Isopropyl Acetate
Concen: 52.456 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.4	25.4	38.0
87	14.0	11.4	17.0

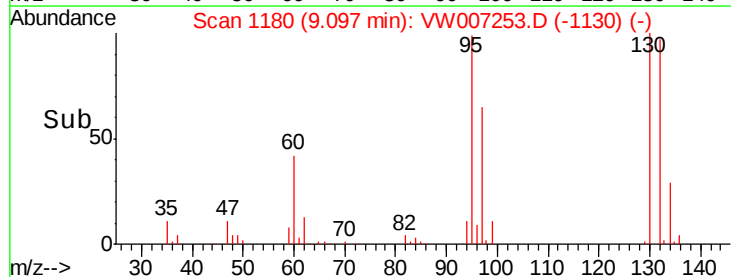
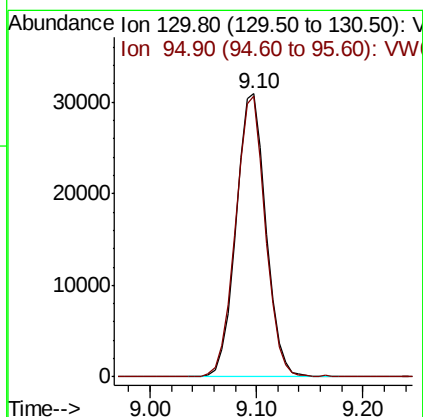
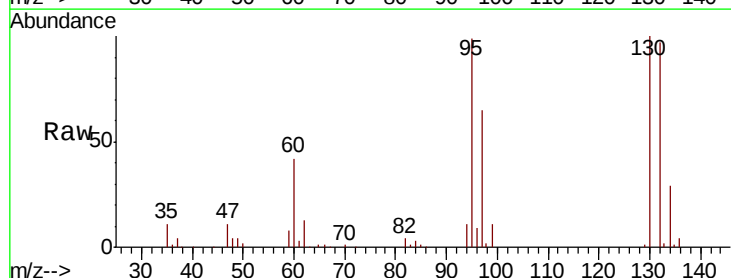
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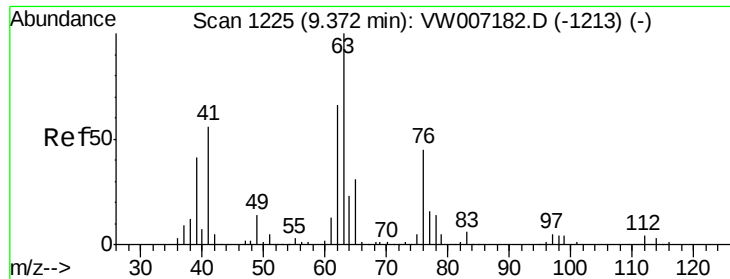
apatel
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#44
Trichloroethene
Concen: 53.732 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	194.0





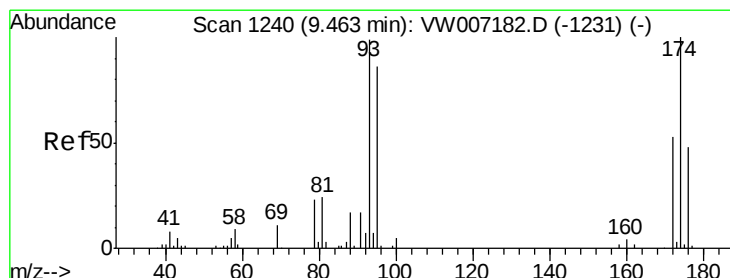
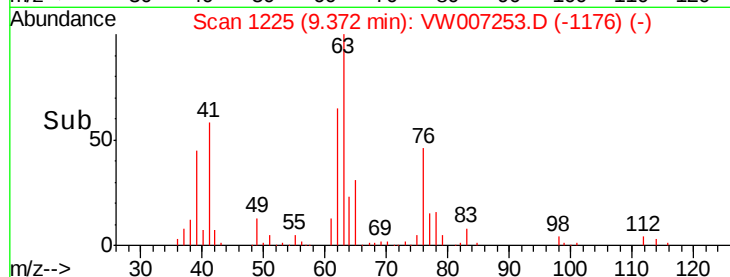
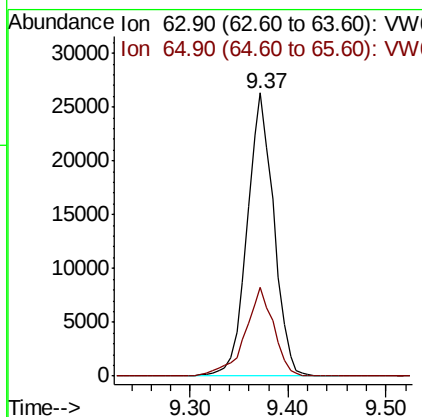
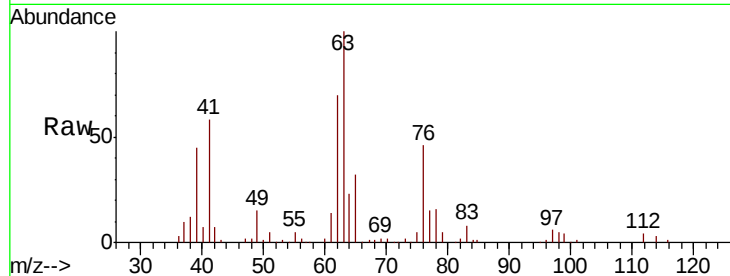
#45
 1,2-Dichloropropane
 Concen: 52.906 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 49622
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4

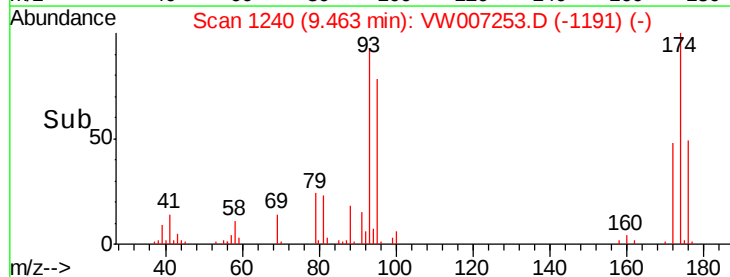
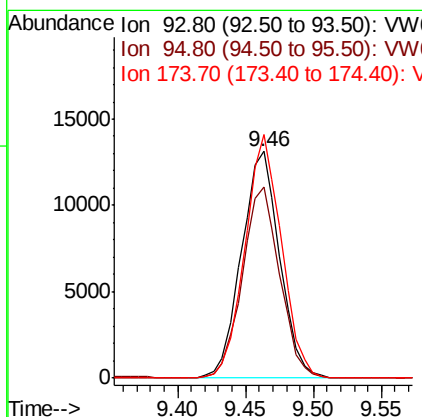
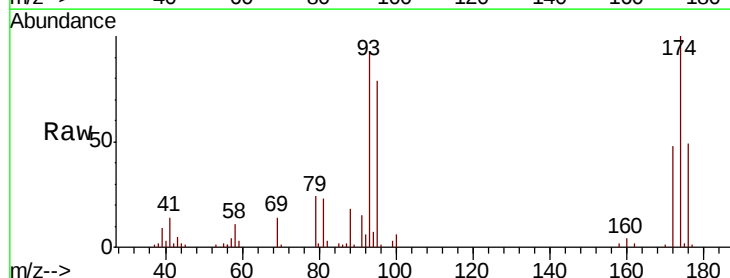
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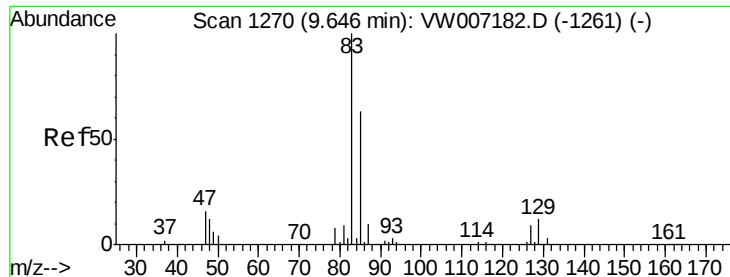
apatel
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#46
 Dibromomethane
 Concen: 52.828 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion: 93 Resp: 25747
 Ion Ratio Lower Upper
 93 100
 95 82.7 68.7 103.1
 174 102.7 82.9 124.3





#47

Bromodichloromethane

Concen: 54.643 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

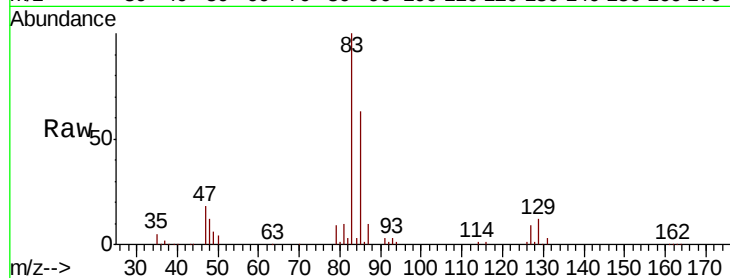
ClientSampleId :

VSTDCCC050EC

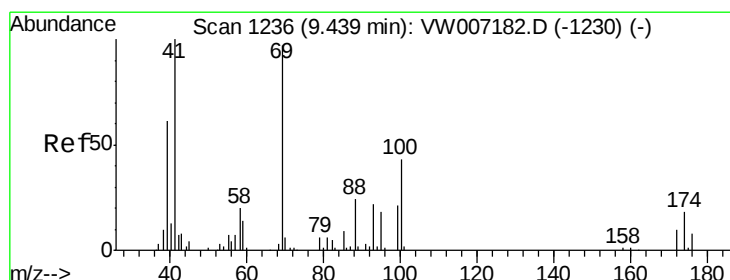
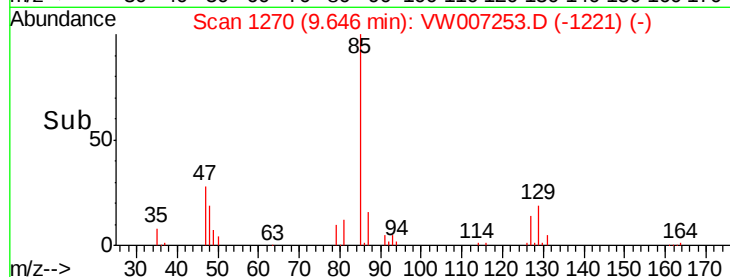
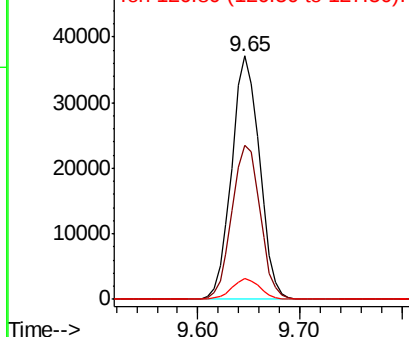
Tgt Ion:	83	Resp:	70053
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	76.0
127	8.7	7.3	10.9

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



#48

Methyl methacrylate

Concen: 52.491 ug/l

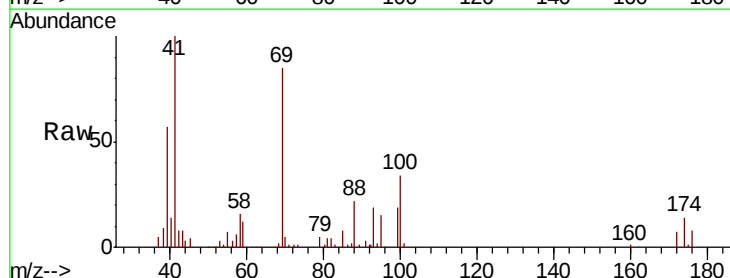
RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

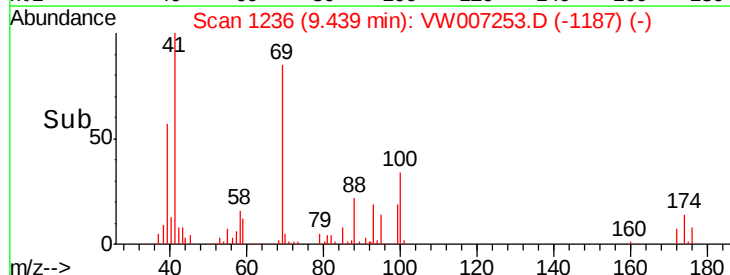
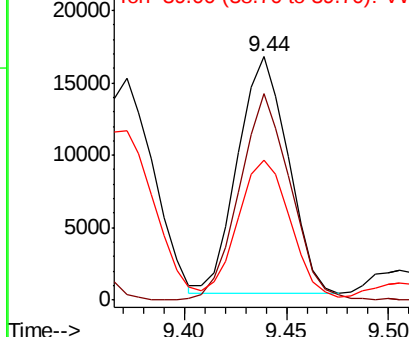
Lab File: VW007253.D

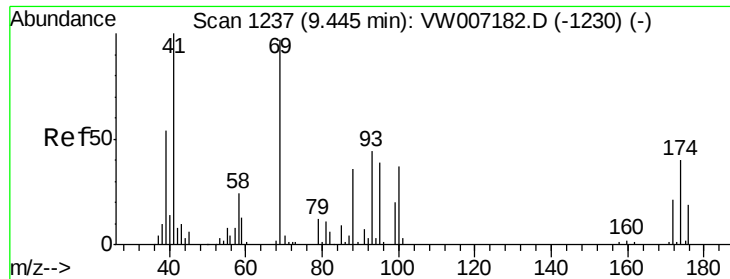
Acq: 06 Dec 2018 00:42

Tgt Ion:	41	Resp:	28132
Ion	Ratio	Lower	Upper
41	100		
69	88.3	69.6	104.4
39	58.8	42.4	63.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





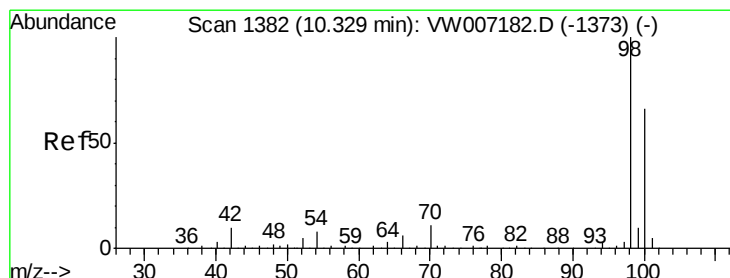
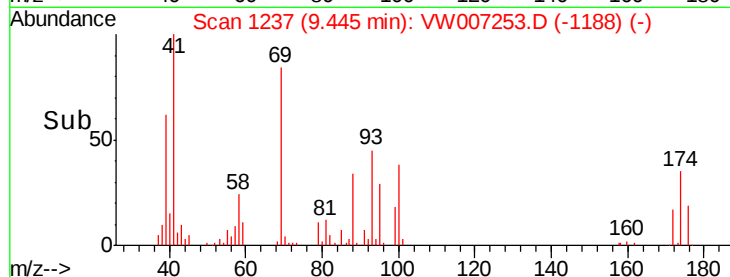
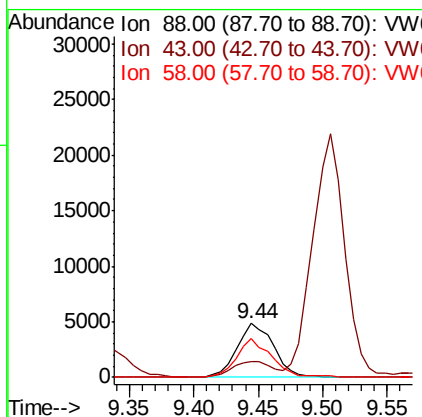
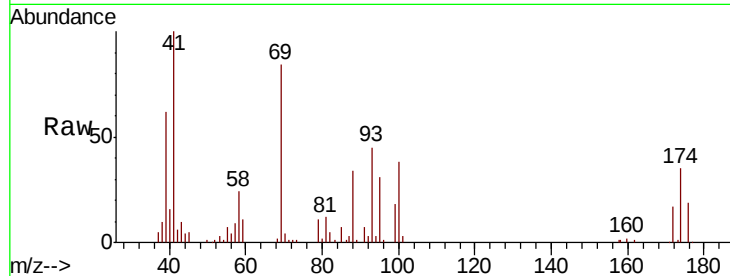
#49
1,4-Dioxane
Concen: 1122.986 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.8	38.8
58	67.2	58.9	88.3

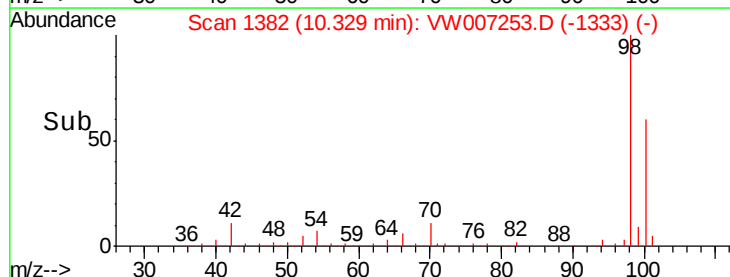
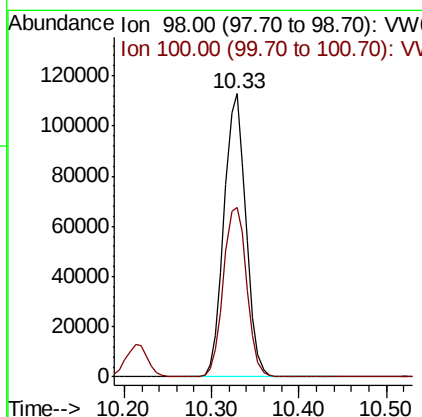
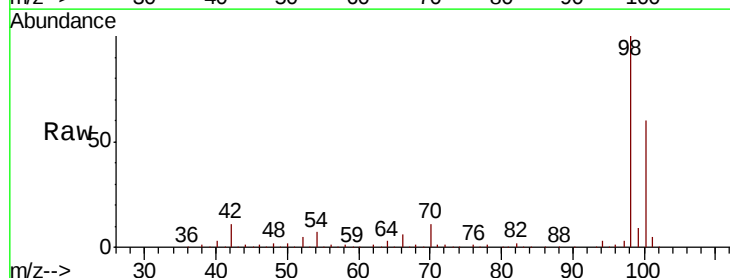
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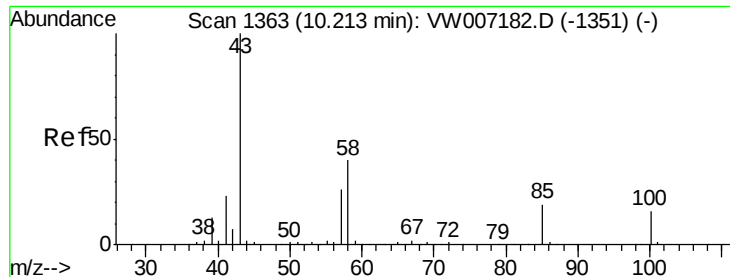
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#50
Toluene-d8
Concen: 51.456 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.7	79.1





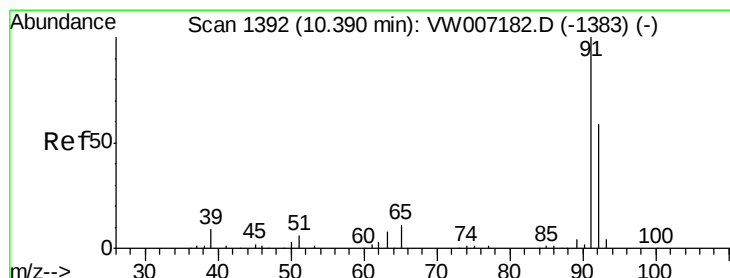
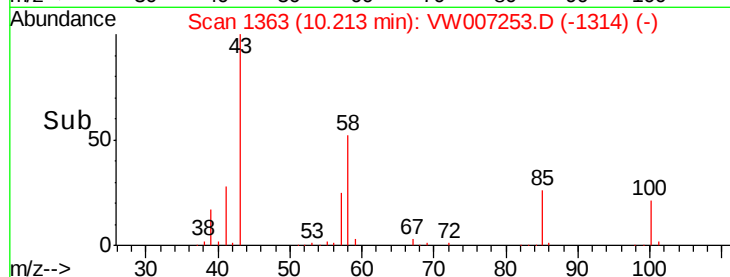
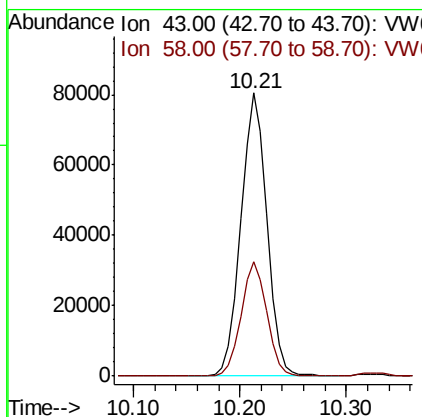
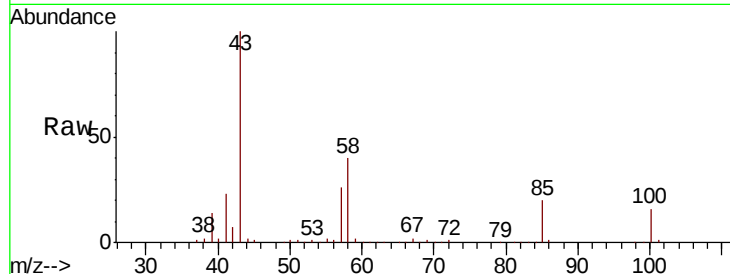
#51
4-Methyl-2-Pentanone
Concen: 271.464 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 138143
Ion Ratio Lower Upper
43 100
58 39.9 32.3 48.5

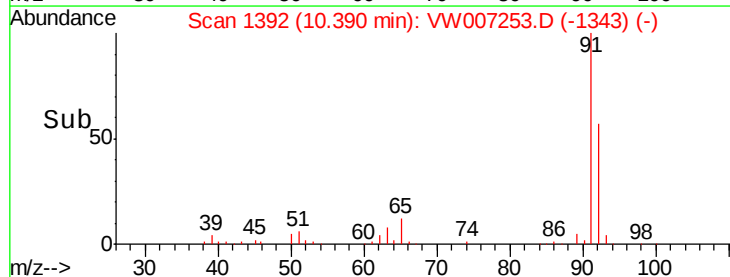
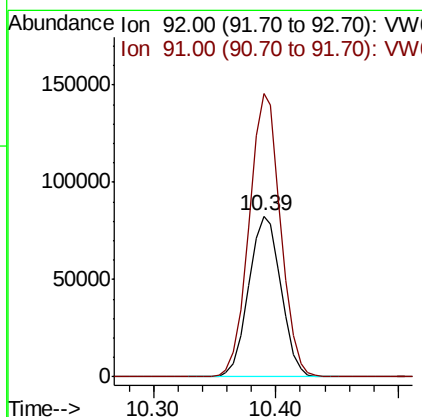
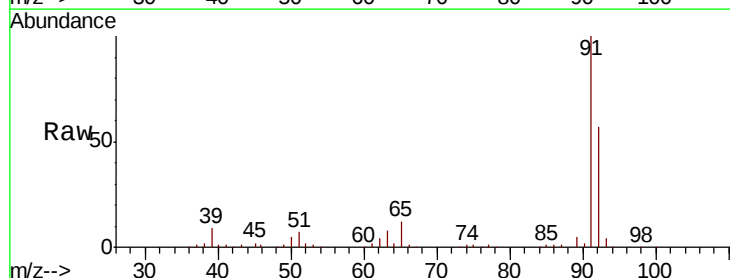
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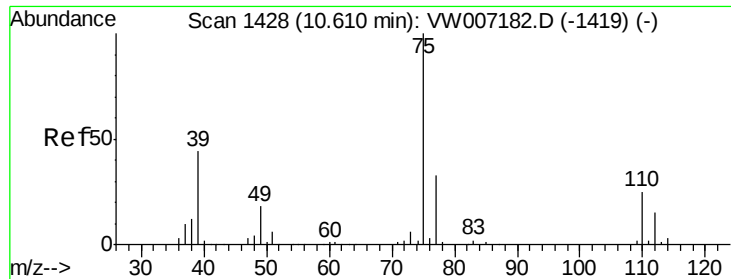
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#52
Toluene
Concen: 54.047 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 92 Resp: 151530
Ion Ratio Lower Upper
92 100
91 171.9 136.0 204.0





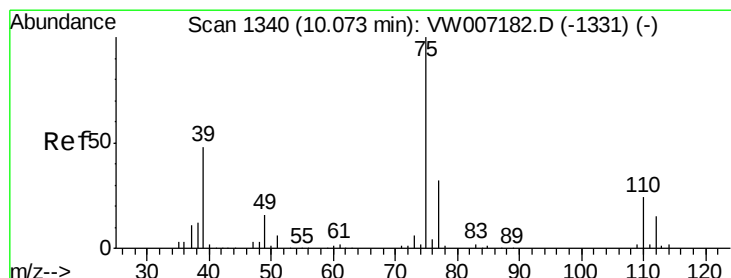
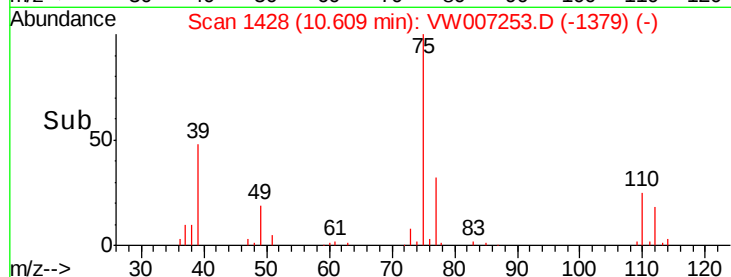
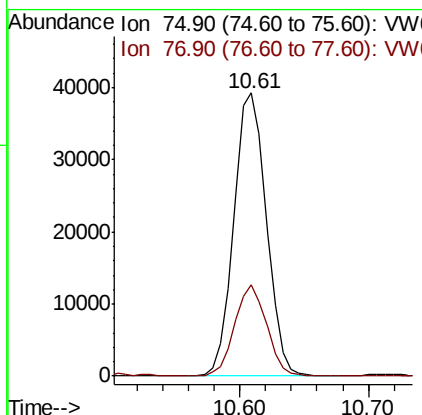
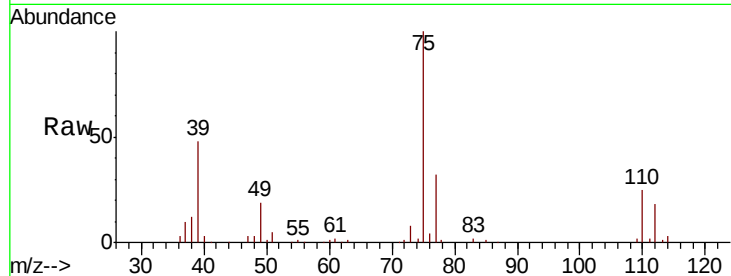
#53
 t-1,3-Dichloropropene
 Concen: 53.420 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 68854
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.2

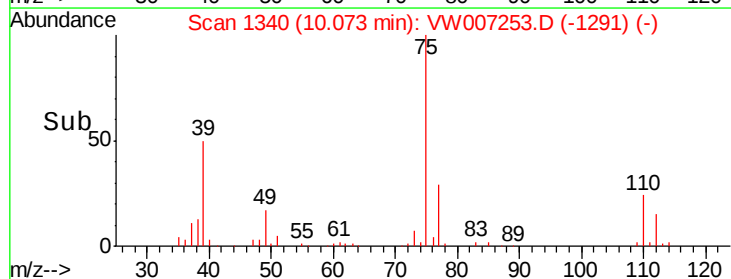
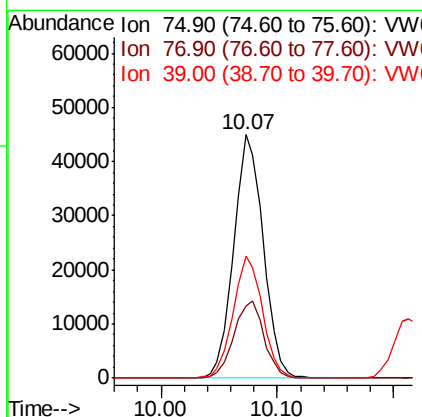
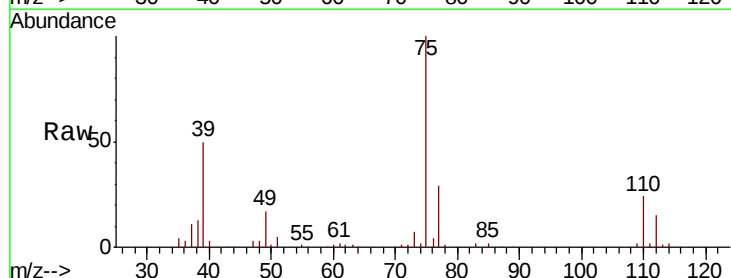
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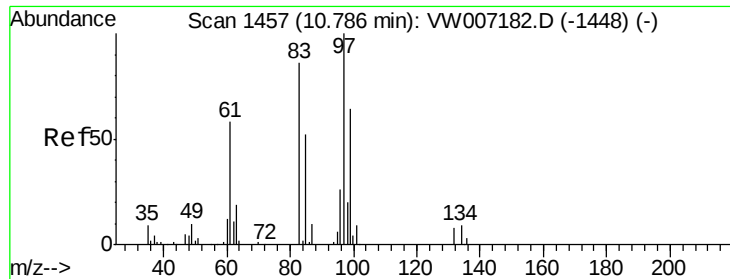
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 52.740 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion: 75 Resp: 79664
 Ion Ratio Lower Upper
 75 100
 77 29.4 26.0 39.0
 39 50.0 38.0 57.0





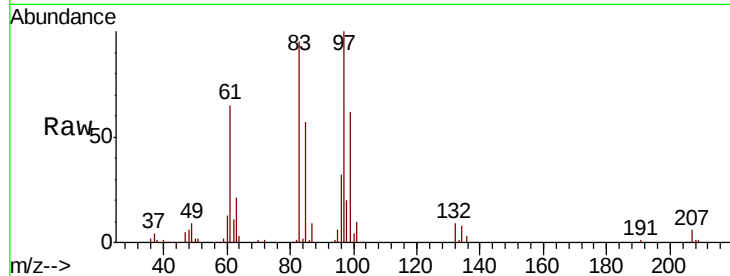
#55
 1,1,2-Trichloroethane
 Concen: 52.679 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.6	68.6	102.8
85	57.3	41.4	62.2
99	61.9	51.2	76.8

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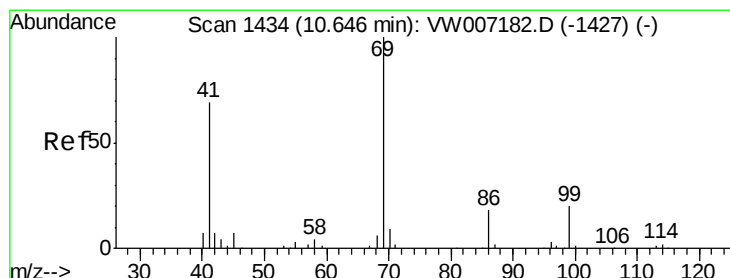
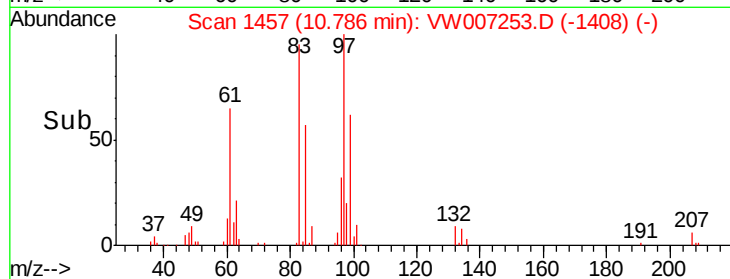
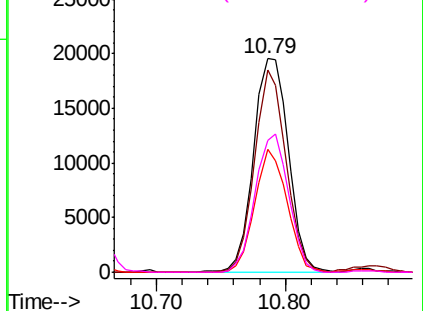
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

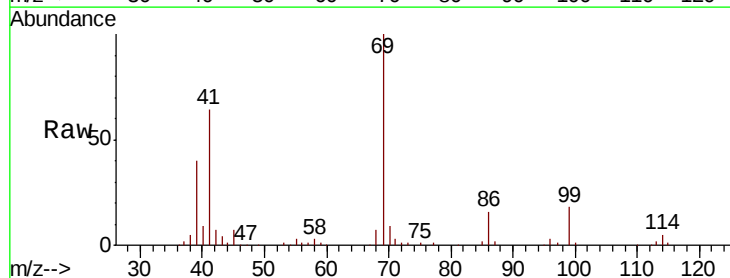
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 55.647 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.8	77.6
39	31.3	28.7	43.1

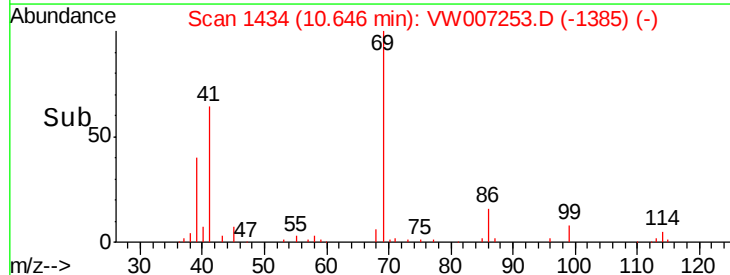
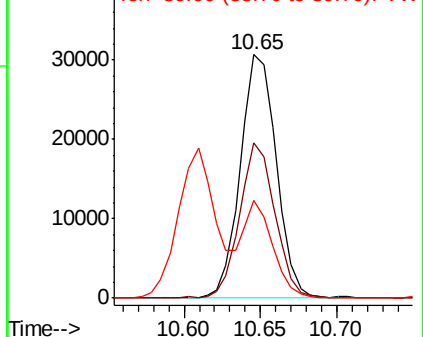


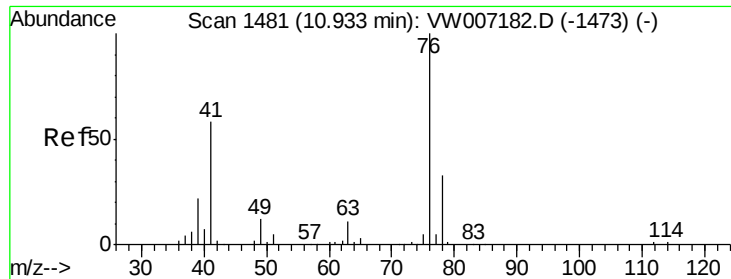
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 51.343 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 60093

Ion Ratio Lower Upper

76 100

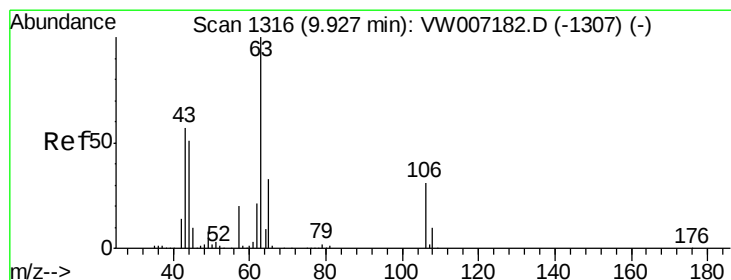
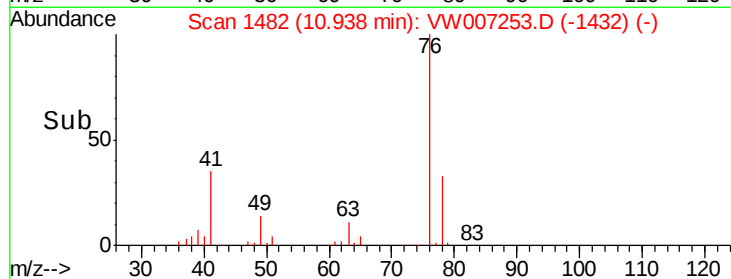
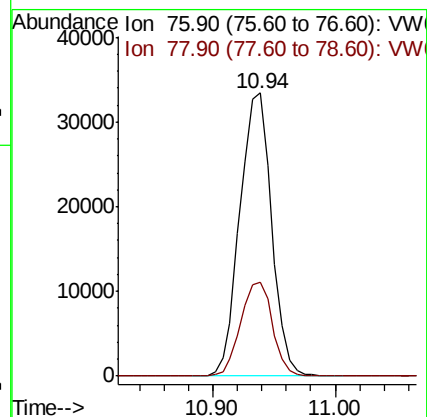
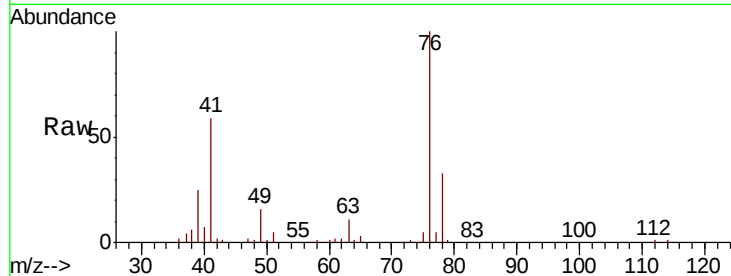
78 33.3 26.6 40.0

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#58

2-Chloroethyl Vinyl ether

Concen: 258.812 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007253.D

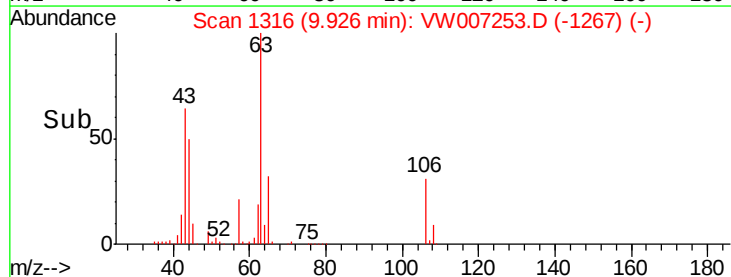
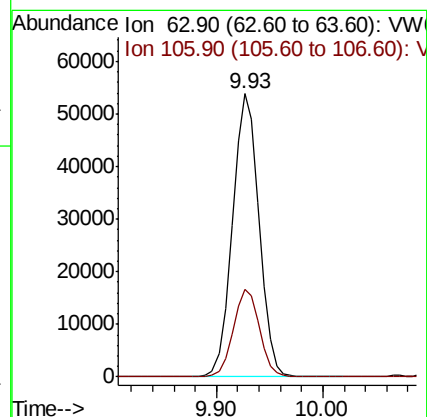
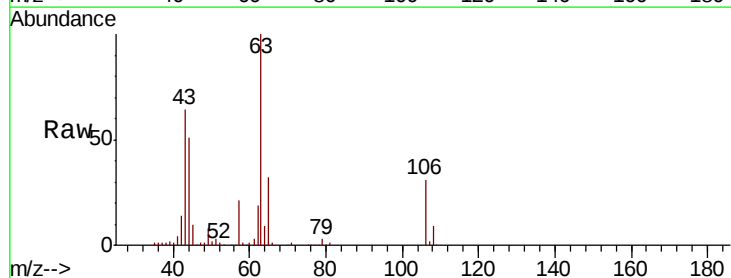
Acq: 06 Dec 2018 00:42

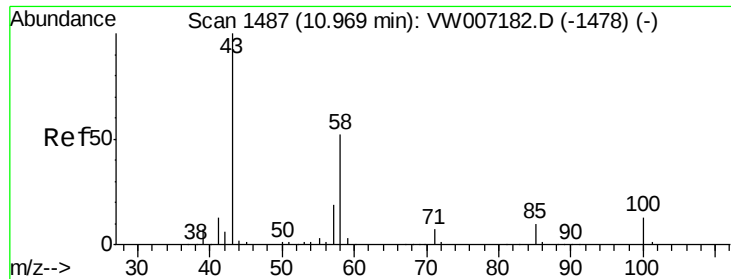
Tgt Ion: 63 Resp: 94007

Ion Ratio Lower Upper

63 100

106 30.5 24.1 36.1





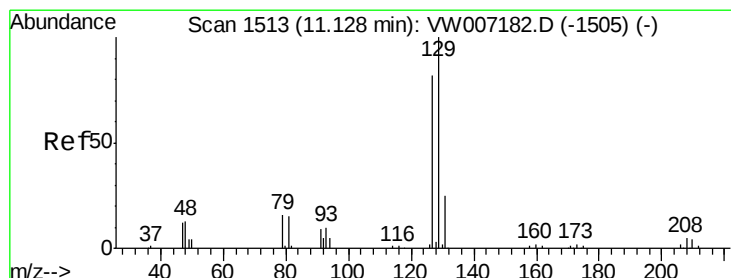
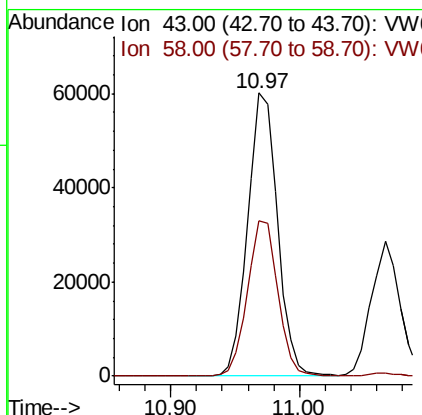
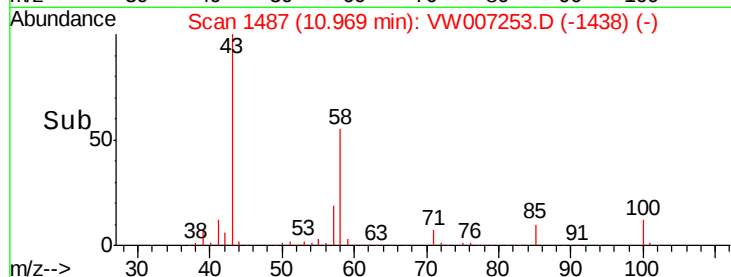
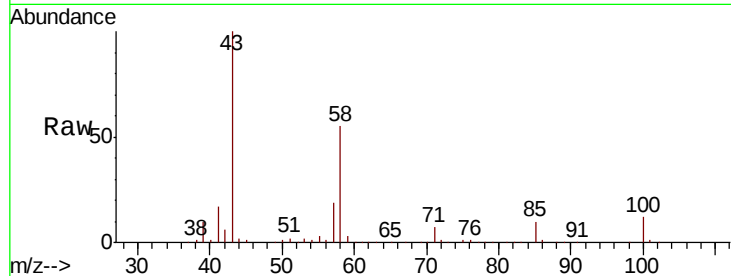
#59
2-Hexanone
Concen: 259.949 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 95894
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.4

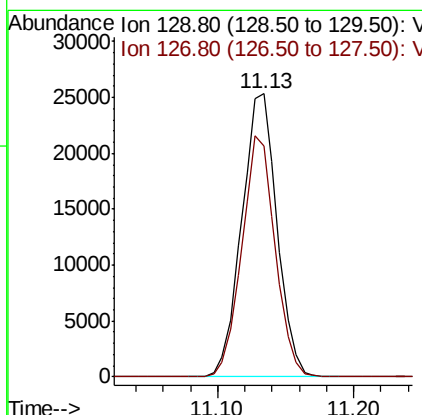
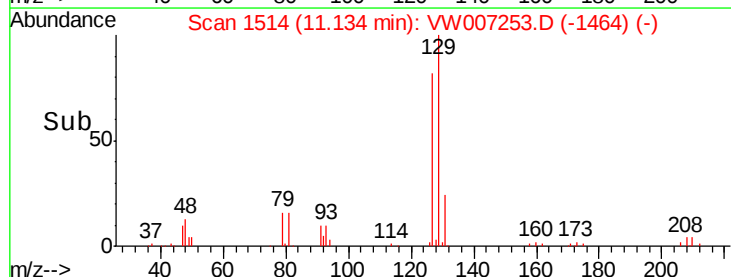
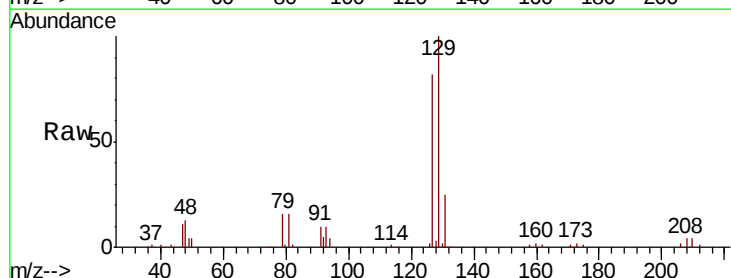
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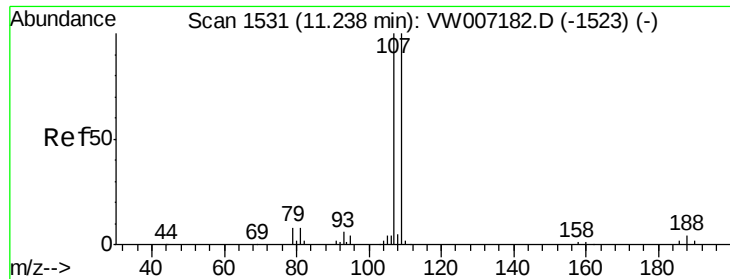
apatel
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#60
Dibromochloromethane
Concen: 54.008 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 129 Resp: 46017
Ion Ratio Lower Upper
129 100
127 80.5 39.8 119.4





#61

1,2-Dibromoethane

Concen: 56.095 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 37299

Ion Ratio Lower Upper

107 100

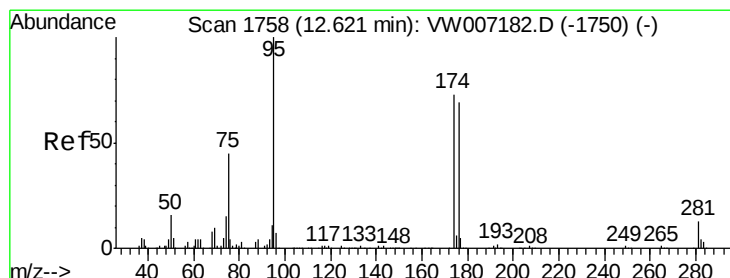
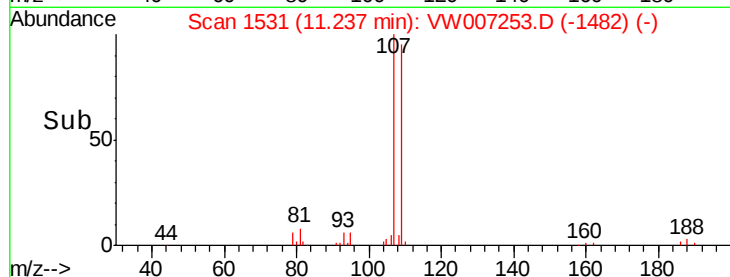
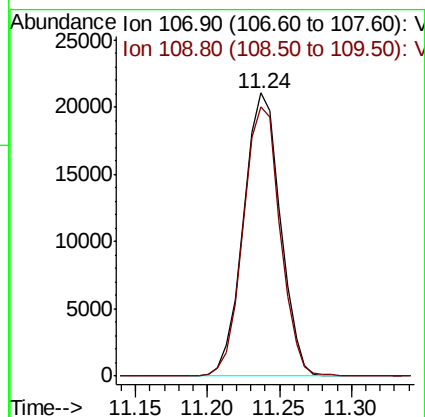
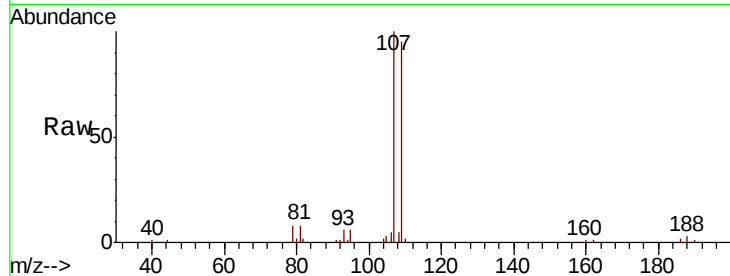
109 95.1 77.3 115.9

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#62

4-Bromofluorobenzene

Concen: 50.389 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

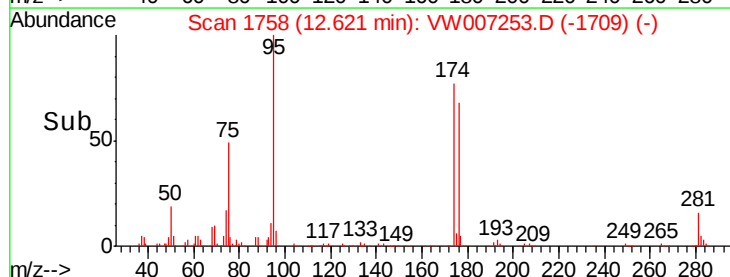
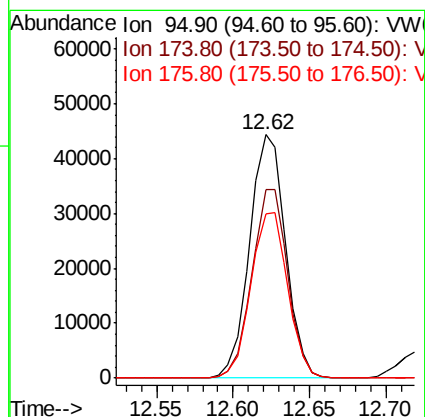
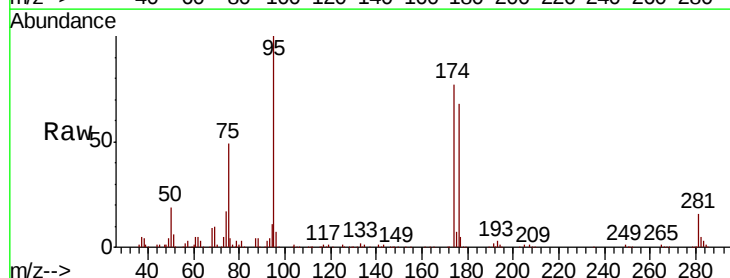
Tgt Ion: 95 Resp: 72466

Ion Ratio Lower Upper

95 100

174 77.2 0.0 148.0

176 69.8 0.0 139.4





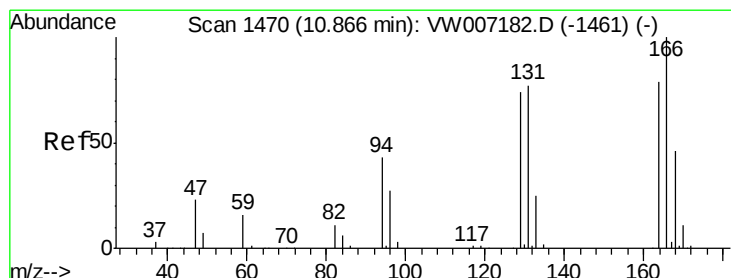
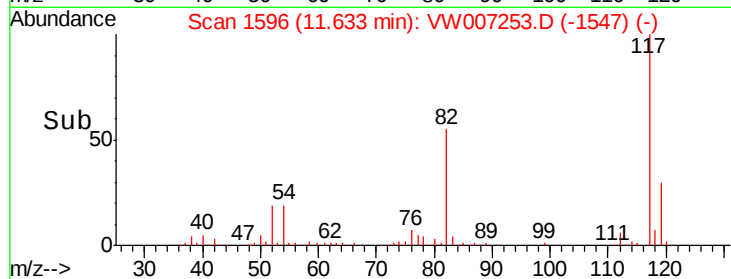
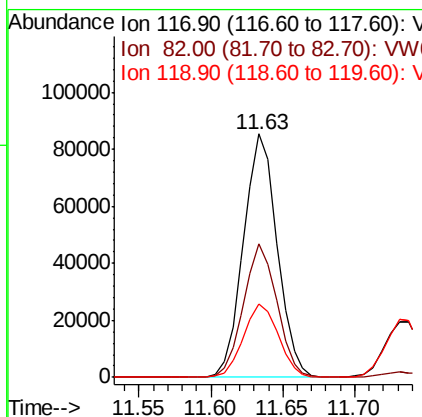
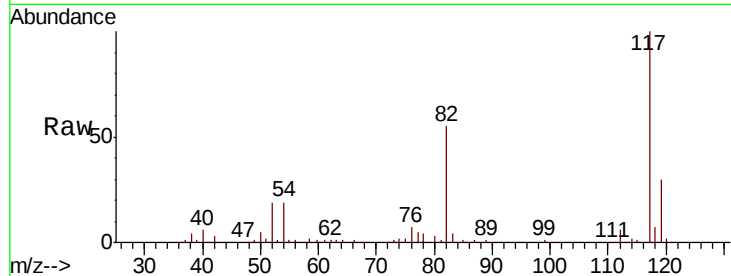
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	47.4	71.2
119	30.4	26.8	40.2

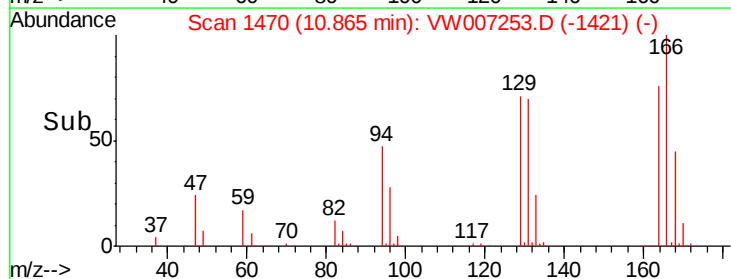
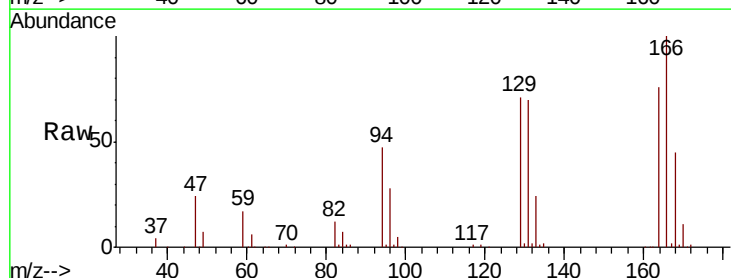
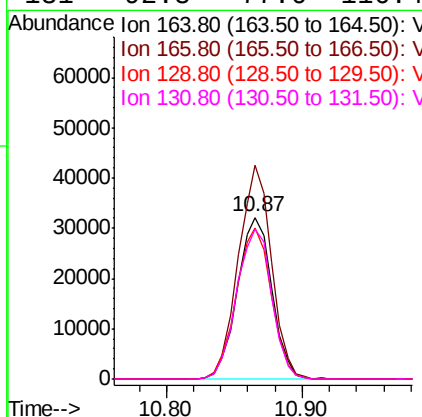
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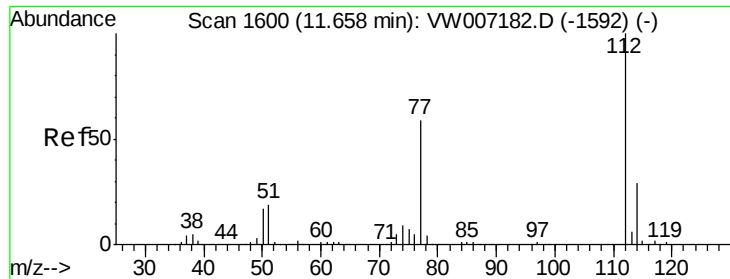
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#64
Tetrachloroethene
Concen: 56.186 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	101.0	151.4
129	93.5	74.6	111.8
131	92.8	77.6	116.4





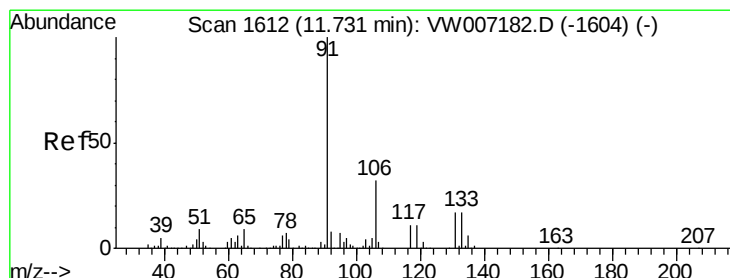
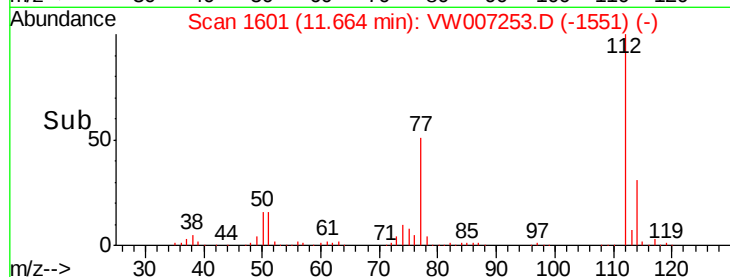
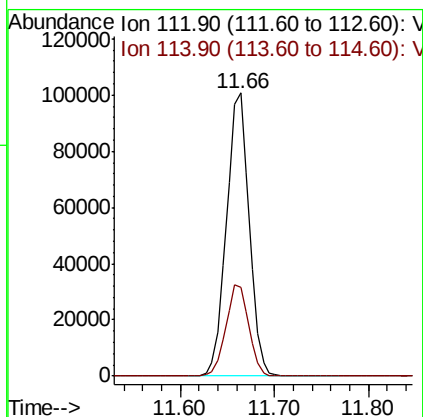
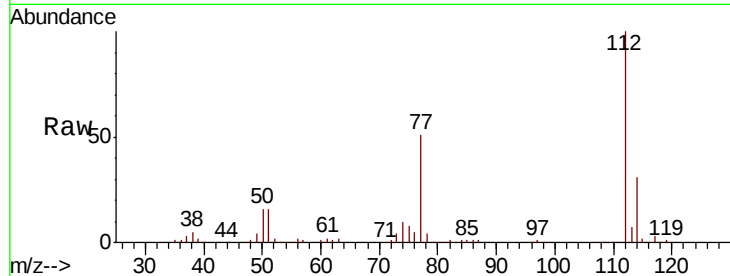
#65
Chlorobenzene
Concen: 54.599 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 168504
Ion Ratio Lower Upper
112 100
114 31.5 23.0 34.4

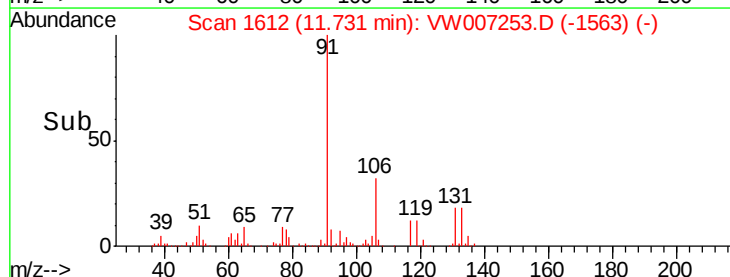
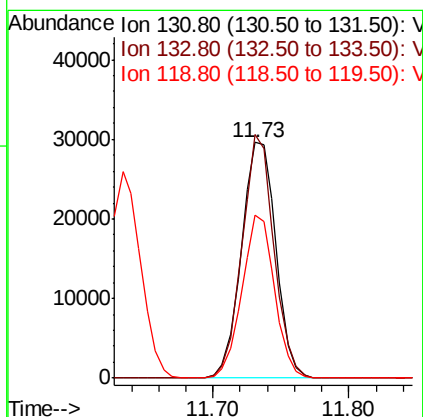
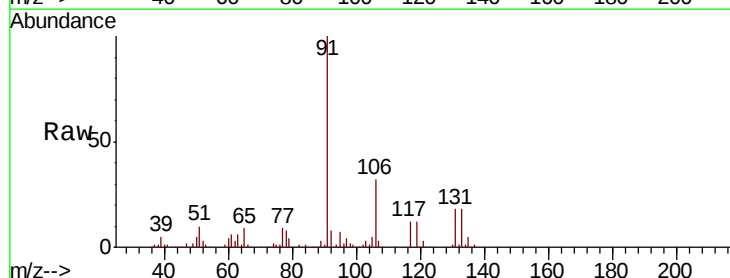
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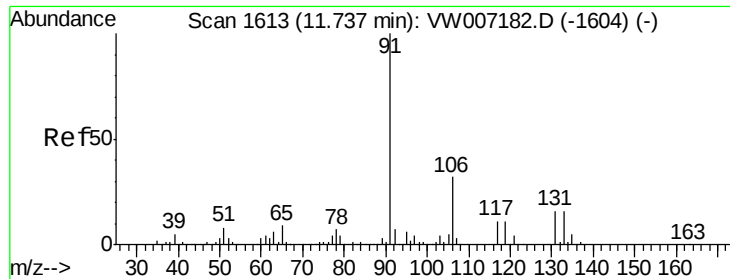
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.976 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion:131 Resp: 52399
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 65.4 32.8 98.4





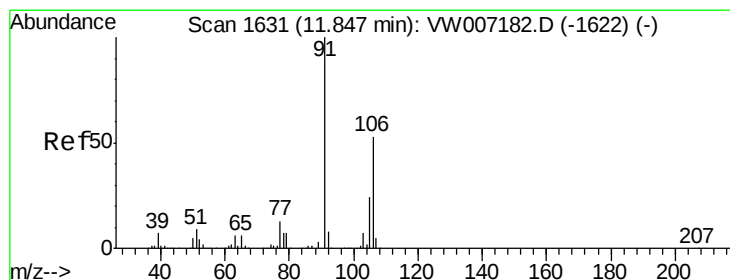
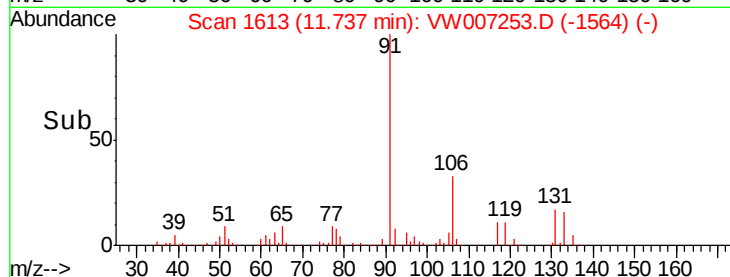
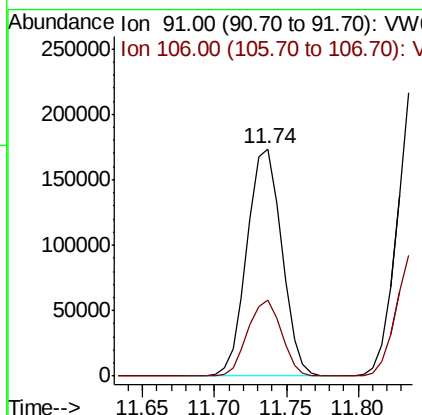
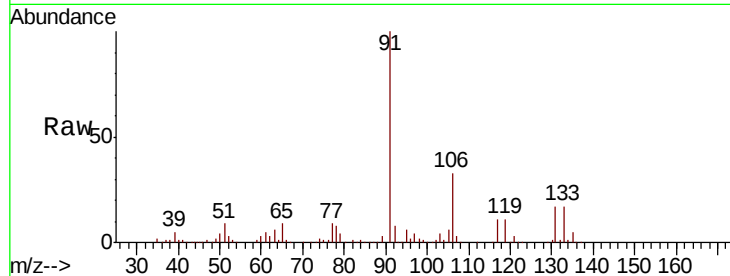
#67
Ethyl Benzene
Concen: 51.588 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 290178
Ion Ratio Lower Upper
91 100
106 33.4 26.0 39.0

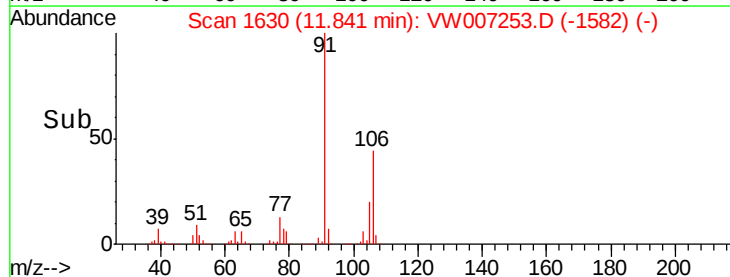
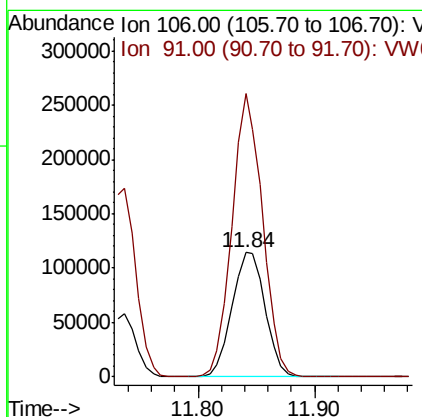
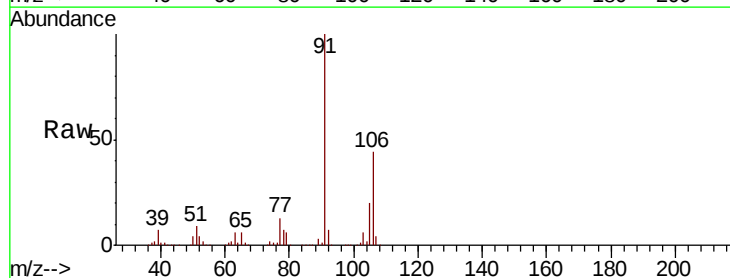
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#68
m/p-Xylenes
Concen: 102.493 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion: 106 Resp: 226168
Ion Ratio Lower Upper
106 100
91 209.6 160.2 240.4





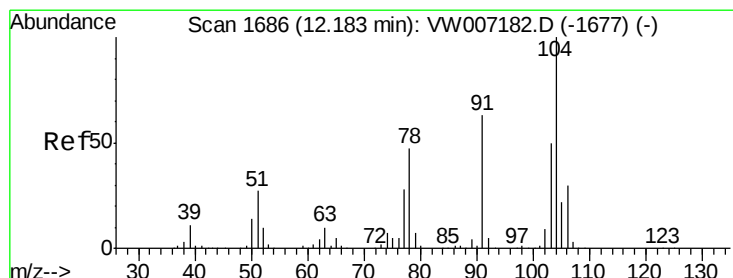
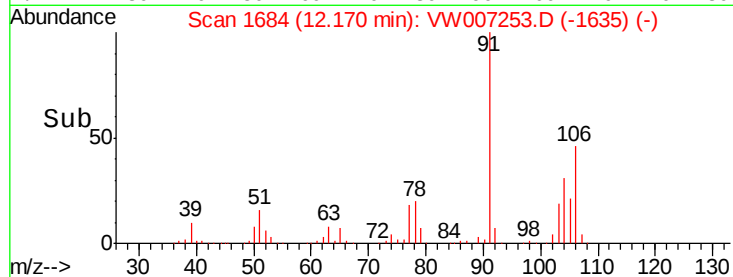
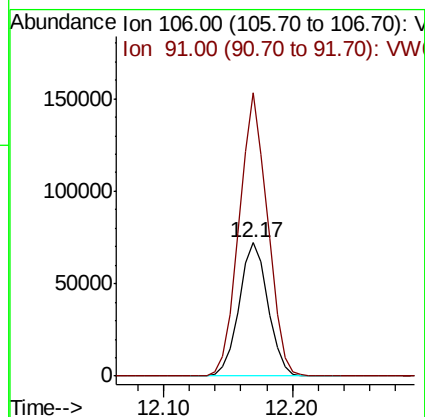
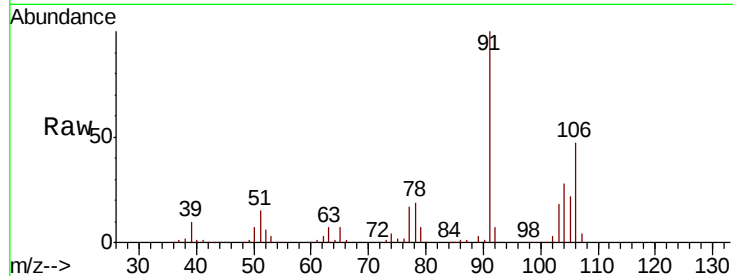
#69
o-Xylene
Concen: 54.223 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 111791
Ion Ratio Lower Upper
106 100
91 209.6 104.9 314.7

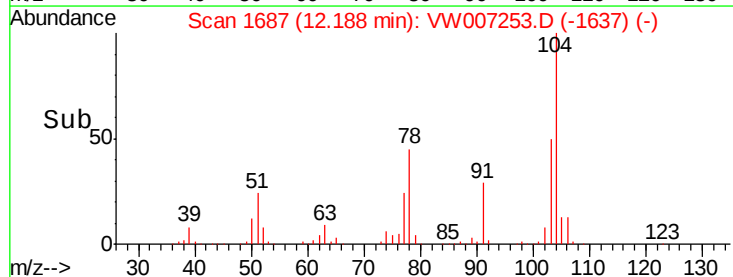
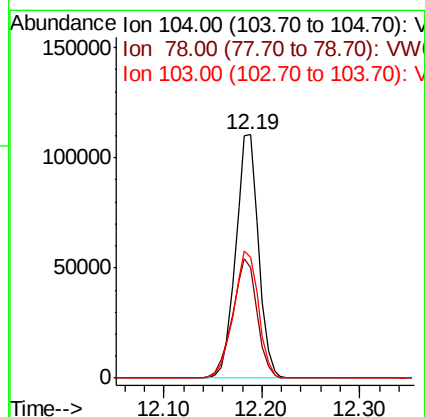
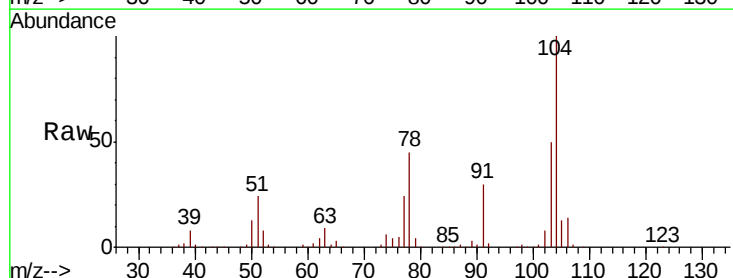
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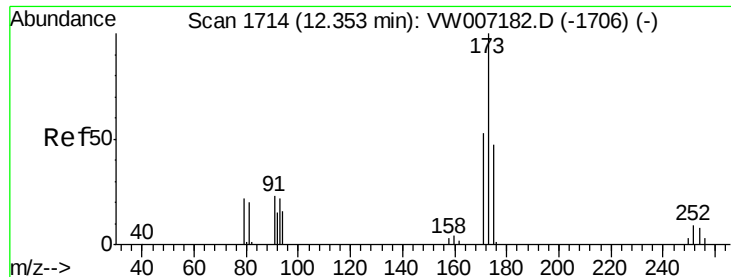
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#70
Styrene
Concen: 52.793 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion:104 Resp: 178170
Ion Ratio Lower Upper
104 100
78 52.7 40.6 60.8
103 57.2 43.0 64.4





#71

Bromoform

Concen: 54.698 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 26098

Ion Ratio Lower Upper

173 100

175 47.5 24.0 72.0

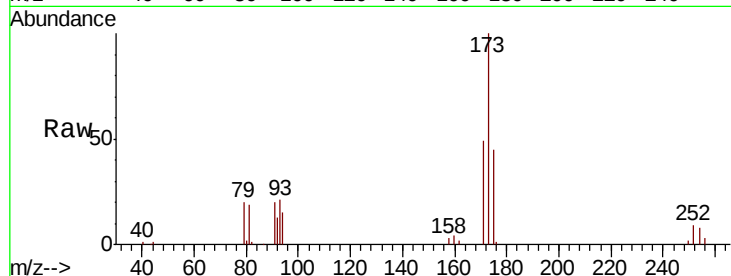
254 0.0 0.0 0.0

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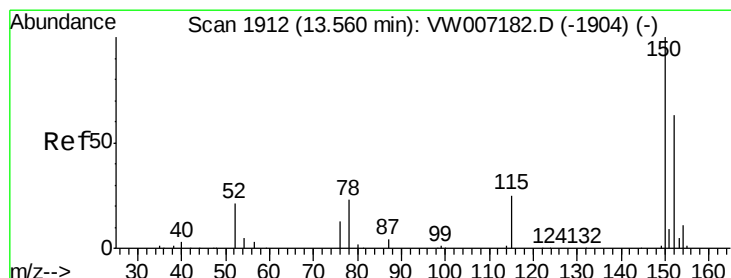
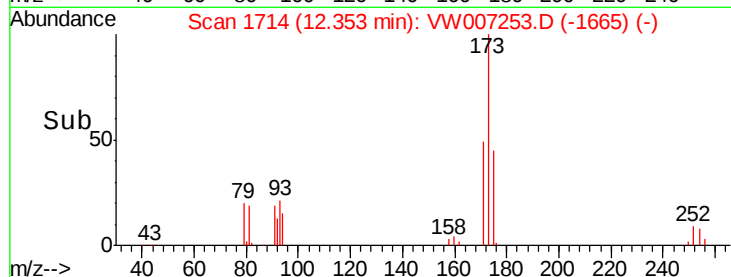
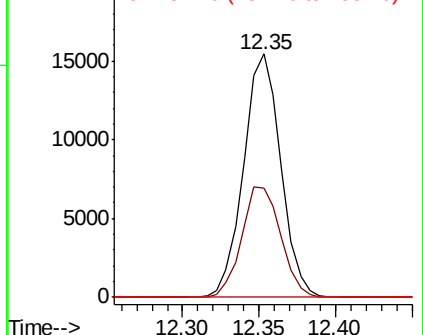


Abundance

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: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

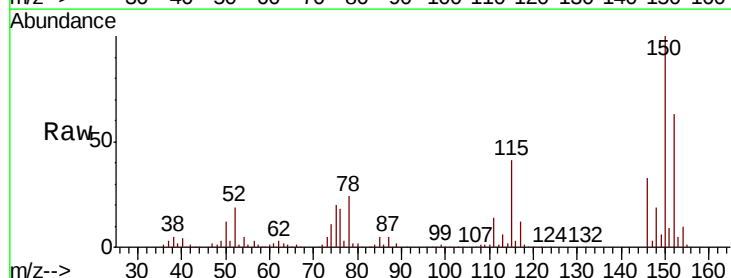
Tgt Ion:152 Resp: 67775

Ion Ratio Lower Upper

152 100

115 63.2 31.3 93.8

150 173.2 0.0 358.0

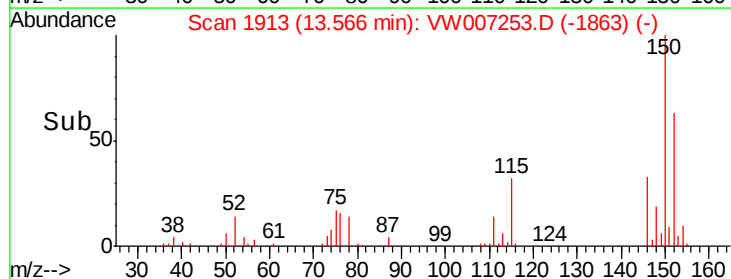
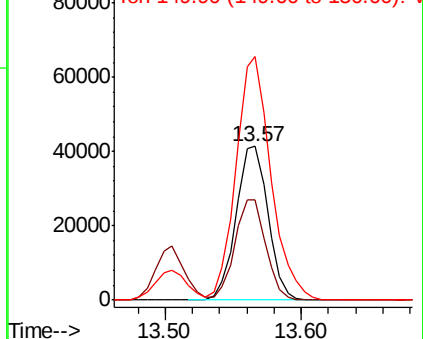


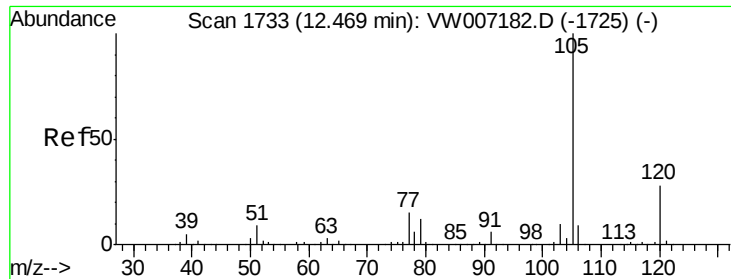
Abundance

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: 55.383 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 305290

Ion Ratio Lower Upper

105 100

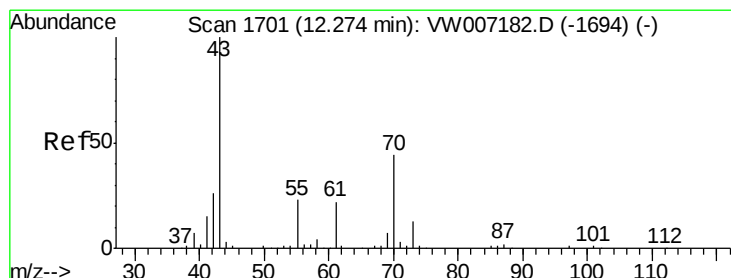
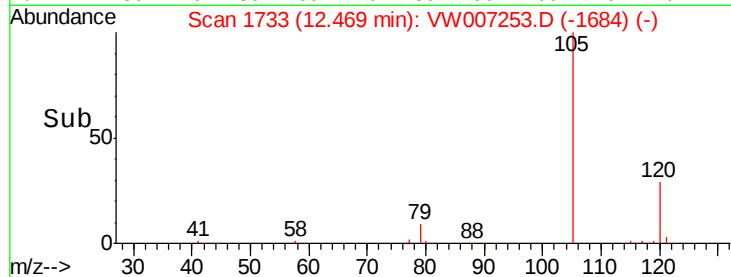
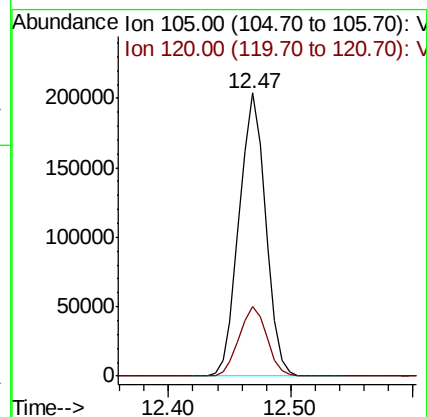
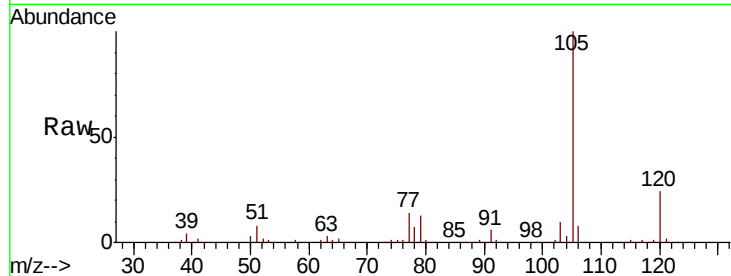
120 25.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 56.222 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Tgt Ion: 43 Resp: 54948

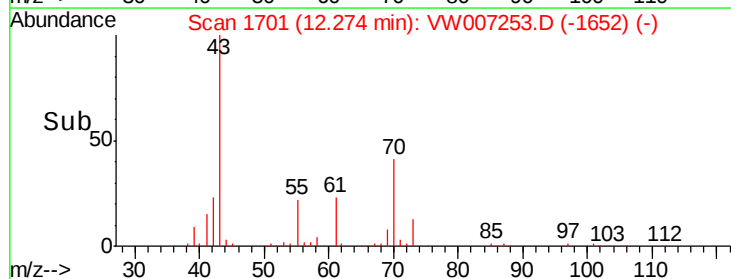
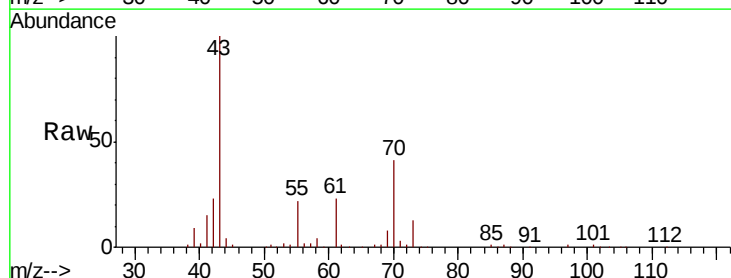
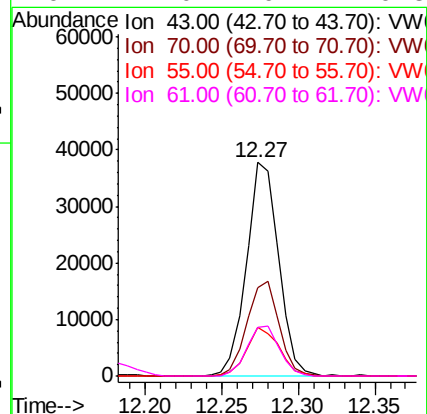
Ion Ratio Lower Upper

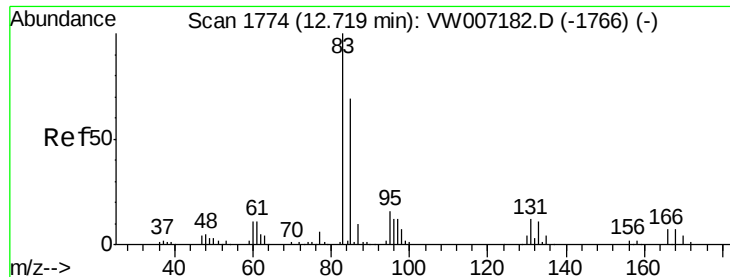
43 100

70 44.2 34.0 51.0

55 23.3 19.0 28.6

61 24.0 19.7 29.5





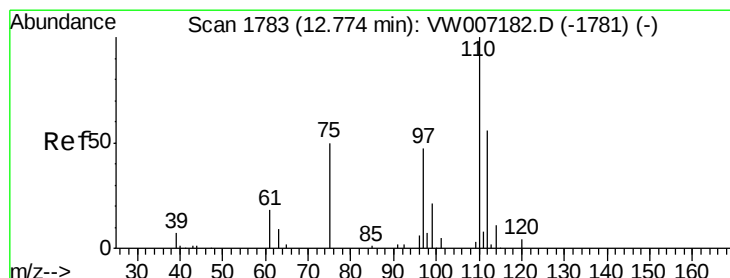
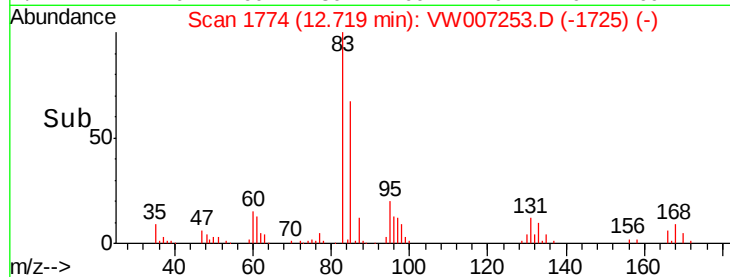
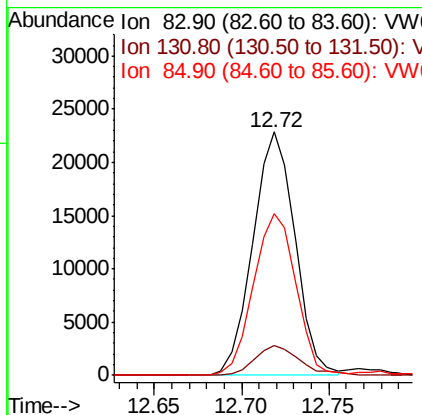
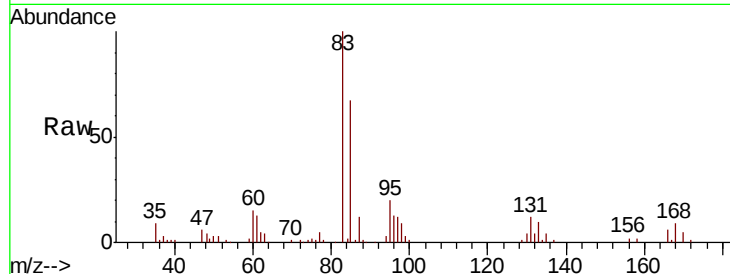
#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.243 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	38117		
131	13.0	6.0	18.1	
85	67.1	33.0	99.0	

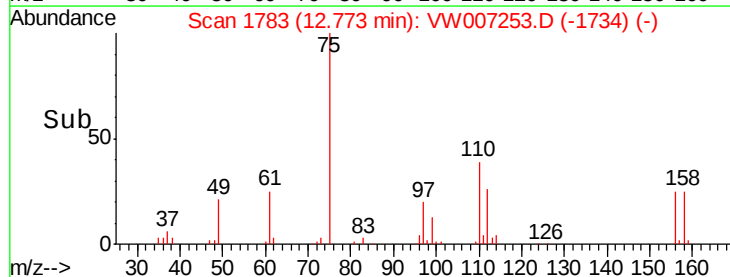
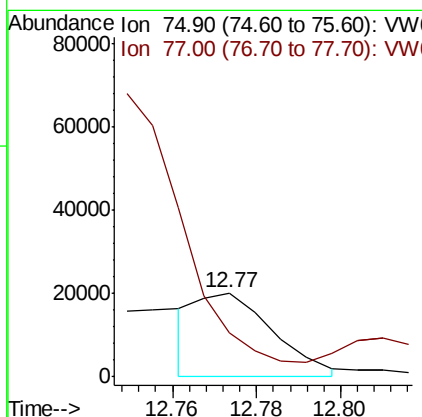
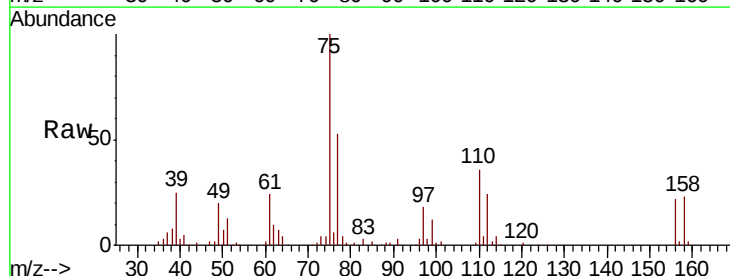
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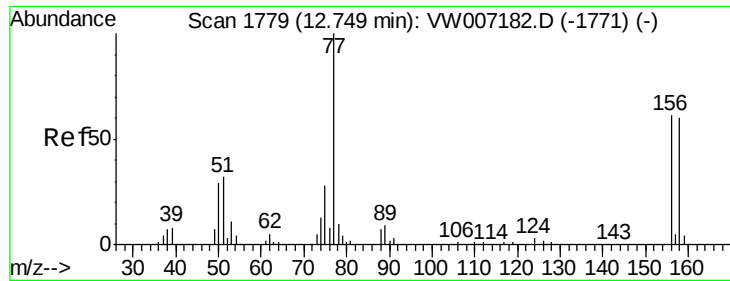
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#76
 1,2,3-Trichloropropane
 Concen: 49.012 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25721		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 56.344 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

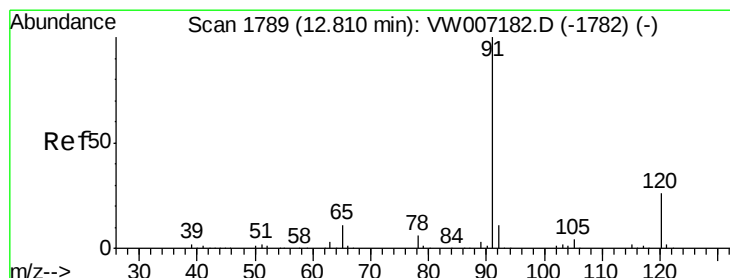
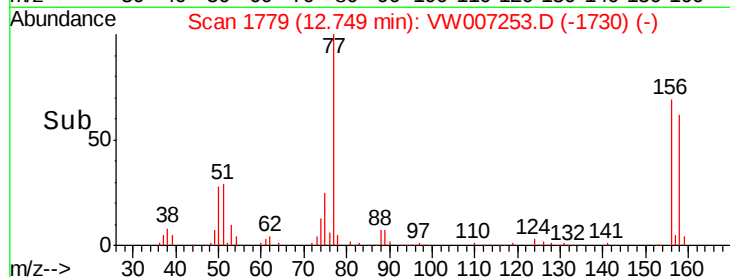
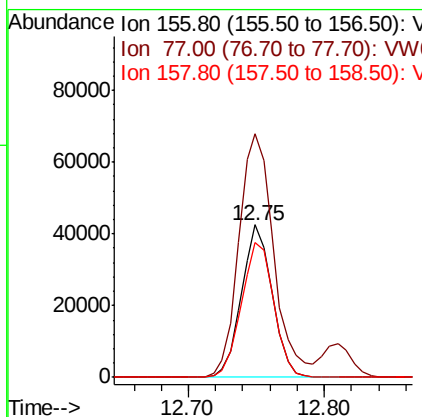
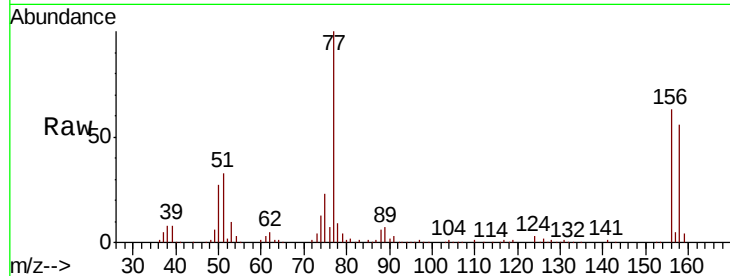
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
156	67042		
156	100		
77	181.4	92.0	276.1
158	93.2	49.0	147.0

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#78

n-propylbenzene

Concen: 53.886 ug/l

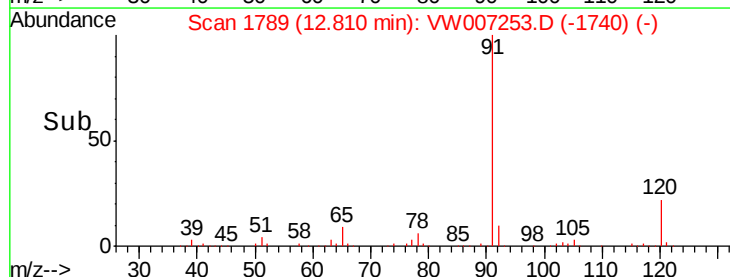
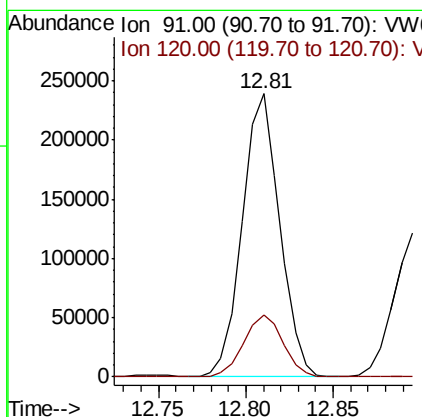
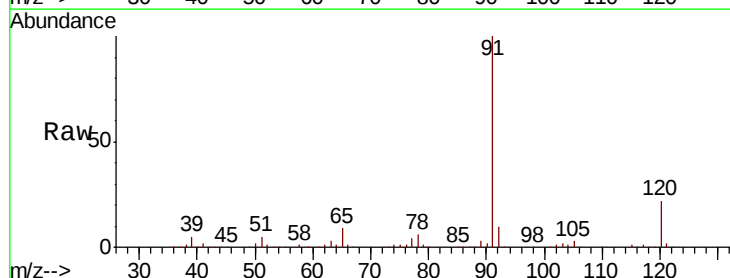
RT: 12.81 min Scan# 1789

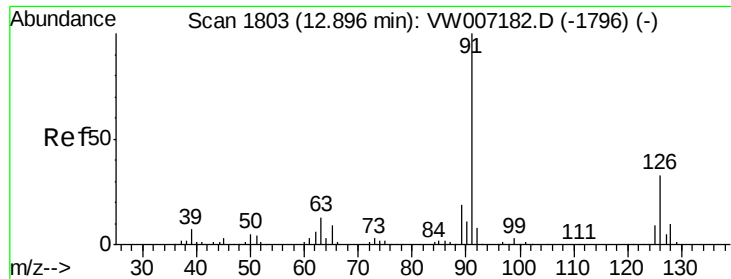
Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Tgt Ion	Resp	Lower	Upper
91	353888		
91	100		
120	22.9	12.5	37.5





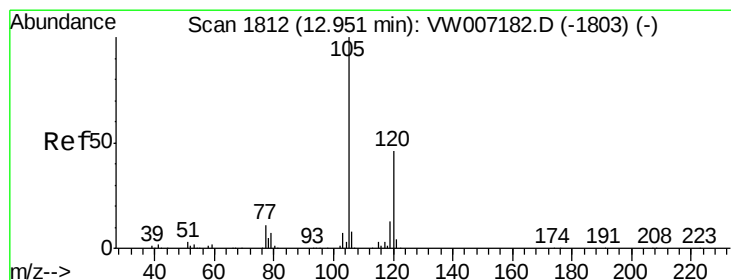
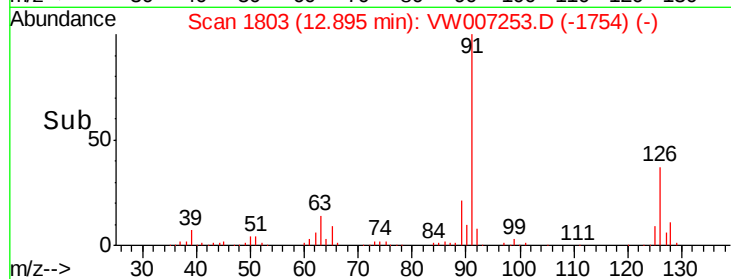
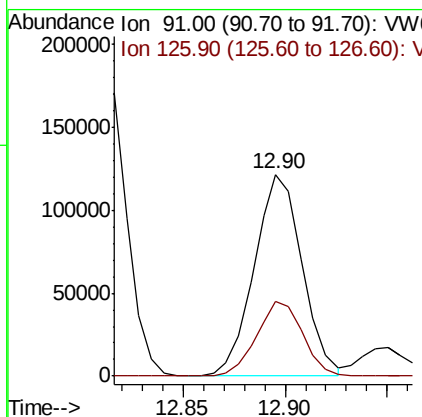
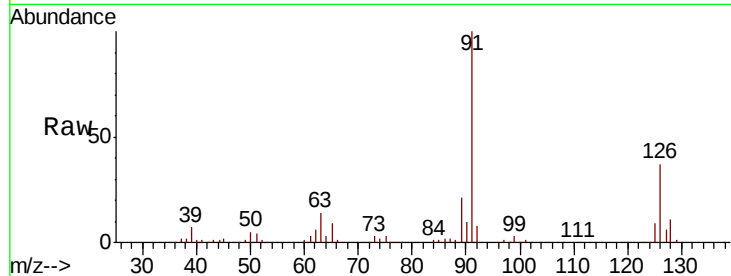
#79
 2-Chlorotoluene
 Concen: 53.286 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 197616
 Ion Ratio Lower Upper
 91 100
 126 36.0 16.7 50.1

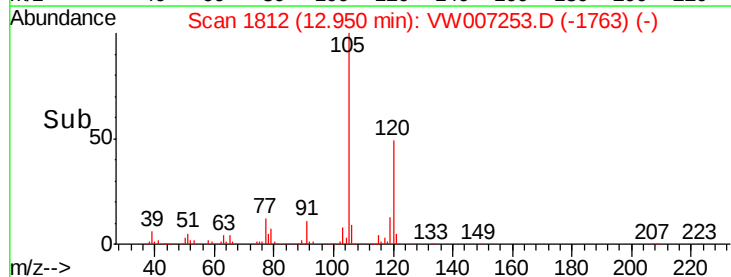
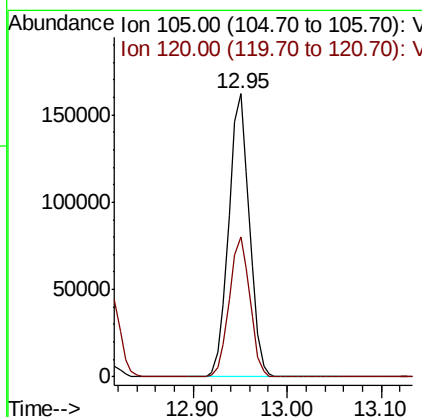
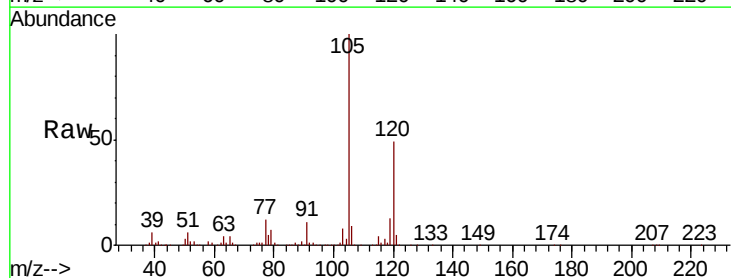
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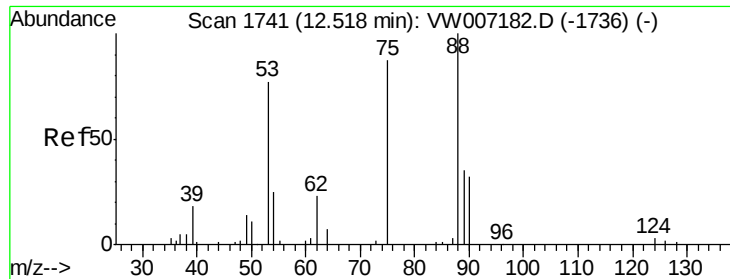
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.322 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion: 105 Resp: 246736
 Ion Ratio Lower Upper
 105 100
 120 49.5 23.8 71.5





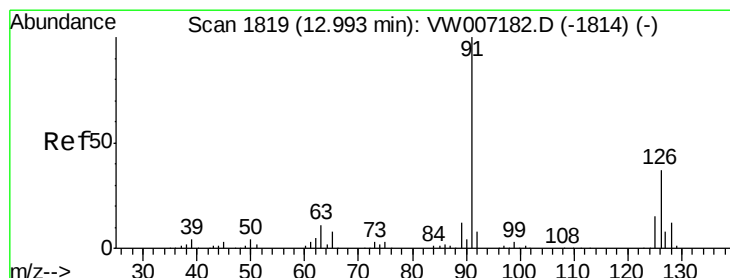
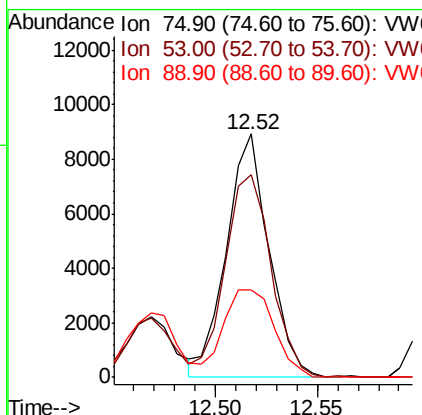
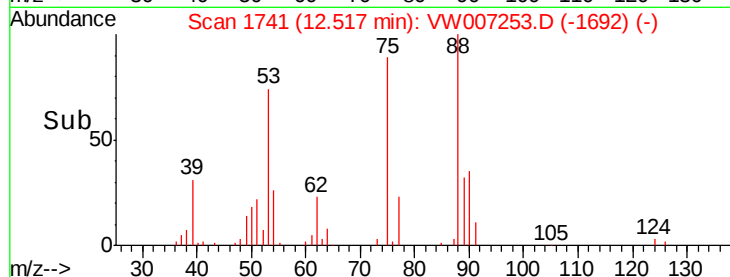
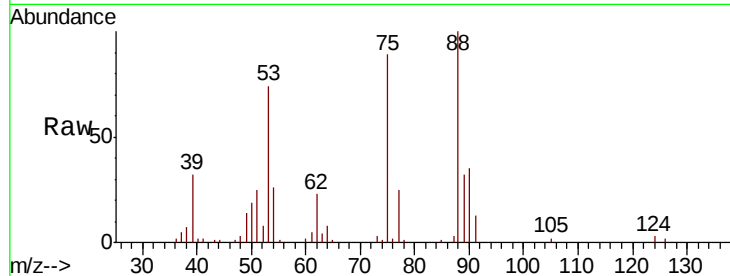
#81
trans-1,4-Dichloro-2-butene
Concen: 52.895 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.6	72.8	109.2
89	42.6	36.4	54.6

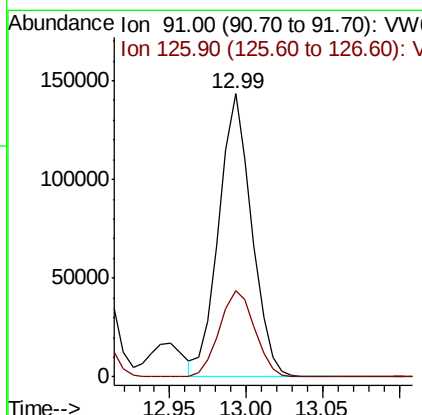
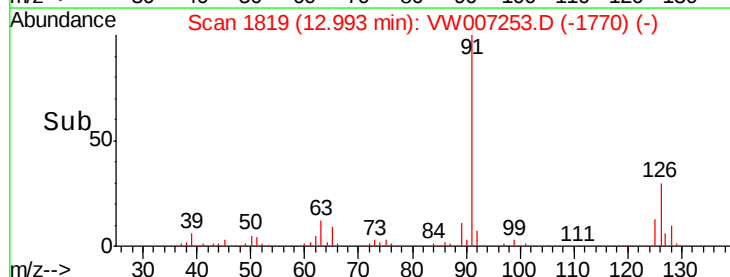
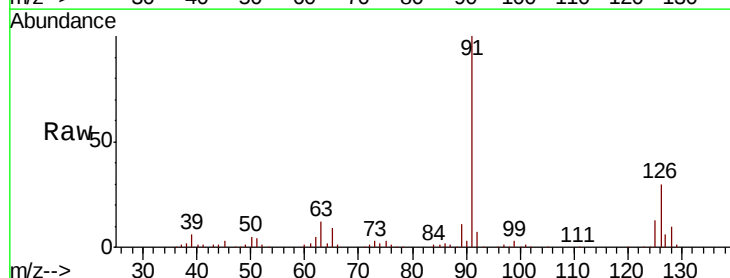
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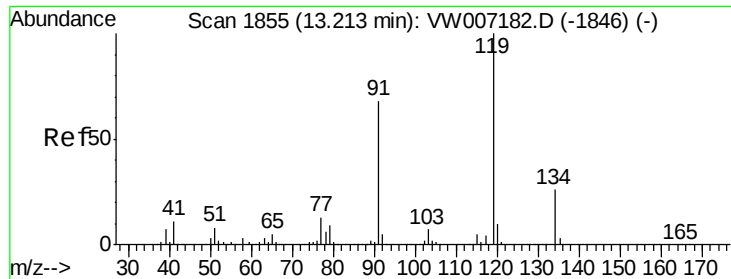
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#82
4-Chlorotoluene
Concen: 53.862 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	17.4	52.3





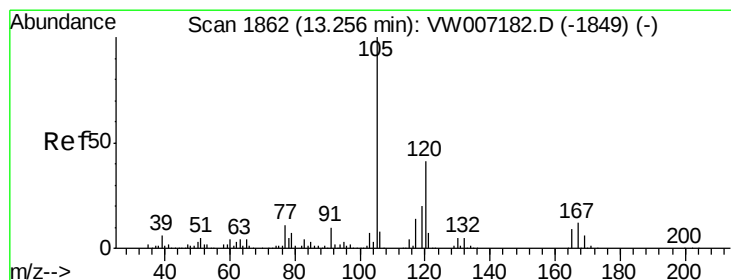
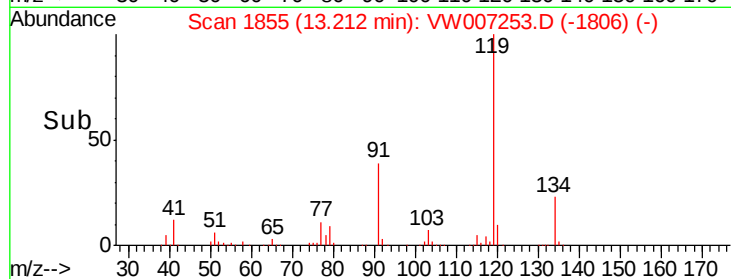
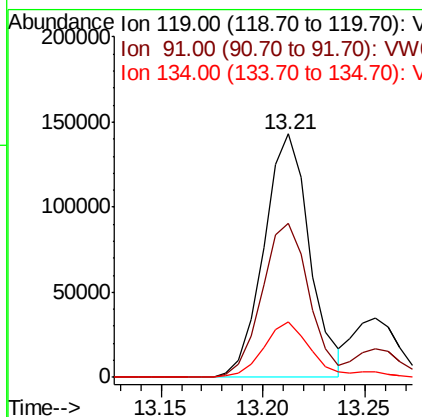
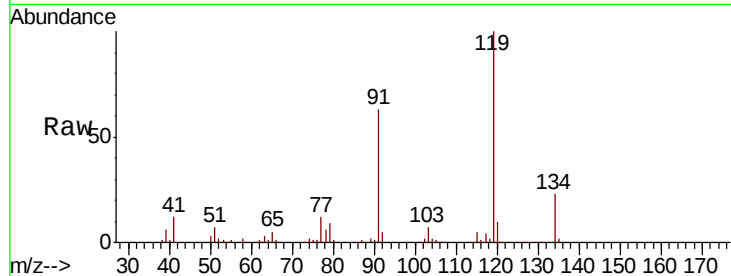
#83
tert-Butylbenzene
Concen: 54.181 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	223283		
91	65.5	34.0	101.8	
134	23.0	13.2	39.5	

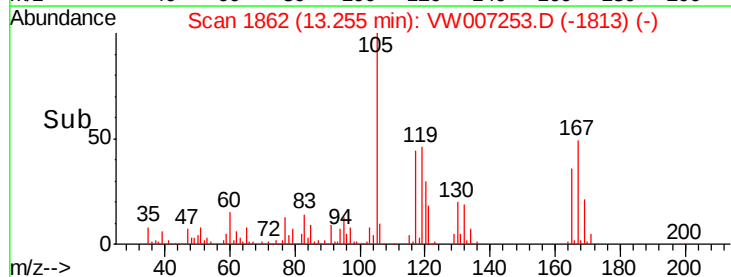
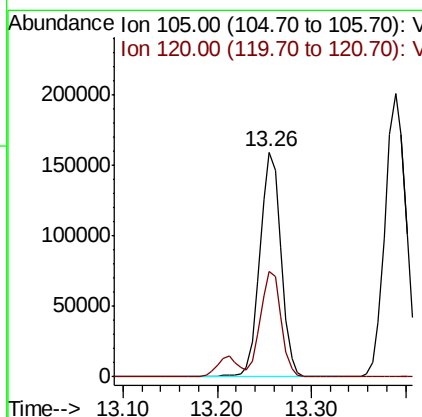
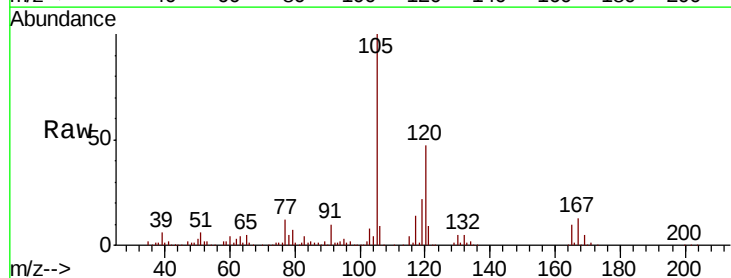
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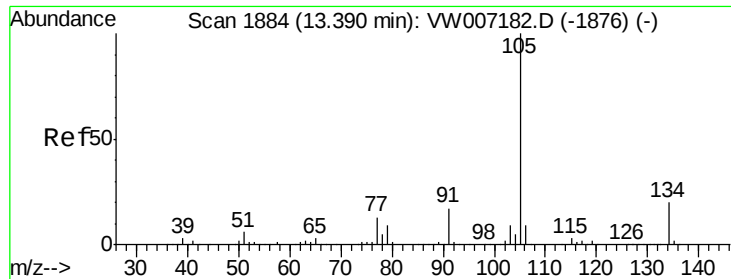
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#84
1,2,4-Trimethylbenzene
Concen: 52.205 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	251297		
120	45.7	21.1	63.3	





#85

sec-Butylbenzene

Concen: 53.069 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 312219

Ion Ratio Lower Upper

105 100

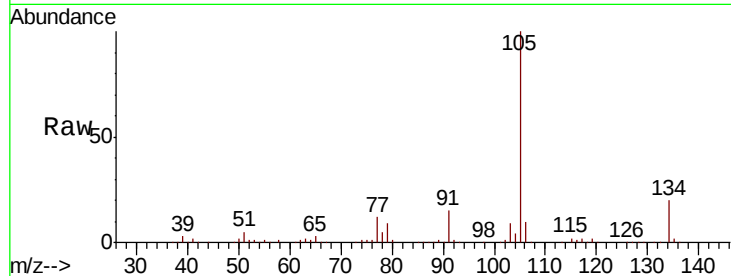
134 19.7 10.3 30.8

Manual Integrations

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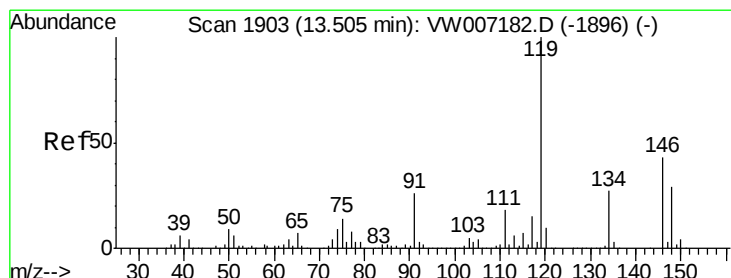
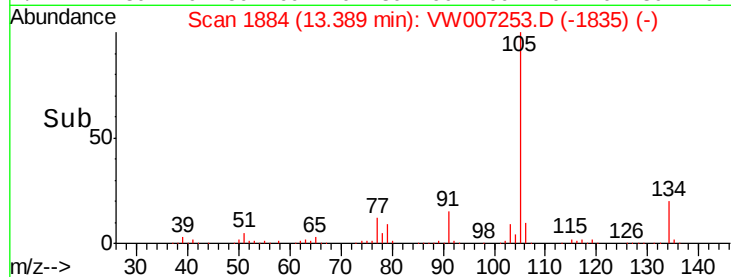
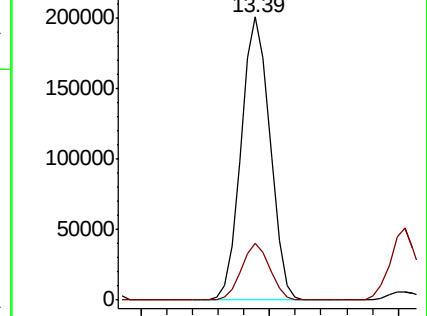
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.577 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007253.D

Acq: 06 Dec 2018 00:42

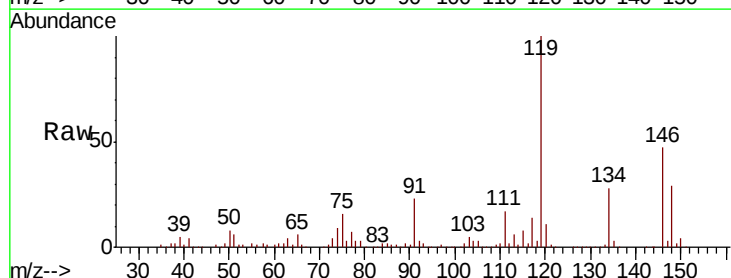
Tgt Ion:119 Resp: 275357

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

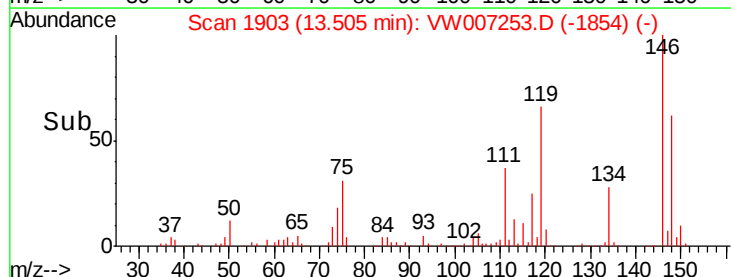
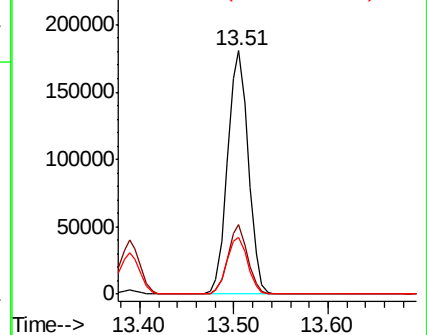
91 23.6 12.4 37.2

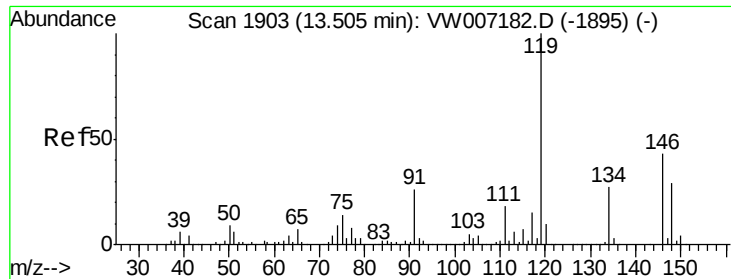


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





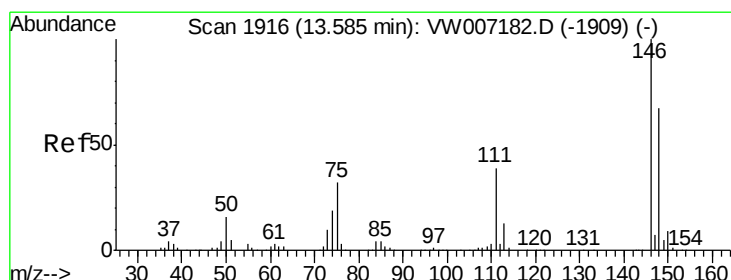
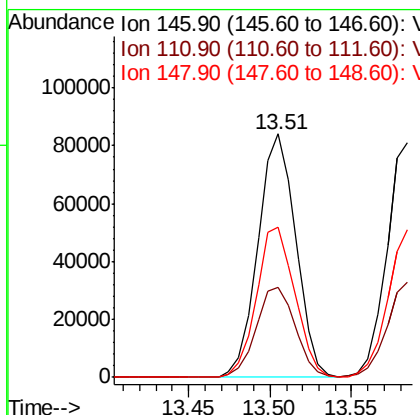
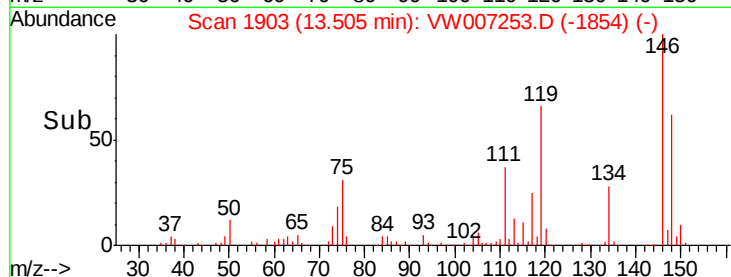
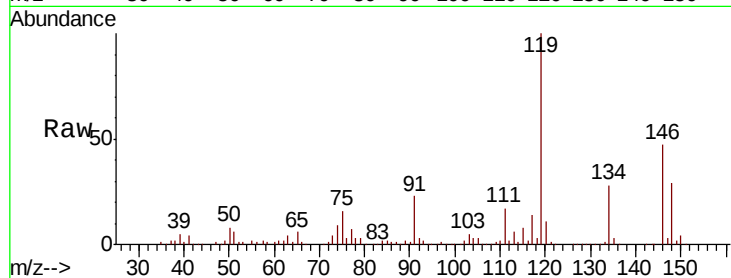
#87
 1,3-Dichlorobenzene
 Concen: 55.221 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	21.1	63.4
148	62.6	32.8	98.4

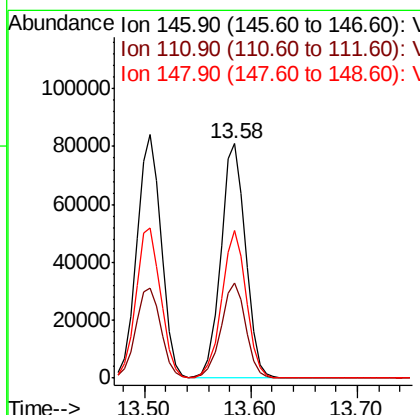
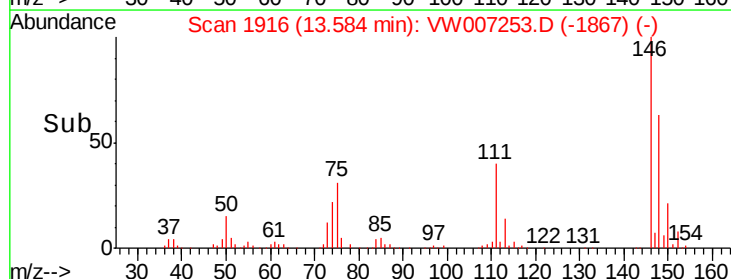
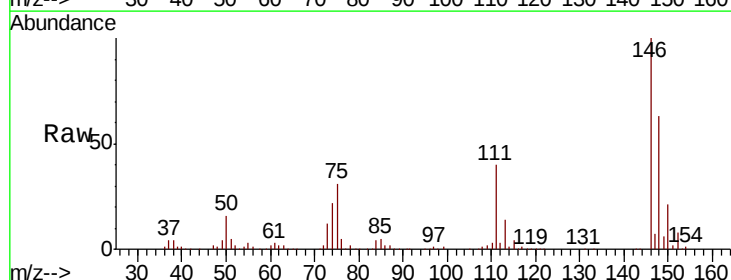
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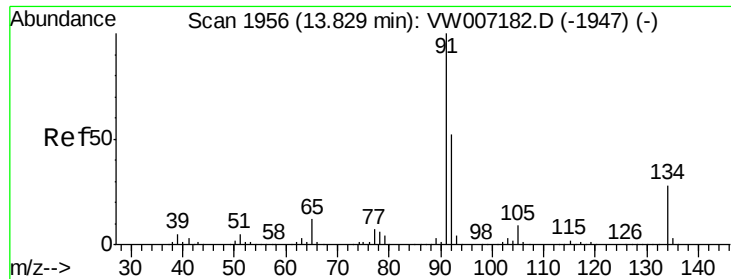
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#88
 1,4-Dichlorobenzene
 Concen: 53.054 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.8
148	62.6	32.6	98.0





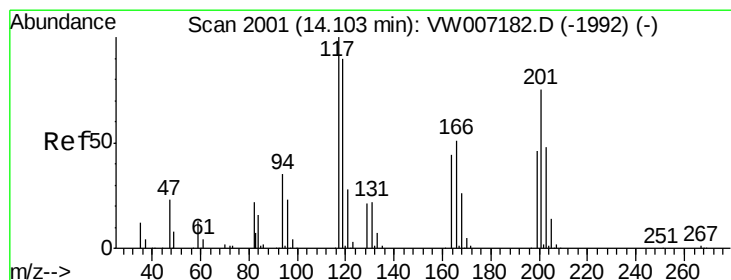
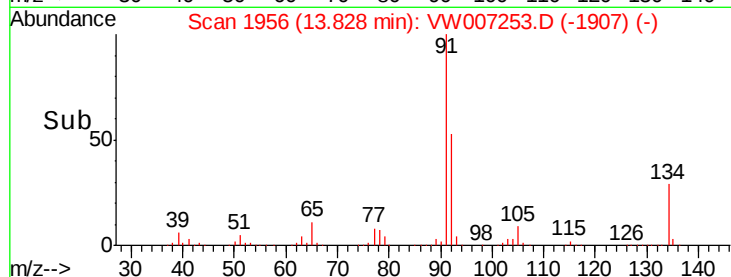
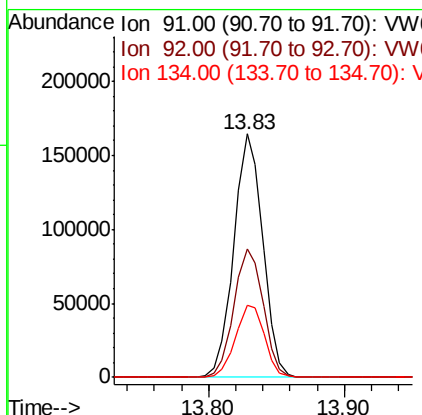
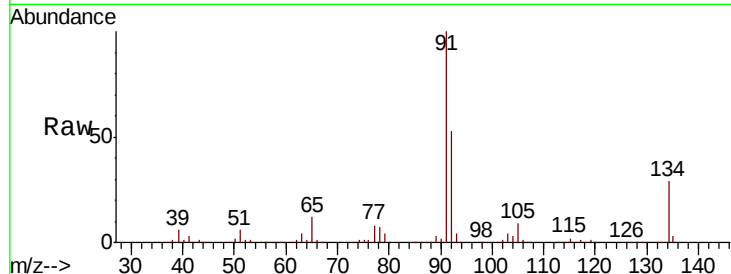
#89
n-Butylbenzene
Concen: 49.856 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	29.6	14.1	42.2

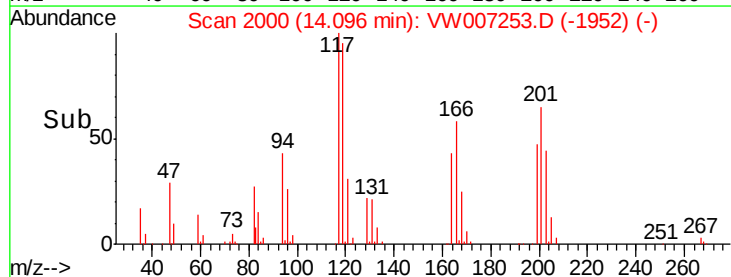
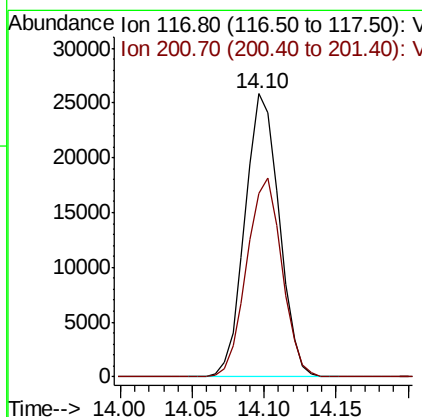
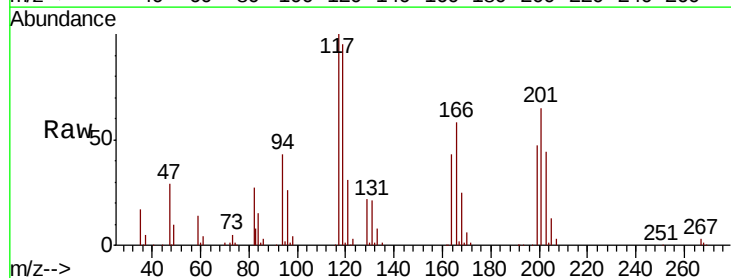
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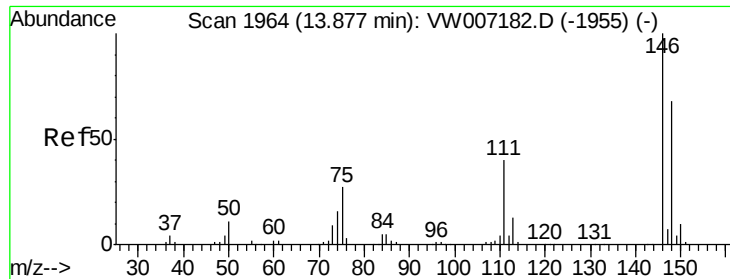
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#90
Hexachloroethane
Concen: 53.342 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.4	36.0	108.1





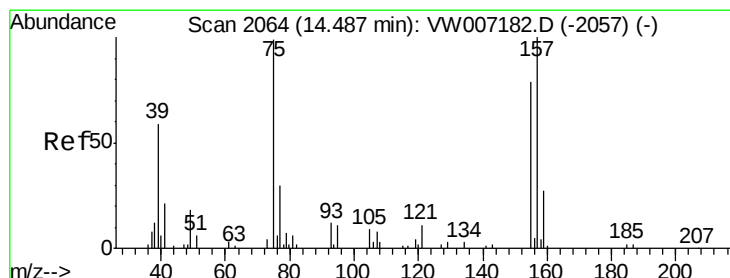
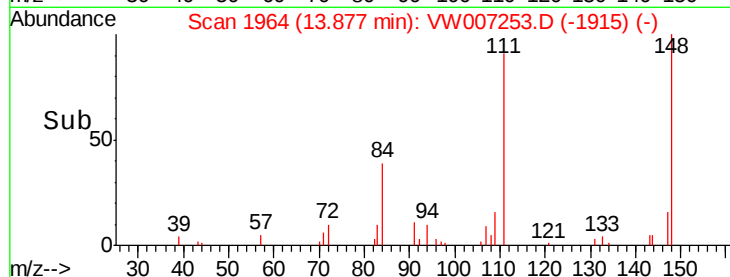
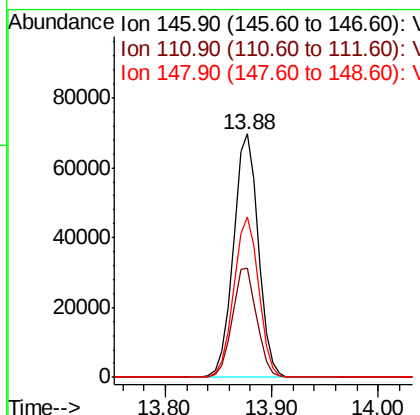
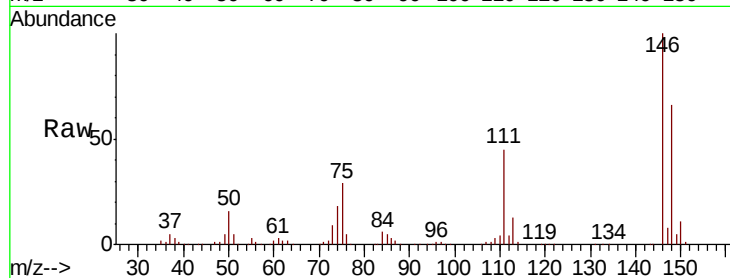
#91
 1,2-Dichlorobenzene
 Concen: 54.127 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.6	65.0
148	65.8	32.7	98.1

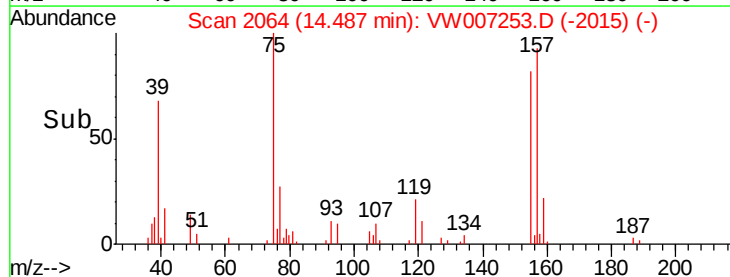
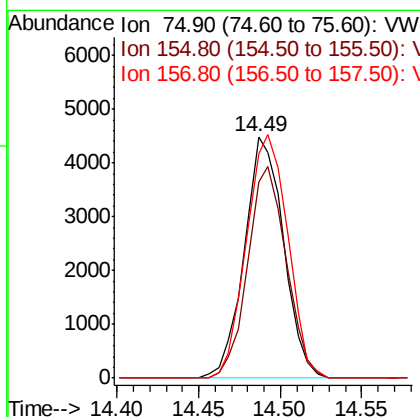
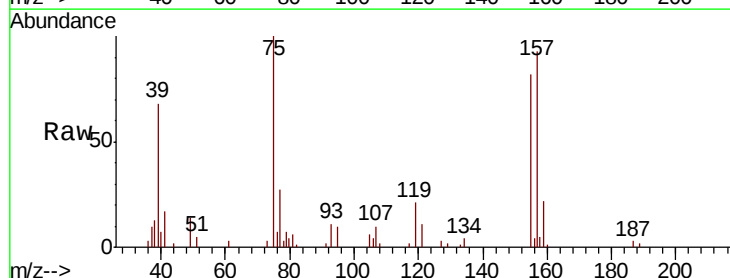
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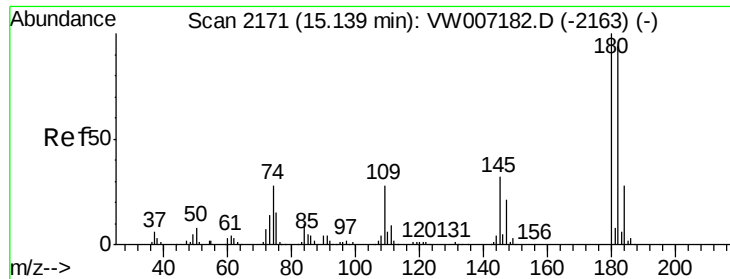
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.152 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	42.4	127.2
157	105.9	55.3	165.9





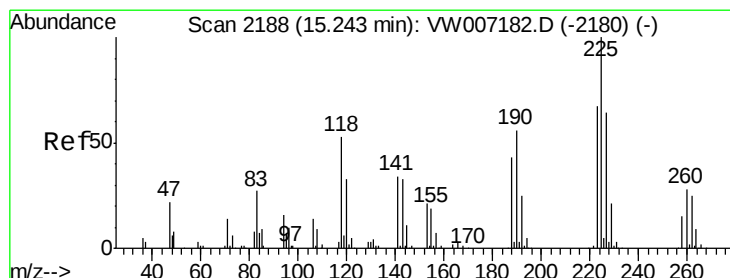
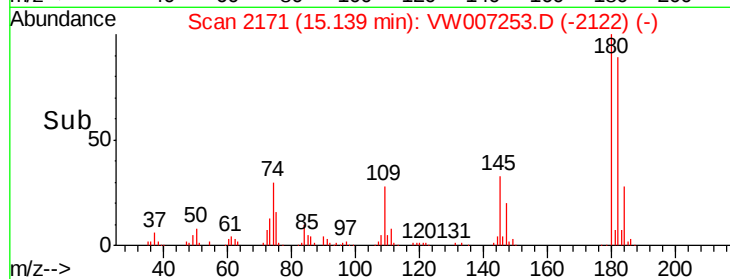
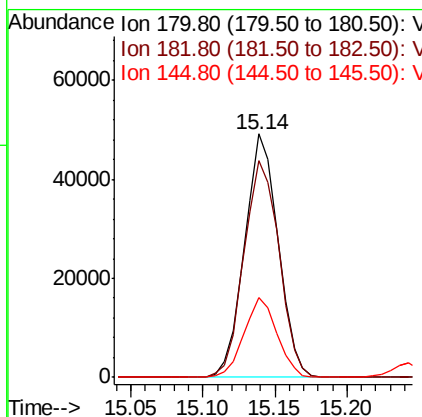
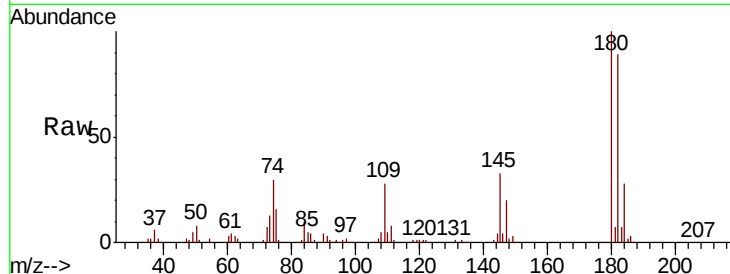
#93
 1,2,4-Trichlorobenzene
 Concen: 54.138 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.9	143.8
145	32.4	16.6	49.7

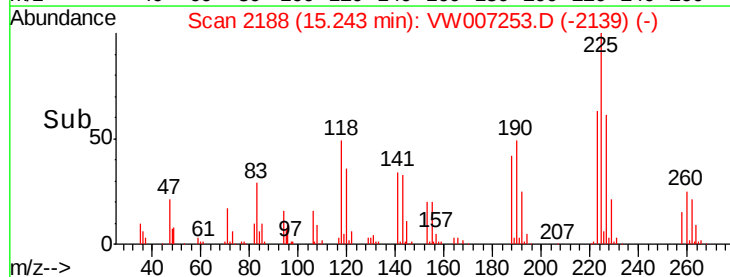
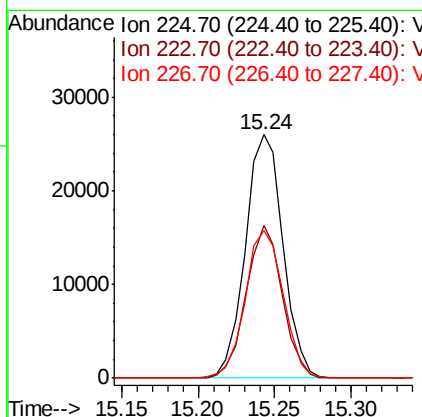
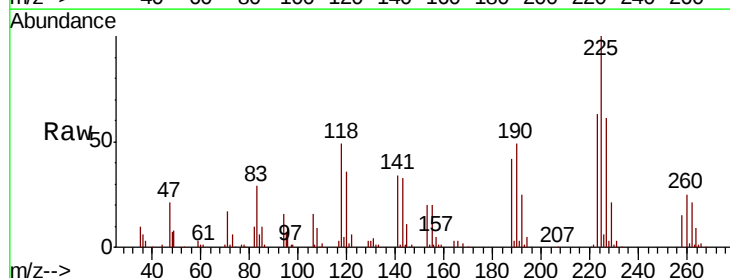
Manual Integrations
 APPROVED

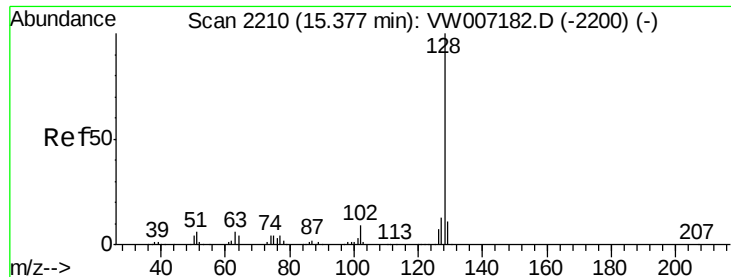
apatel
 12/6/2018 12:56:14 PM



#94
 Hexachlorobutadiene
 Concen: 56.048 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007253.D
 Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	32.3	96.8
227	61.3	32.1	96.3





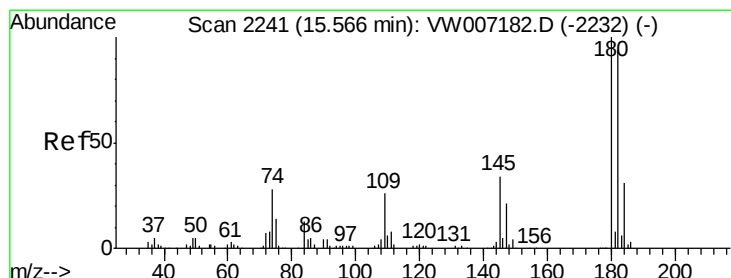
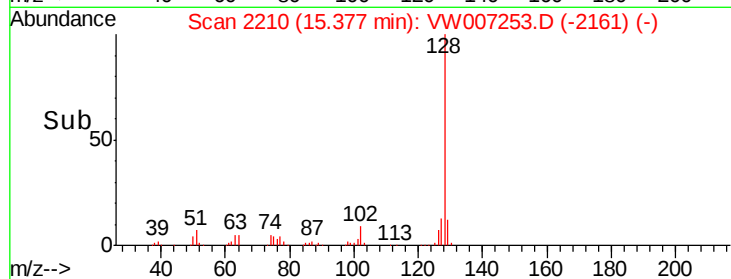
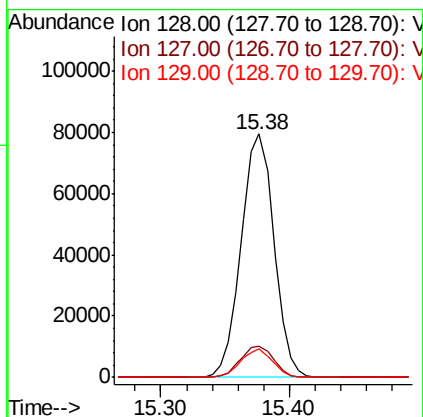
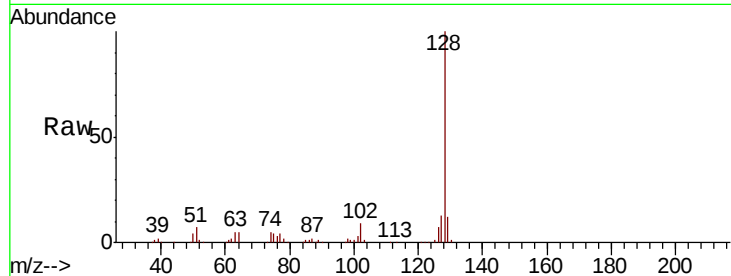
#95
Naphthalene
Concen: 53.339 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.3	8.6	13.0

Manual Integrations
APPROVED

apatel
12/6/2018 12:56:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.565 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007253.D
Acq: 06 Dec 2018 00:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	36.7	17.6	52.8

