

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007648.D
 Acq On : 18 Dec 2018 10:24
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 12/19/2018 12:15:00 PM

Quant Time: Dec 19 04:12:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	35494	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	7.88	113	33491	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	10.32	98	127672	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.62	95	47486	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27156	54.433	ug/l	96
3) Chloromethane	2.21	50	17633	42.202	ug/l	96
4) Vinyl Chloride	2.37	62	24381	49.724	ug/l	98
5) Bromomethane	2.78	94	15765	47.853	ug/l	90
6) Chloroethane	2.93	64	12868	47.675	ug/l	97
7) Trichlorofluoromethane	3.26	101	25433	57.694	ug/l	94
8) Diethyl Ether	3.68	74	15334	44.443	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40187	55.249	ug/l	97
10) Methyl Iodide	4.26	142	61486	51.038	ug/l	97
11) Tert butyl alcohol	5.17	59	10969	201.650	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	37312	53.277	ug/l	98
13) Acrolein	3.89	56	8199	227.791	ug/l	97
14) Allyl chloride	4.66	41	49768	48.210	ug/l	95
15) Acrylonitrile	5.37	53	31390	215.814	ug/l	98
16) Acetone	4.12	43	39653	286.623	ug/l	94
17) Carbon Disulfide	4.37	76	107299	50.530	ug/l	100
18) Methyl Acetate	4.67	43	15770	41.999	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	48499	45.905	ug/l	93
20) Methylene Chloride	4.91	84	36365	47.903	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	39922	50.958	ug/l	96
22) Diisopropyl ether	6.31	45	93035	46.887	ug/l	92
23) Vinyl Acetate	6.26	43	262864	236.845	ug/l	96
24) 1,1-Dichloroethane	6.21	63	67520	50.348	ug/l	99
25) 2-Butanone	7.17	43	42570	235.701	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50638	57.054	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	42369	49.391	ug/l	97
28) Bromochloromethane	7.51	49	21438	42.499	ug/l	97
29) Tetrahydrofuran	7.53	42	23454	205.128	ug/l	97
30) Chloroform	7.68	83	74305	50.915	ug/l	97
31) Cyclohexane	7.95	56	58552	47.587	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	69321	54.165	ug/l	99
36) 1,1-Dichloropropene	8.08	75	57047	55.199	ug/l	99
37) Ethyl Acetate	7.25	43	16892	43.946	ug/l	99
38) Carbon Tetrachloride	8.07	117	67685	60.191	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71956	57.499	ug/l	93
40) Benzene	8.32	78	152032	53.009	ug/l	100
41) Methacrylonitrile	7.48	41	9693	44.283	ug/l	92
42) 1,2-Dichloroethane	8.40	62	47195	52.384	ug/l	99
43) Isopropyl Acetate	8.43	43	34632	45.612	ug/l	97
44) Trichloroethene	9.09	130	45962	56.120	ug/l	99
45) 1,2-Dichloropropane	9.37	63	35160	52.976	ug/l	100
46) Dibromomethane	9.46	93	19822	52.591	ug/l	96
47) Bromodichloromethane	9.65	83	53621	54.237	ug/l	94
48) Methyl methacrylate	9.44	41	16852	43.216	ug/l	87
49) 1,4-Dioxane	9.45	88	6245	1021.163	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	84567	235.721	ug/l	99
52) Toluene	10.39	92	102517	55.234	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	51583	53.744	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	59507	53.632	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	27218	53.060	ug/l	96
56) Ethyl methacrylate	10.65	69	31174	50.560	ug/l	98
57) 1,3-Dichloropropane	10.93	76	43985	52.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	71880	252.804	ug/l	97
59) 2-Hexanone	10.97	43	63896	267.101	ug/l	99
60) Dibromochloromethane	11.13	129	35514	54.859	ug/l	99
61) 1,2-Dibromoethane	11.24	107	26085	51.456	ug/l	97
64) Tetrachloroethene	10.87	164	36856	51.885	ug/l	94
65) Chlorobenzene	11.66	112	112688	54.734	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	40138	55.354	ug/l	98
67) Ethyl Benzene	11.73	91	203742	57.559	ug/l	91
68) m/p-Xylenes	11.84	106	157034	114.117	ug/l	100
69) o-Xylene	12.17	106	73264	57.007	ug/l	97
70) Styrene	12.18	104	120096	57.855	ug/l	98
71) Bromoform	12.35	173	19752	53.219	ug/l #	99
73) Isopropylbenzene	12.47	105	212203	55.116	ug/l	99
74) N-amyl acetate	12.27	43	32437	46.357	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	27972	49.053	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	21643m	52.240	ug/l	
77) Bromobenzene	12.75	156	46138	54.062	ug/l	98
78) n-propylbenzene	12.81	91	249111	57.492	ug/l	100
79) 2-Chlorotoluene	12.90	91	141173	53.846	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	181384	56.068	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9424	50.248	ug/l	95
82) 4-Chlorotoluene	12.99	91	150318	54.392	ug/l	98
83) tert-Butylbenzene	13.21	119	161865	56.784	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	182776	54.904	ug/l	99
85) sec-Butylbenzene	13.39	105	225347	57.910	ug/l	96
86) p-Isopropyltoluene	13.51	119	200951	57.483	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	93139	54.738	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	91282	53.362	ug/l	97
89) n-Butylbenzene	13.83	91	186970	57.692	ug/l	98
90) Hexachloroethane	14.10	117	35876	57.677	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	81946	53.770	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5521	48.245	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57164	54.504	ug/l	95
94) Hexachlorobutadiene	15.24	225	32275	57.998	ug/l	99
95) Naphthalene	15.38	128	99087	49.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	47930	52.608	ug/l	98

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

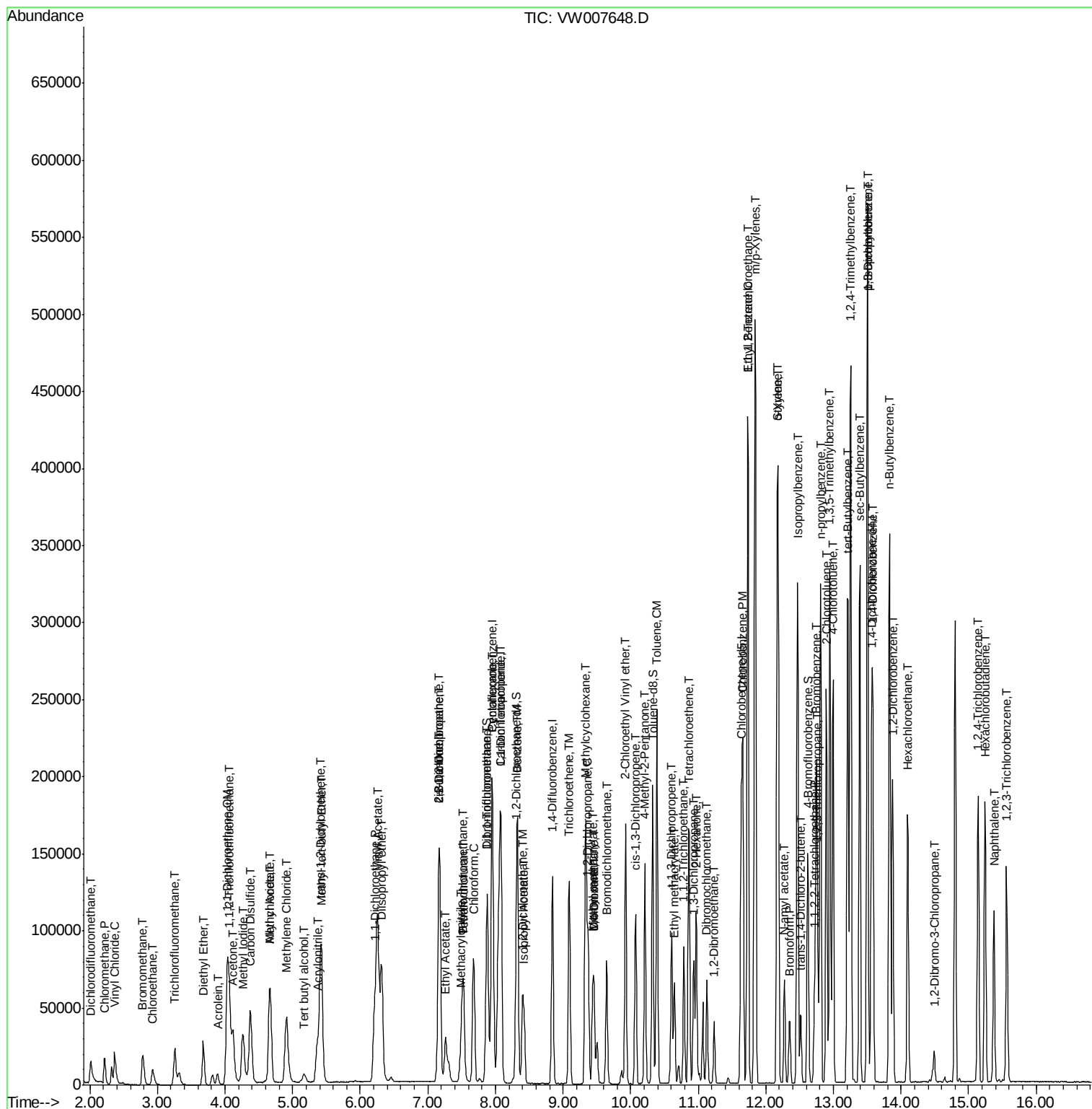
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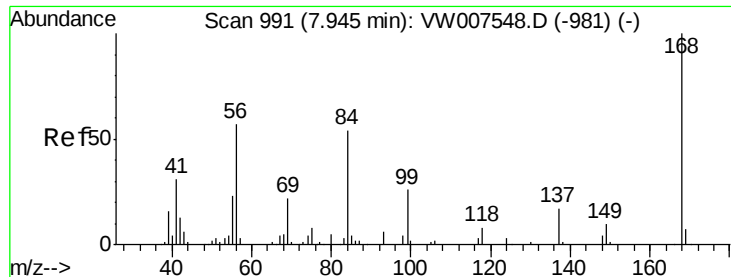
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 71392

Ion Ratio Lower Upper

168 100

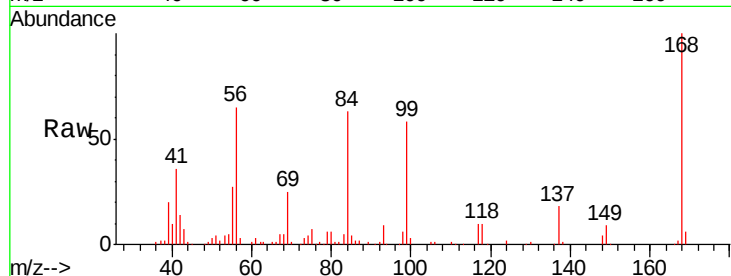
99 58.4 48.3 72.5

Manual Integrations

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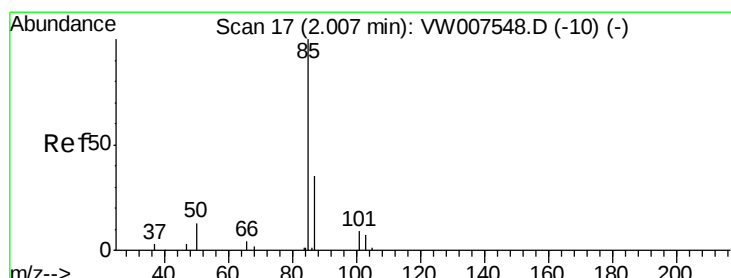
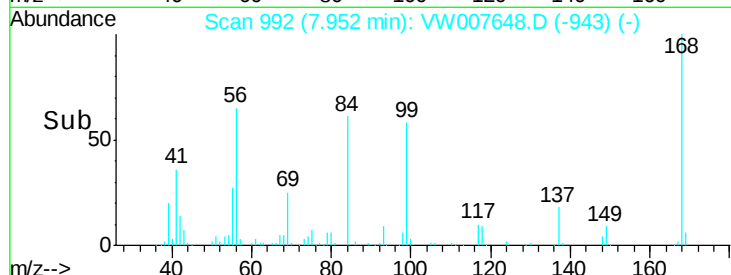
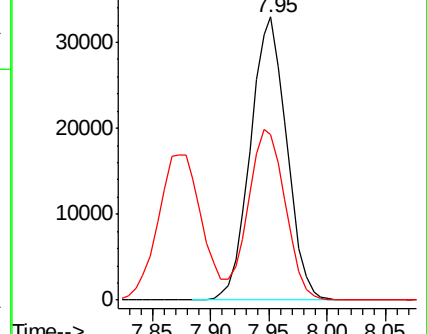
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.433 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007648.D

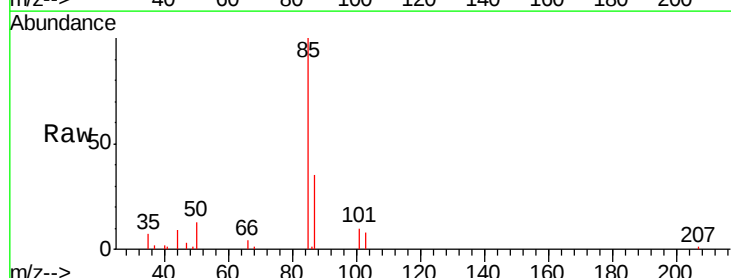
Acq: 18 Dec 2018 10:24

Tgt Ion: 85 Resp: 27156

Ion Ratio Lower Upper

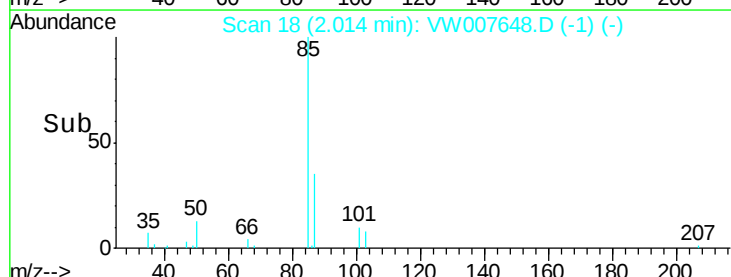
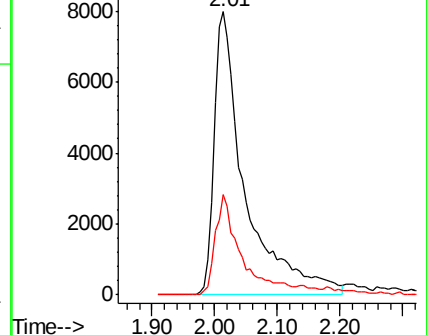
85 100

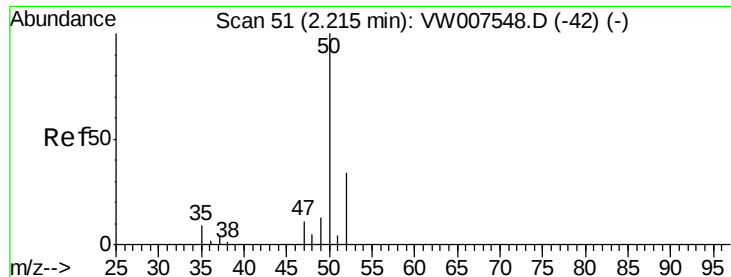
87 35.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 42.202 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 17633

Ion Ratio Lower Upper

50 100

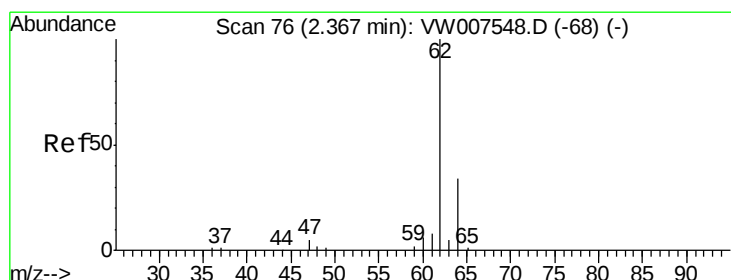
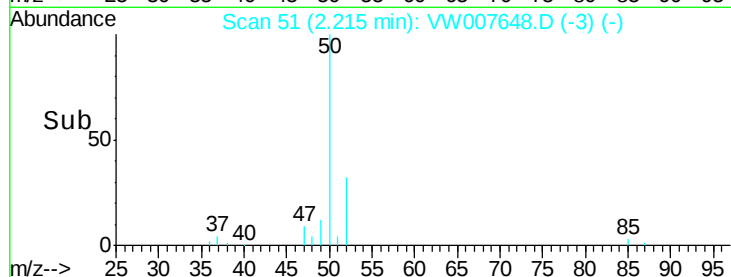
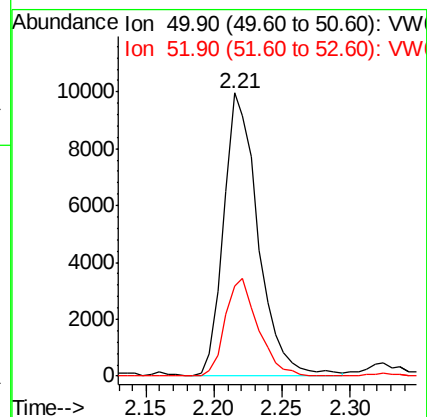
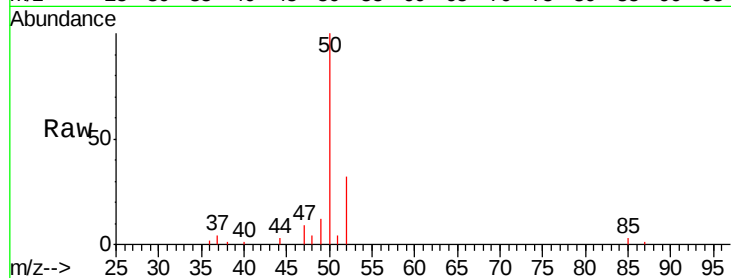
52 31.7 27.4 41.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.724 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007648.D

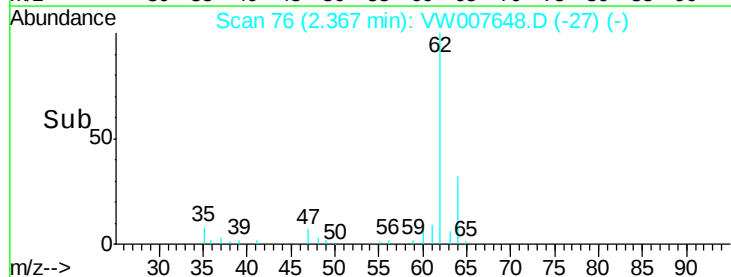
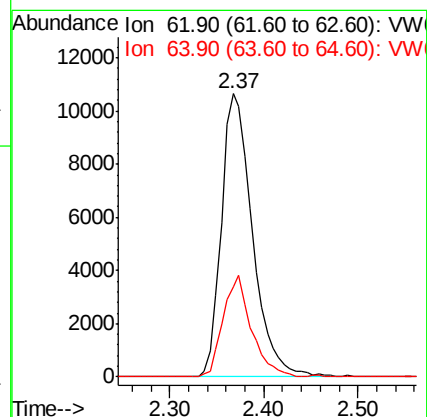
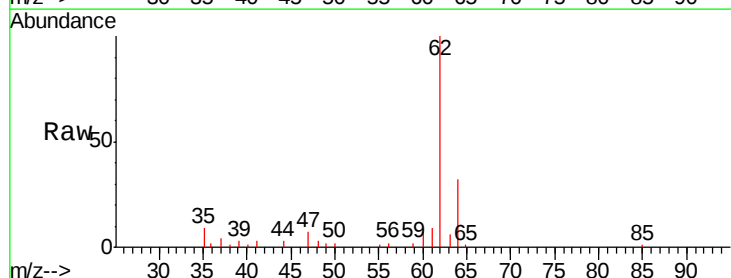
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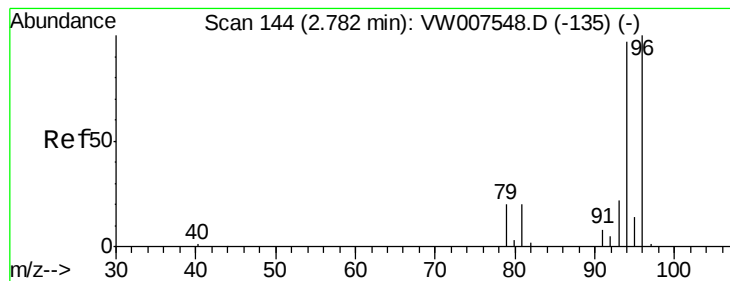
Tgt Ion: 62 Resp: 24381

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0





#5

Bromomethane

Concen: 47.853 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

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Tgt Ion: 94 Resp: 15765

Ion Ratio Lower Upper

94 100

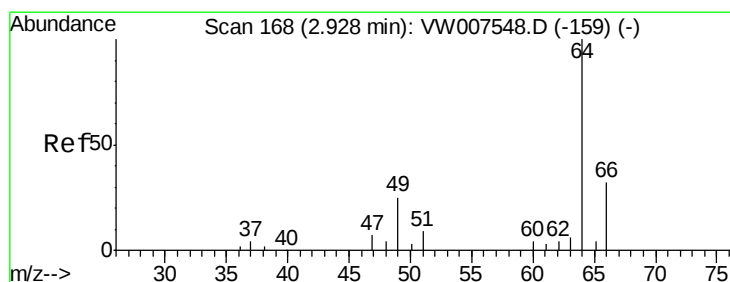
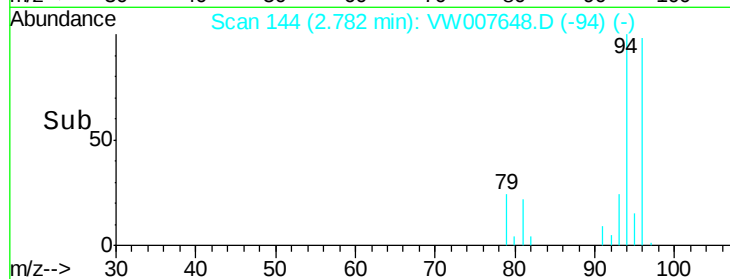
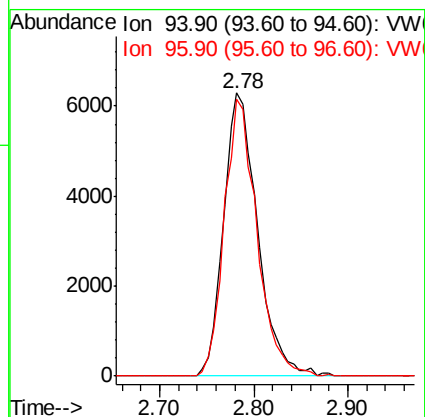
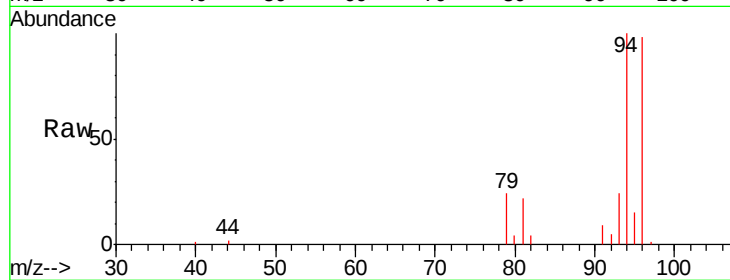
96 98.0 71.0 106.4

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#6

Chloroethane

Concen: 47.675 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007648.D

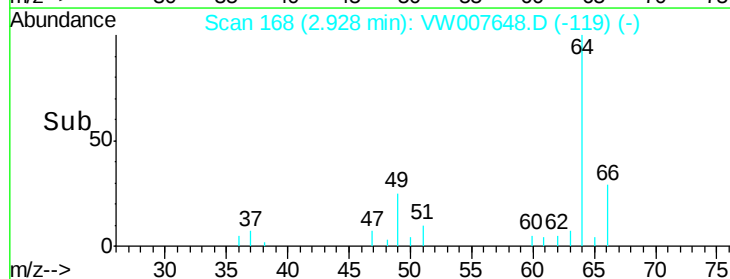
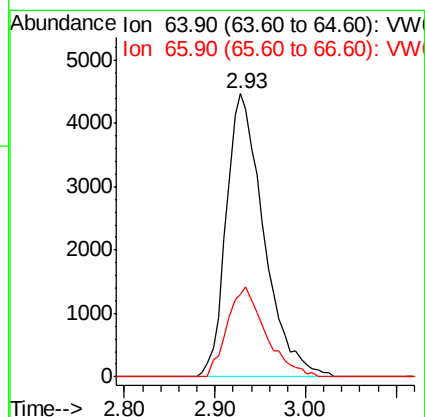
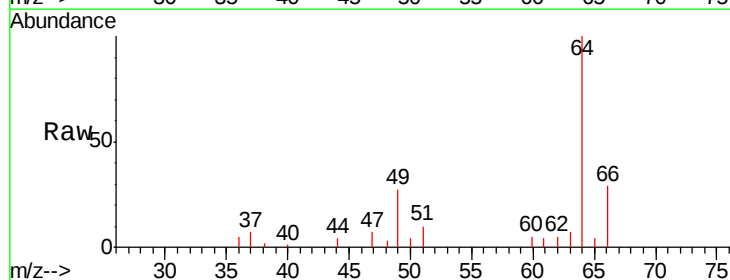
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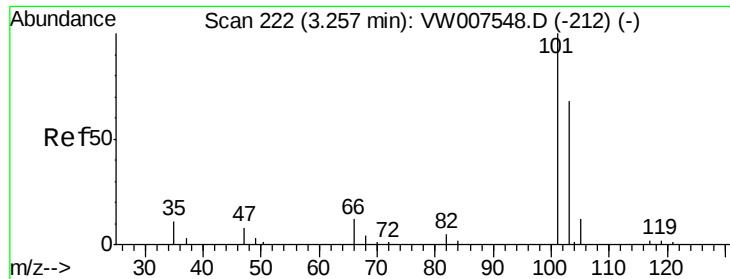
Tgt Ion: 64 Resp: 12868

Ion Ratio Lower Upper

64 100

66 29.1 24.6 37.0





#7

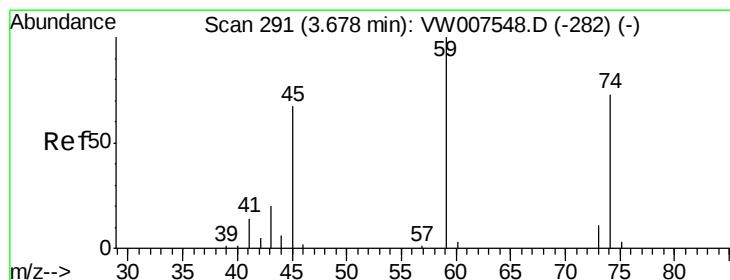
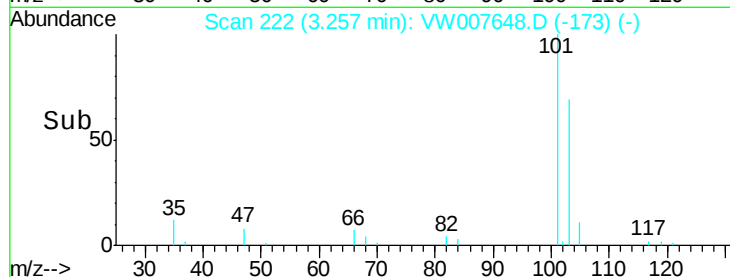
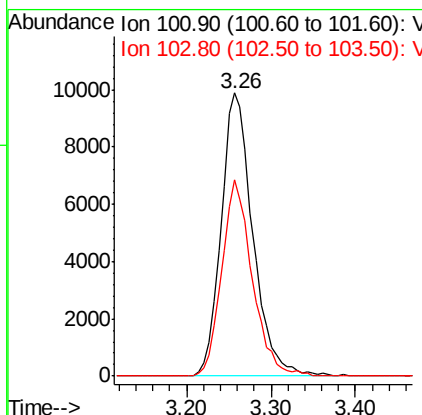
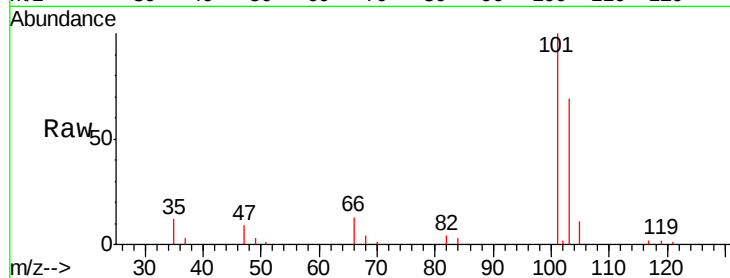
Trichlorofluoromethane
 Concen: 57.694 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007648.D
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Tgt Ion: 101 Resp: 25433
 Ion Ratio Lower Upper
 101 100
 103 69.3 51.7 77.5

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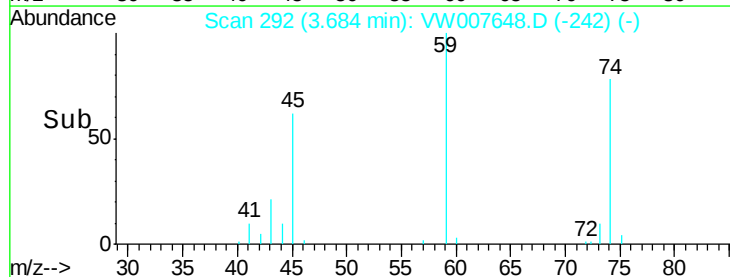
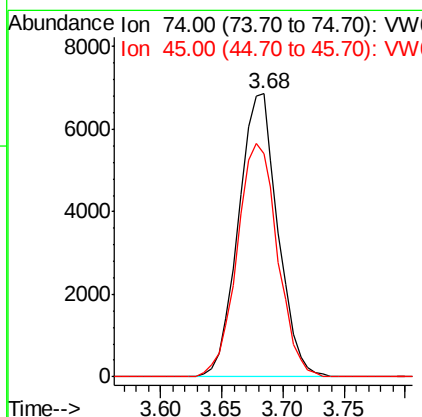
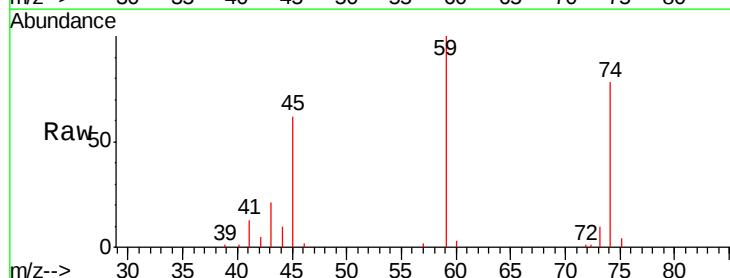
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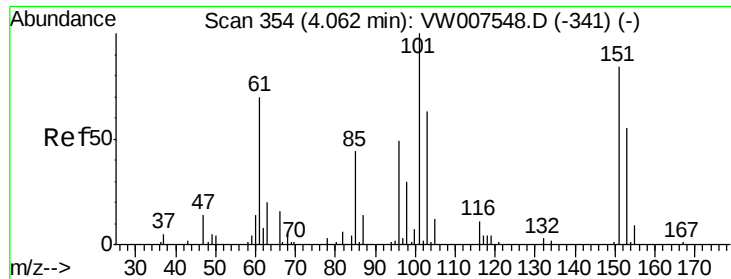


#8

Diethyl Ether
 Concen: 44.443 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW007648.D
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Tgt Ion: 74 Resp: 15334
 Ion Ratio Lower Upper
 74 100
 45 84.5 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.249 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007648.D

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Instrument :

MSVOA_W

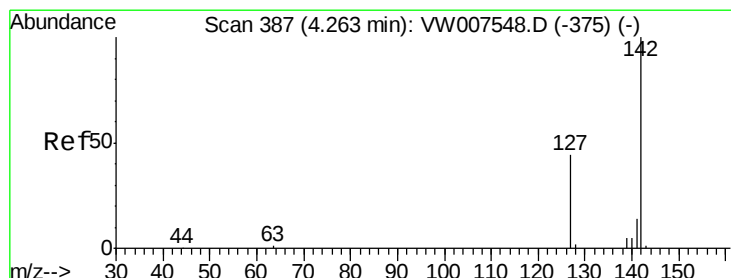
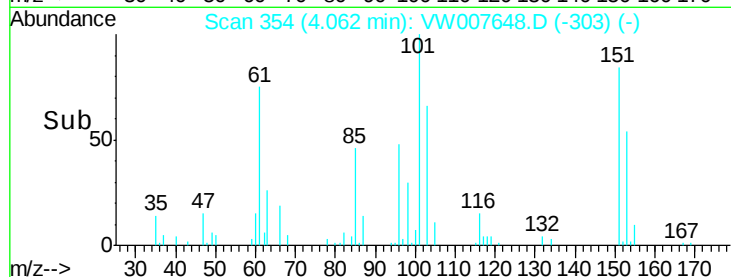
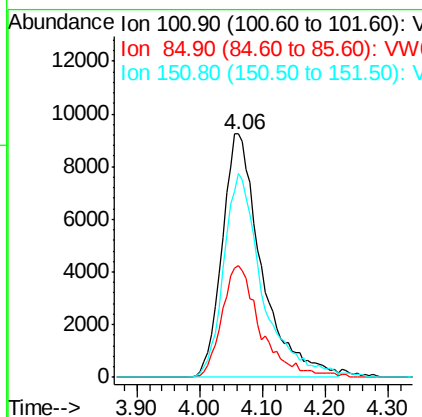
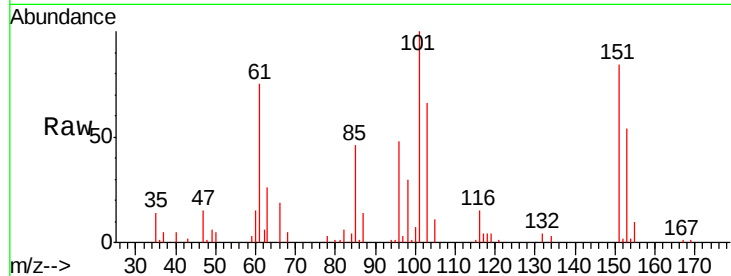
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	40187
Ion Ratio	Lower	Upper	
101	100		
85	44.2	33.9	50.9
151	82.6	63.7	95.5

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#10

Methyl Iodide

Concen: 51.038 ug/l

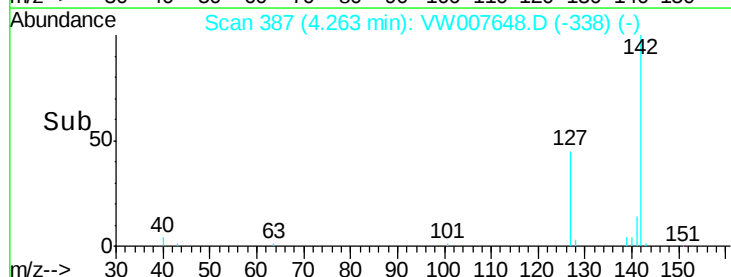
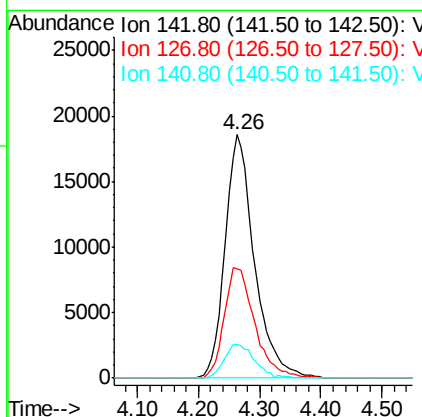
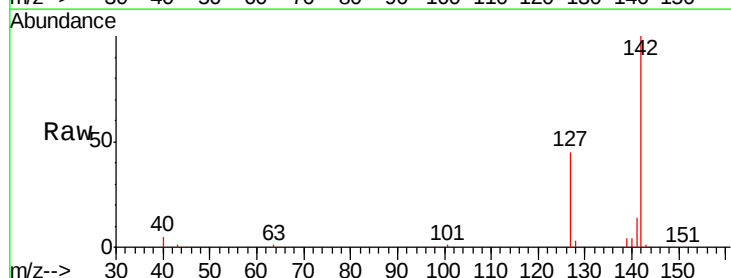
RT: 4.26 min Scan# 387

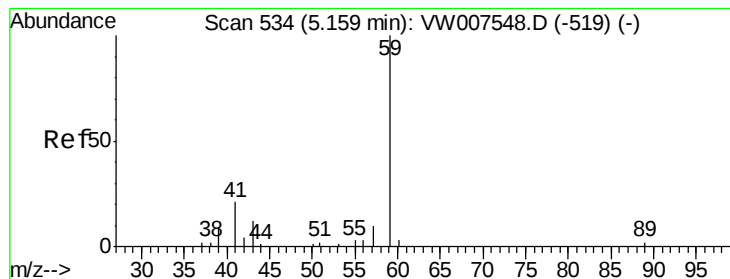
Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Tgt Ion:	142	Resp:	61486
Ion Ratio	Lower	Upper	
142	100		
127	47.1	35.8	53.6
141	14.2	11.1	16.7





#11

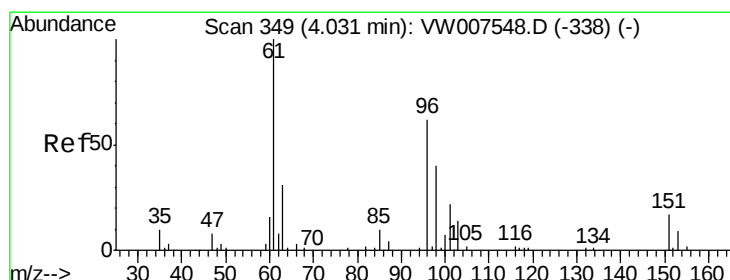
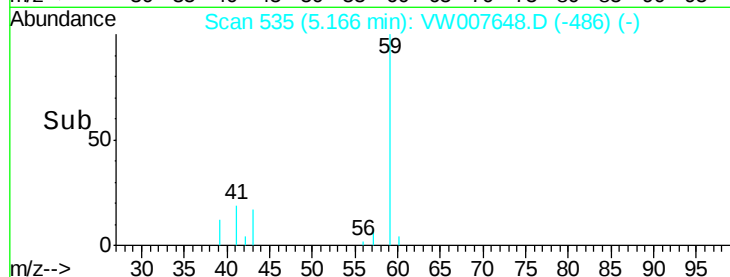
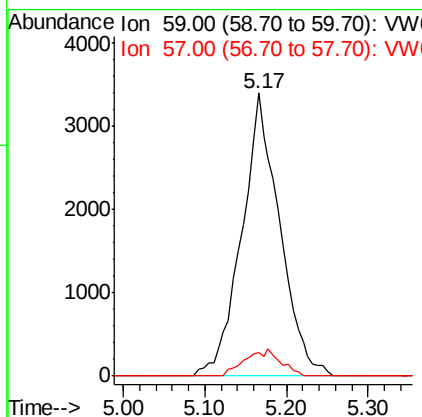
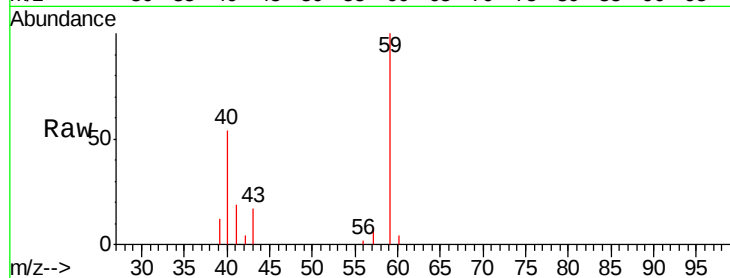
Tert butyl alcohol
 Concen: 201.650 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	5.0	7.6	11.4#

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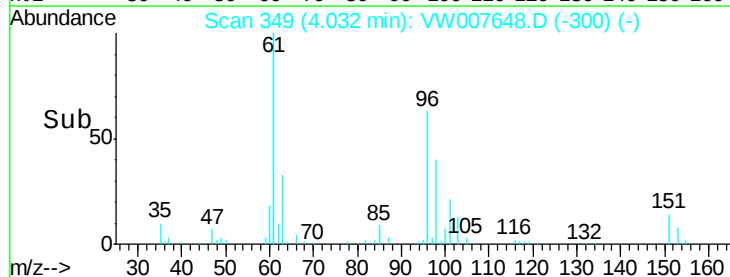
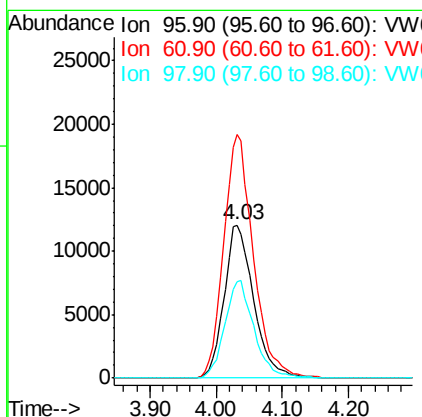
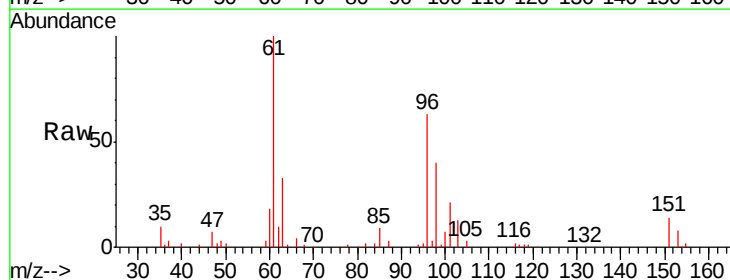
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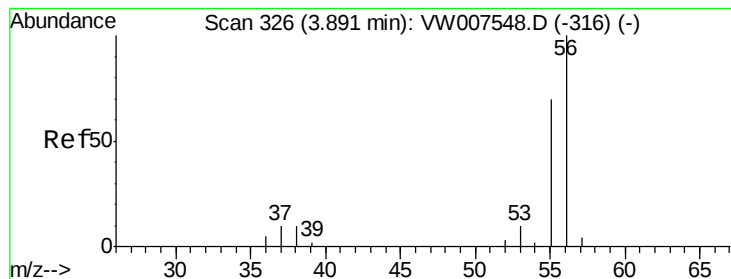


#12

1,1-Dichloroethene
 Concen: 53.277 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.4	126.2	189.2
98	63.0	48.3	72.5





#13

Acrolein

Concen: 227.791 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 8199

Ion Ratio Lower Upper

56 100

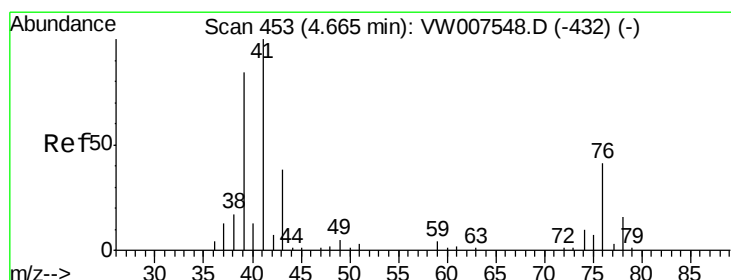
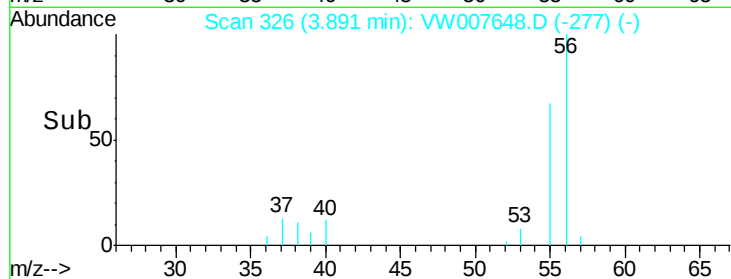
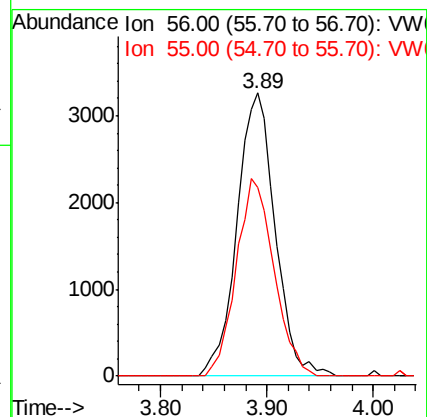
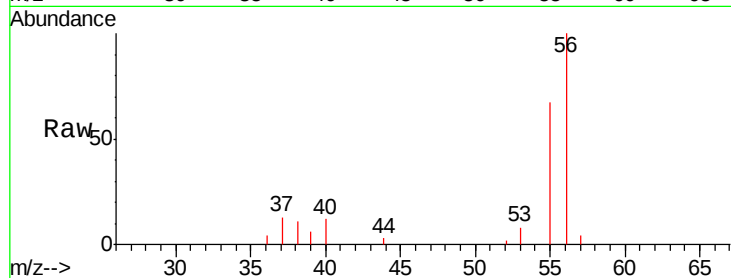
55 69.1 57.4 86.2

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#14

Allyl chloride

Concen: 48.210 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

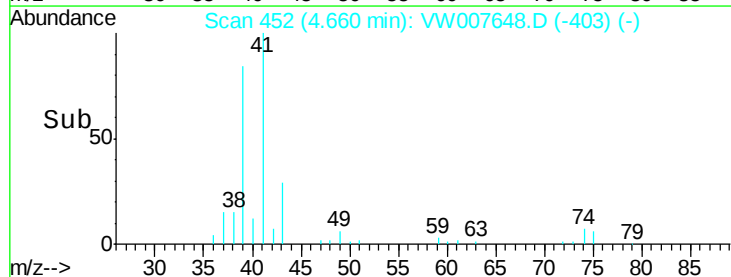
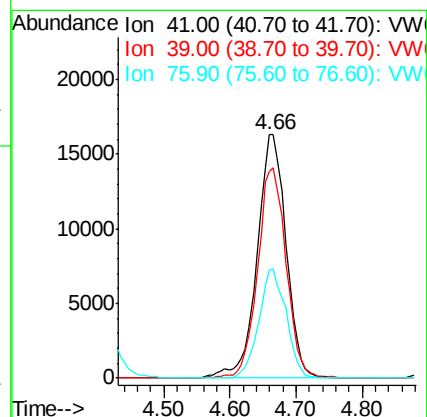
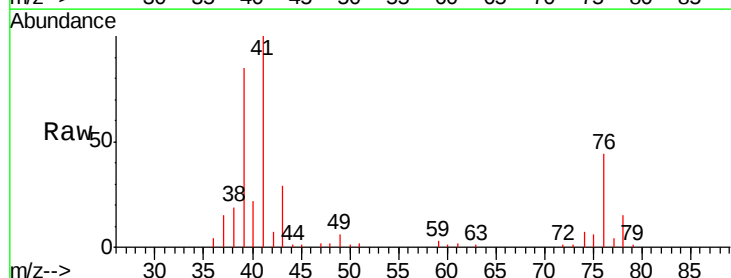
Tgt Ion: 41 Resp: 49768

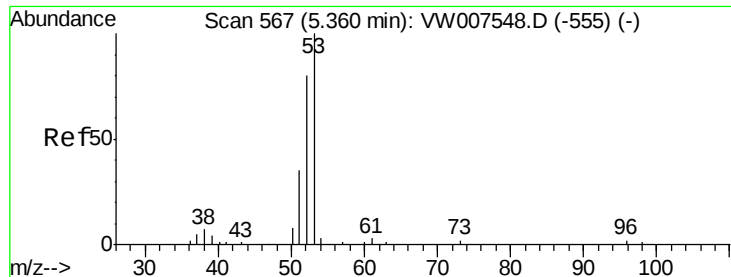
Ion Ratio Lower Upper

41 100

39 84.9 63.4 95.2

76 42.1 32.1 48.1





#15

Acrylonitrile

Concen: 215.814 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

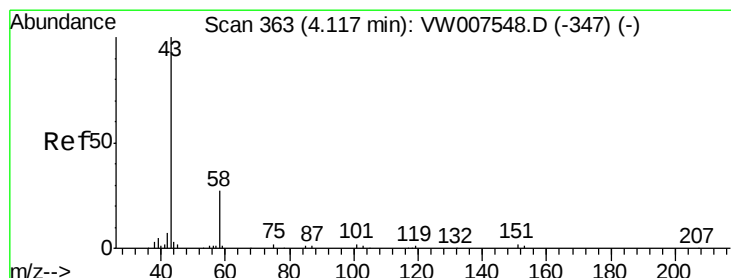
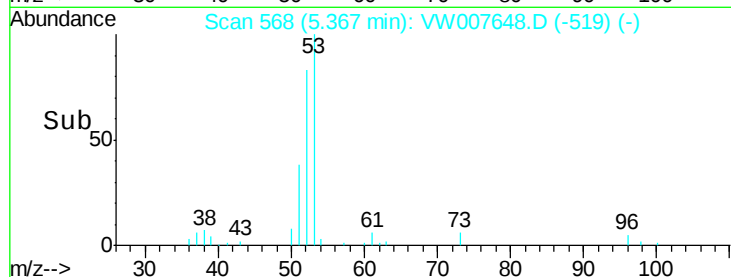
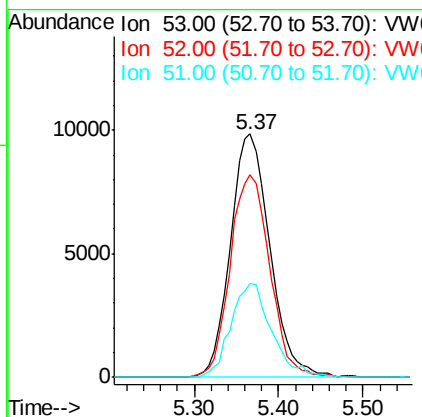
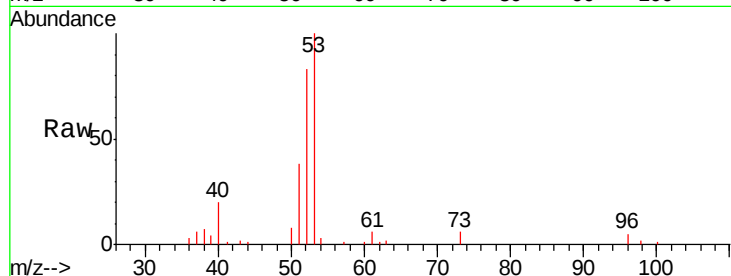
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	31390
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.4	101.2
51	39.8	30.2	45.2

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#16

Acetone

Concen: 286.623 ug/l

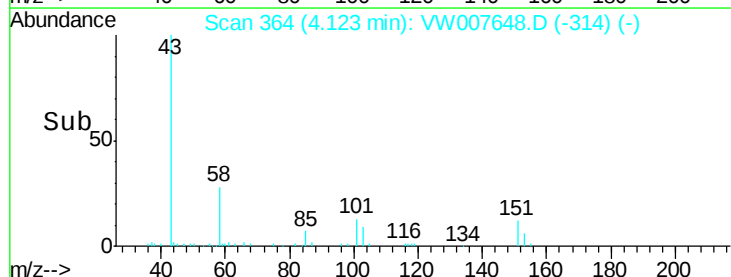
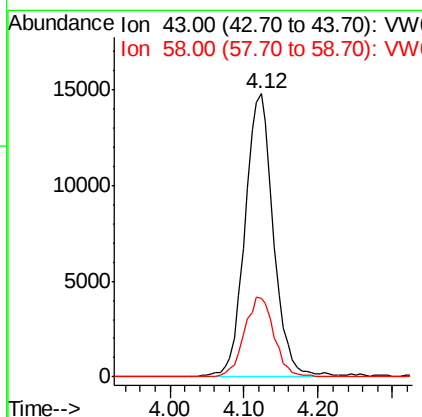
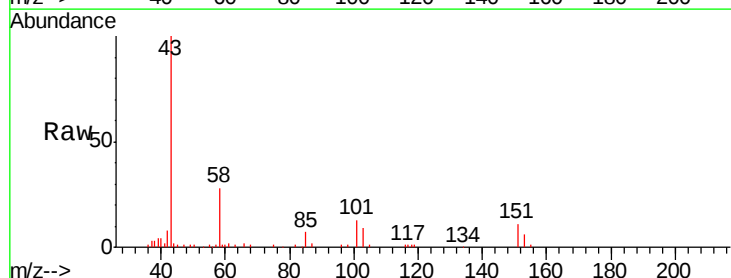
RT: 4.12 min Scan# 364

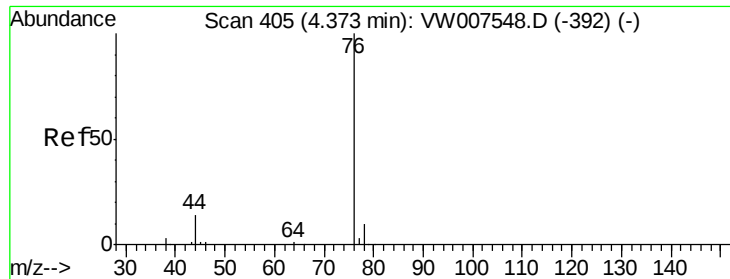
Delta R.T. 0.01 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Tgt Ion:	43	Resp:	39653
Ion	Ratio	Lower	Upper
43	100		
58	27.6	24.9	37.3





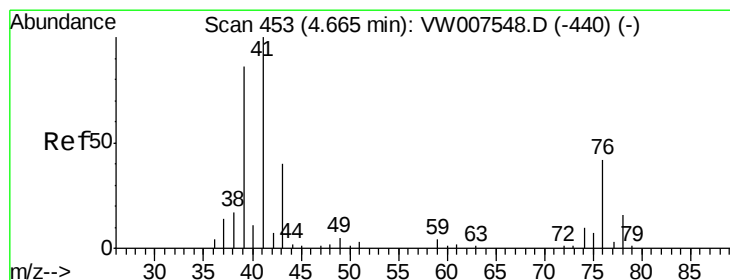
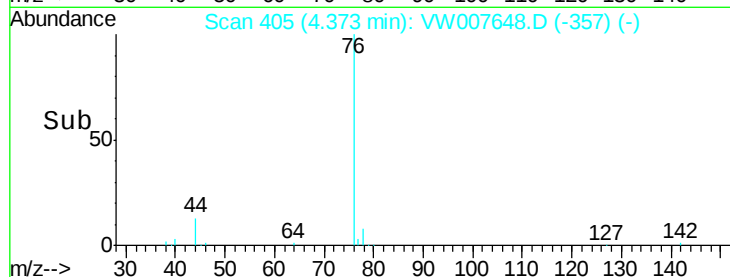
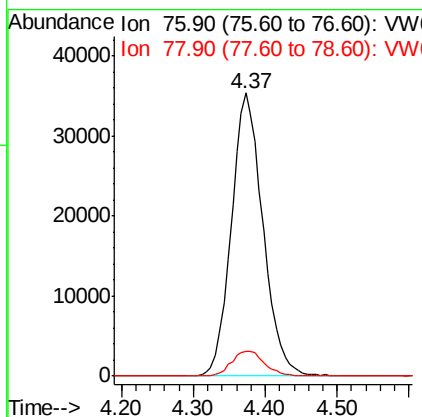
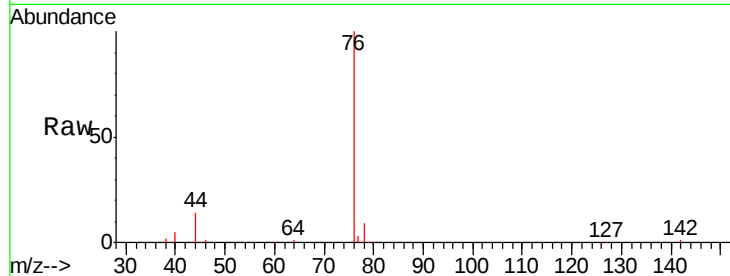
#17
Carbon Disulfide
Concen: 50.530 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 107299
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

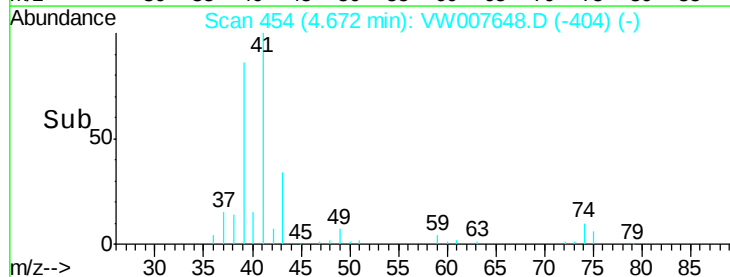
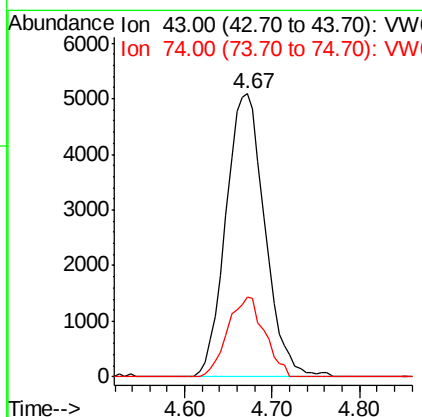
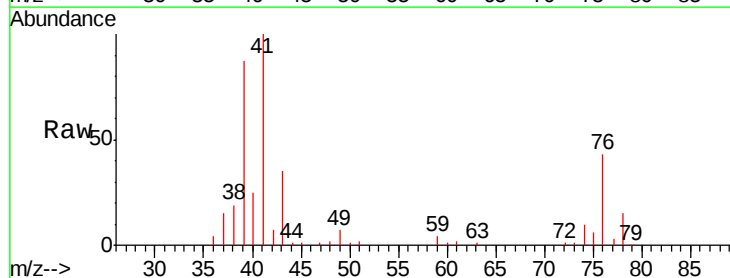
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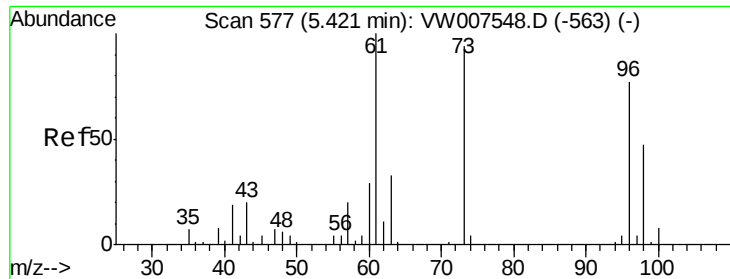
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#18
Methyl Acetate
Concen: 41.999 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion: 43 Resp: 15770
Ion Ratio Lower Upper
43 100
74 26.6 21.1 31.7





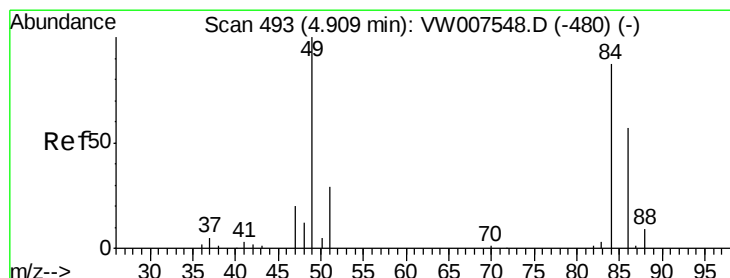
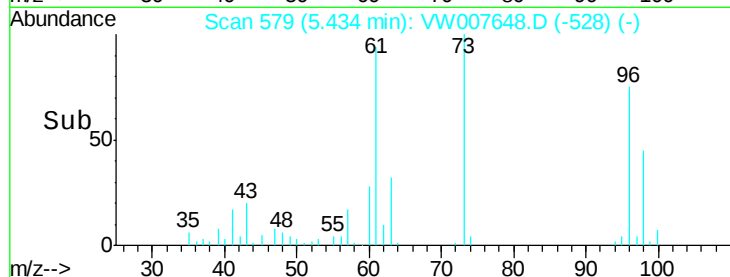
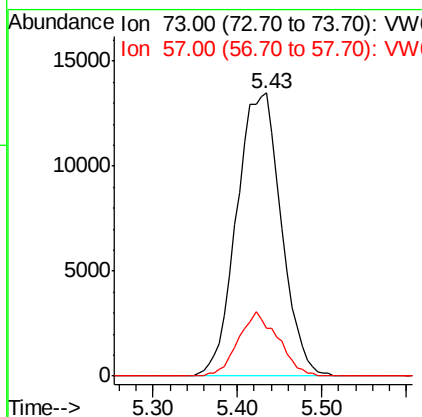
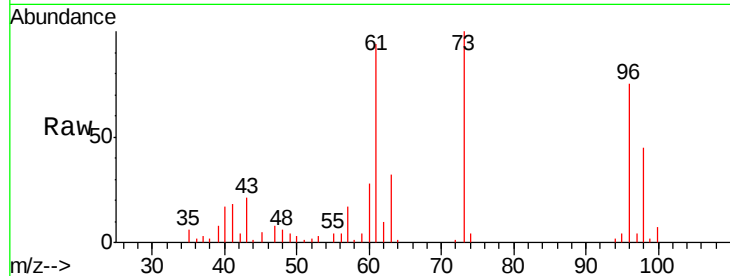
#19
Methyl tert-butyl Ether
Concen: 45.905 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 48499
Ion Ratio Lower Upper
73 100
57 17.1 16.4 24.6

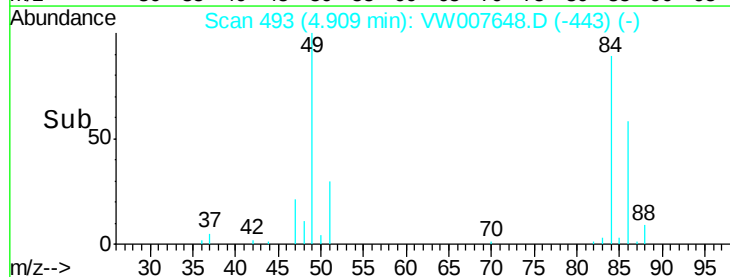
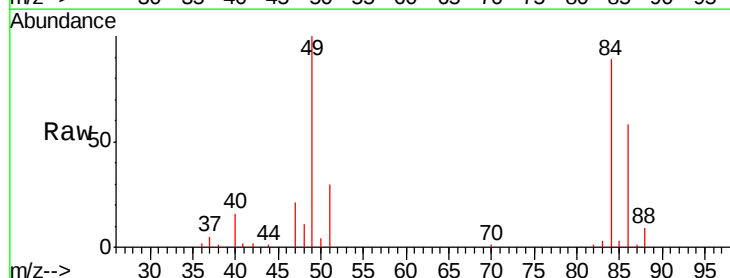
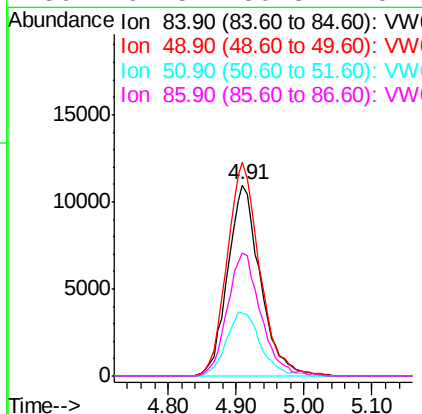
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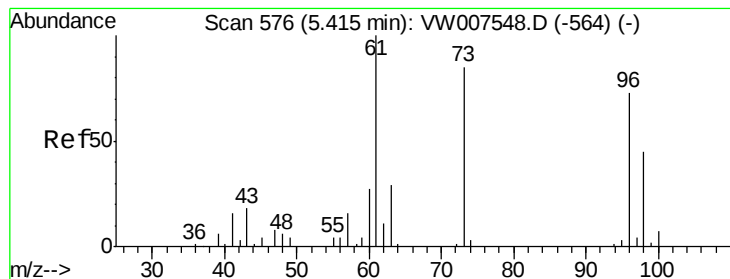
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#20
Methylene Chloride
Concen: 47.903 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion: 84 Resp: 36365
Ion Ratio Lower Upper
84 100
49 111.8 87.1 130.7
51 33.0 28.2 42.2
86 64.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 50.958 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

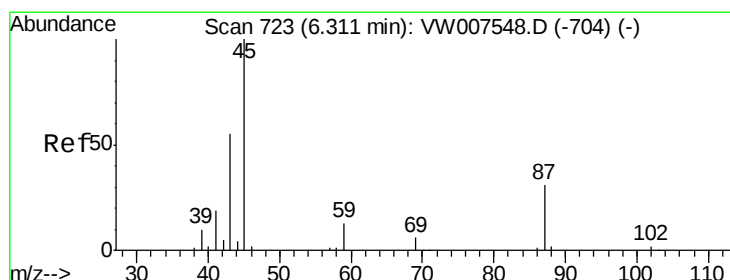
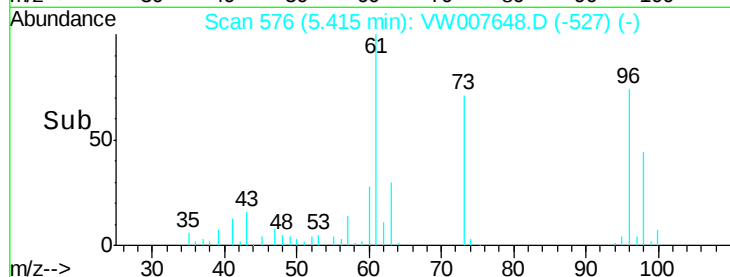
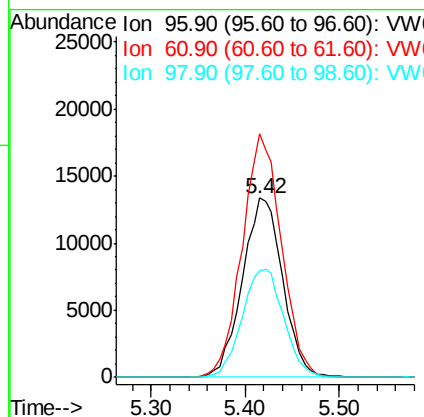
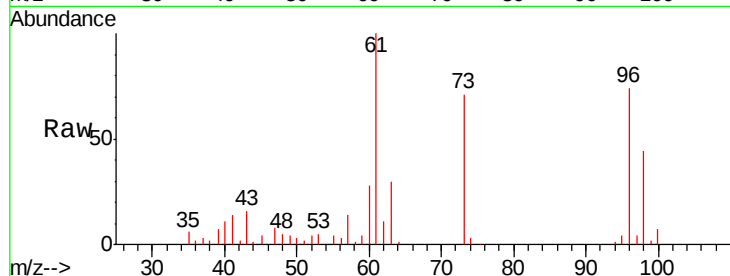
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	39922
Ion	Ratio	Lower	Upper
96	100		
61	135.7	105.0	157.6
98	59.4	49.7	74.5

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#22

Diisopropyl ether

Concen: 46.887 ug/l

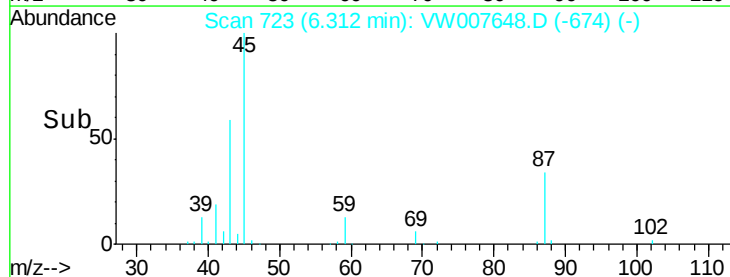
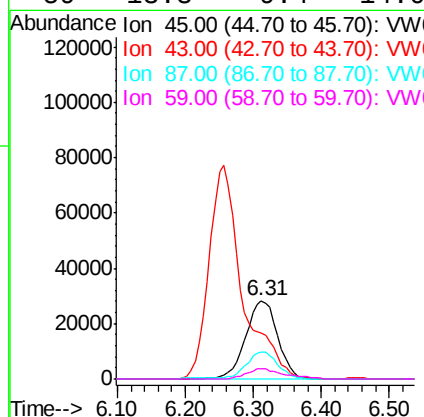
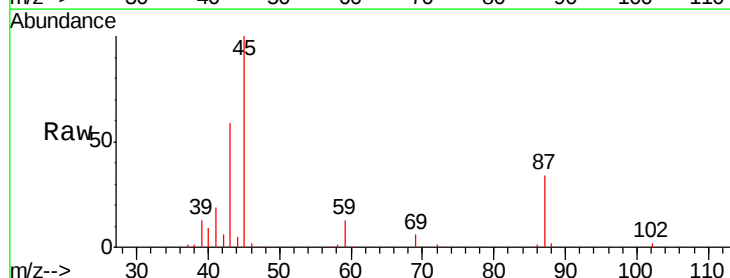
RT: 6.31 min Scan# 723

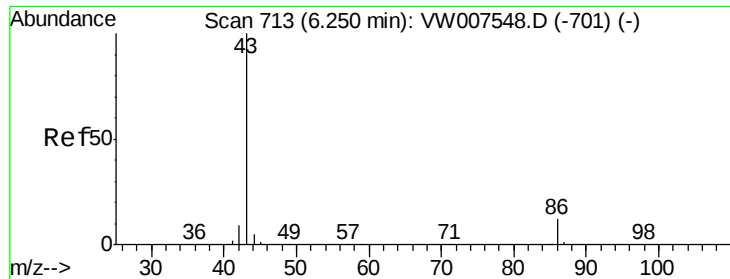
Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Tgt Ion:	45	Resp:	93035
Ion	Ratio	Lower	Upper
45	100		
43	58.2	41.6	62.4
87	34.2	24.3	36.5
59	13.3	9.4	14.0





#23

Vinyl Acetate

Concen: 236.845 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 262864

Ion Ratio Lower Upper

43 100

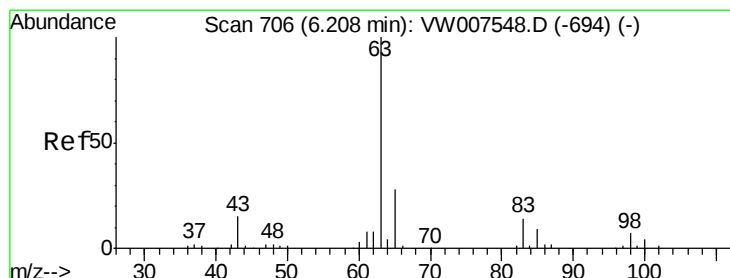
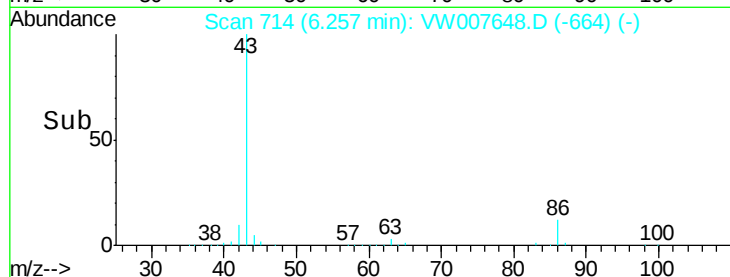
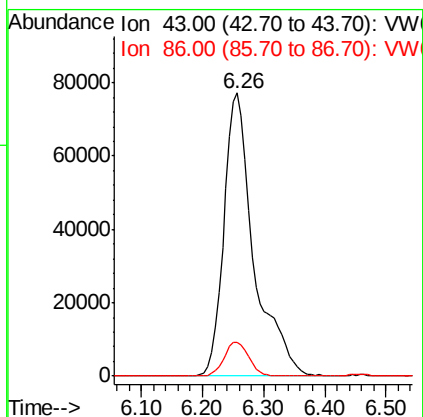
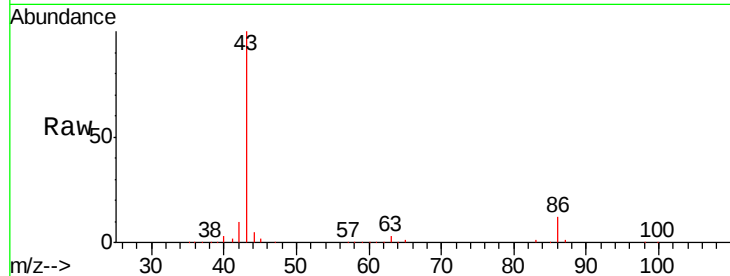
86 12.1 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 50.348 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

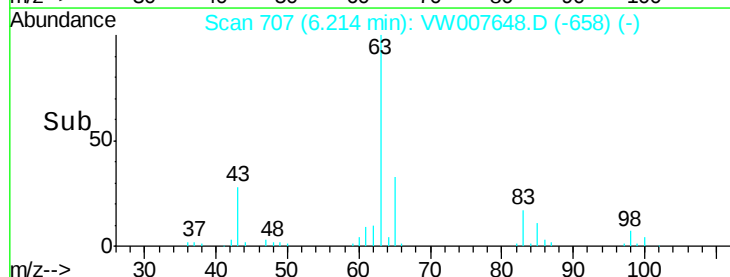
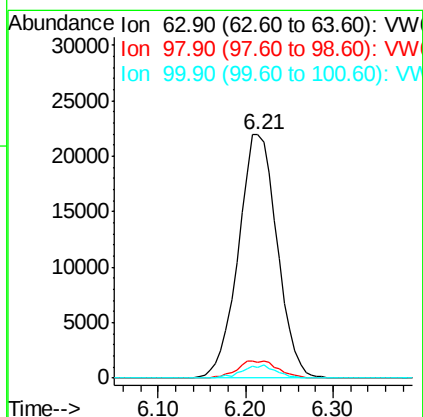
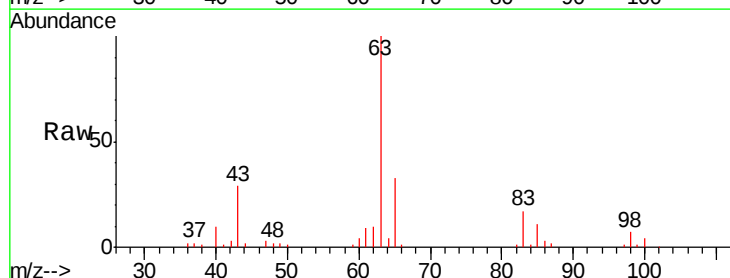
Tgt Ion: 63 Resp: 67520

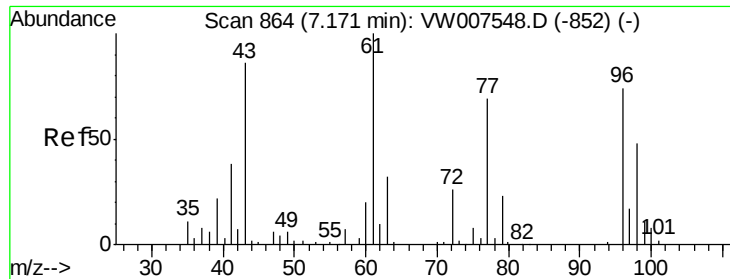
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.3 2.5 7.5





#25

2-Butanone

Concen: 235.701 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 42570

Ion Ratio Lower Upper

43 100

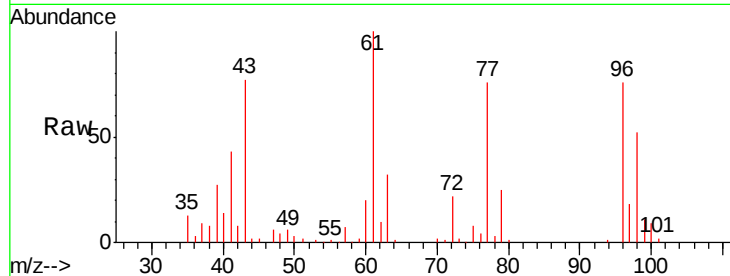
72 28.4 23.4 35.2

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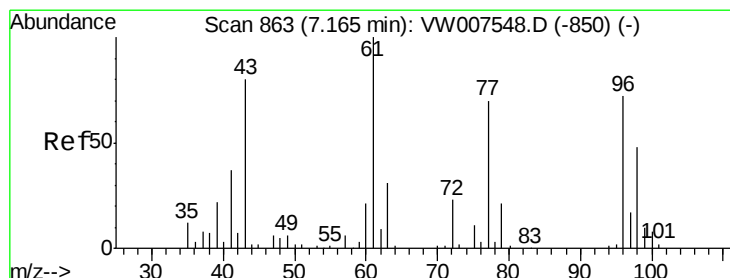
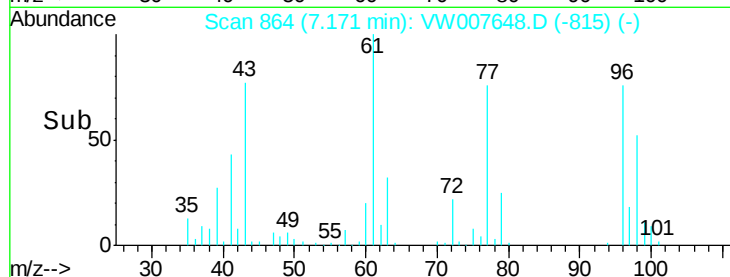
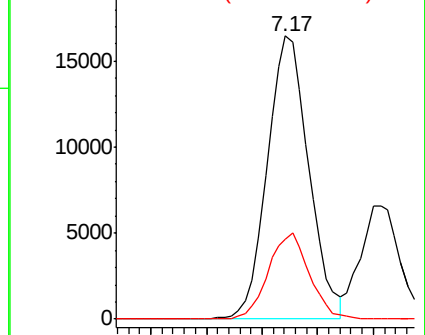
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 57.054 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007648.D

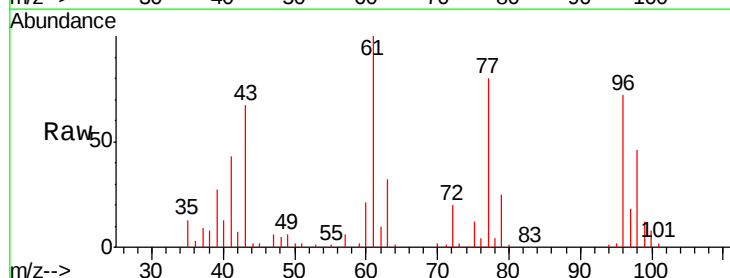
Acq: 18 Dec 2018 10:24

Tgt Ion: 77 Resp: 50638

Ion Ratio Lower Upper

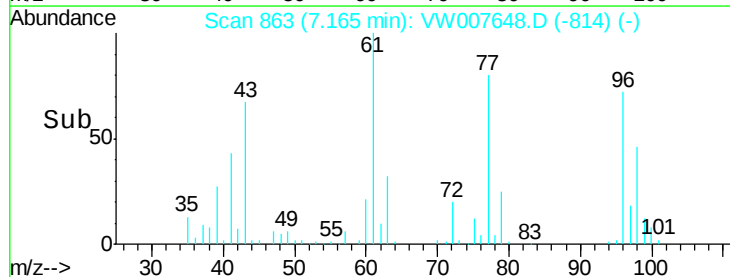
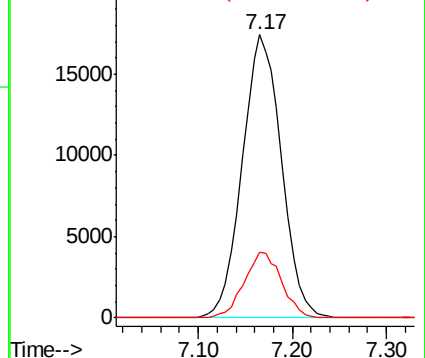
77 100

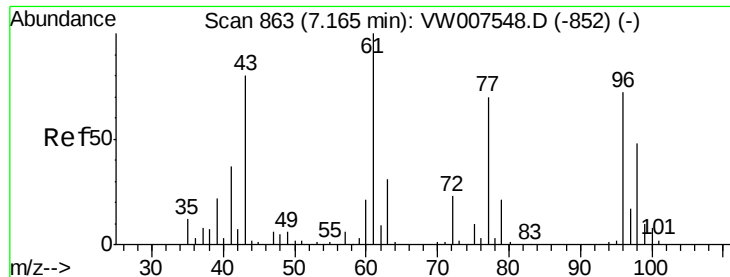
97 22.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

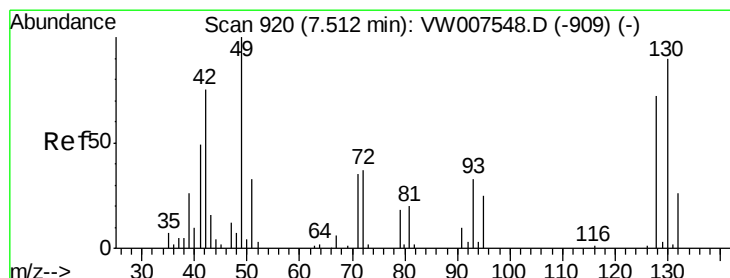
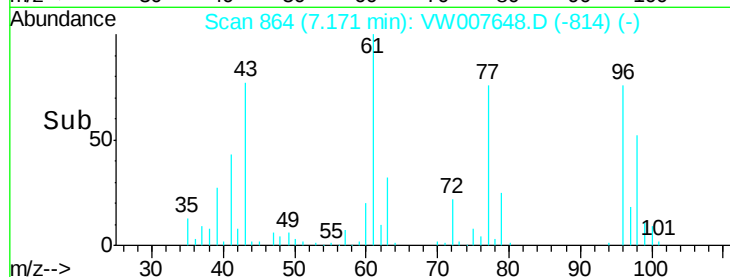
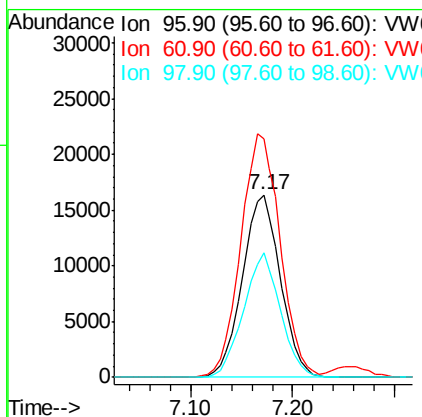
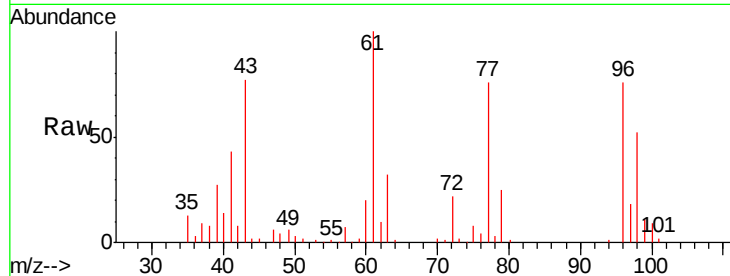
cis-1,2-Dichloroethene
Concen: 49.391 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	268.4
98	65.9	0.0	127.8

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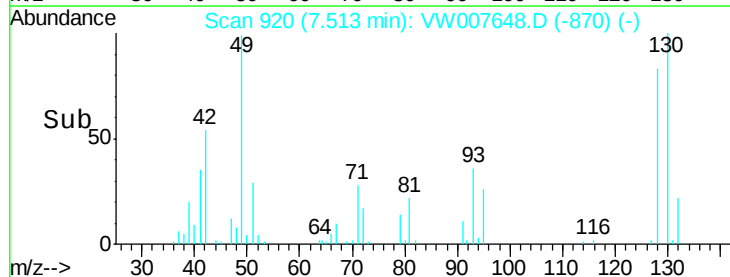
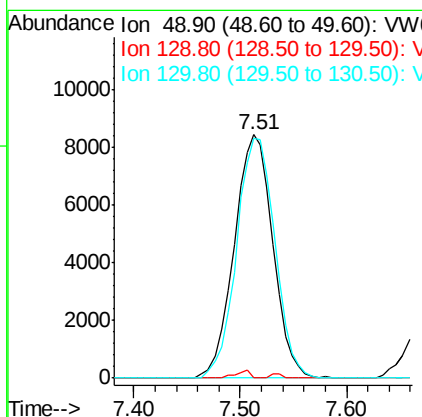
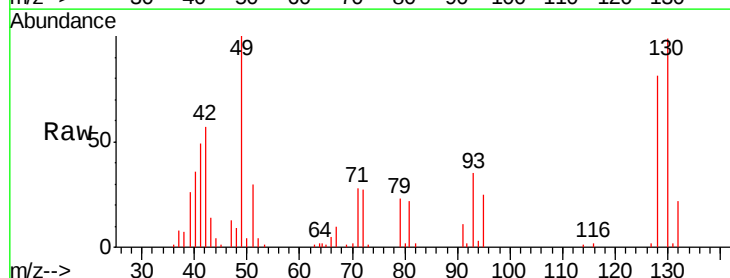
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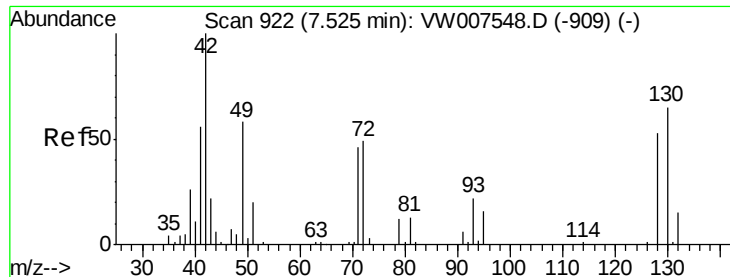


#28

Bromochloromethane
Concen: 42.499 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.6
130	97.9	75.9	113.9





#29

Tetrahydrofuran

Concen: 205.128 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

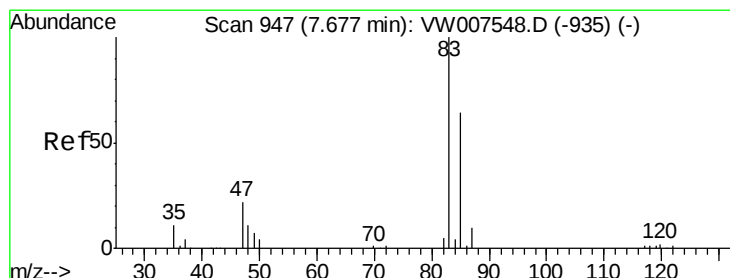
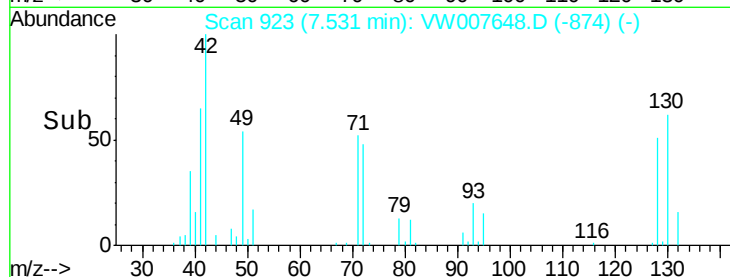
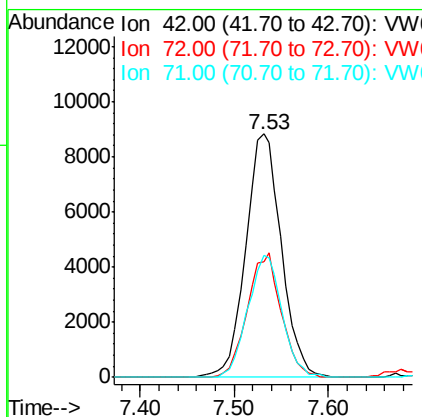
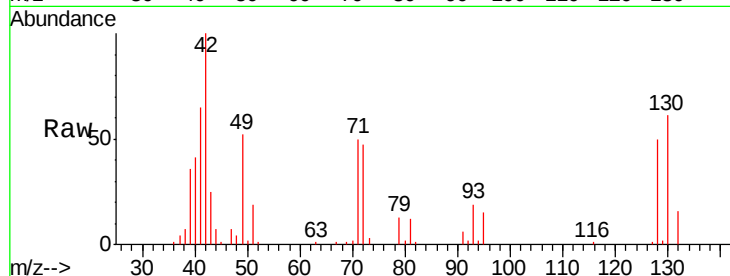
ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	23454
Ion Ratio	Lower	Upper	
42	100		
72	48.5	38.2	57.4
71	48.0	35.5	53.3

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#30

Chloroform

Concen: 50.915 ug/l

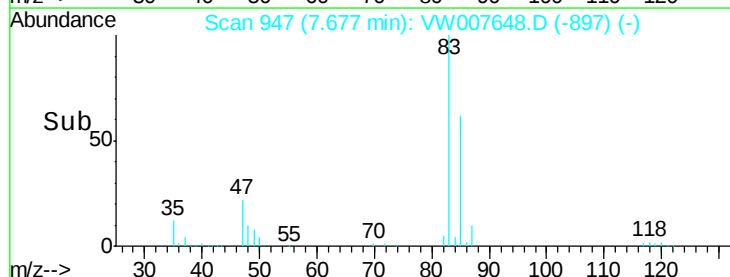
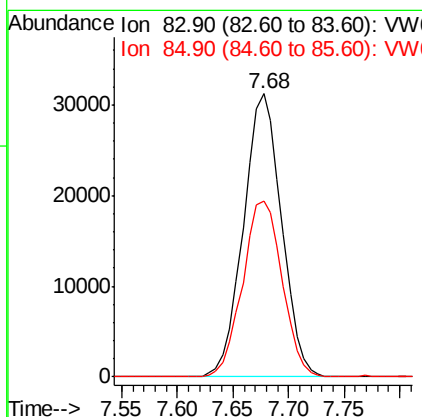
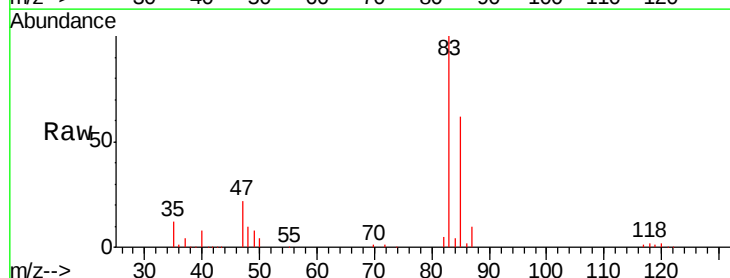
RT: 7.68 min Scan# 947

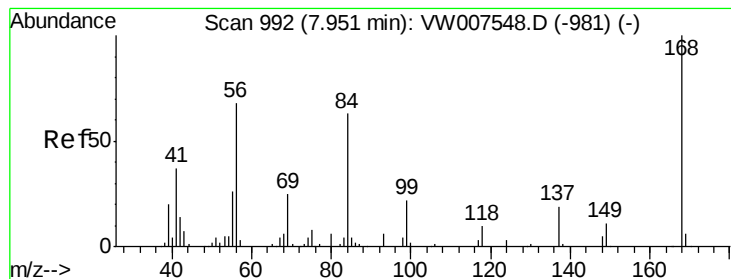
Delta R.T. 0.01 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Tgt Ion:	83	Resp:	74305
Ion Ratio	Lower	Upper	
83	100		
85	62.2	51.8	77.8





#31

Cyclohexane

Concen: 47.587 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

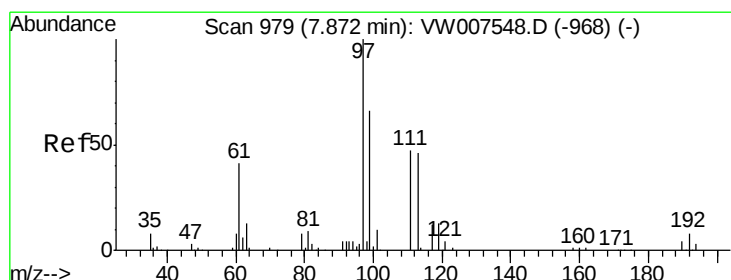
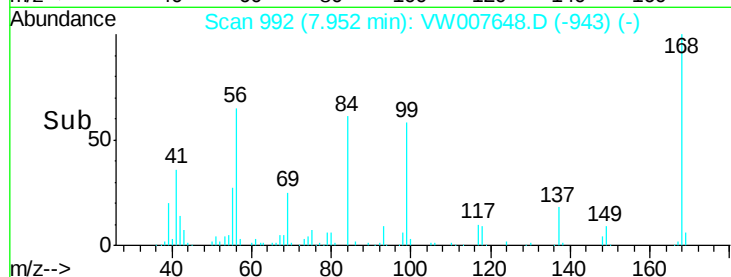
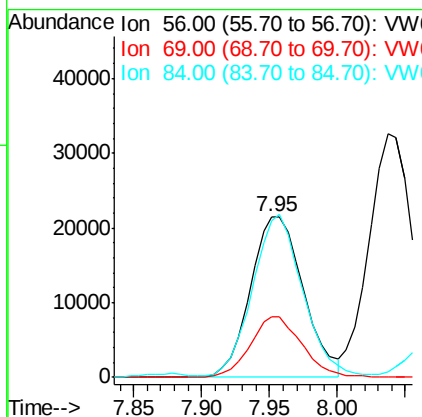
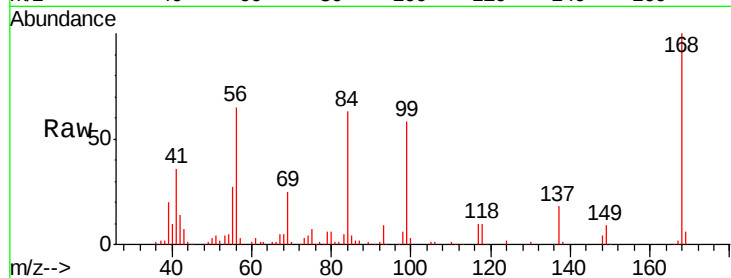
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	58552
Ion Ratio	Lower	Upper	
56	100		
69	38.1	28.9	43.3
84	95.6	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 54.165 ug/l

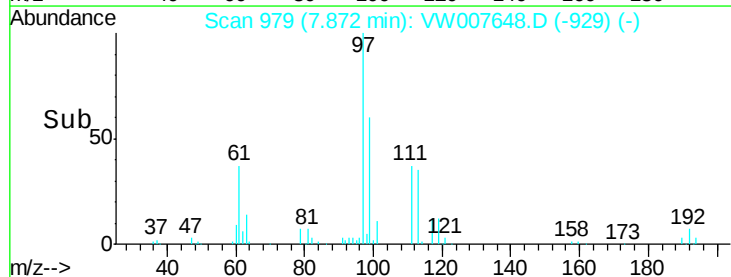
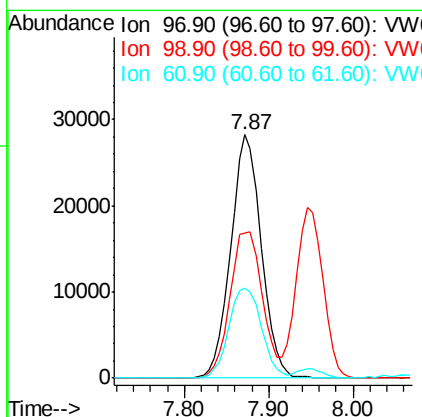
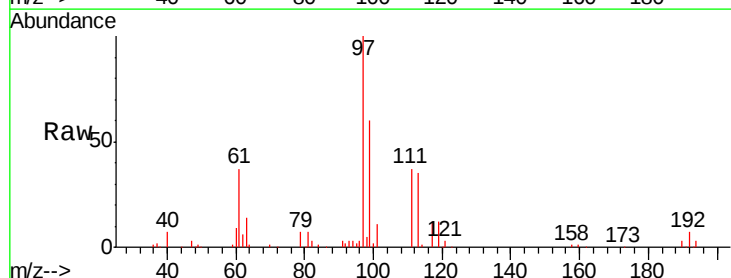
RT: 7.87 min Scan# 979

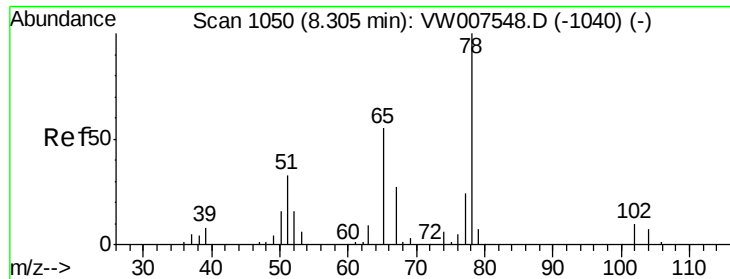
Delta R.T. 0.01 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Tgt Ion:	97	Resp:	69321
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.1	76.7
61	39.7	33.2	49.8





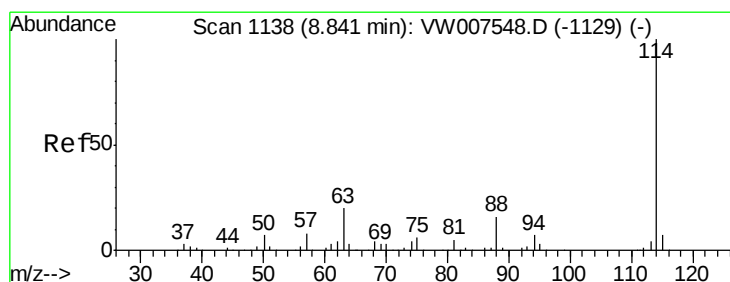
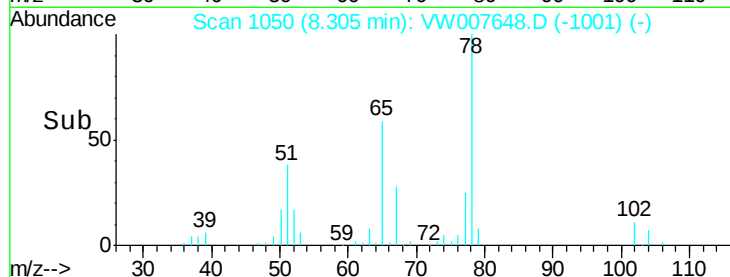
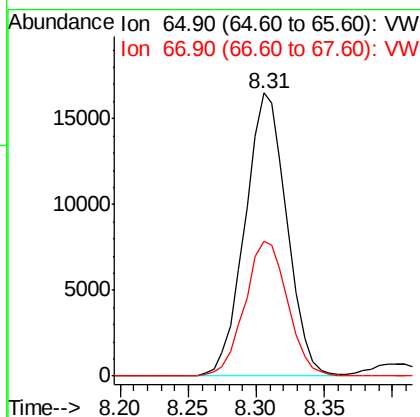
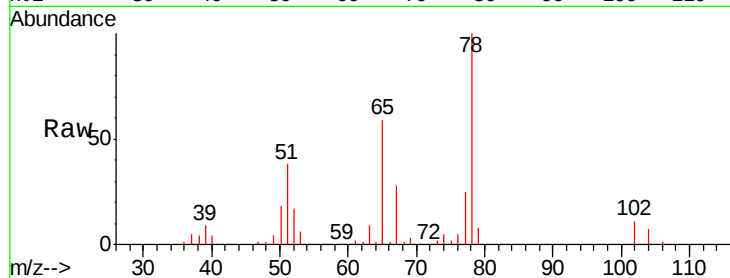
#33
 1,2-Dichloroethane-d4
 Concen: 44.814 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 35494
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 101.6

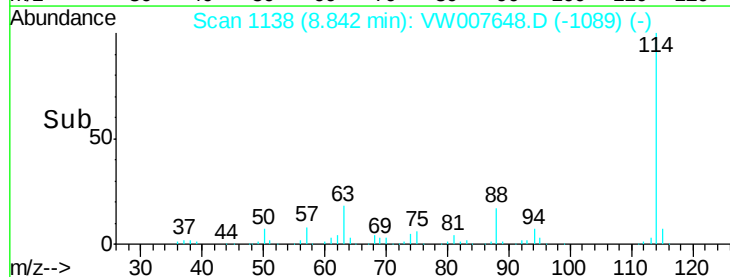
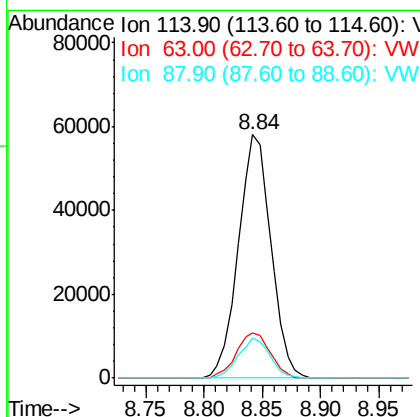
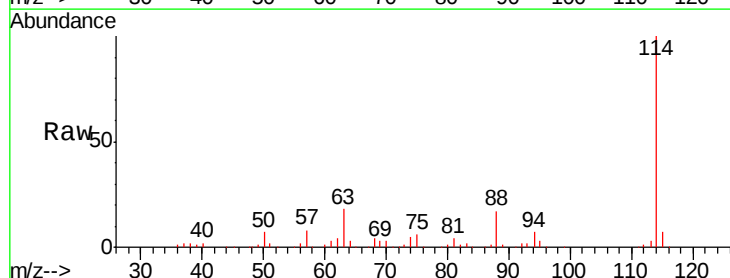
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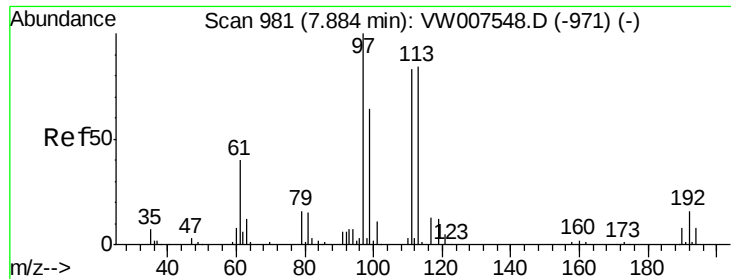
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Tgt Ion: 114 Resp: 113290
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.6
 88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.836 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

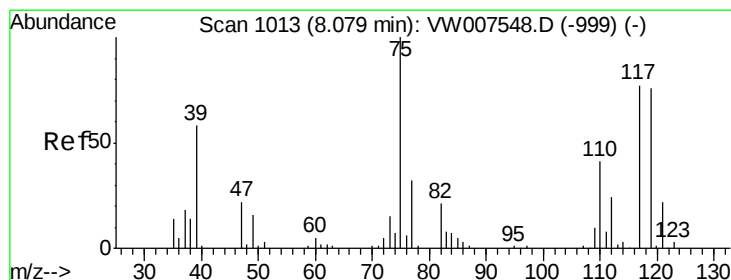
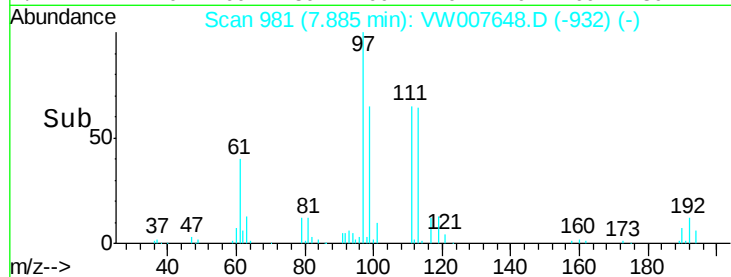
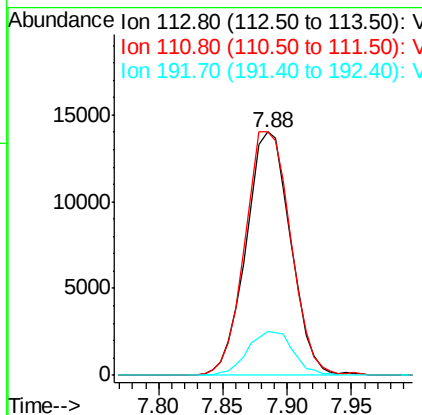
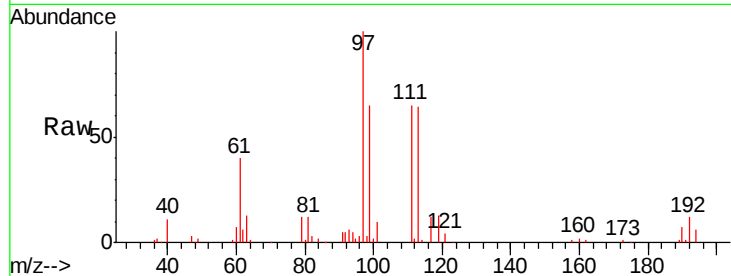
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	33491
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.1	121.7
192	18.4	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 55.199 ug/l

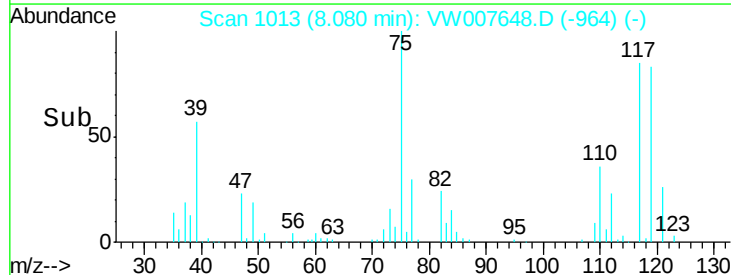
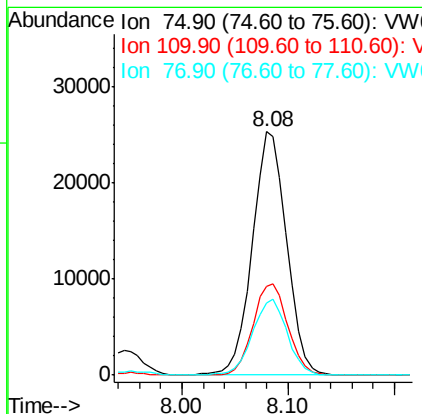
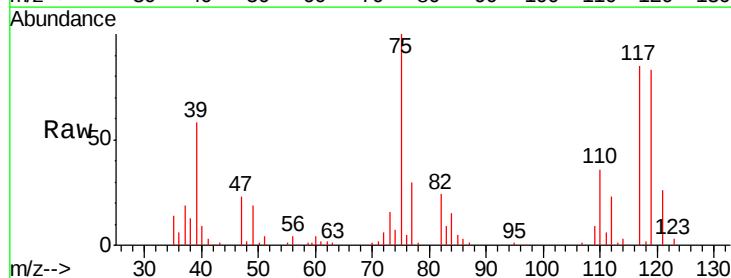
RT: 8.08 min Scan# 1013

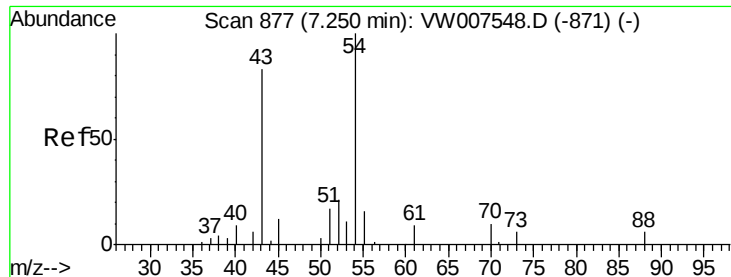
Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Tgt Ion:	75	Resp:	57047
Ion Ratio	Lower	Upper	
75	100		
110	37.8	18.5	55.5
77	31.4	25.6	38.4





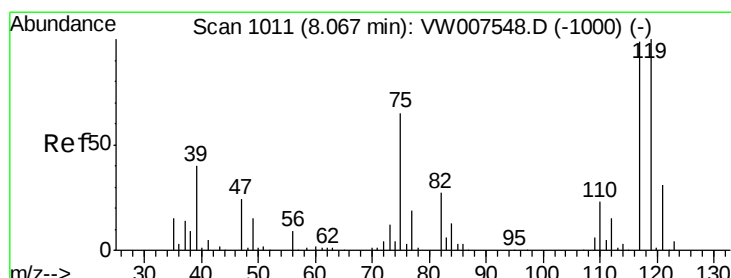
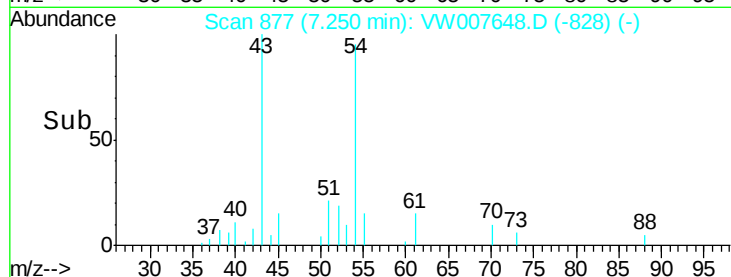
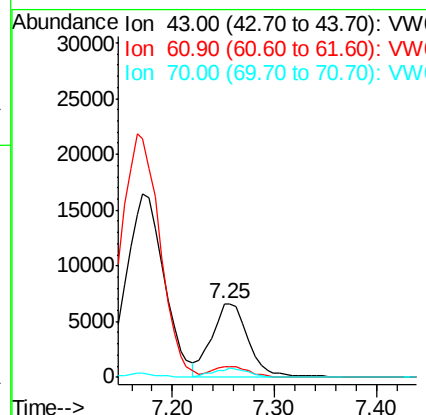
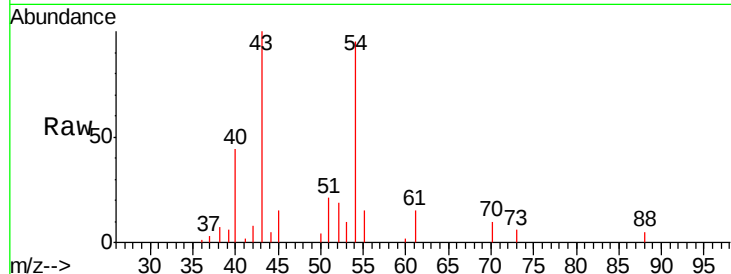
#37
Ethyl Acetate
Concen: 43.946 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 16892
Ion Ratio Lower Upper
43 100
61 14.6 12.1 18.1
70 12.2 10.0 15.0

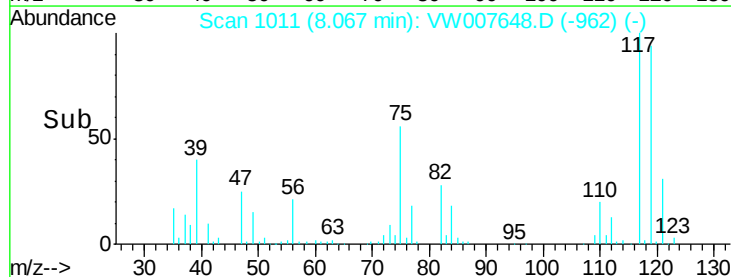
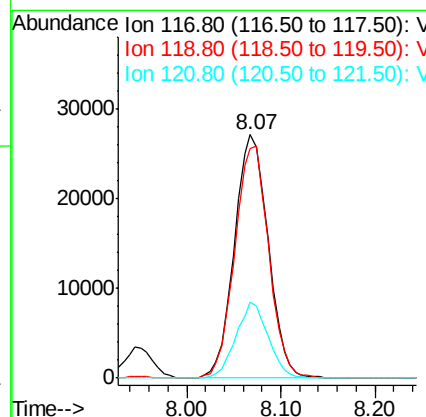
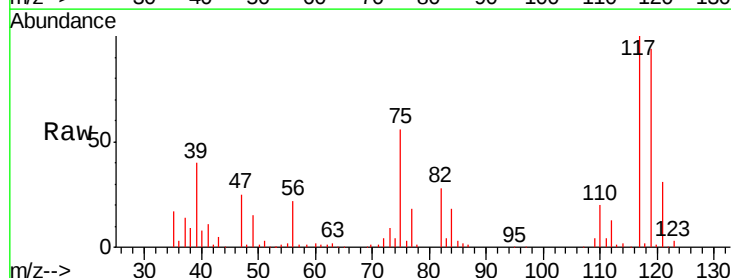
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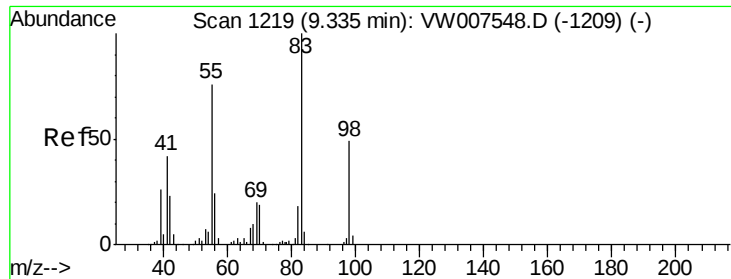
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#38
Carbon Tetrachloride
Concen: 60.191 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion: 117 Resp: 67685
Ion Ratio Lower Upper
117 100
119 94.4 74.3 111.5
121 31.5 24.3 36.5





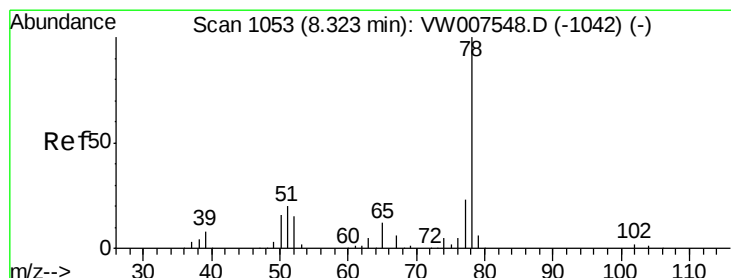
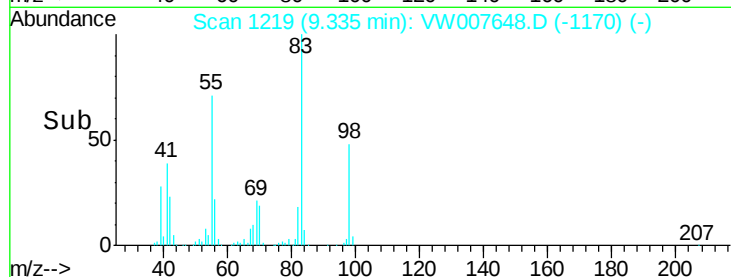
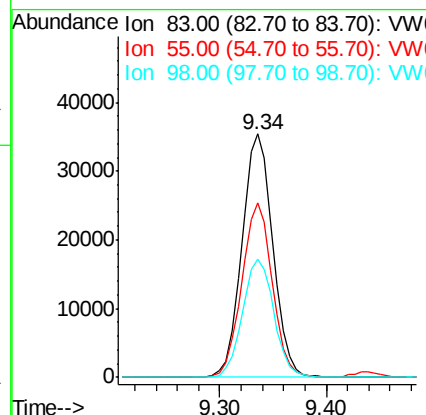
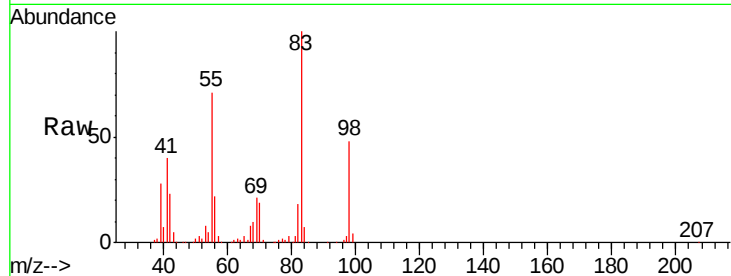
#39
Methylcyclohexane
Concen: 57.499 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.4	62.8	94.2
98	48.3	42.2	63.2

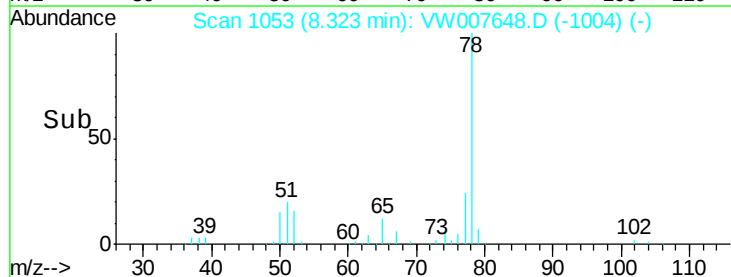
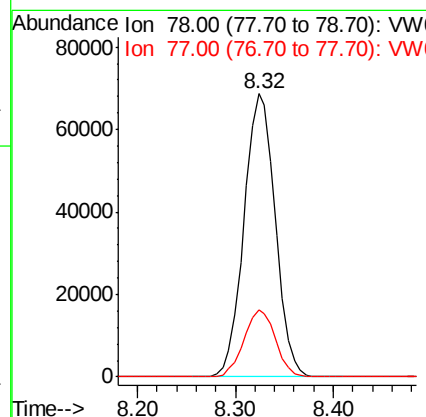
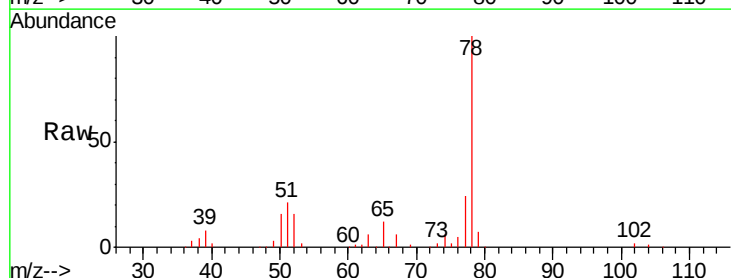
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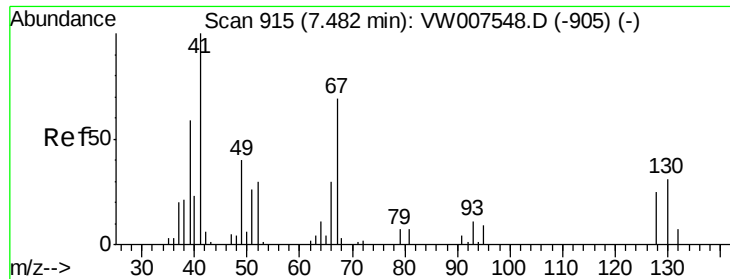
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#40
Benzene
Concen: 53.009 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





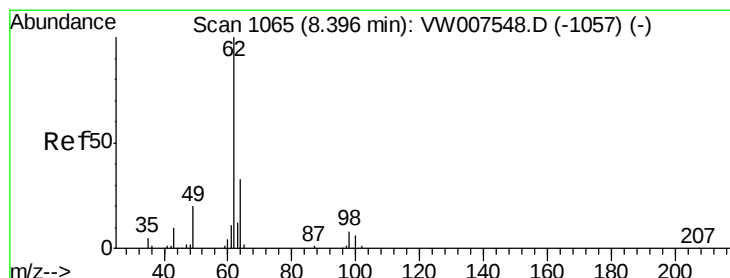
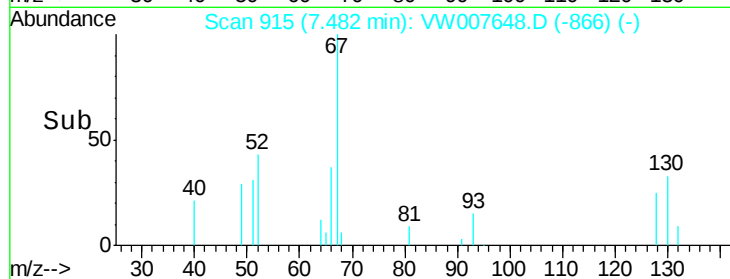
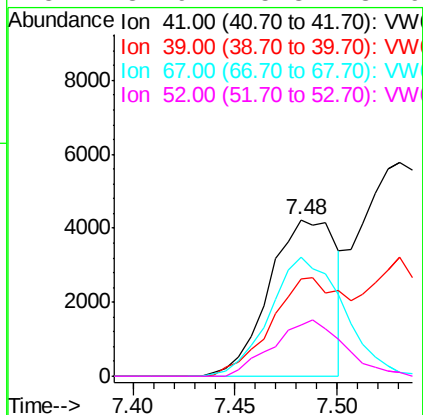
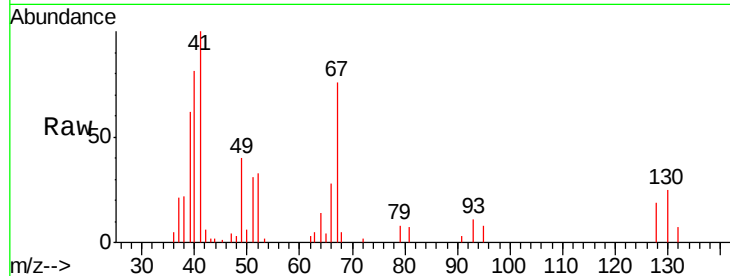
#41
Methacrylonitrile
Concen: 44.283 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	9693
Ion	Ratio	Lower	Upper
41	100		
39	68.8	52.2	78.2
67	83.5	60.5	90.7
52	37.9	25.3	37.9

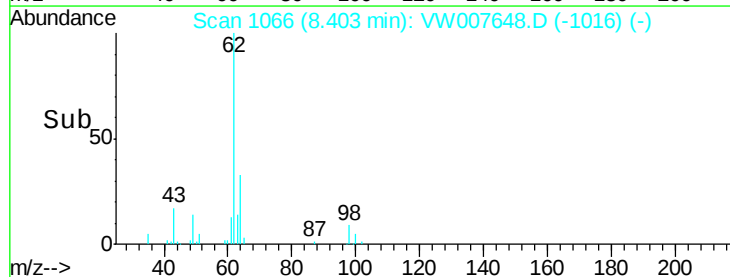
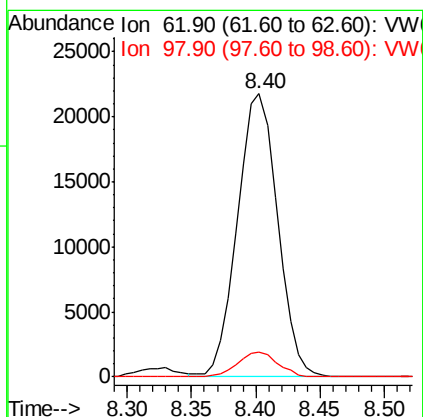
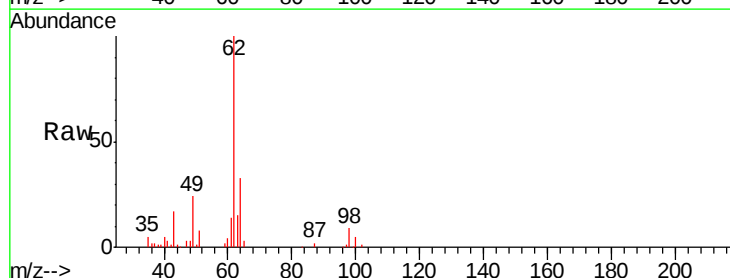
Manual Integrations
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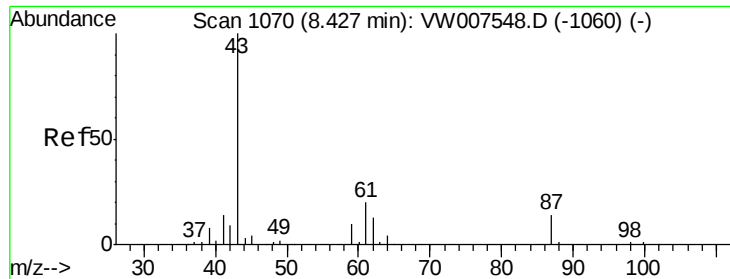
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#42
1,2-Dichloroethane
Concen: 52.384 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion:	62	Resp:	47195
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





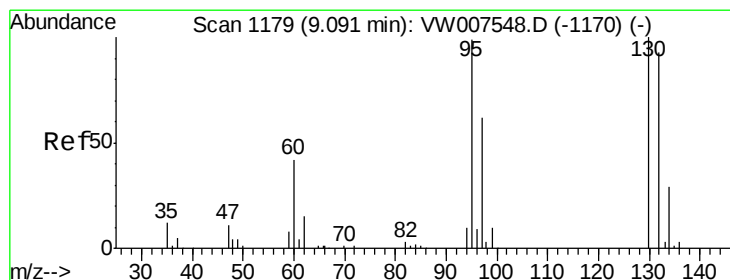
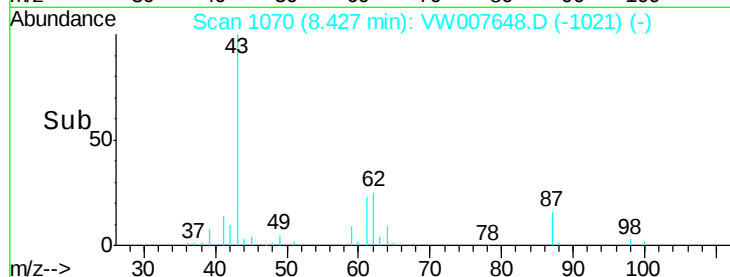
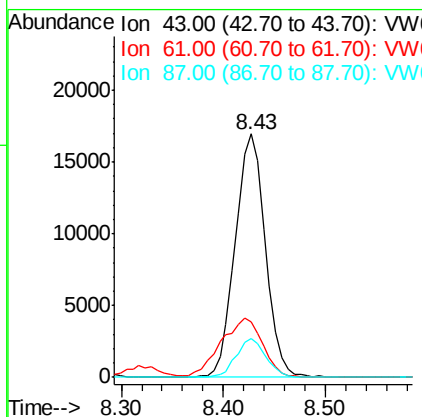
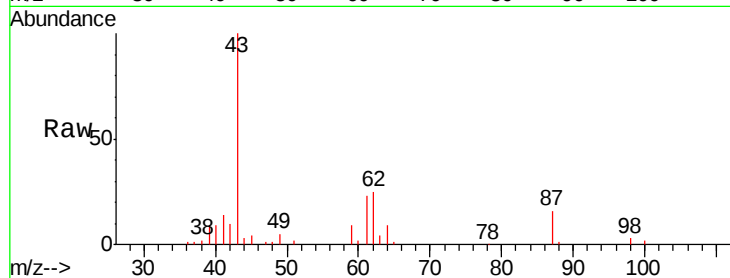
#43
Isopropyl Acetate
Concen: 45.612 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.7	25.3	37.9
87	15.6	11.8	17.8

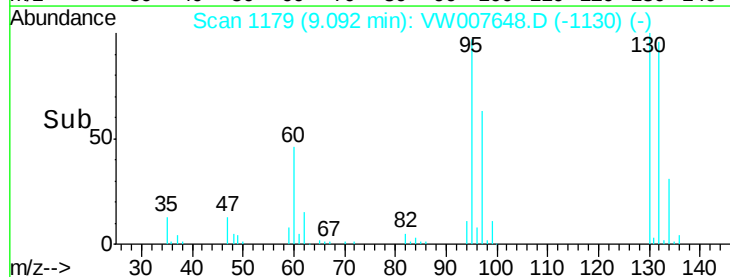
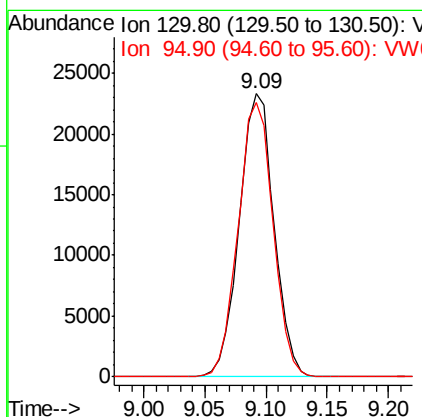
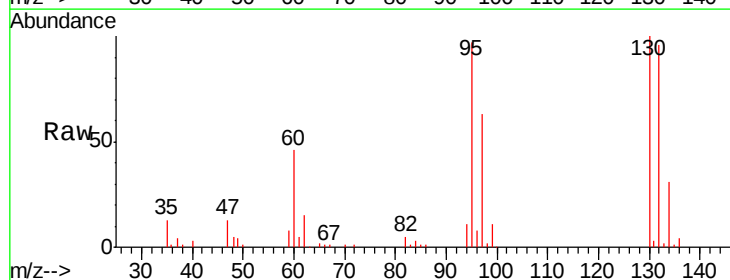
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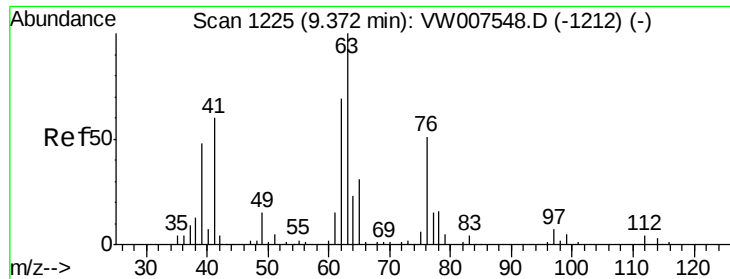
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#44
Trichloroethene
Concen: 56.120 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	193.2





#45

1,2-Dichloropropane

Concen: 52.976 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 35160

Ion Ratio Lower Upper

63 100

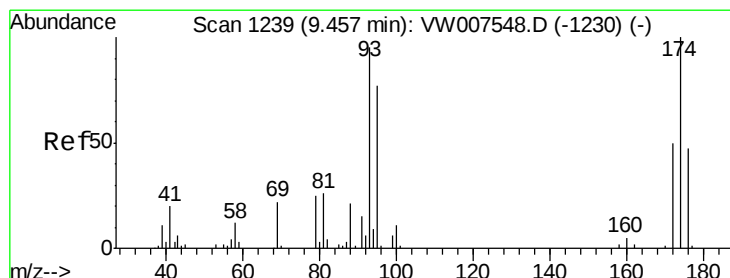
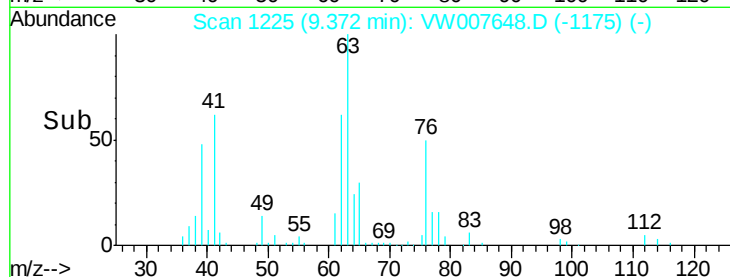
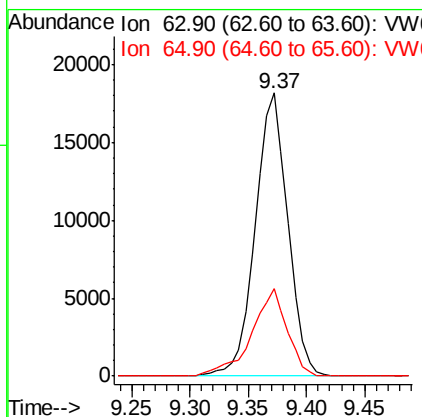
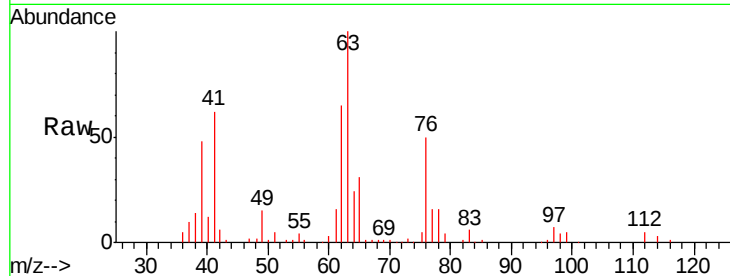
65 30.7 24.4 36.6

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#46

Dibromomethane

Concen: 52.591 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

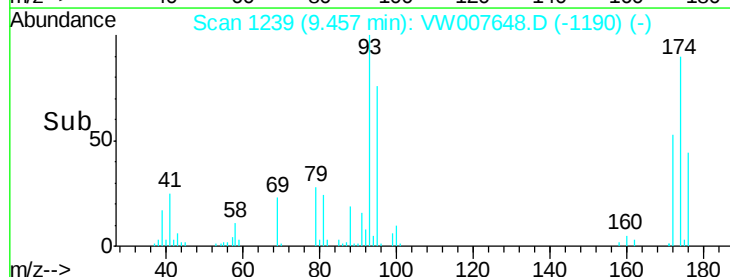
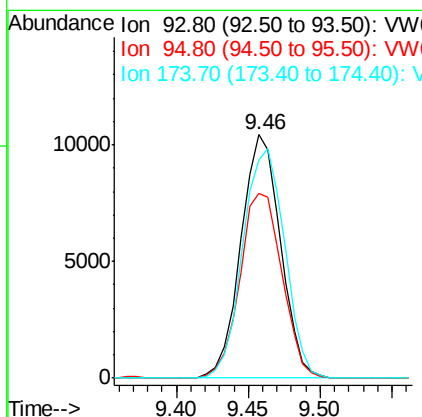
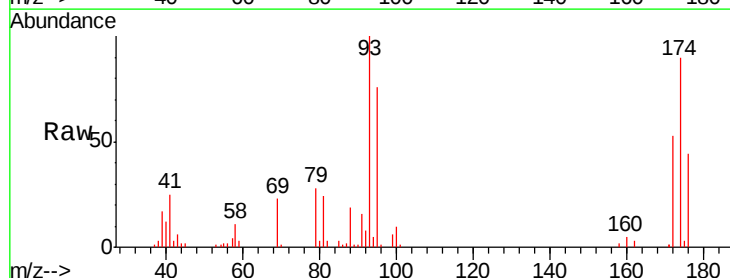
Tgt Ion: 93 Resp: 19822

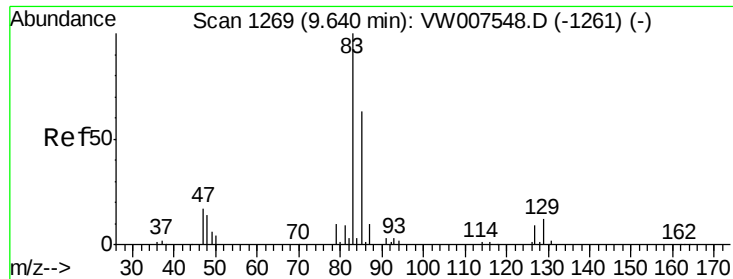
Ion Ratio Lower Upper

93 100

95 80.8 68.0 102.0

174 99.7 83.2 124.8





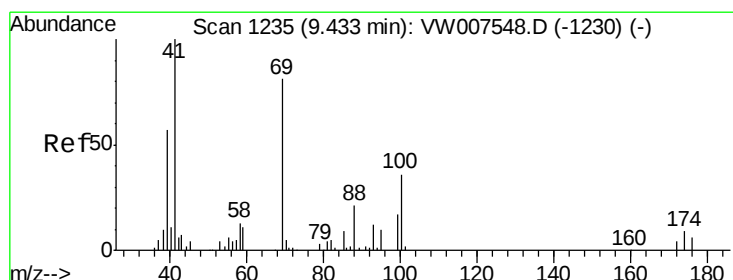
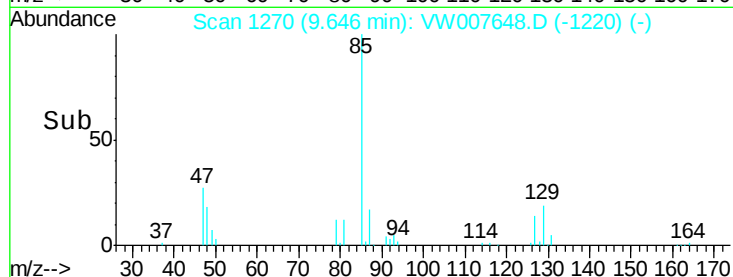
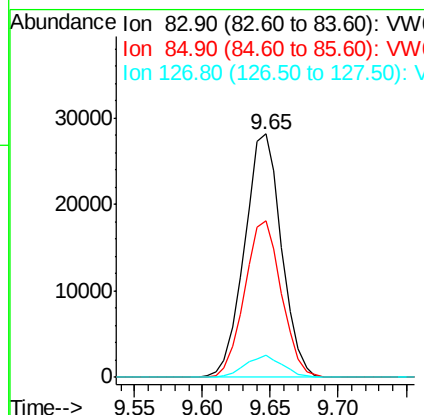
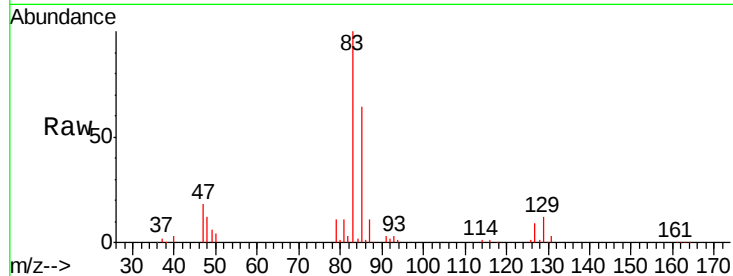
#47
Bromodichloromethane
Concen: 54.237 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	53621		
85	64.5	47.6	71.4	
127	9.2	6.7	10.1	

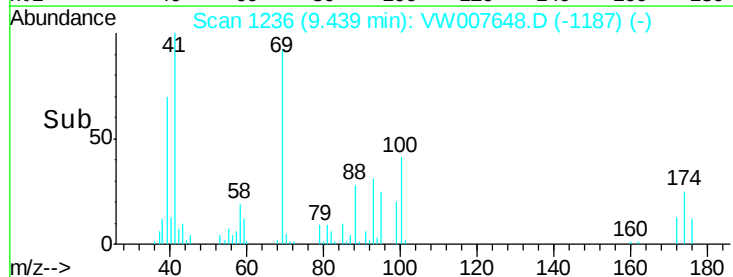
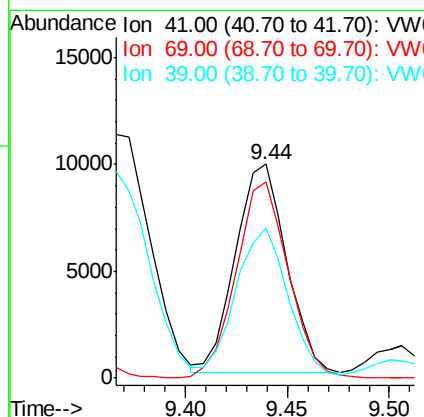
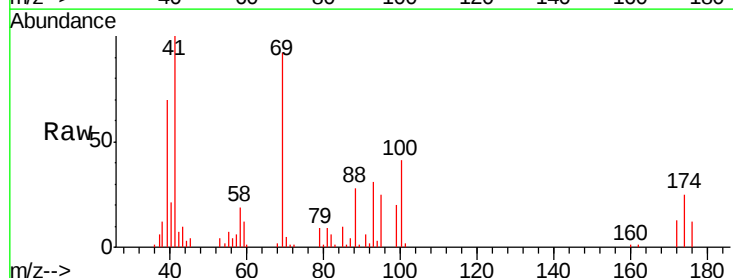
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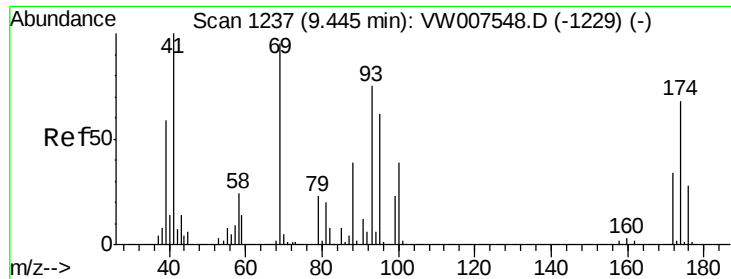
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#48
Methyl methacrylate
Concen: 43.216 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	16852		
69	97.0	69.8	104.8	
39	75.8	50.9	76.3	





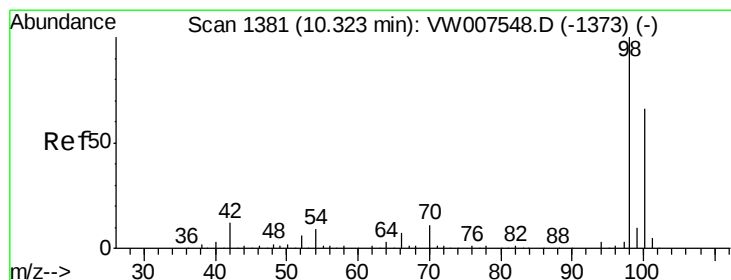
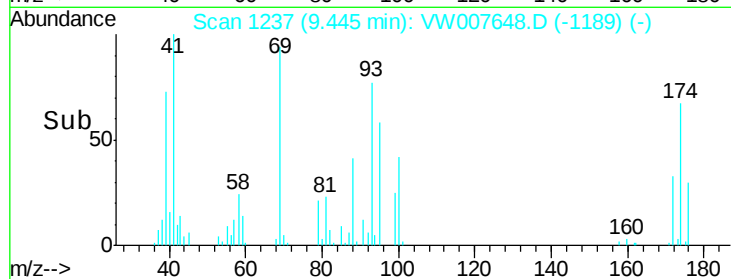
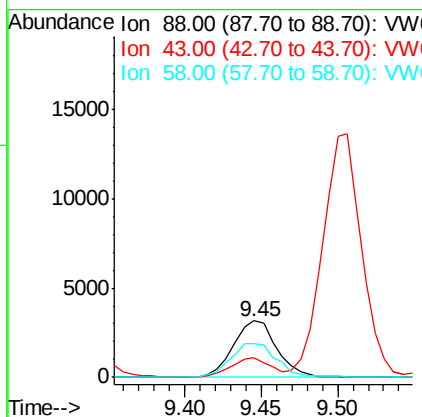
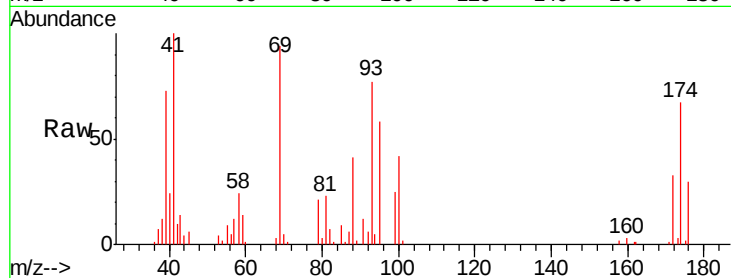
#49
1,4-Dioxane
Concen: 1021.163 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.0	37.4
58	64.4	51.4	77.2

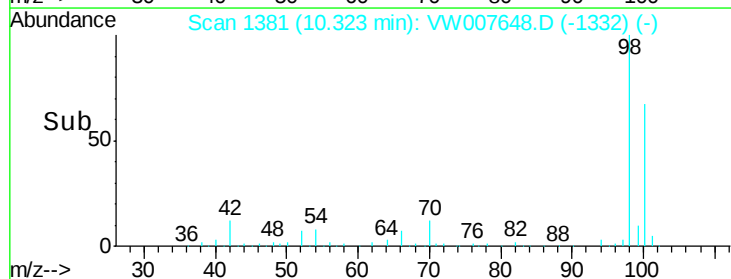
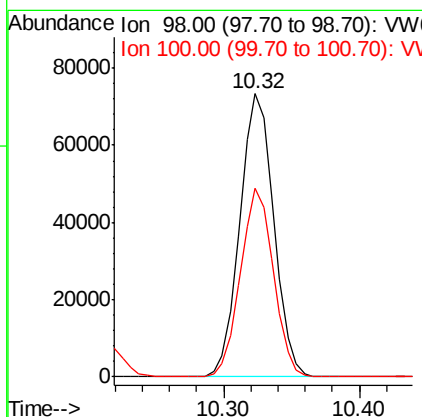
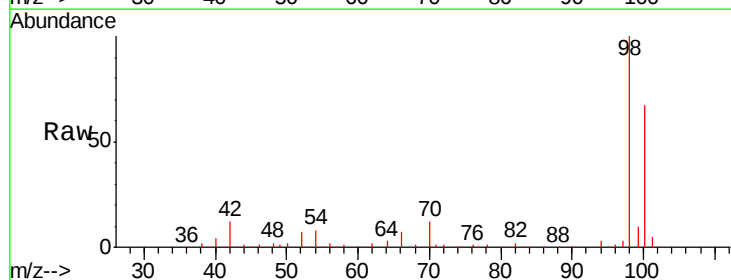
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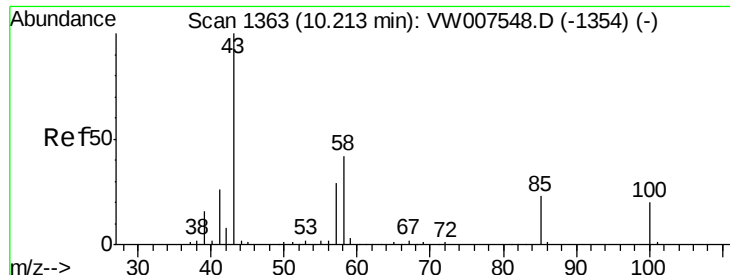
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#50
Toluene-d8
Concen: 49.652 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.8





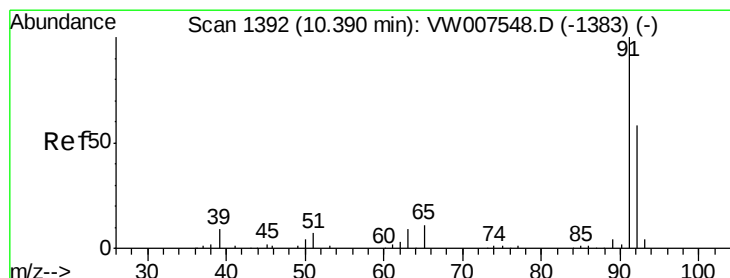
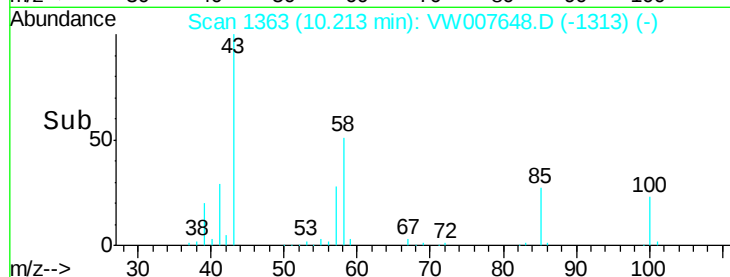
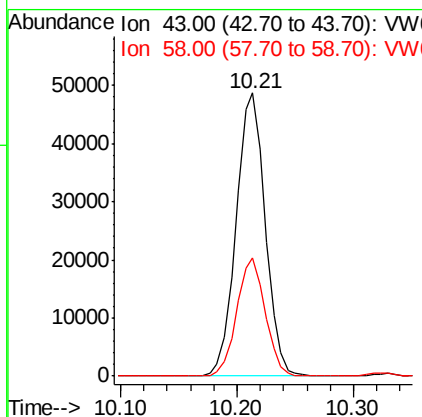
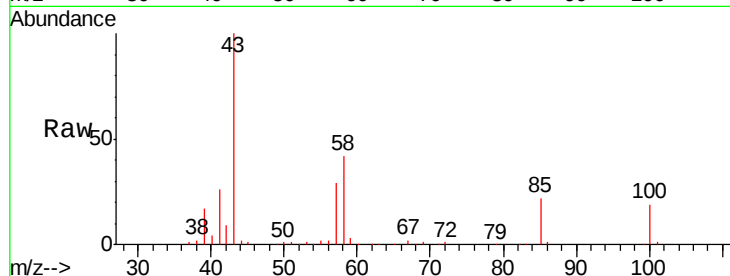
#51
4-Methyl-2-Pentanone
Concen: 235.721 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 84567
Ion Ratio Lower Upper
43 100
58 41.0 33.1 49.7

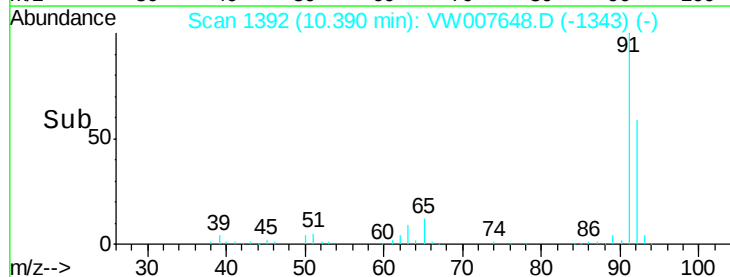
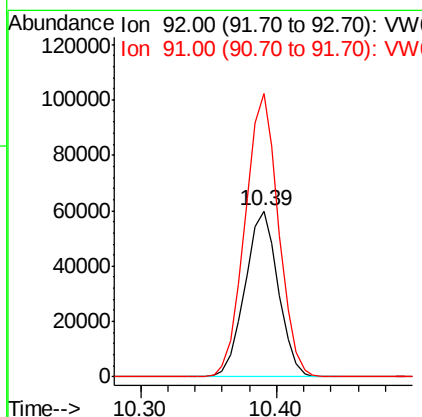
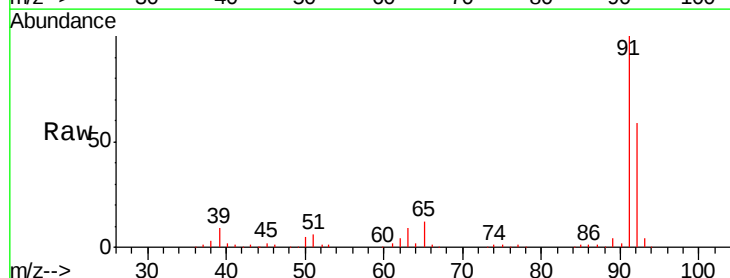
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#52
Toluene
Concen: 55.234 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion: 92 Resp: 102517
Ion Ratio Lower Upper
92 100
91 171.6 136.2 204.2





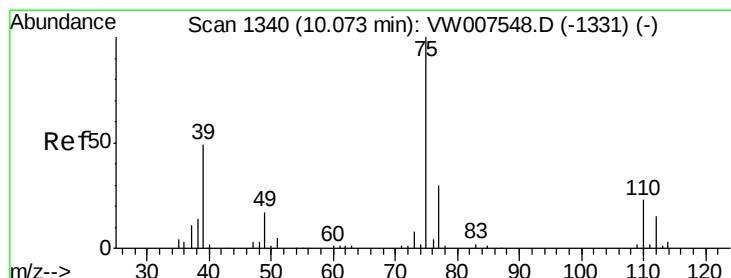
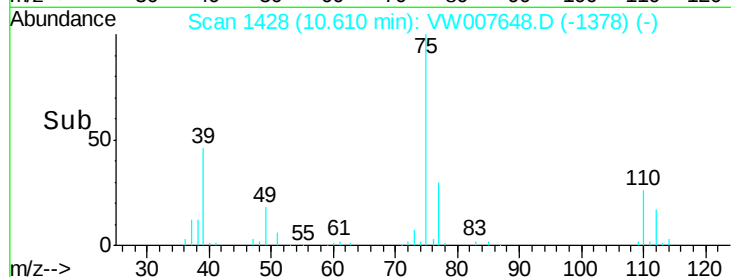
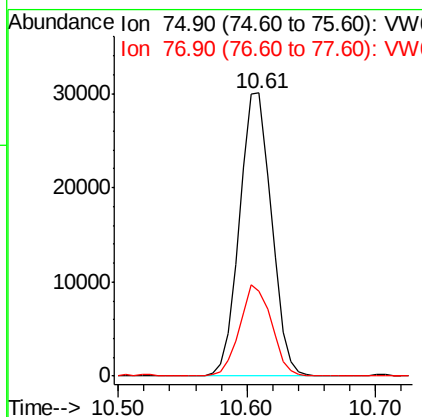
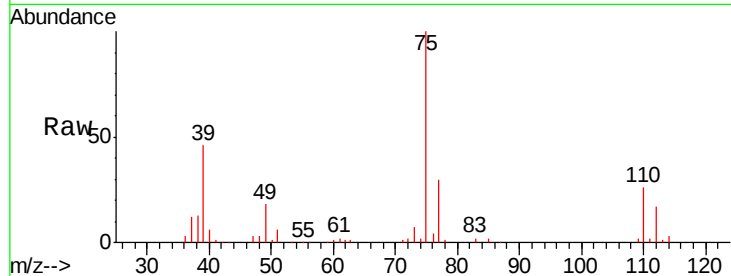
#53
 t-1,3-Dichloropropene
 Concen: 53.744 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 51583
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.2 39.4

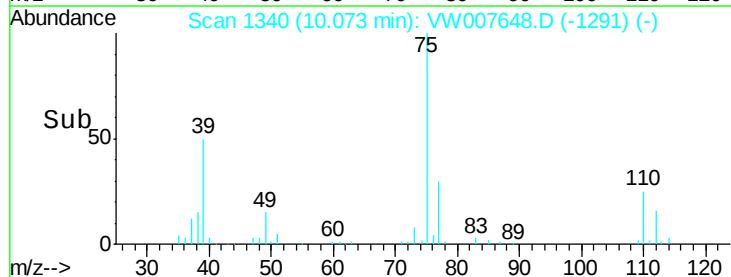
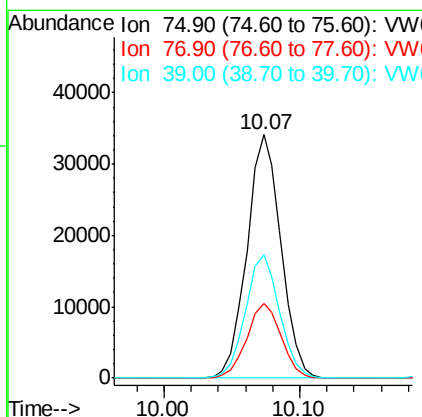
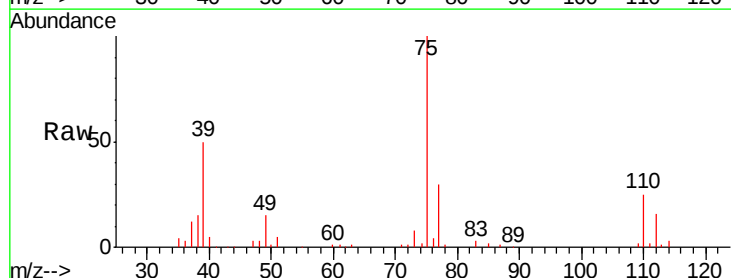
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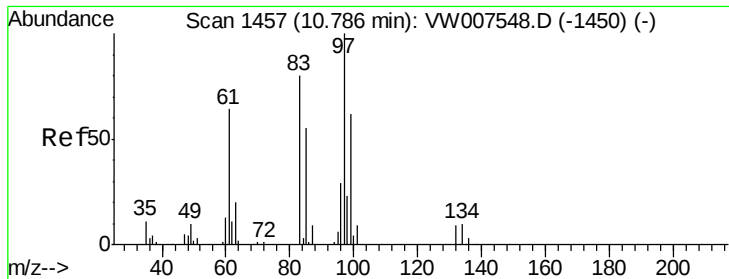
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#54
 cis-1,3-Dichloropropene
 Concen: 53.632 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Tgt Ion: 75 Resp: 59507
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.8 37.2
 39 50.5 40.9 61.3





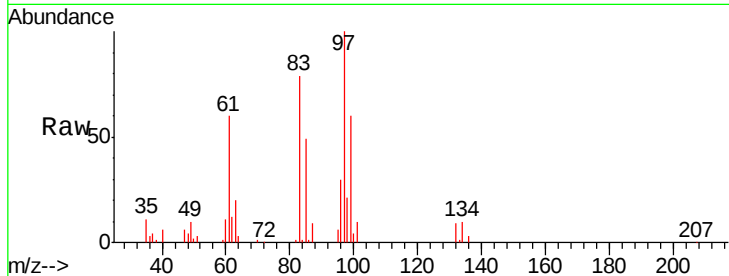
#55
 1,1,2-Trichloroethane
 Concen: 53.060 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

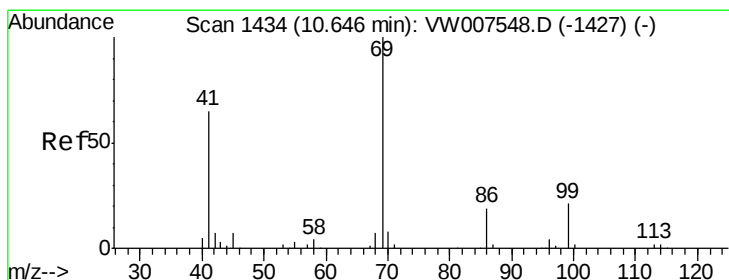
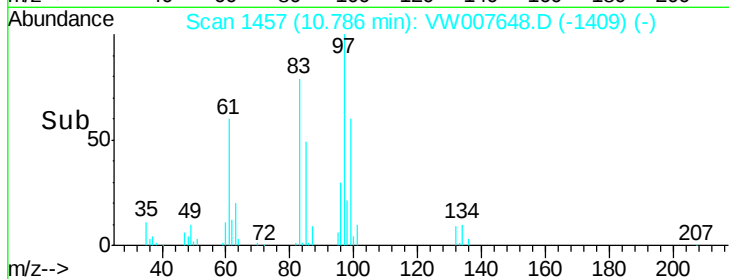
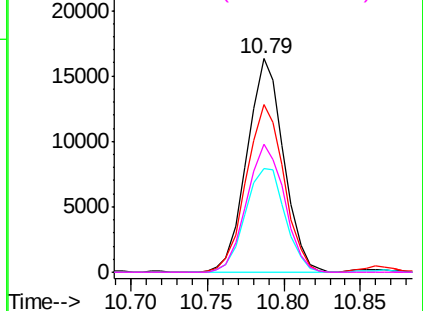
Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.5	62.1	93.1
85	48.7	44.2	66.4
99	60.0	50.2	75.4

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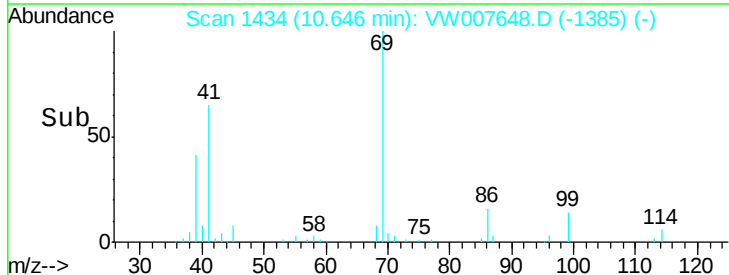
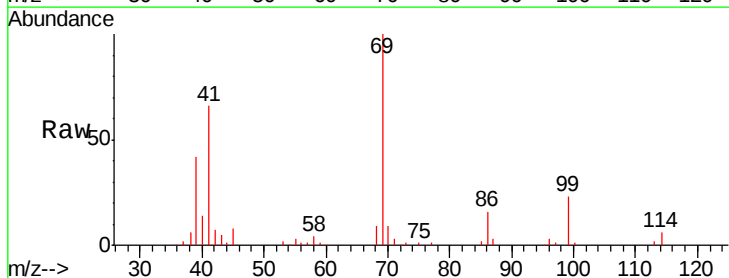
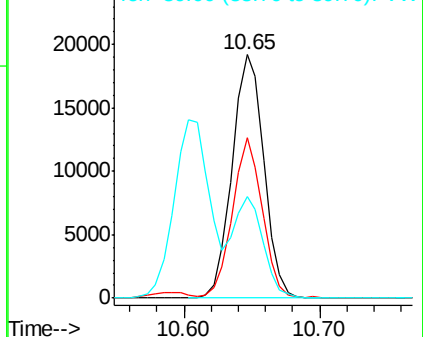
Abundance Ion 96.90 (96.60 to 97.60): VW
 25000 Ion 82.90 (82.60 to 83.60): VW
 20000 Ion 84.90 (84.60 to 85.60): VW
 15000 Ion 98.90 (98.60 to 99.60): VW
 10000
 5000
 0

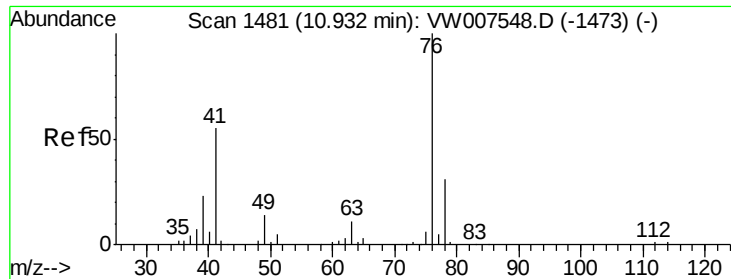


#56
 Ethyl methacrylate
 Concen: 50.560 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.1	51.0	76.6
39	39.7	30.8	46.2

Abundance Ion 69.00 (68.70 to 69.70): VW
 25000 Ion 41.00 (40.70 to 41.70): VW
 20000 Ion 39.00 (38.70 to 39.70): VW
 15000
 10000
 5000
 0





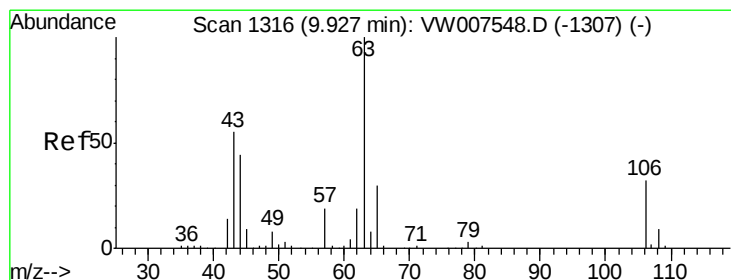
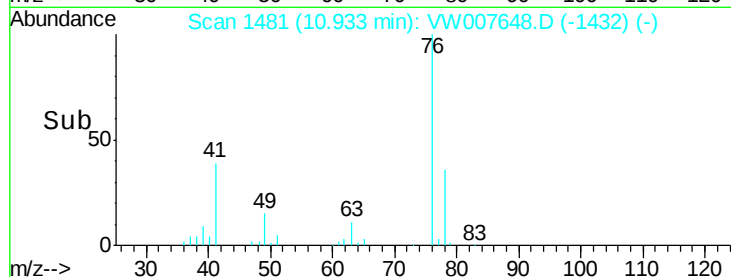
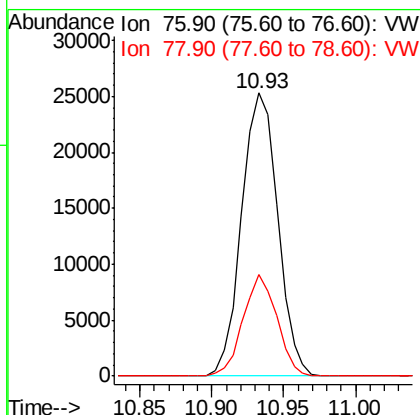
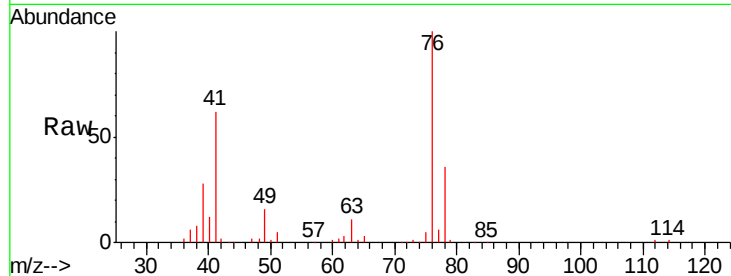
#57
 1,3-Dichloropropane
 Concen: 52.241 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 43985
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.2 39.4

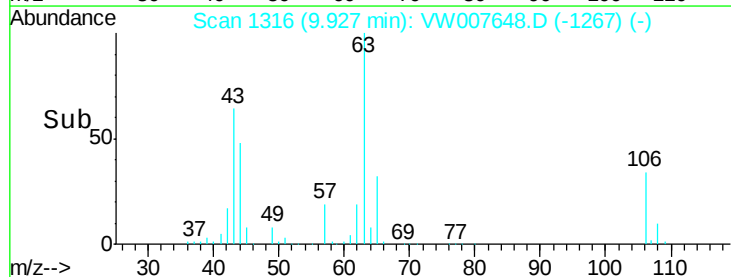
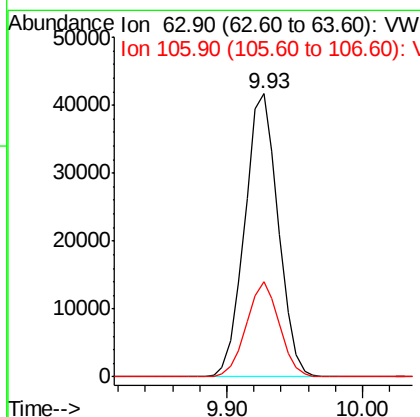
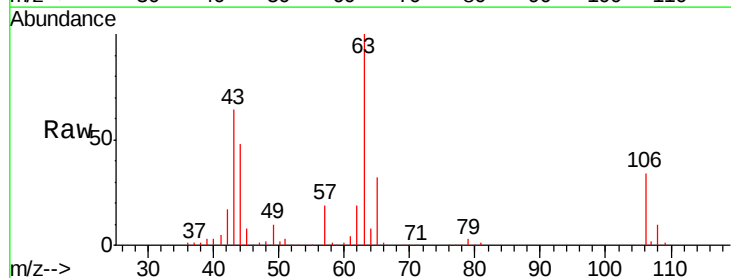
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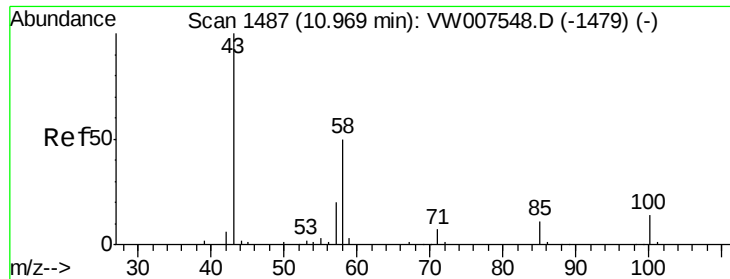
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.804 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Tgt Ion: 63 Resp: 71880
 Ion Ratio Lower Upper
 63 100
 106 32.9 25.0 37.6





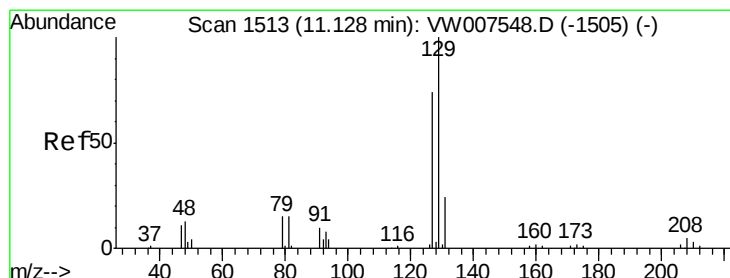
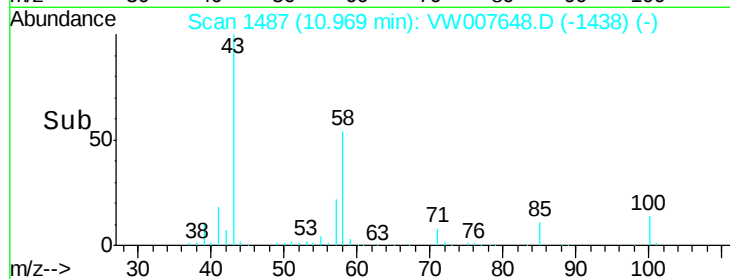
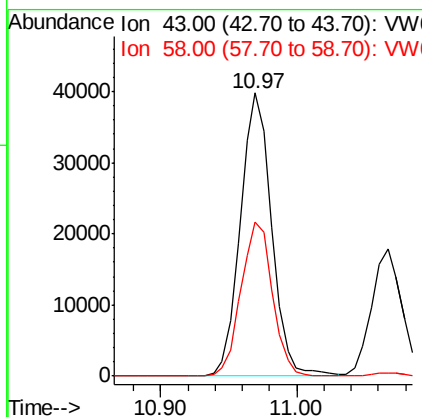
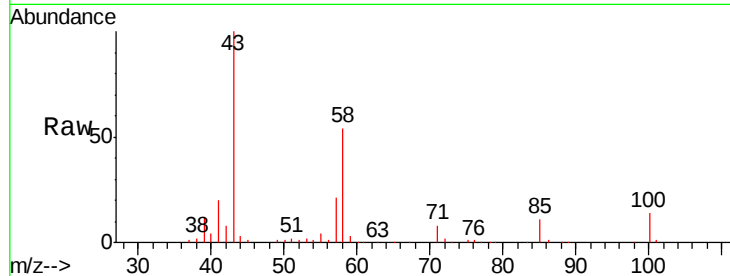
#59
2-Hexanone
Concen: 267.101 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 63896
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.3

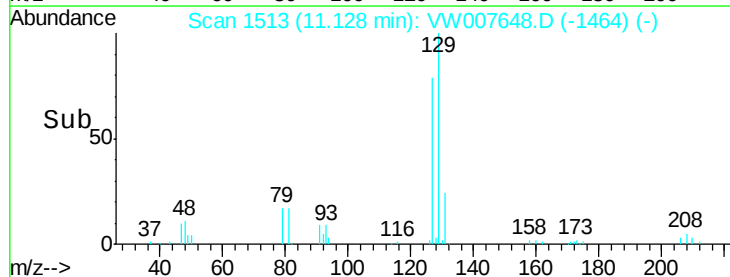
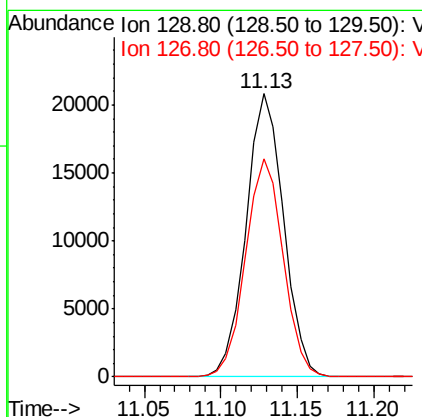
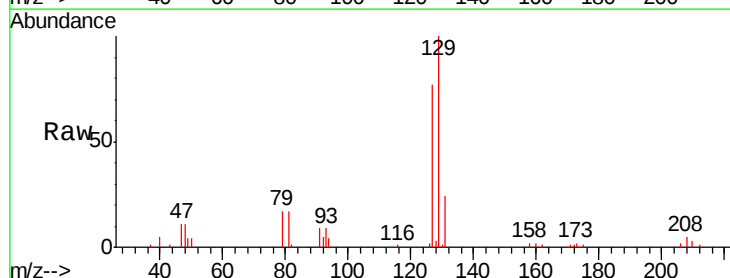
Manual Integrations
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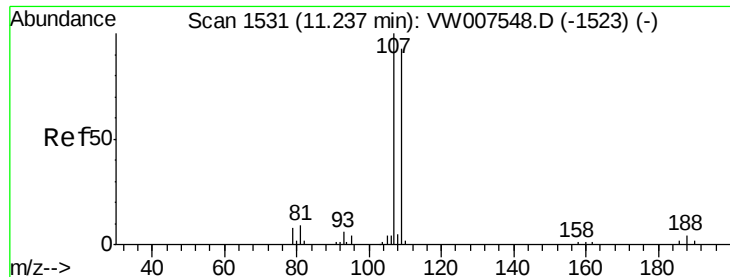
apatel
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#60
Dibromochloromethane
Concen: 54.859 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion: 129 Resp: 35514
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3





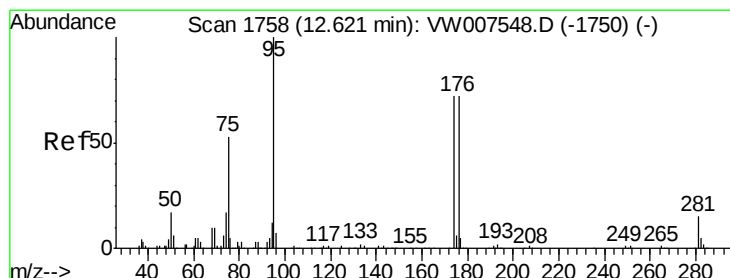
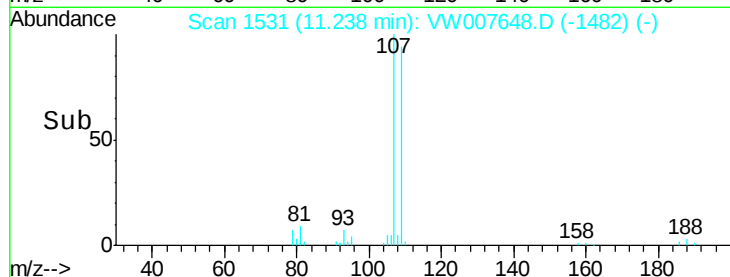
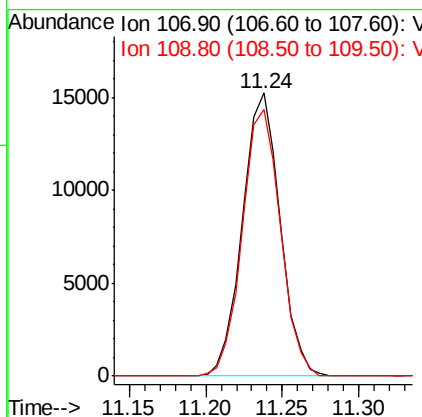
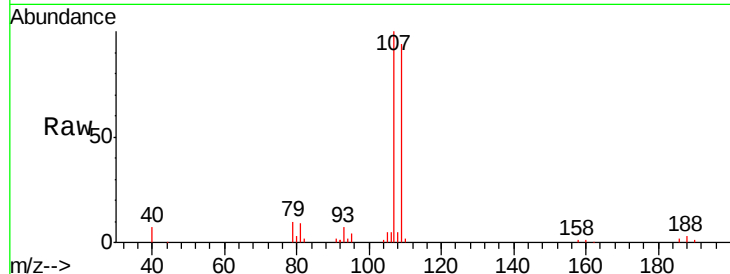
#61
 1,2-Dibromoethane
 Concen: 51.456 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 26085
 Ion Ratio Lower Upper
 107 100
 109 95.5 79.1 118.7

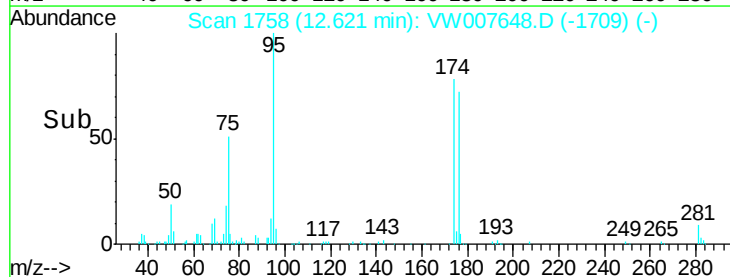
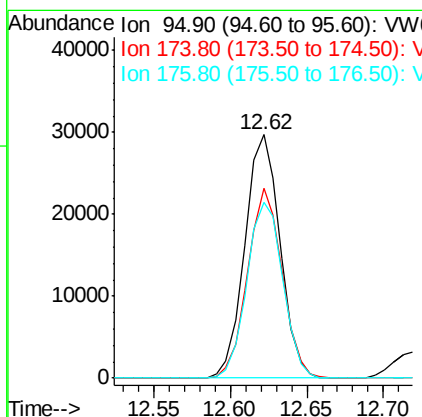
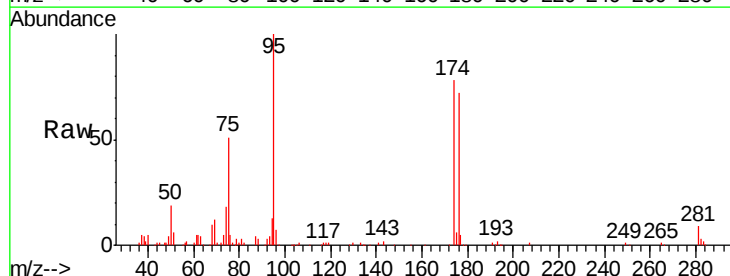
Manual Integrations
 APPROVED

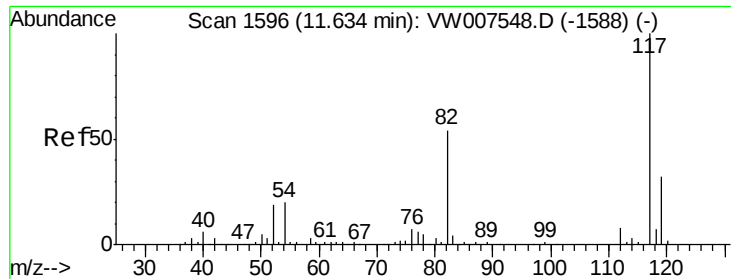
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.228 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Tgt Ion: 95 Resp: 47486
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 147.2
 176 73.9 0.0 138.8





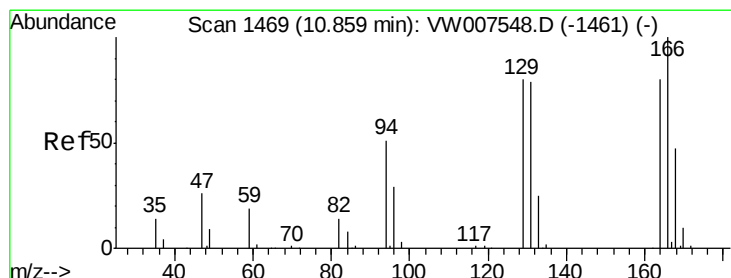
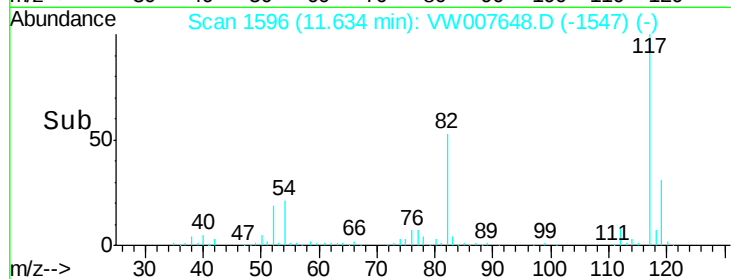
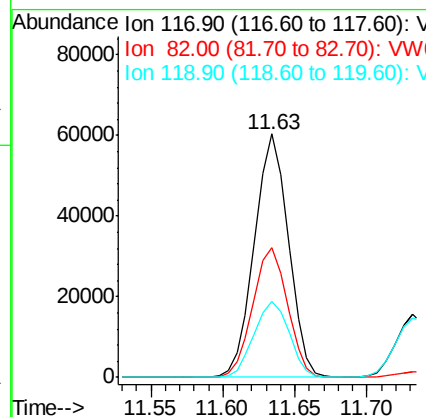
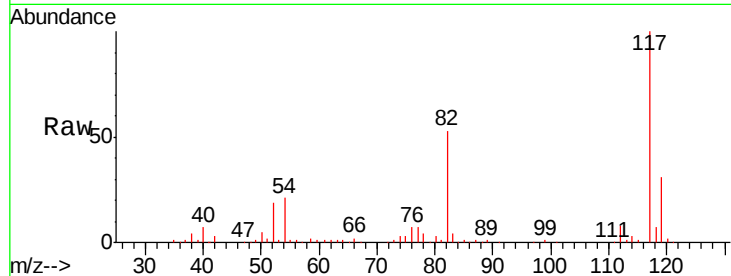
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.3	63.5
119	30.9	23.0	34.6

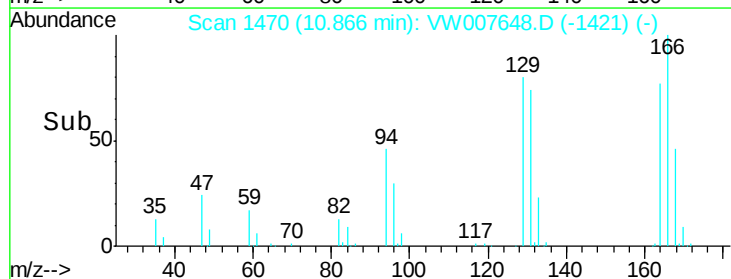
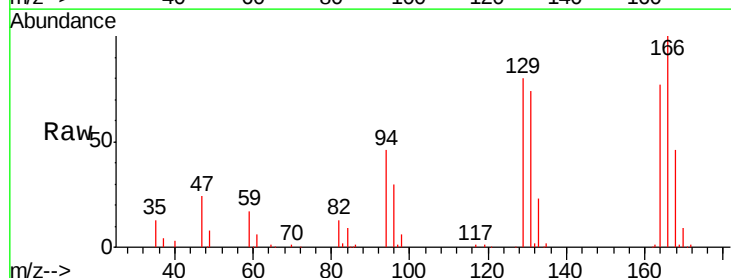
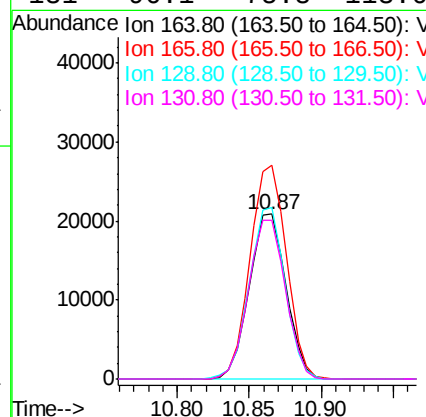
Manual Integrations
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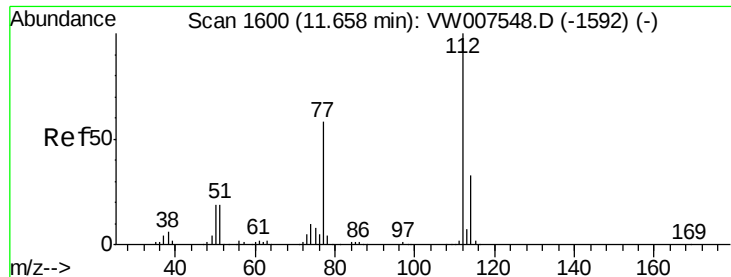
apatel
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#64
Tetrachloroethene
Concen: 51.885 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	107.9	161.9
129	103.8	73.4	110.2
131	96.1	75.8	113.6





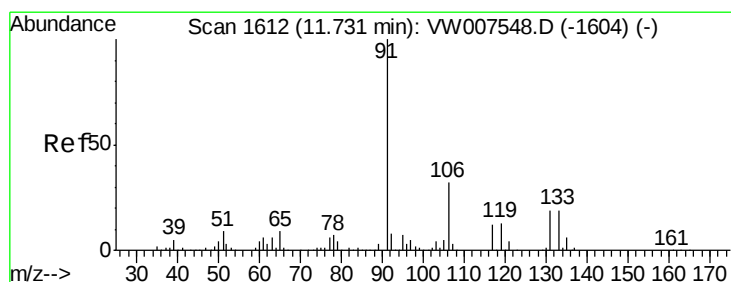
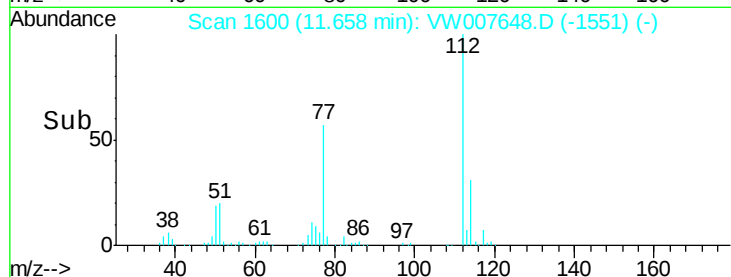
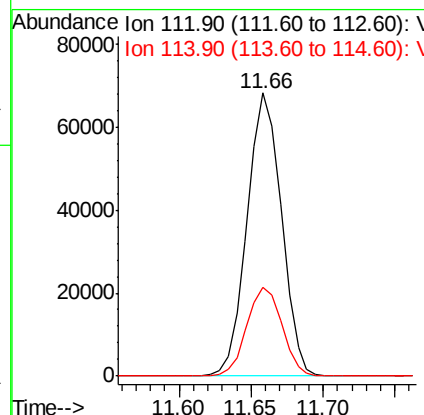
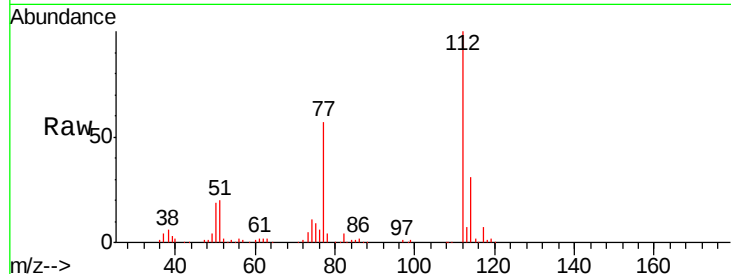
#65
Chlorobenzene
Concen: 54.734 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	112688		
114	31.4	27.8	41.8	

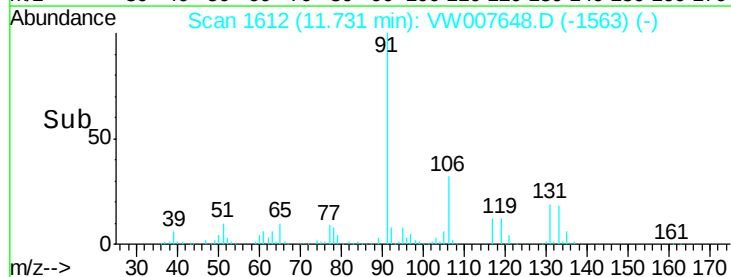
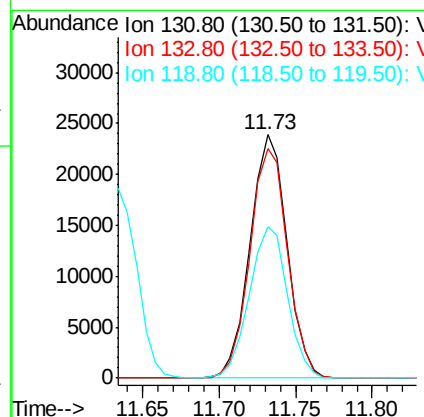
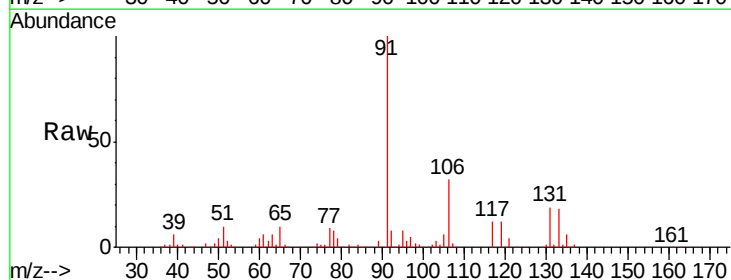
Manual Integrations
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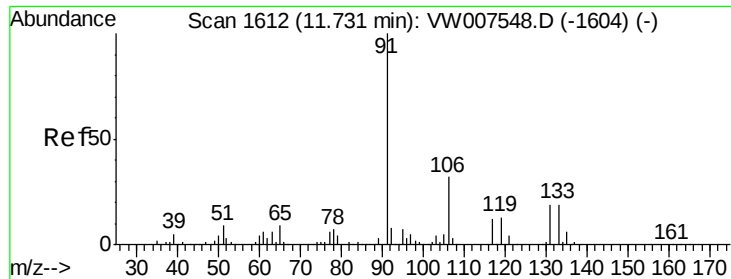
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.354 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	40138		
133	96.2	47.1	141.4	
119	64.5	31.3	93.9	





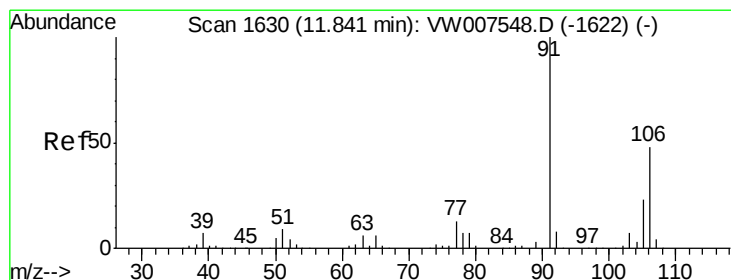
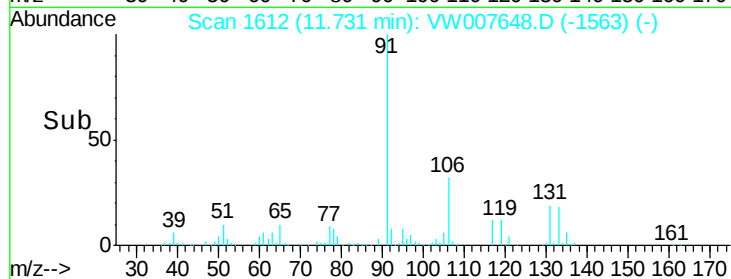
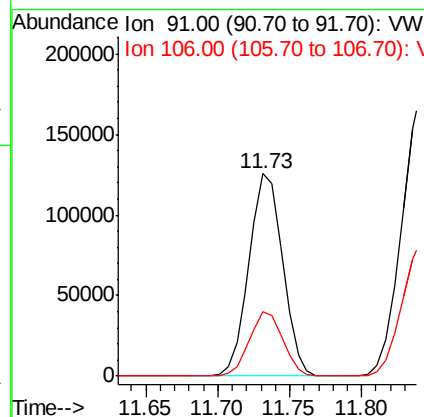
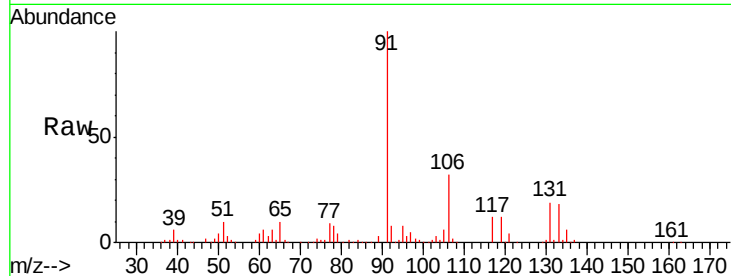
#67
Ethyl Benzene
Concen: 57.559 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 203742
Ion Ratio Lower Upper
91 100
106 31.9 21.8 32.8

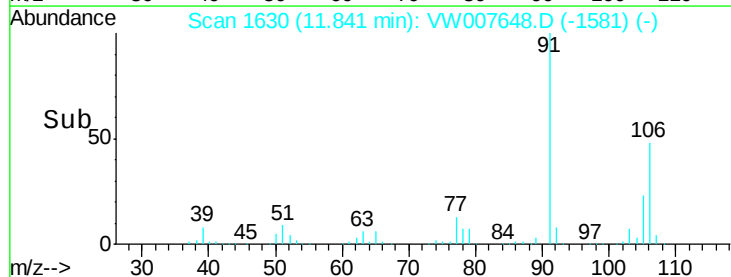
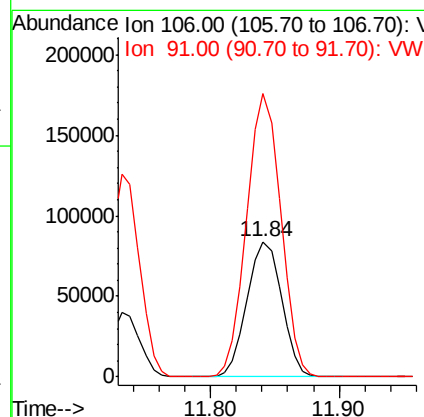
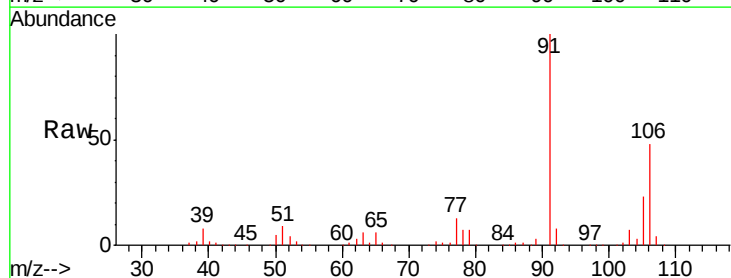
Manual Integrations
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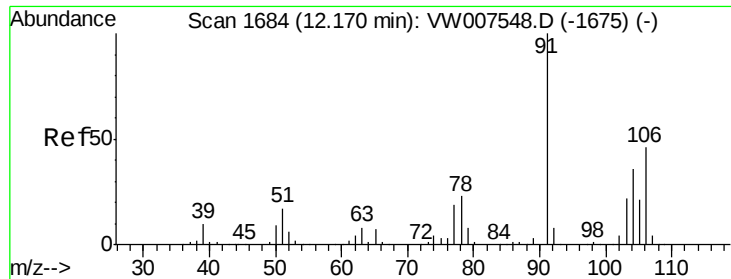
apatel
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#68
m/p-Xylenes
Concen: 114.117 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion: 106 Resp: 157034
Ion Ratio Lower Upper
106 100
91 206.2 165.3 247.9





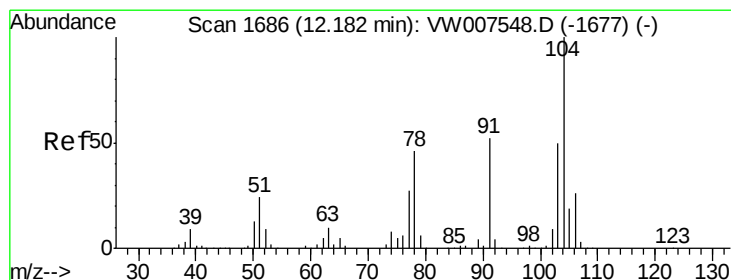
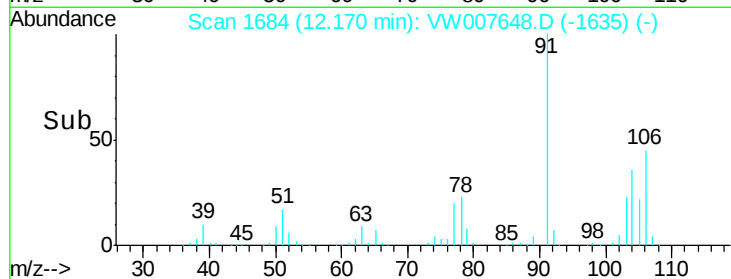
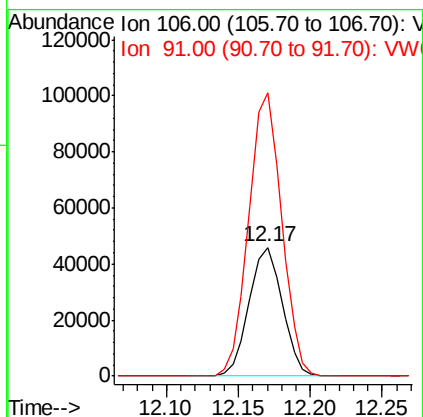
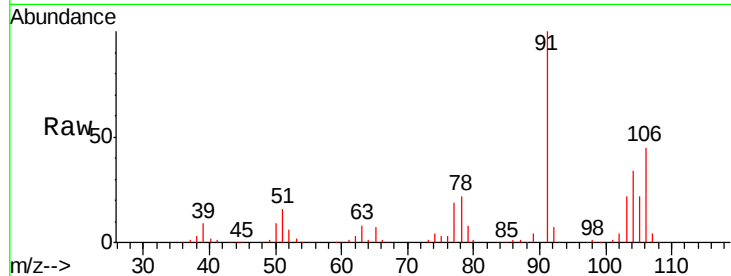
#69
o-Xylene
Concen: 57.007 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 73264
Ion Ratio Lower Upper
106 100
91 217.9 106.6 319.8

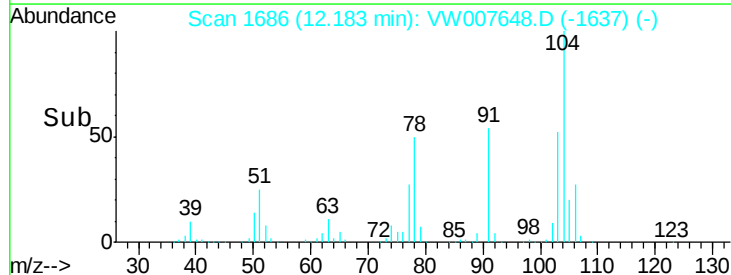
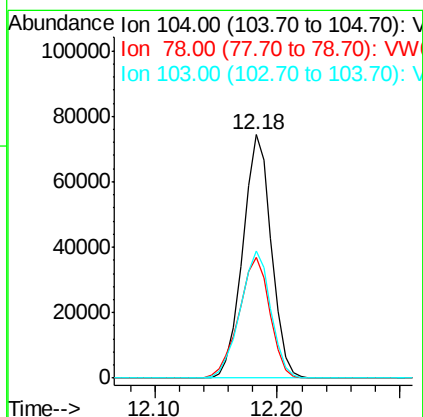
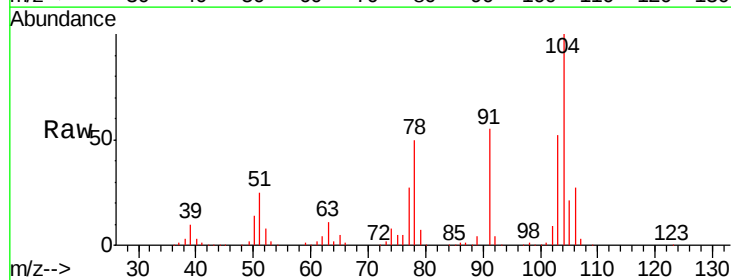
Manual Integrations
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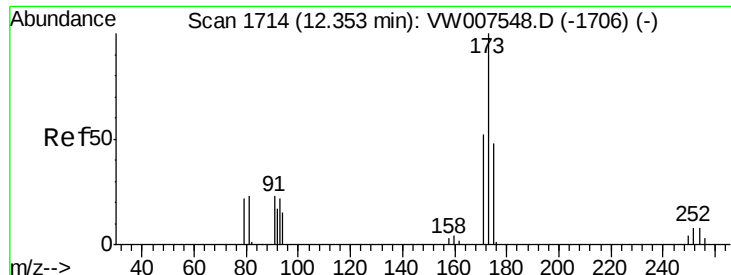
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#70
Styrene
Concen: 57.855 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion:104 Resp: 120096
Ion Ratio Lower Upper
104 100
78 53.7 41.8 62.8
103 56.2 46.6 69.8





#71

Bromoform

Concen: 53.219 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

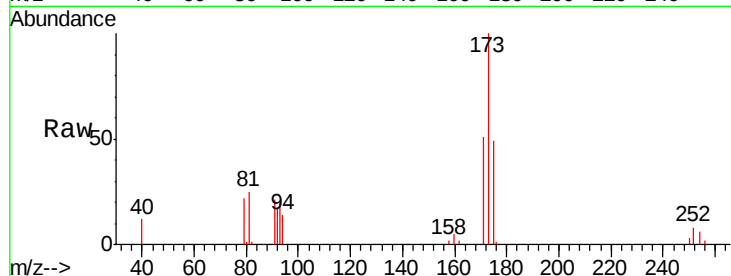
ClientSampleId :

VSTDCCC050

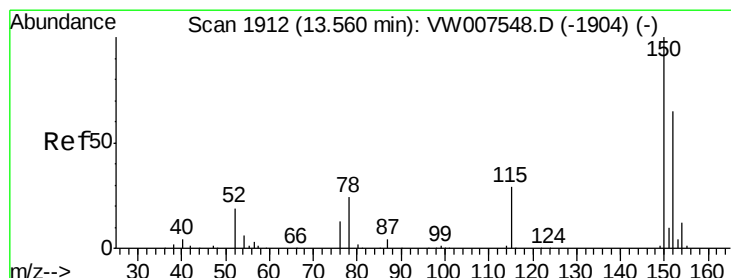
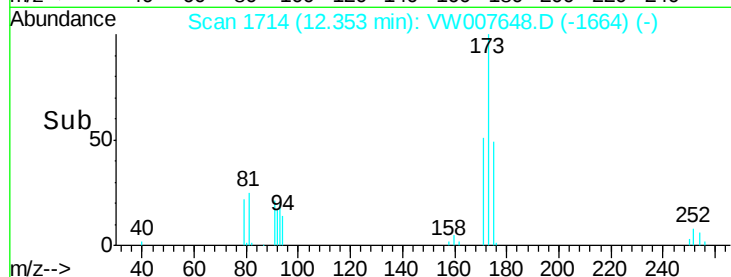
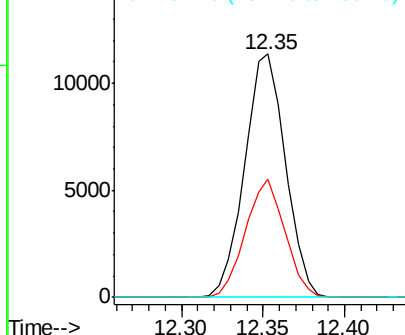
Tgt Ion:	173	Resp:	19752
Ion Ratio	Lower	Upper	
173	100		
175	46.8	23.6	70.8
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

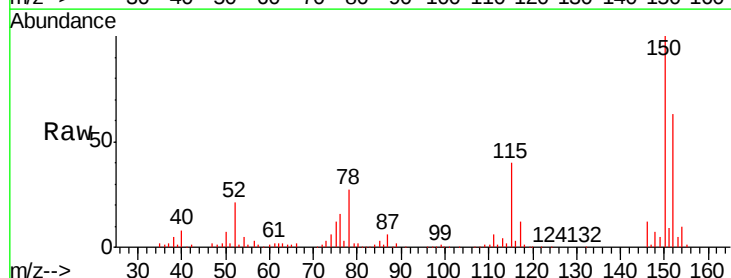
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

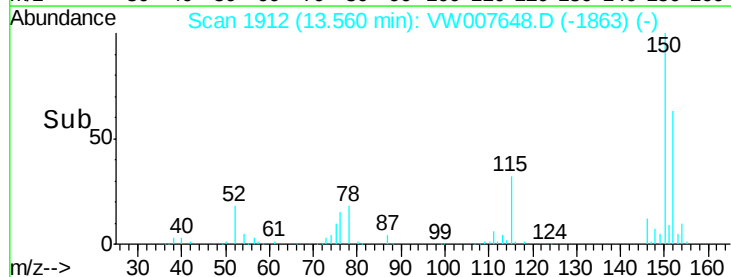
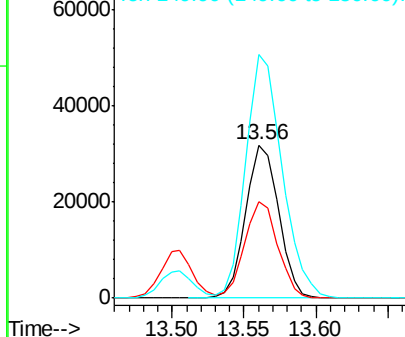
Lab File: VW007648.D

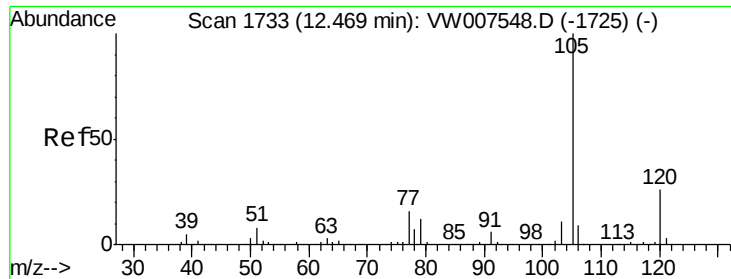
Acq: 18 Dec 2018 10:24

Tgt Ion:	152	Resp:	50247
Ion Ratio	Lower	Upper	
152	100		
115	63.5	31.4	94.2
150	176.2	0.0	358.4



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: 55.116 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 212203

Ion Ratio Lower Upper

105 100

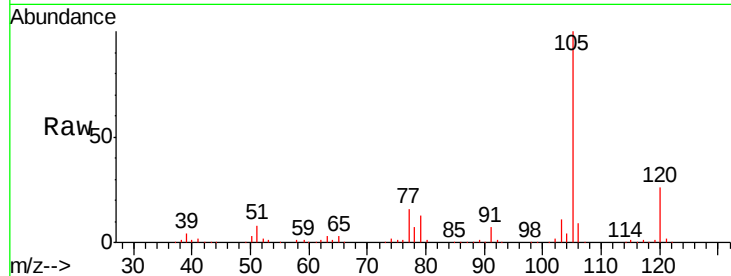
120 26.3 12.8 38.4

Manual Integrations

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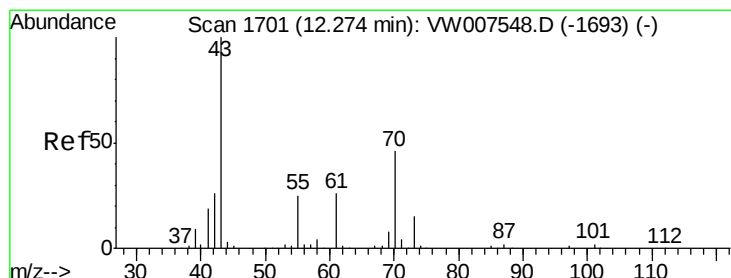
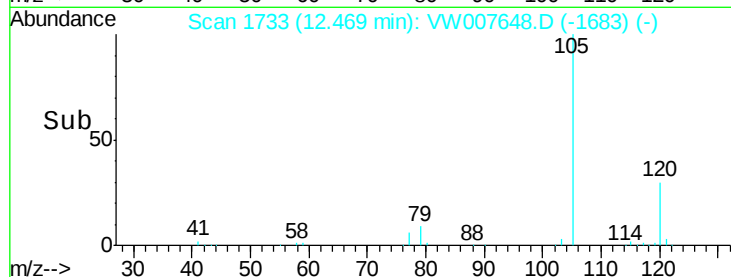
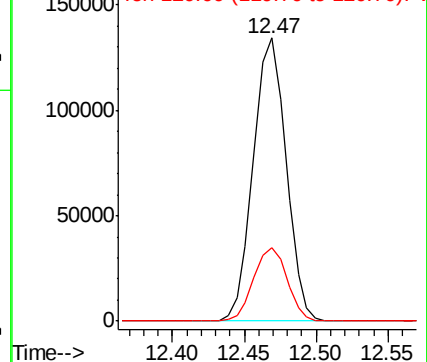
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.357 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Tgt Ion: 43 Resp: 32437

Ion Ratio Lower Upper

43 100

70 45.0 36.5 54.7

55 25.6 20.1 30.1

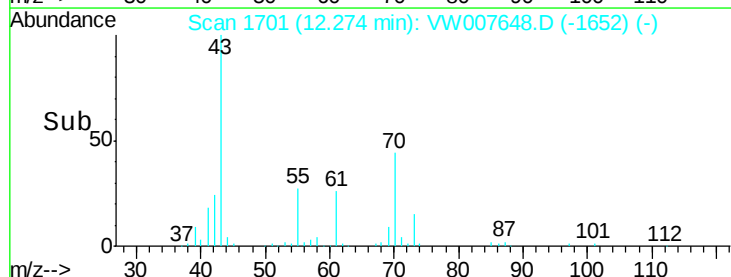
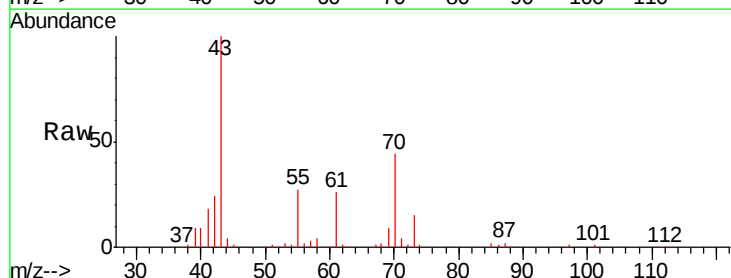
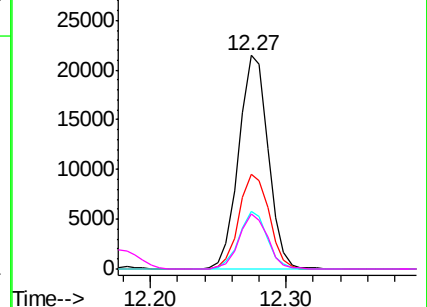
61 24.8 19.3 28.9

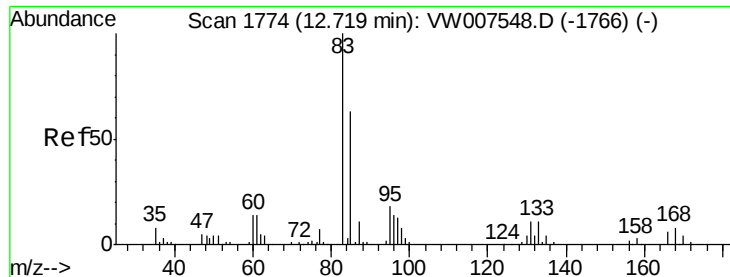
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





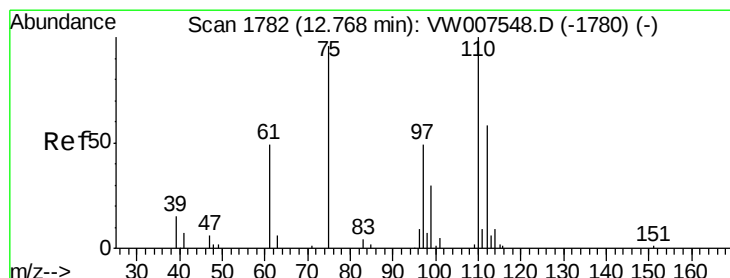
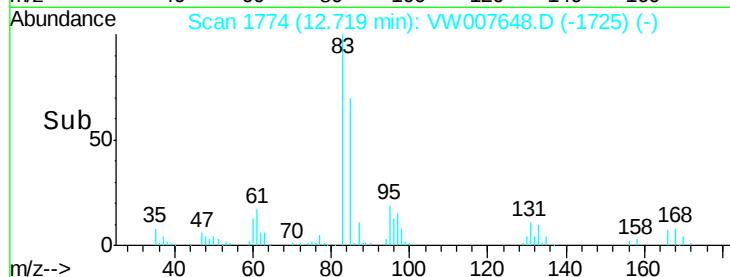
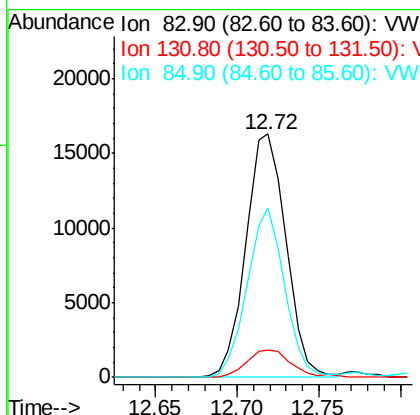
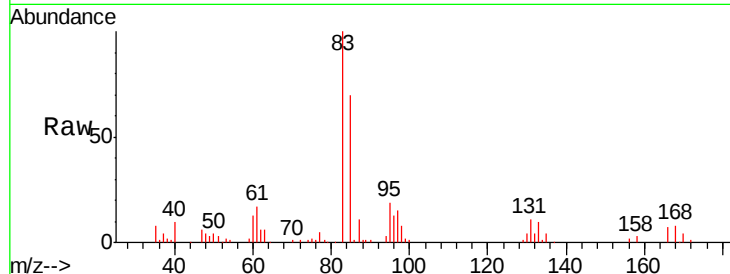
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.053 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.7	5.9	17.8
85	64.8	30.0	90.0

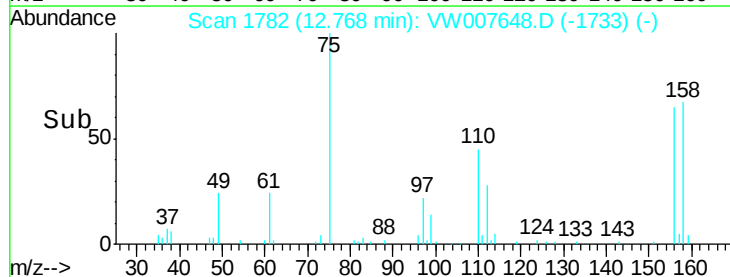
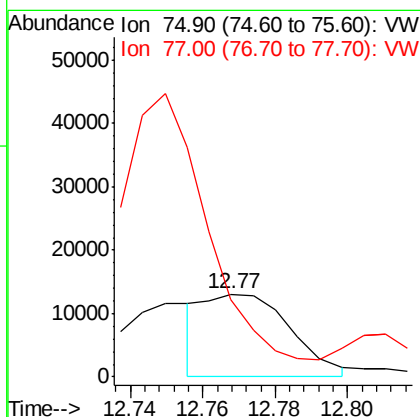
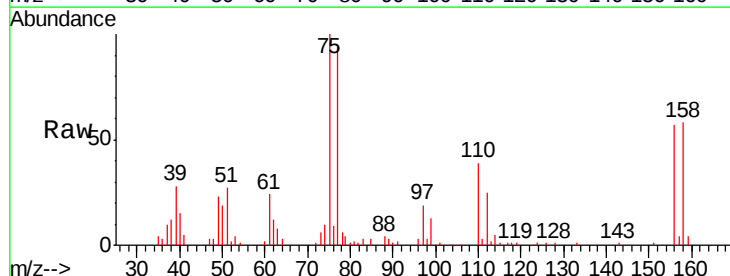
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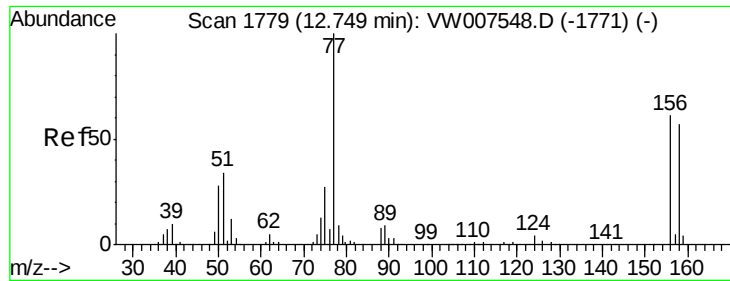
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#76
 1,2,3-Trichloropropane
 Concen: 52.240 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	371.6	166.9	500.8





#77

Bromobenzene

Concen: 54.062 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

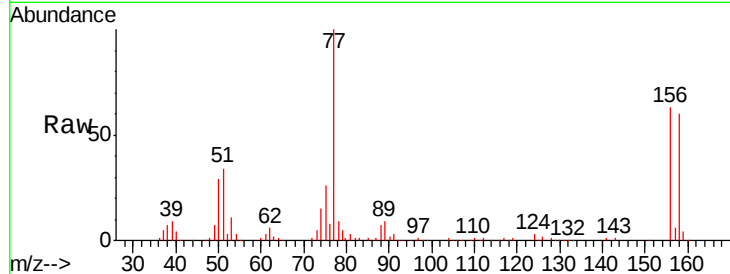
ClientSampleId :

VSTDCCC050

Tgt Ion	Resp	Lower	Upper
156	46138		
77	174.3	88.1	264.4
158	94.8	45.6	136.7

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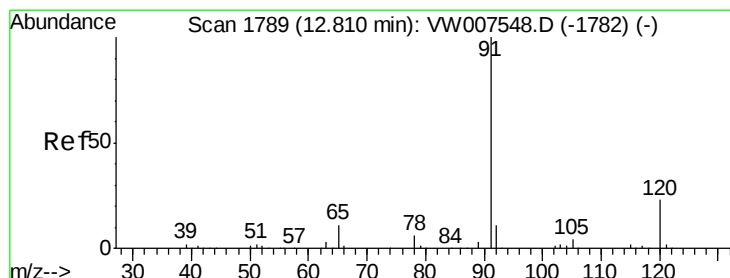
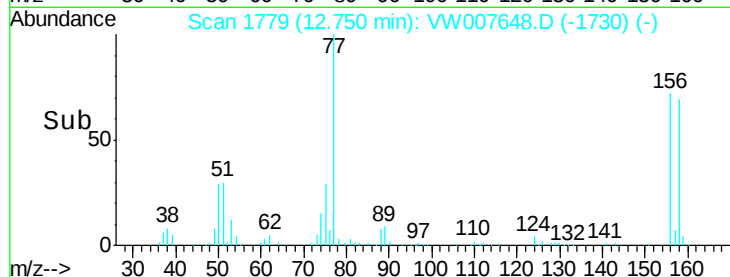
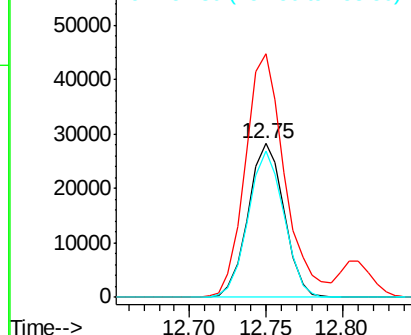
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.492 ug/l

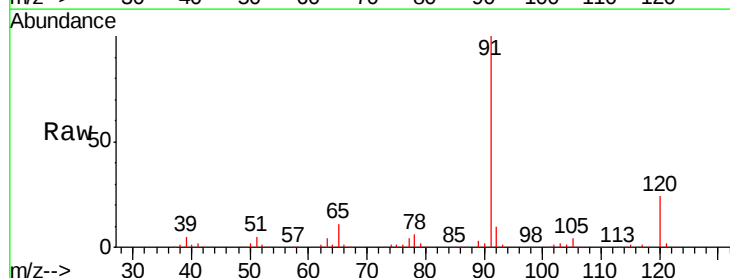
RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007648.D

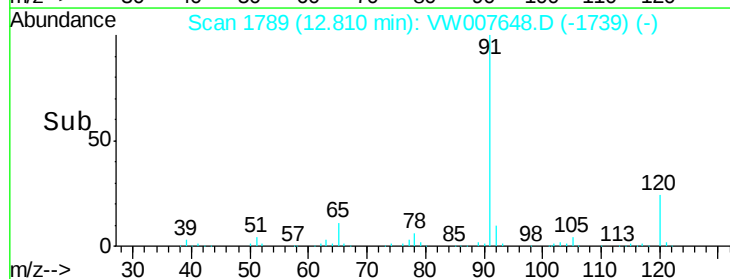
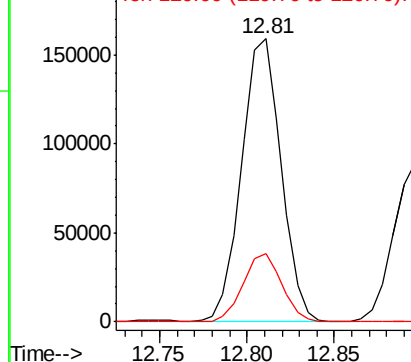
Acq: 18 Dec 2018 10:24

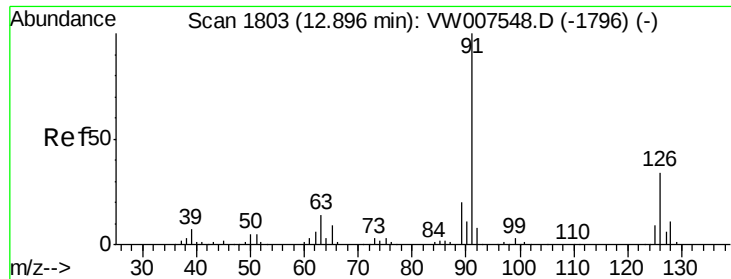
Tgt Ion	Resp	Lower	Upper
91	249111		
120	23.8	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.846 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 141173

Ion Ratio Lower Upper

91 100

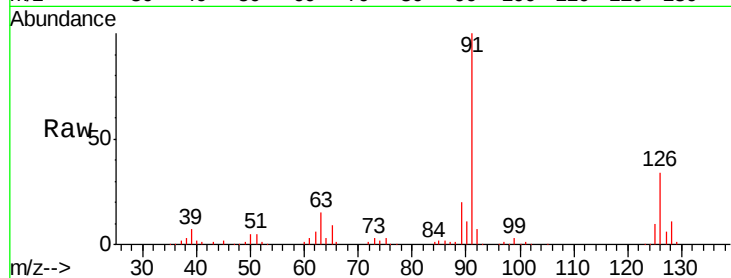
126 34.3 15.9 47.6

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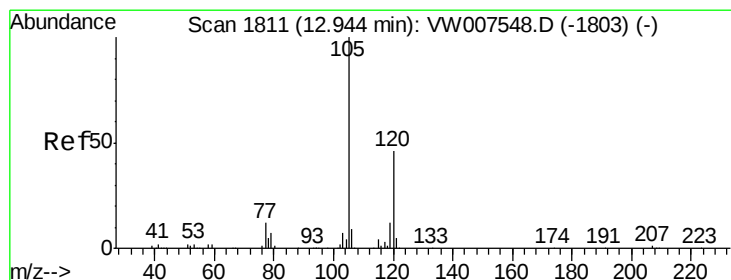
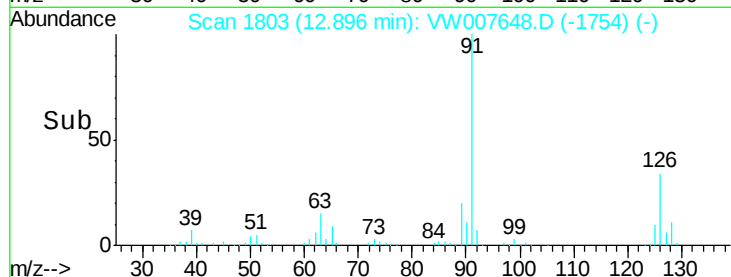
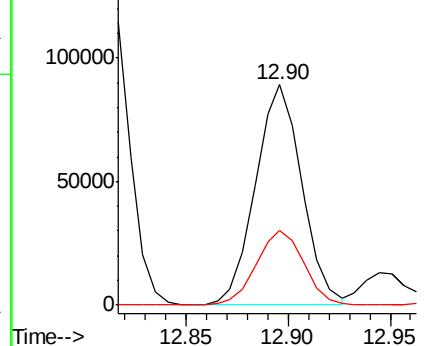
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.068 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW007648.D

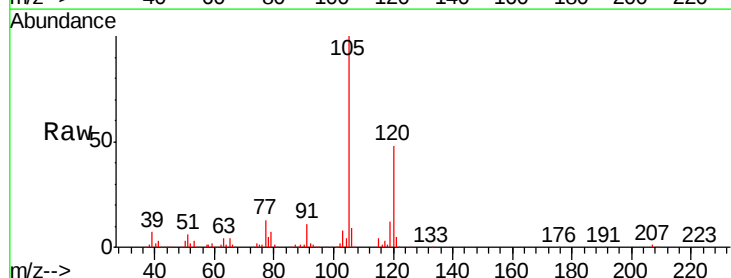
Acq: 18 Dec 2018 10:24

Tgt Ion: 105 Resp: 181384

Ion Ratio Lower Upper

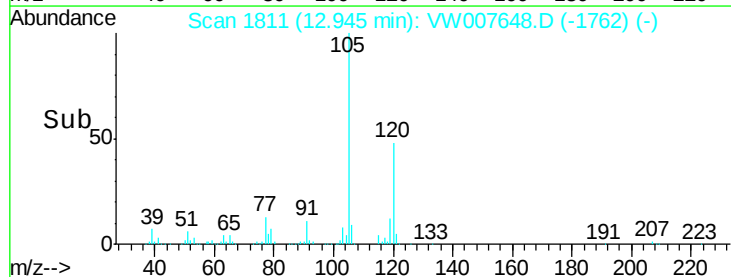
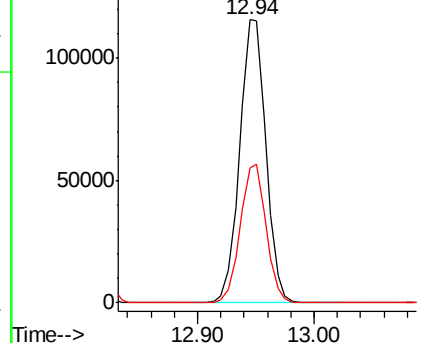
105 100

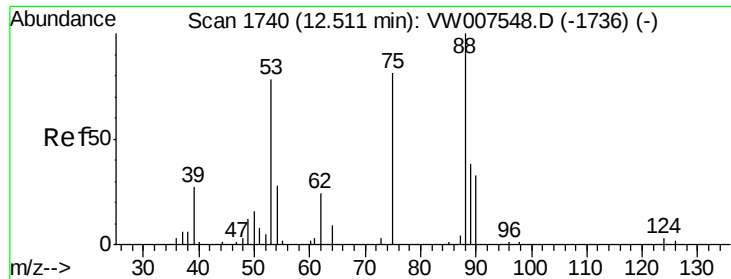
120 47.9 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.248 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Instrument :

MSVOA_W

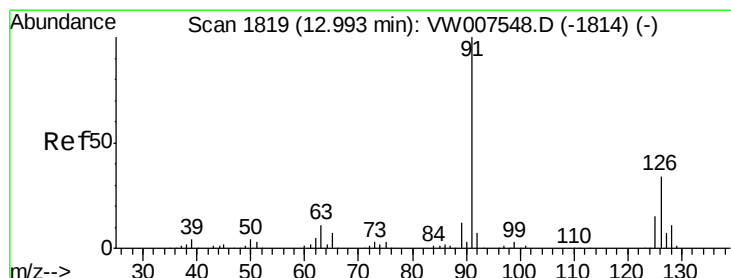
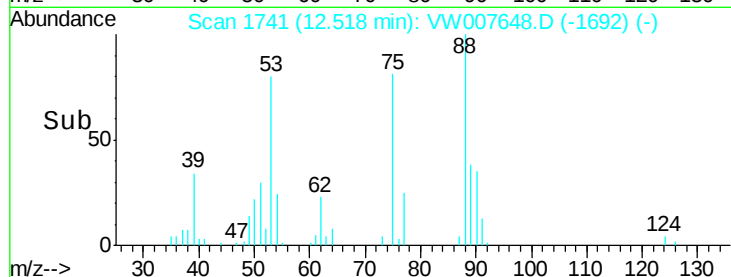
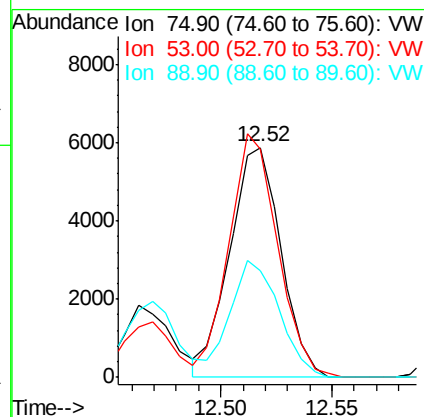
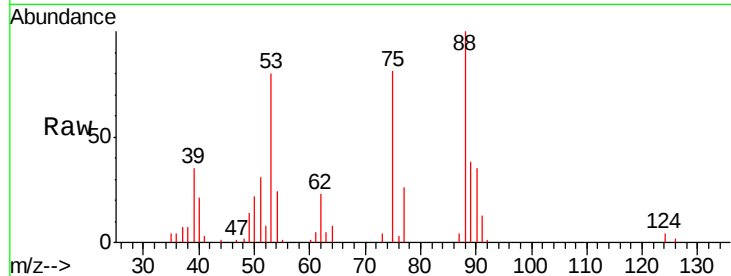
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	9424
Ion Ratio	Lower	Upper	
75	100		
53	100.9	84.9	127.3
89	48.0	40.3	60.5

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#82

4-Chlorotoluene

Concen: 54.392 ug/l

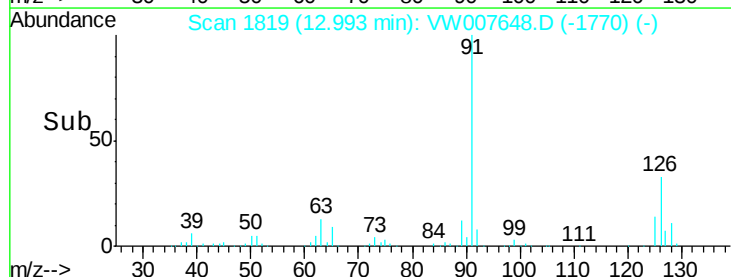
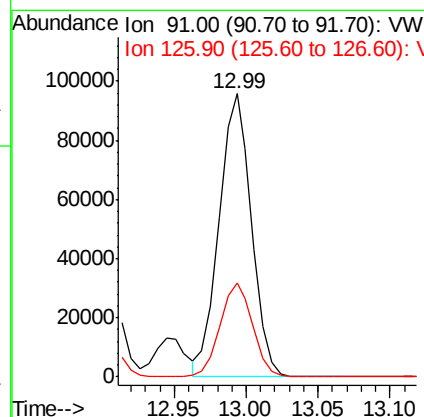
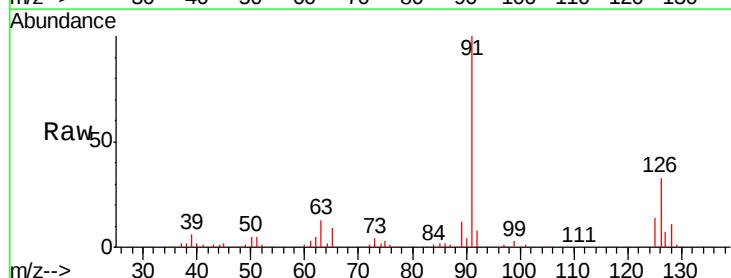
RT: 12.99 min Scan# 1819

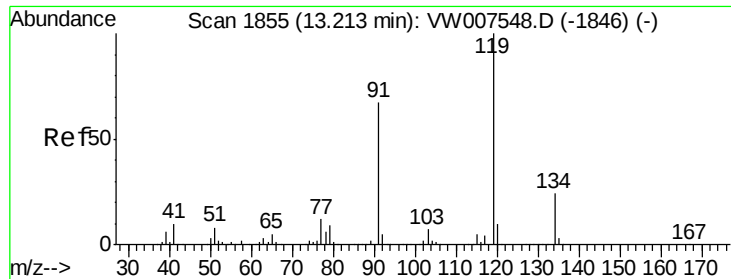
Delta R.T. 0.00 min

Lab File: VW007648.D

Acq: 18 Dec 2018 10:24

Tgt Ion:	91	Resp:	150318
Ion Ratio	Lower	Upper	
91	100		
126	33.4	16.0	48.0





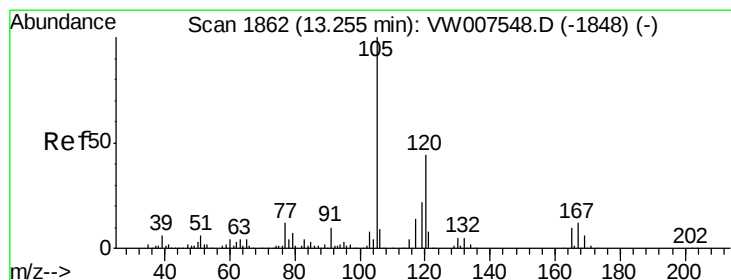
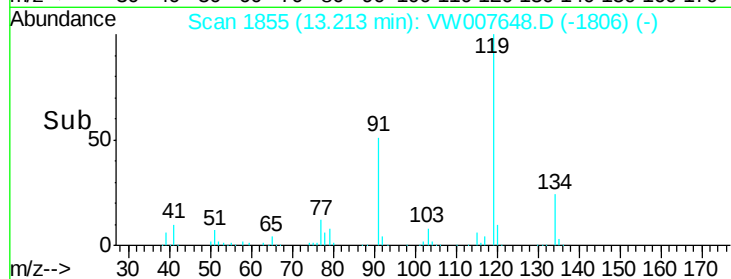
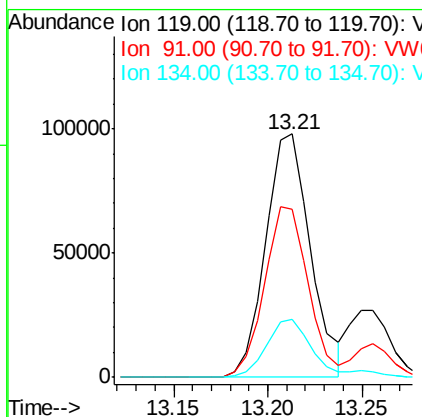
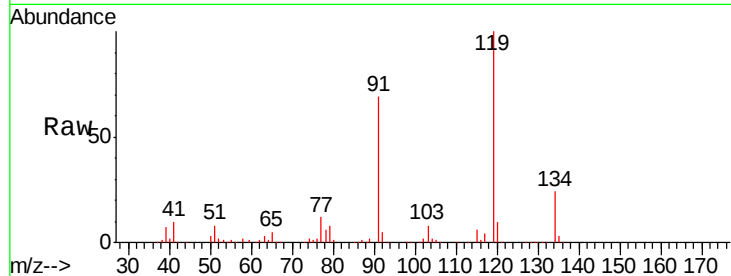
#83
tert-Butylbenzene
Concen: 56.784 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	161865		
91	68.4	33.1	99.2	
134	25.4	12.5	37.5	

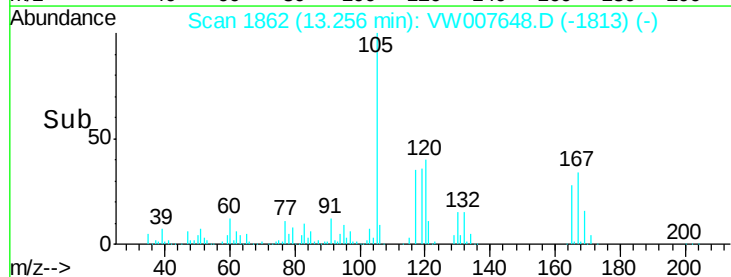
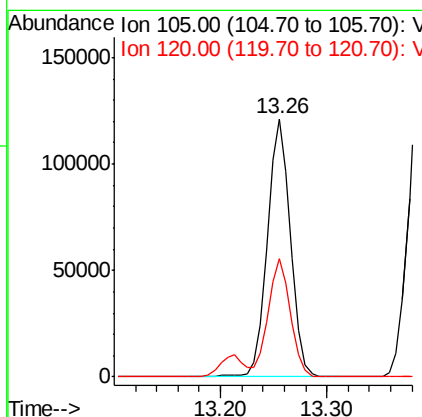
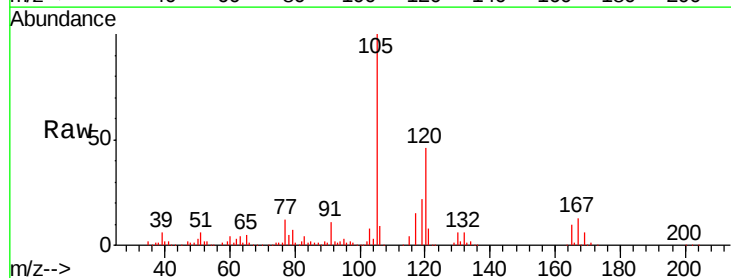
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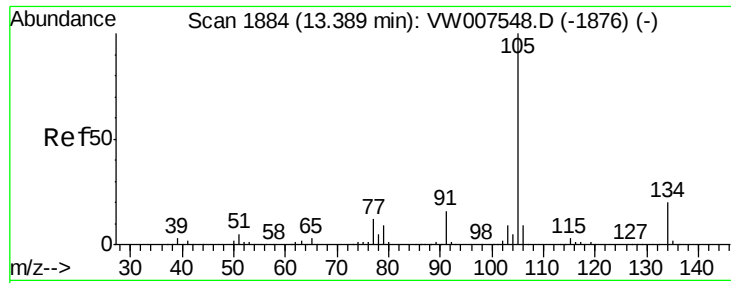
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#84
1,2,4-Trimethylbenzene
Concen: 54.904 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	182776		
120	44.7	22.6	67.7	





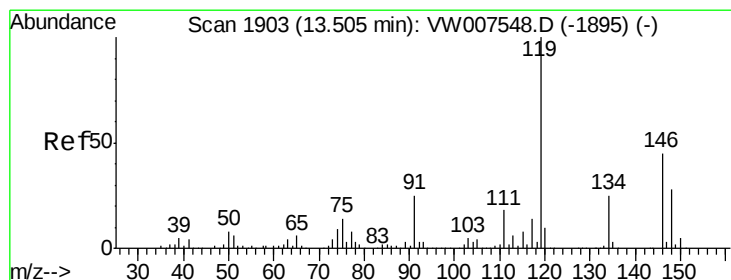
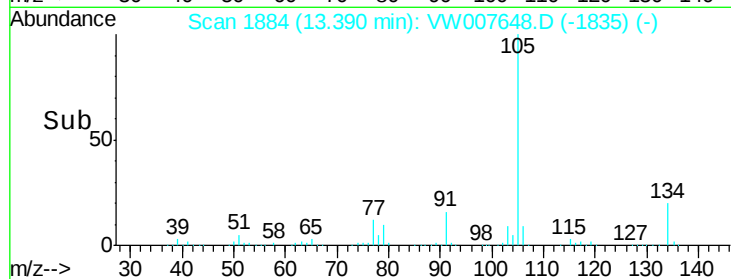
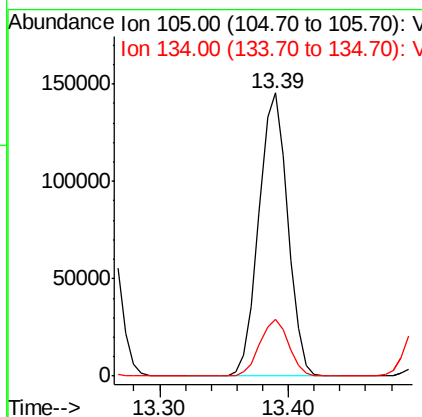
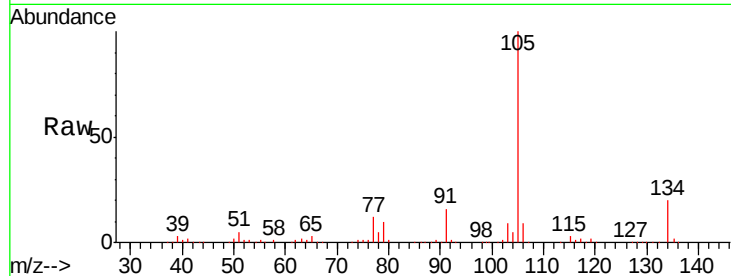
#85
 sec-Butylbenzene
 Concen: 57.910 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 225347
 Ion Ratio Lower Upper
 105 100
 134 20.1 11.1 33.3

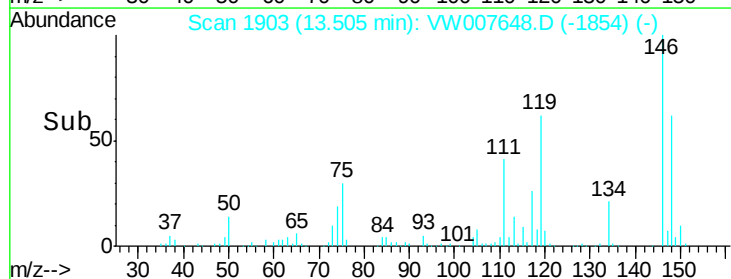
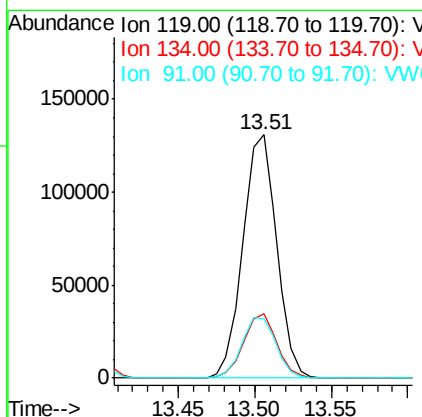
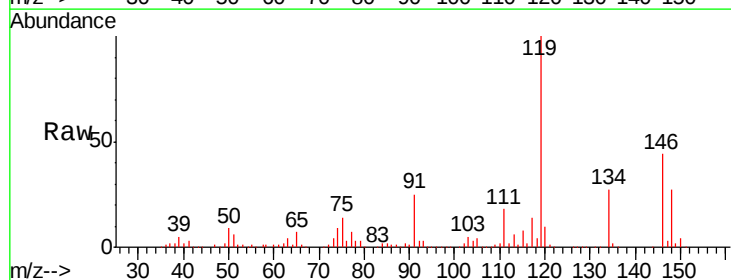
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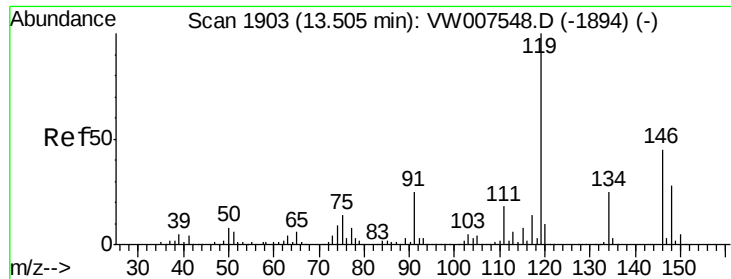
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#86
 p-Isopropyltoluene
 Concen: 57.483 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Tgt Ion:119 Resp: 200951
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 25.4 11.9 35.9





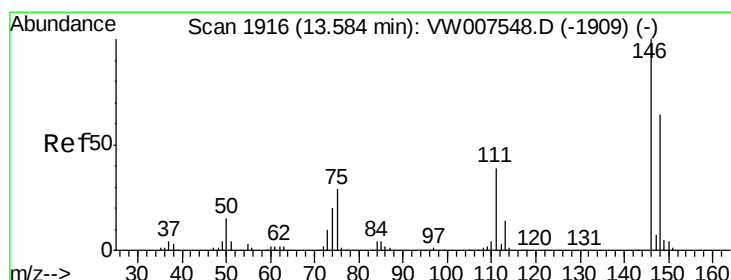
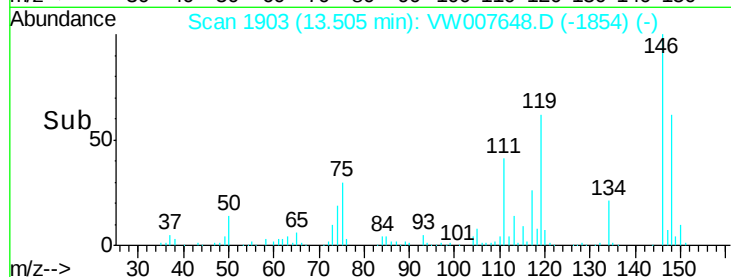
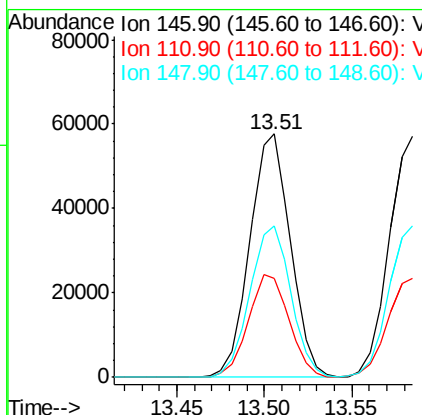
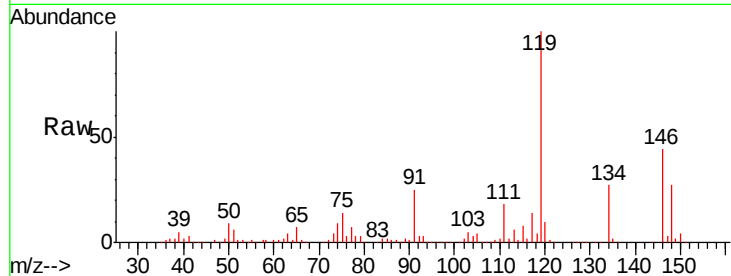
#87
 1,3-Dichlorobenzene
 Concen: 54.738 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.1	60.3
148	62.8	31.4	94.0

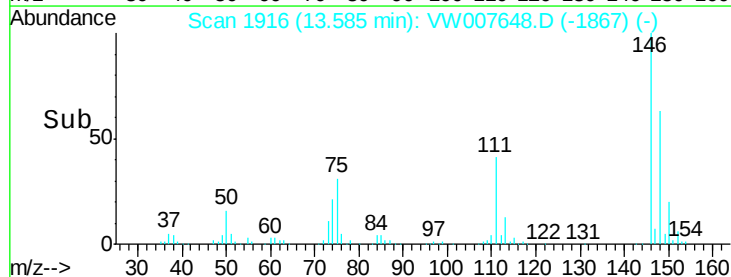
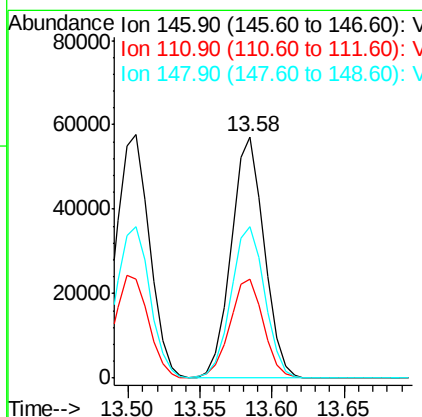
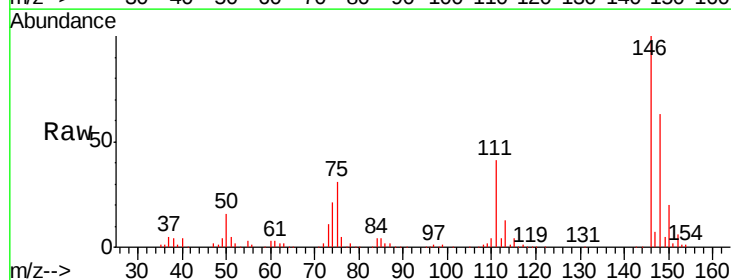
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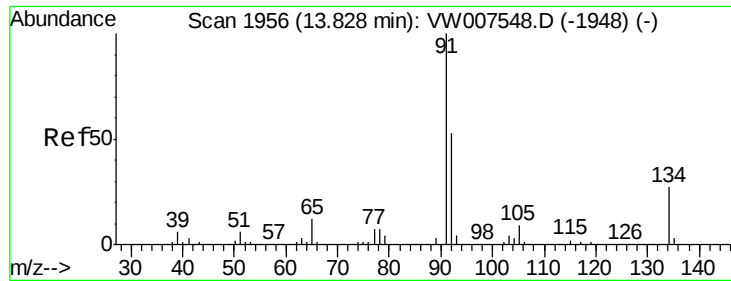
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 53.362 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.3	61.0
148	64.2	33.5	100.5





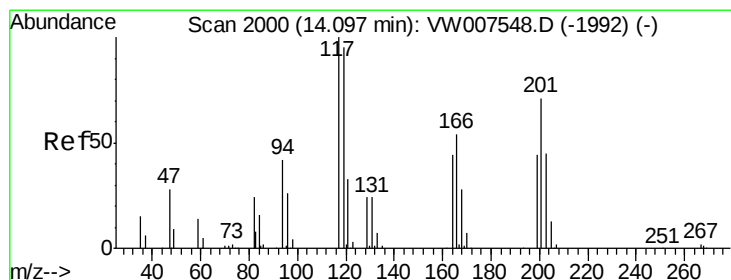
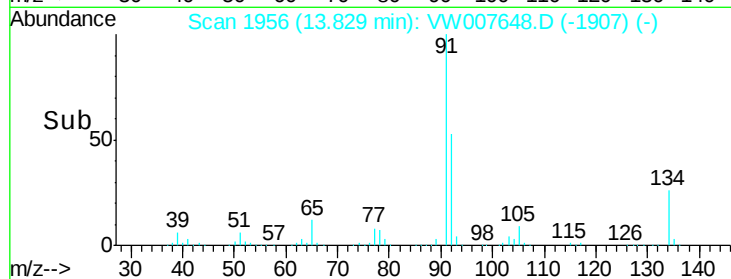
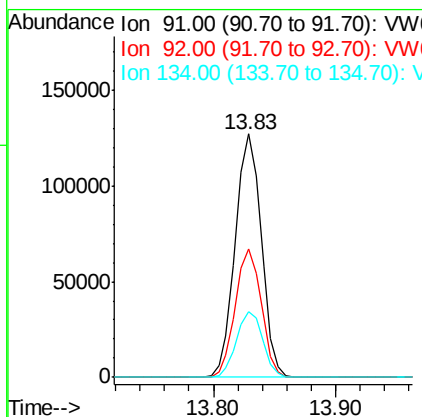
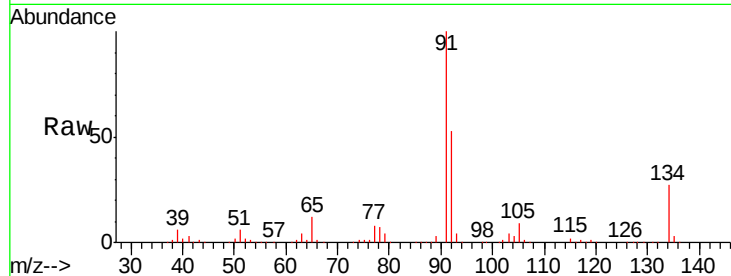
#89
n-Butylbenzene
Concen: 57.692 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 186970
Ion Ratio Lower Upper
91 100
92 53.0 25.7 77.1
134 27.4 13.4 40.2

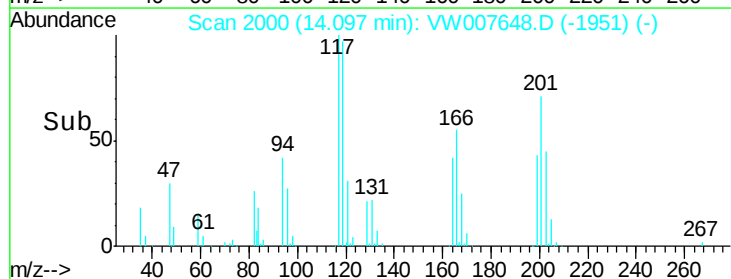
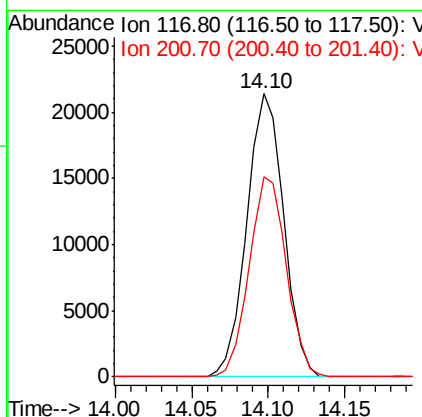
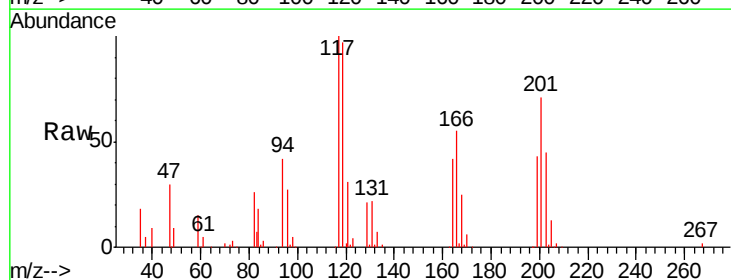
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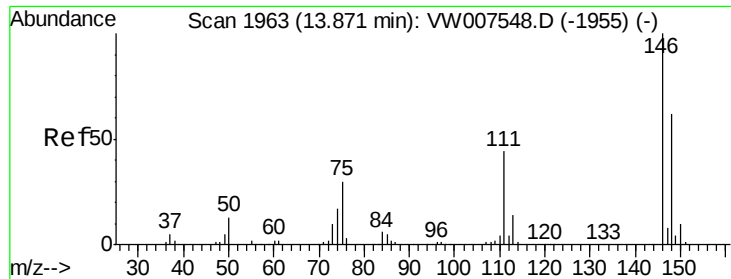
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#90
Hexachloroethane
Concen: 57.677 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion: 117 Resp: 35876
Ion Ratio Lower Upper
117 100
201 71.3 35.3 105.9





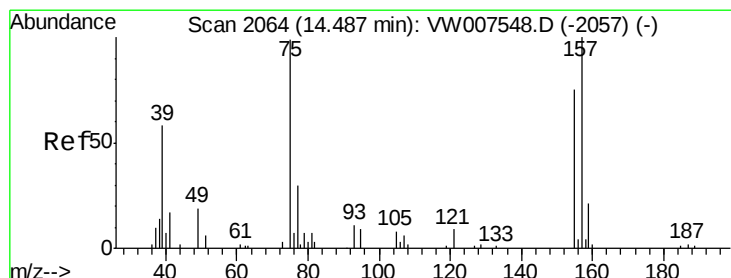
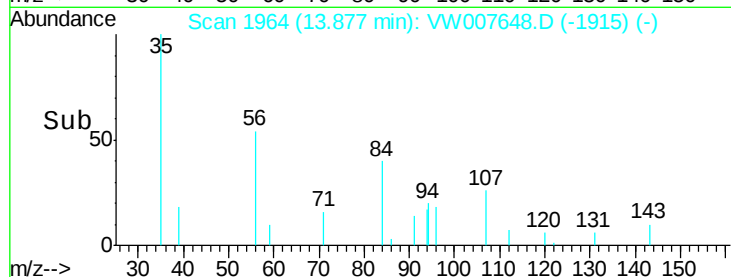
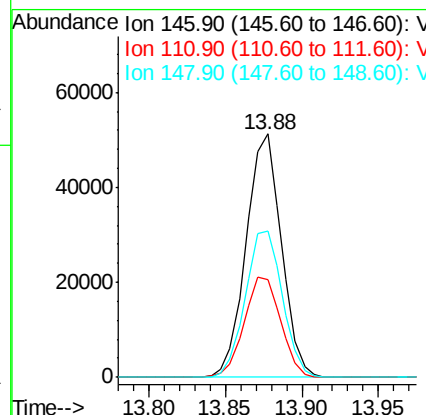
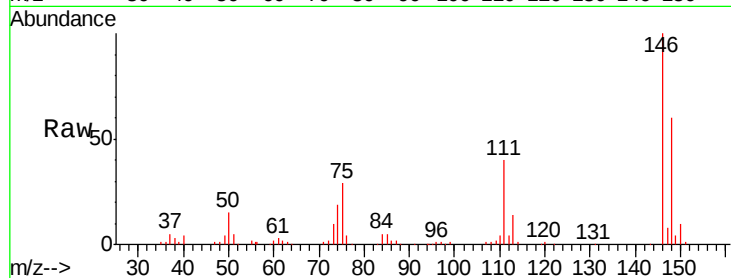
#91
 1,2-Dichlorobenzene
 Concen: 53.770 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.4	67.2
148	63.4	32.4	97.2

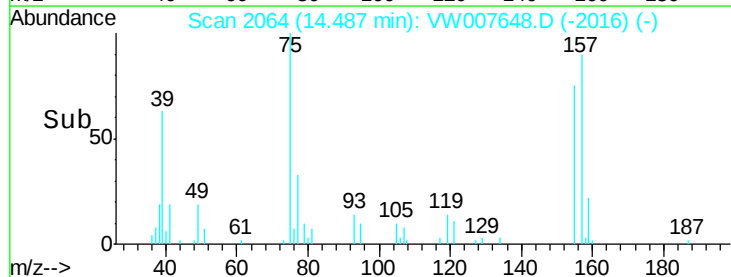
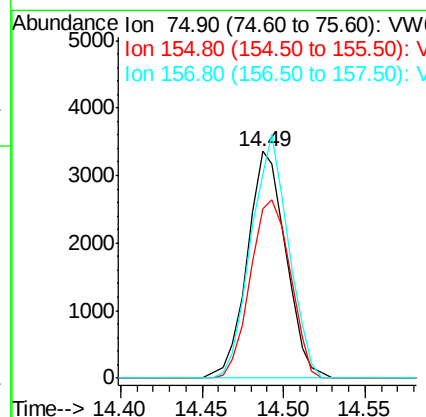
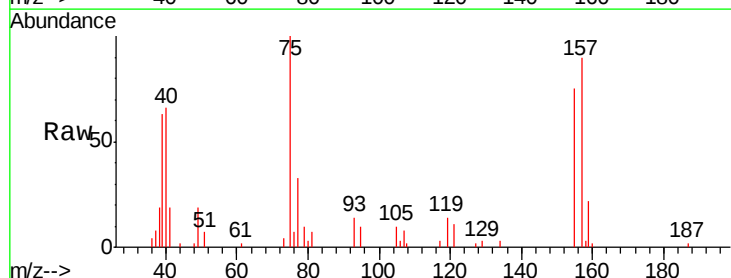
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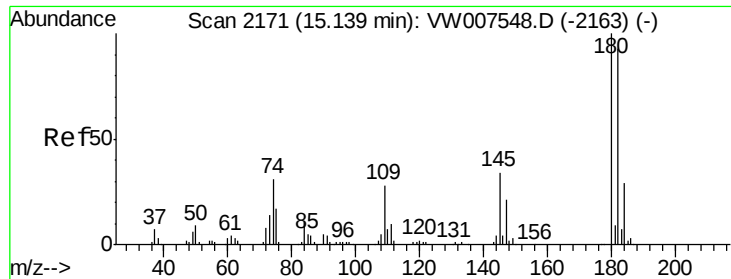
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.245 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007648.D
 Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	40.8	122.2
157	104.1	51.1	153.4





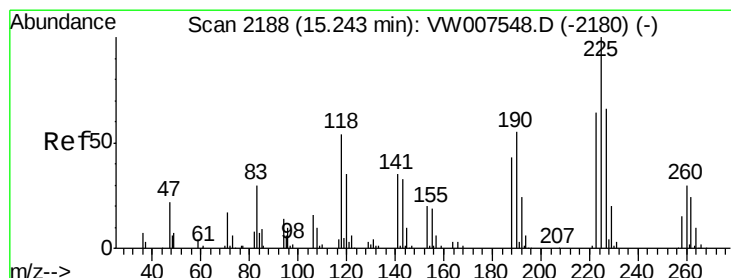
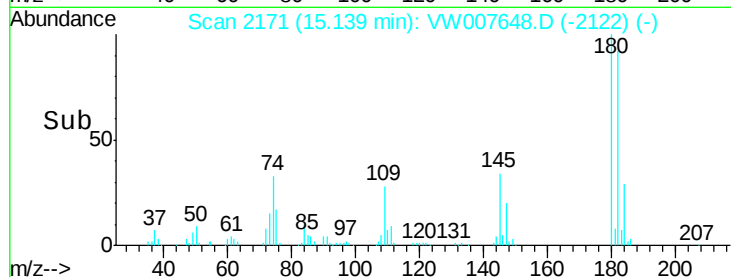
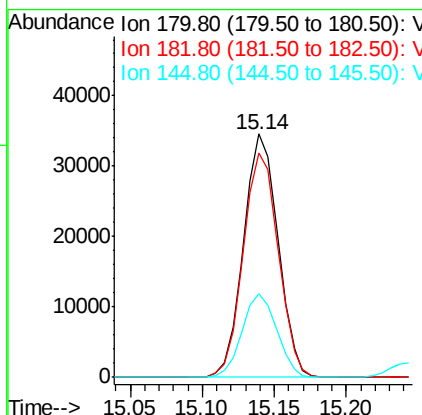
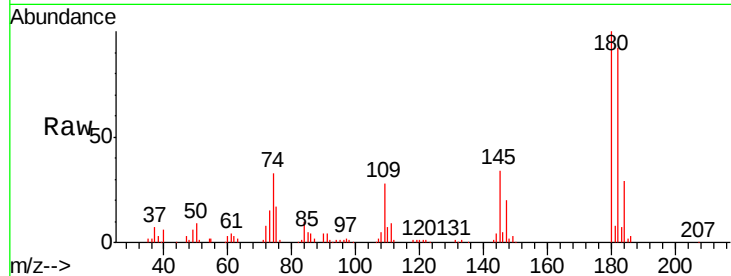
#93
1,2,4-Trichlorobenzene
Concen: 54.504 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	57164		
182	94.1	49.9	149.6	
145	34.7	17.8	53.4	

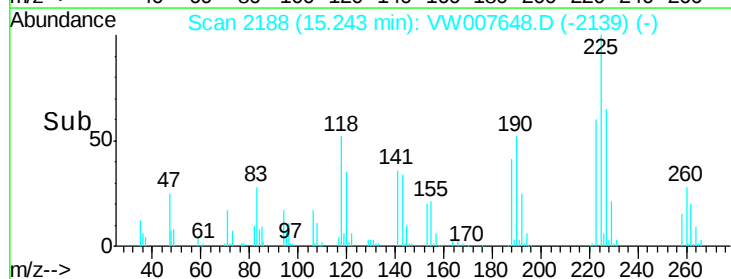
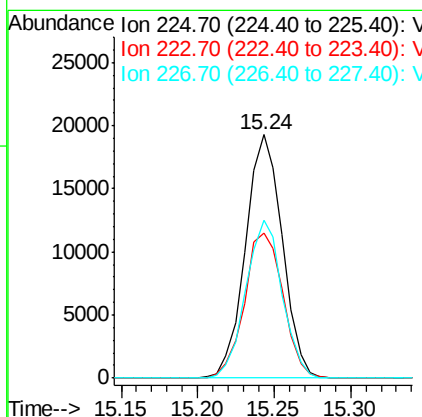
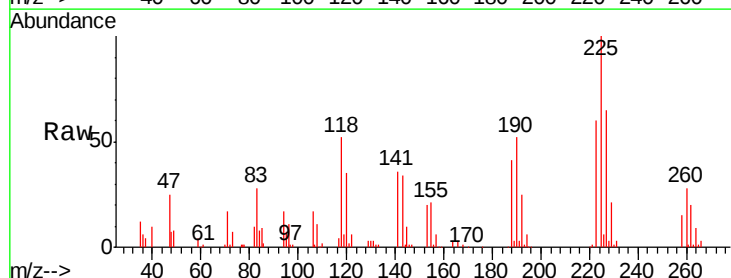
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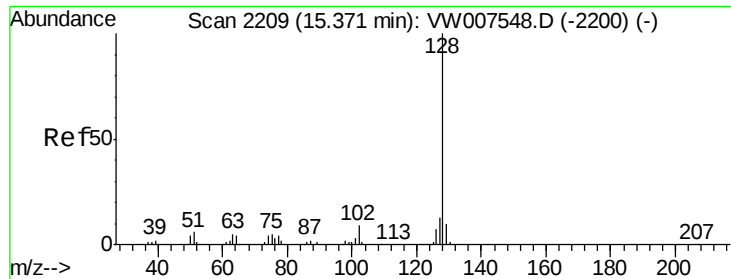
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#94
Hexachlorobutadiene
Concen: 57.998 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32275		
223	62.4	32.1	96.3	
227	64.1	31.9	95.9	





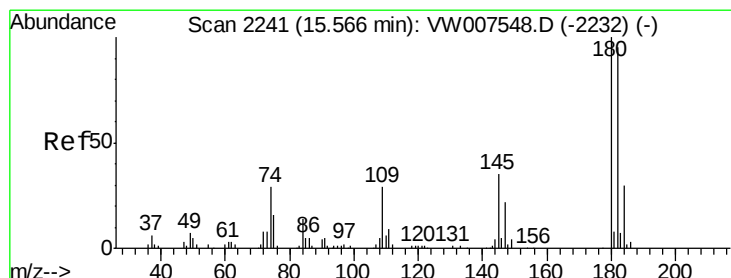
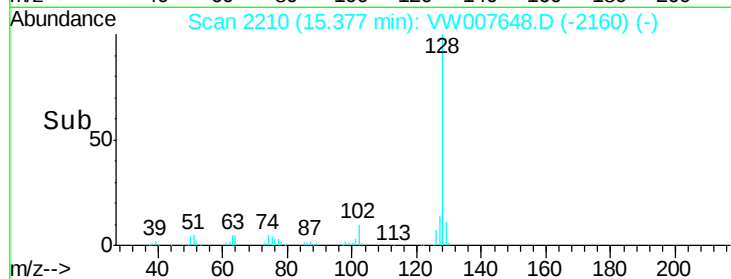
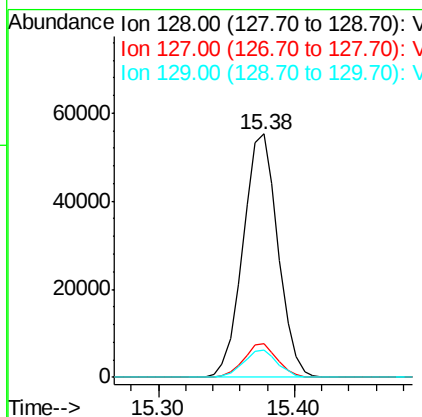
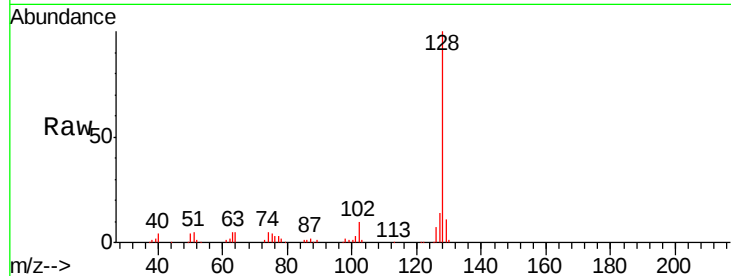
#95
Naphthalene
Concen: 49.385 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	99087		
127	13.2		10.2	15.4
129	11.0		8.3	12.5

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.608 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007648.D
Acq: 18 Dec 2018 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	47930		
182	93.5		45.6	136.7
145	35.4		17.5	52.5

