

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007179.D
 Acq On : 04 Dec 2018 11:02
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 12/5/2018 12:43:26 PM

Quant Time: Dec 05 00:53:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	125202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	189248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90240	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	5750	4.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.86%	
35) Dibromofluoromethane	7.88	113	5169	4.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.54%	
50) Toluene-d8	10.32	98	24768	5.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.38%	
62) 4-Bromofluorobenzene	12.62	95	9561	5.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	7829	5.715	ug/l	97
3) Chloromethane	2.22	50	9413	5.426	ug/l	100
4) Vinyl Chloride	2.35	62	5868	5.403	ug/l	100
5) Bromomethane	2.76	94	3036	5.578	ug/l	96
6) Chloroethane	2.92	64	3265	5.358	ug/l #	88
7) Trichlorofluoromethane	3.26	101	10721	5.063	ug/l	93
8) Diethyl Ether	3.68	74	2596	4.398	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	6553	5.123	ug/l	94
10) Methyl Iodide	4.27	142	5170	4.744	ug/l	97
11) Tert butyl alcohol	5.14	59	5663	41.624	ug/l #	78
12) 1,1-Dichloroethene	4.03	96	6197	5.169	ug/l #	87
13) Acrolein	3.90	56	1924	23.556	ug/l	98
14) Allyl chloride	4.68	41	9453	4.920	ug/l	97
15) Acrylonitrile	5.38	53	5522	22.379	ug/l	98
16) Acetone	4.13	43	6577	23.833	ug/l	99
17) Carbon Disulfide	4.38	76	19578	4.955	ug/l	98
18) Methyl Acetate	4.68	43	2865	4.548	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	13149	4.659	ug/l	93
20) Methylene Chloride	4.92	84	10637	6.482	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	6567	4.906	ug/l	94
22) Diisopropyl ether	6.31	45	16804	4.872	ug/l	97
23) Vinyl Acetate	6.26	43	43088	22.893	ug/l	100
24) 1,1-Dichloroethane	6.21	63	10685	4.833	ug/l	98
25) 2-Butanone	7.18	43	7476	23.371	ug/l	93
26) 2,2-Dichloropropane	7.17	77	11286	5.312	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	6886	4.799	ug/l	95
28) Bromochloromethane	7.51	49	4072	5.108	ug/l	97
29) Tetrahydrofuran	7.54	42	4352	22.016	ug/l	98
30) Chloroform	7.67	83	11116	4.838	ug/l	93
31) Cyclohexane	7.95	56	13465	5.821	ug/l #	78
32) 1,1,1-Trichloroethane	7.87	97	10971	5.074	ug/l	99
36) 1,1-Dichloropropene	8.09	75	9597	5.212	ug/l	99
37) Ethyl Acetate	7.26	43	3378	5.071	ug/l	98
38) Carbon Tetrachloride	8.07	117	9905	5.270	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	13264	5.381	ug/l	96
40) Benzene	8.32	78	25394	5.029	ug/l	98
41) Methacrylonitrile	7.49	41	1704	4.271	ug/l #	77
42) 1,2-Dichloroethane	8.40	62	6955	4.928	ug/l	98
43) Isopropyl Acetate	8.43	43	6051	4.677	ug/l	96
44) Trichloroethene	9.09	130	7209	5.079	ug/l	97
45) 1,2-Dichloropropane	9.37	63	6081	5.175	ug/l	99
46) Dibromomethane	9.46	93	2950	4.831	ug/l	97
47) Bromodichloromethane	9.65	83	7715	4.804	ug/l	96
48) Methyl methacrylate	9.44	41	2980	4.438	ug/l	94
49) 1,4-Dioxane	9.45	88	1083	101.535	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	15166	23.789	ug/l	100
52) Toluene	10.39	92	18184	5.177	ug/l	95
53) t-1,3-Dichloropropene	10.60	75	7947	4.921	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	9226	4.875	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	4234	4.875	ug/l	92
56) Ethyl methacrylate	10.65	69	5301	4.679	ug/l	98
57) 1,3-Dichloropropane	10.93	76	7255	4.948	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	11301	24.835	ug/l	97
59) 2-Hexanone	10.97	43	10947	23.687	ug/l	98
60) Dibromochloromethane	11.13	129	5121	4.797	ug/l	95
61) 1,2-Dibromoethane	11.24	107	3932	4.720	ug/l	100
64) Tetrachloroethene	10.87	164	6772	5.277	ug/l	95
65) Chlorobenzene	11.66	112	19862	5.063	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	5881	4.854	ug/l	97
67) Ethyl Benzene	11.73	91	37299	5.217	ug/l	97
68) m/p-Xylenes	11.84	106	28915	10.309	ug/l	98
69) o-Xylene	12.17	106	13409	5.117	ug/l	99
70) Styrene	12.18	104	22026	5.134	ug/l	99
71) Bromoform	12.35	173	2647	4.365	ug/l #	98
73) Isopropylbenzene	12.47	105	37192	5.067	ug/l	99
74) N-amyl acetate	12.27	43	5987	4.601	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	4497	4.718	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	2682m	2.211	ug/l	
77) Bromobenzene	12.75	156	8011	5.057	ug/l	96
78) n-propylbenzene	12.81	91	46102	5.272	ug/l	97
79) 2-Chlorotoluene	12.90	91	25578	5.180	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	32524	5.180	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	1438	4.436	ug/l	92
82) 4-Chlorotoluene	12.99	91	26573	5.059	ug/l	99
83) tert-Butylbenzene	13.21	119	28565	5.206	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	33924	5.293	ug/l	100
85) sec-Butylbenzene	13.39	105	40642	5.188	ug/l	97
86) p-Isopropyltoluene	13.51	119	36746	5.270	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	16893	5.194	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	17074	5.197	ug/l	95
89) n-Butylbenzene	13.83	91	33916	5.205	ug/l	99
90) Hexachloroethane	14.09	117	5299	4.987	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	14264	5.066	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	831	4.500	ug/l	94

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ClientSampleId :
VSTDICC005

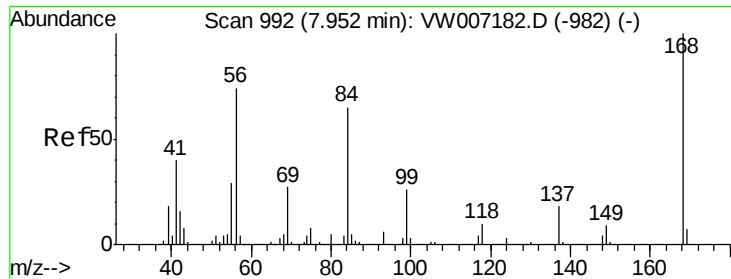
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	9843	5.045	ug/l	97
94) Hexachlorobutadiene	15.24	225	5328	5.064	ug/l	96
95) Naphthalene	15.38	128	16197	4.632	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	8336	5.067	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 168 Resp: 125202

Ion Ratio Lower Upper

168 100

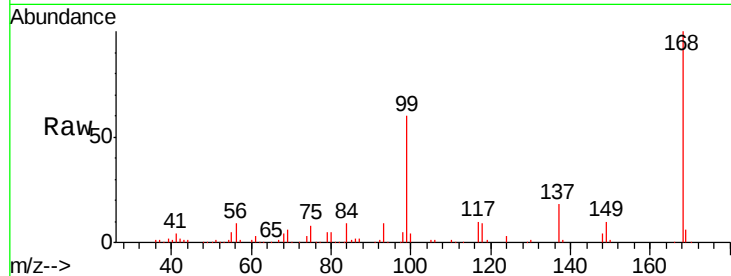
99 59.6 47.8 71.8

Manual Integrations

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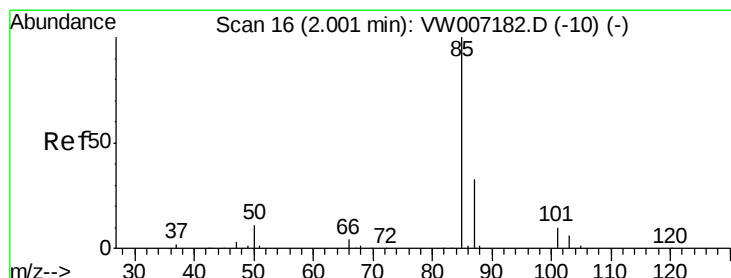
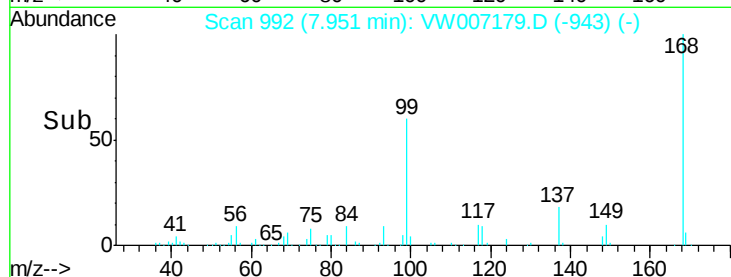
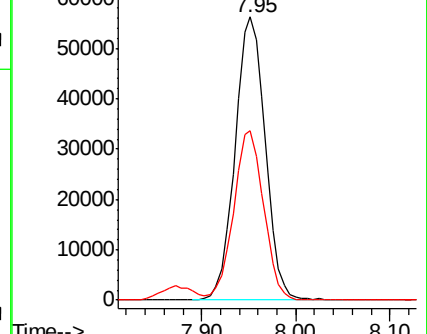
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 5.715 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007179.D

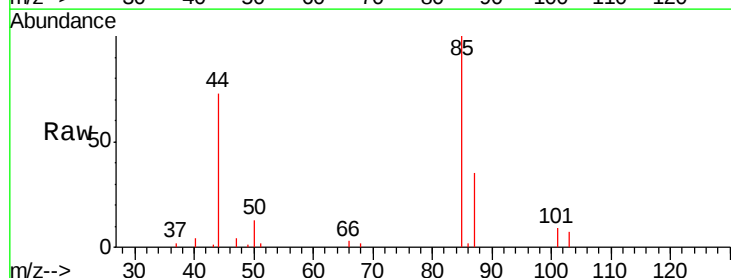
Acq: 04 Dec 2018 11:02

Tgt Ion: 85 Resp: 7829

Ion Ratio Lower Upper

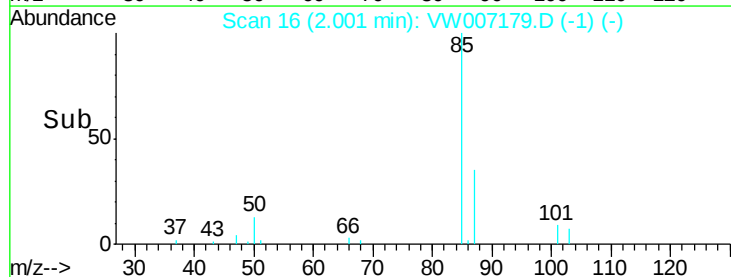
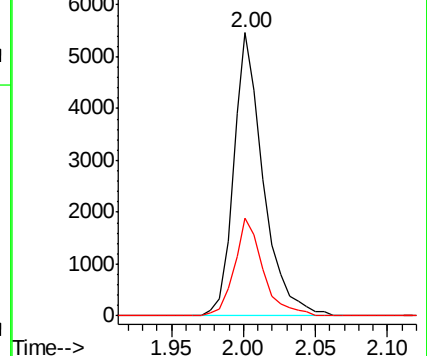
85 100

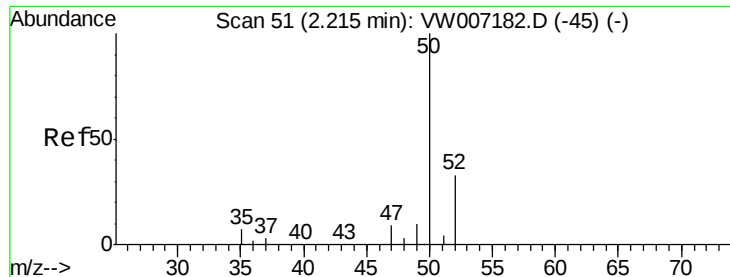
87 34.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 5.426 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 9413

Ion Ratio Lower Upper

50 100

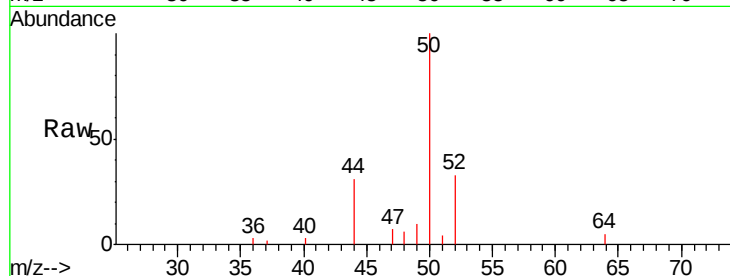
52 32.8 26.2 39.2

Manual Integrations

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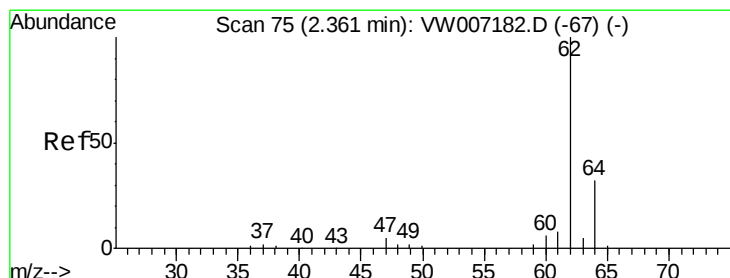
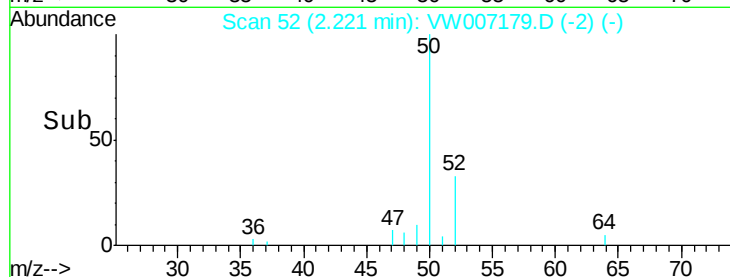
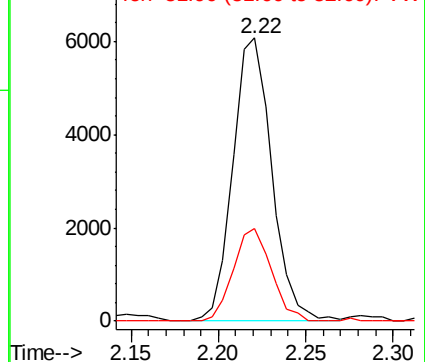
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 5.403 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007179.D

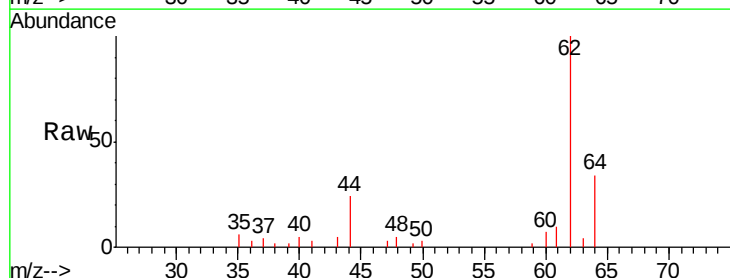
Acq: 04 Dec 2018 11:02

Tgt Ion: 62 Resp: 5868

Ion Ratio Lower Upper

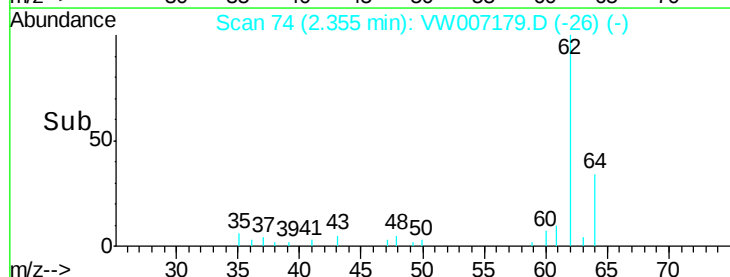
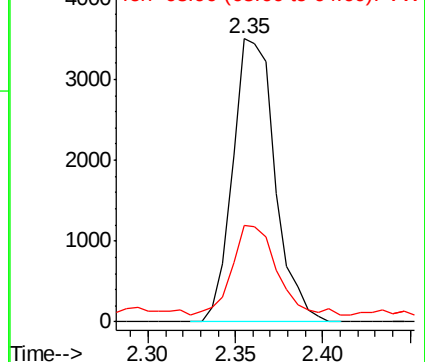
62 100

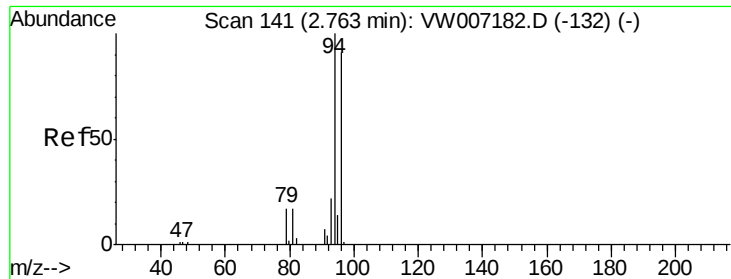
64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 5.578 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 3036

Ion Ratio Lower Upper

94 100

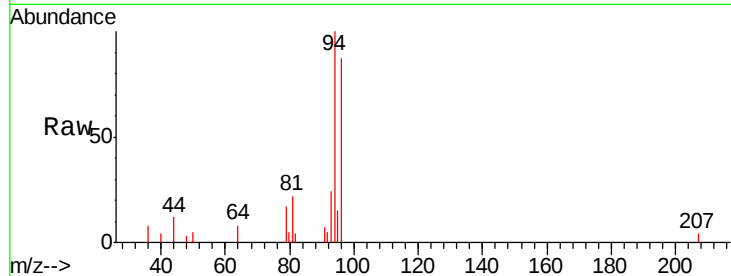
96 87.0 72.8 109.2

Manual Integrations

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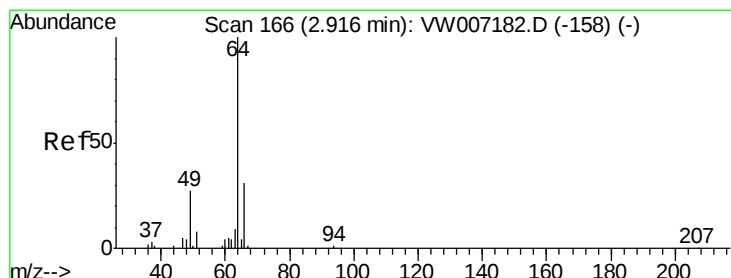
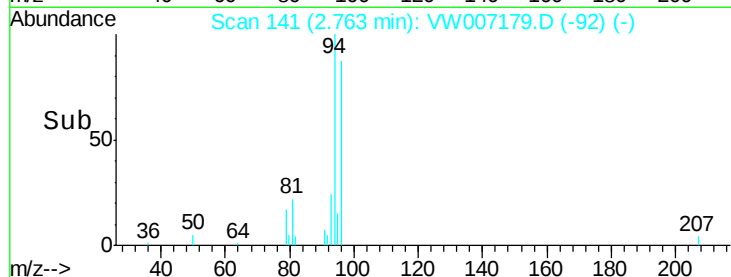
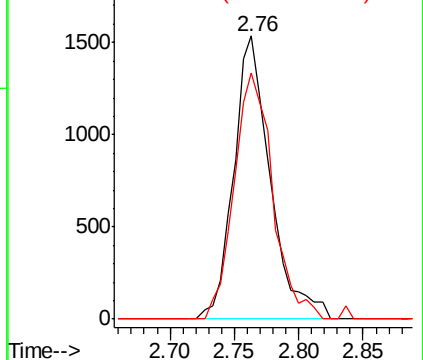
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 5.358 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007179.D

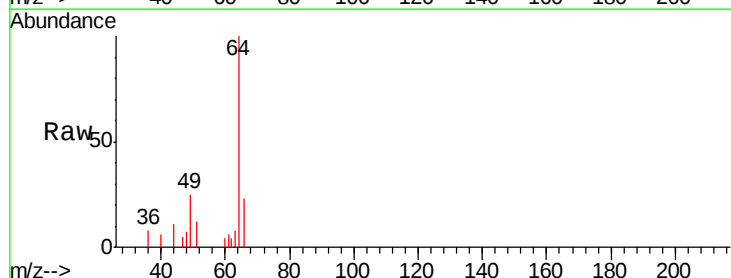
Acq: 04 Dec 2018 11:02

Tgt Ion: 64 Resp: 3265

Ion Ratio Lower Upper

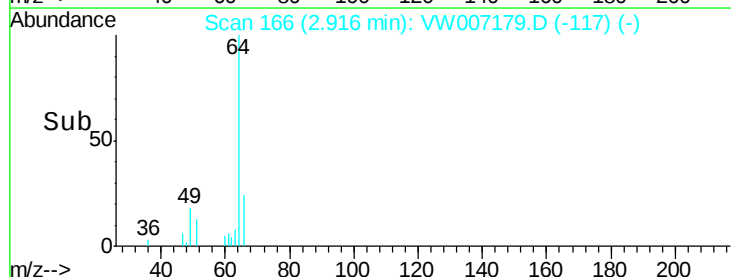
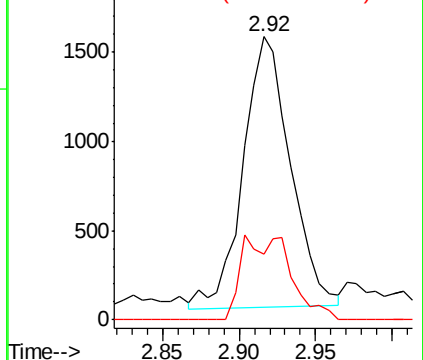
64 100

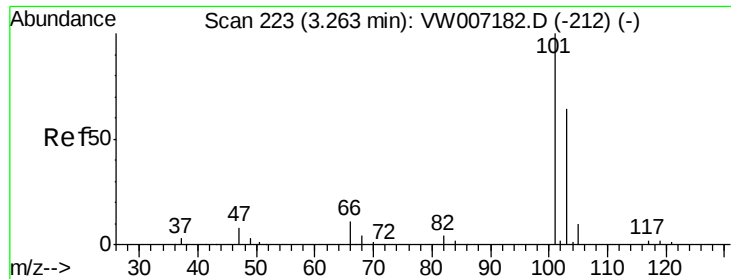
66 24.5 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

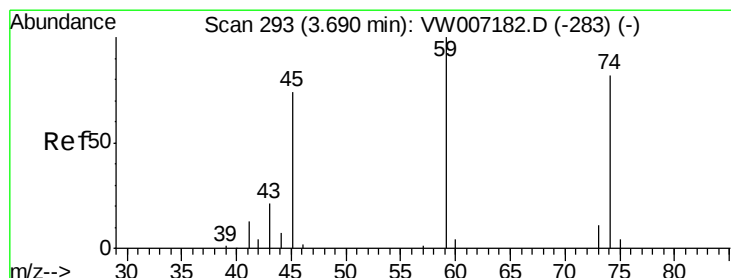
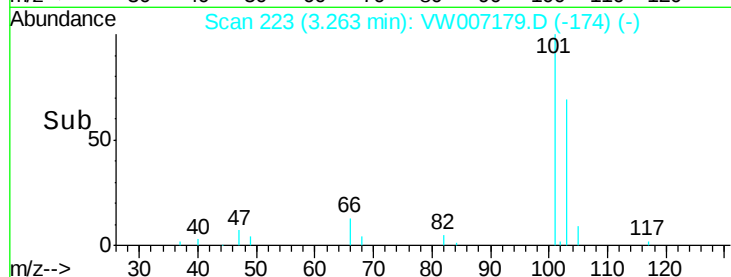
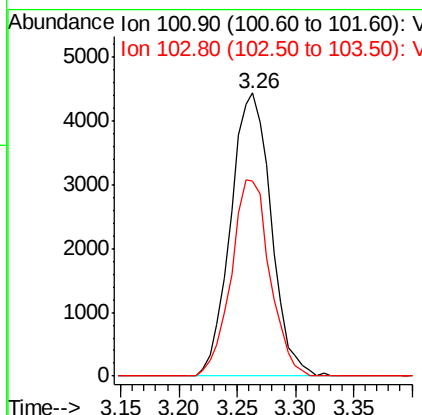
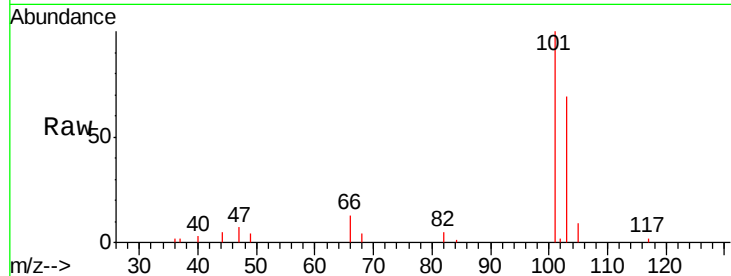
Trichlorofluoromethane
Concen: 5.063 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

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VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	68.8	50.9	76.3

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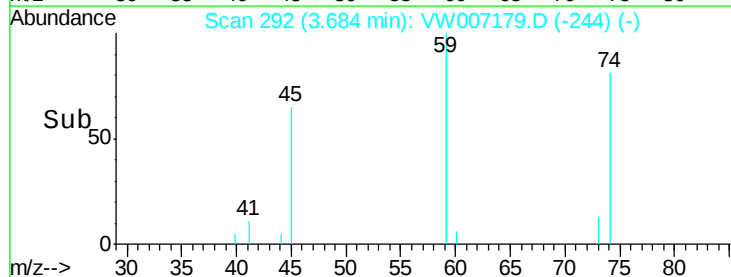
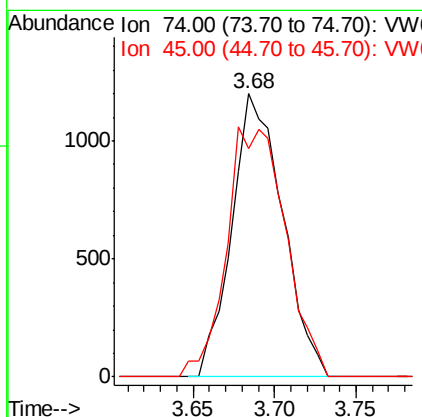
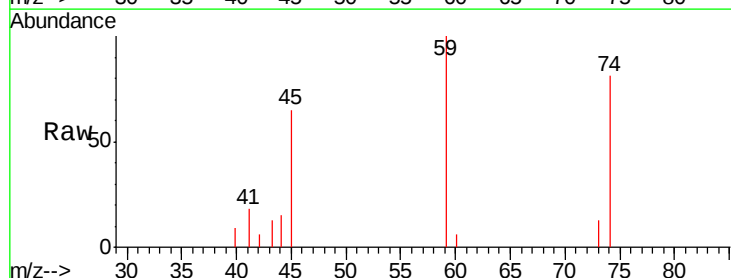
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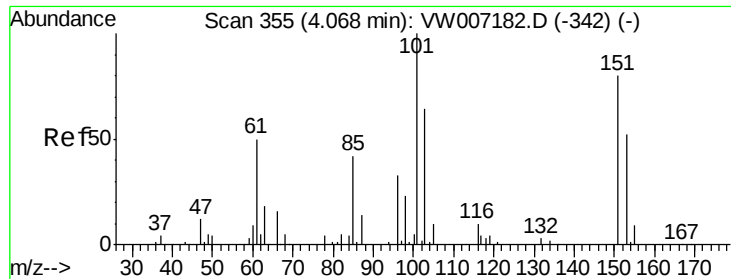


#8

Diethyl Ether
Concen: 4.398 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.123 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

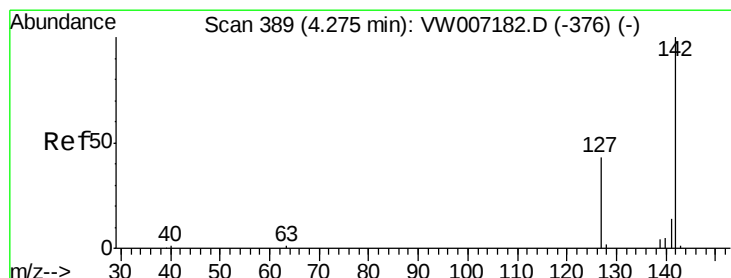
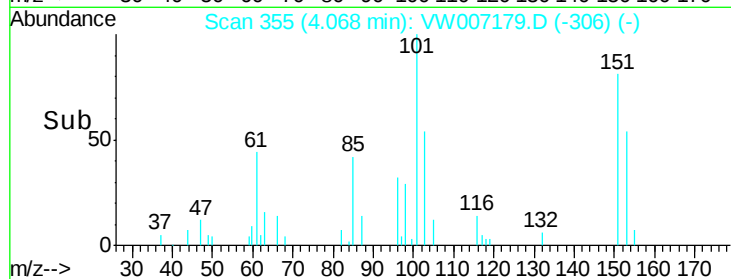
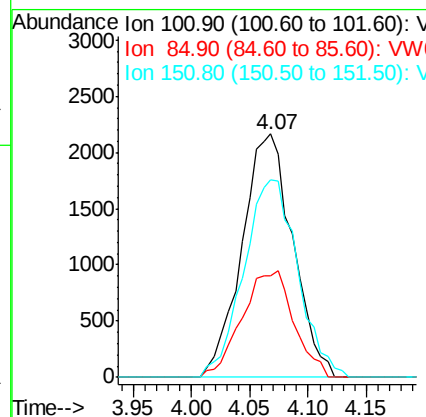
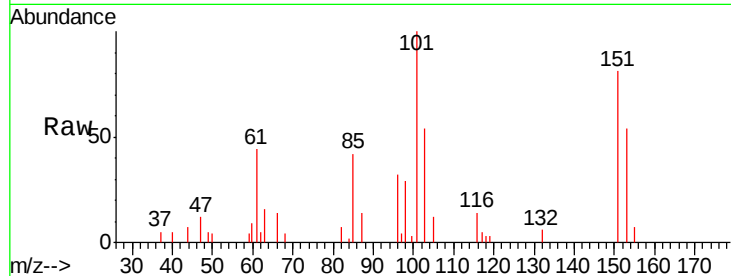
ClientSampleId :

VSTDIC005

Tgt Ion:	101	Resp:	6553
Ion Ratio	Lower	Upper	
101	100		
85	44.7	33.4	50.2
151	85.9	63.9	95.9

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#10

Methyl Iodide

Concen: 4.744 ug/l

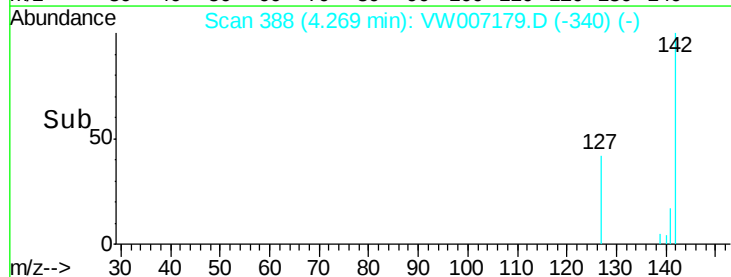
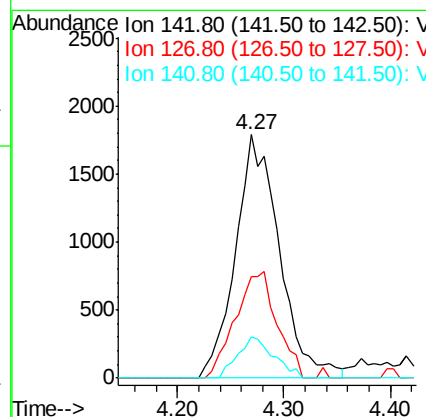
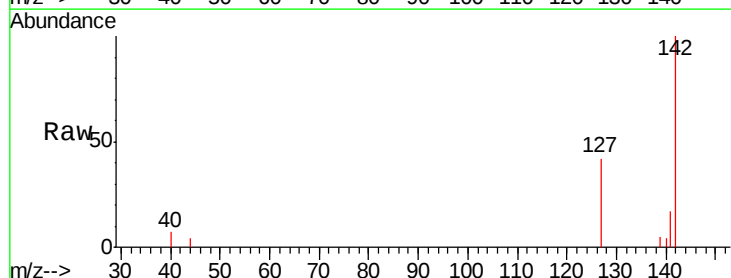
RT: 4.27 min Scan# 388

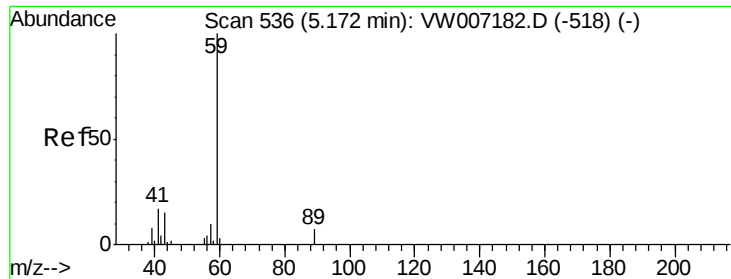
Delta R.T. -0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Tgt Ion:	142	Resp:	5170
Ion Ratio	Lower	Upper	
142	100		
127	41.3	34.9	52.3
141	14.0	11.7	17.5





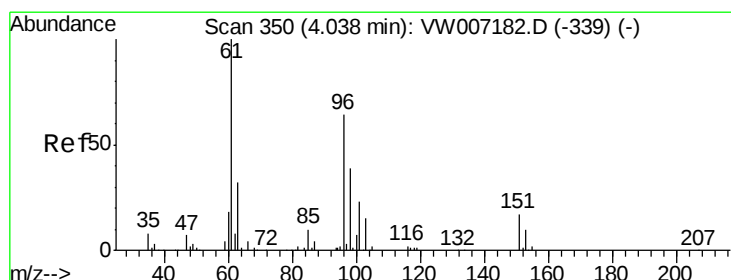
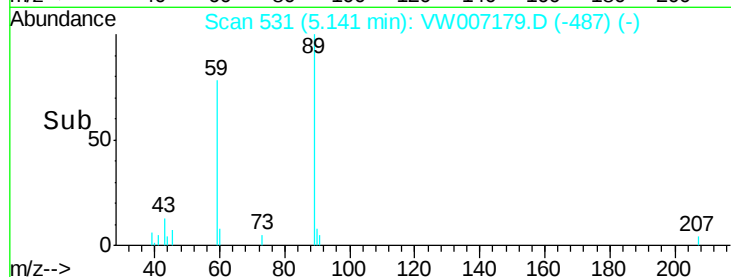
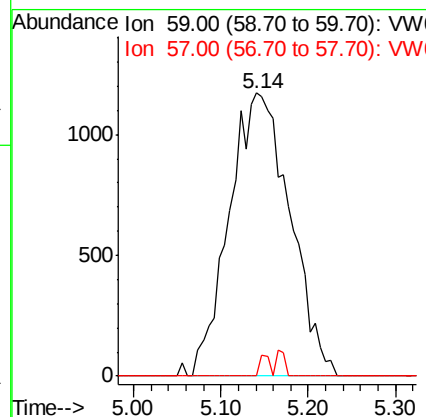
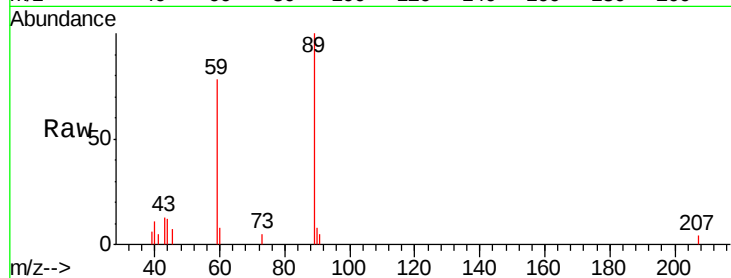
#11
Tert butyl alcohol
Concen: 41.624 ug/l
RT: 5.14 min Scan# 531
Delta R.T. -0.03 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 5663
Ion Ratio Lower Upper
59 100
57 1.1 7.1 10.7#

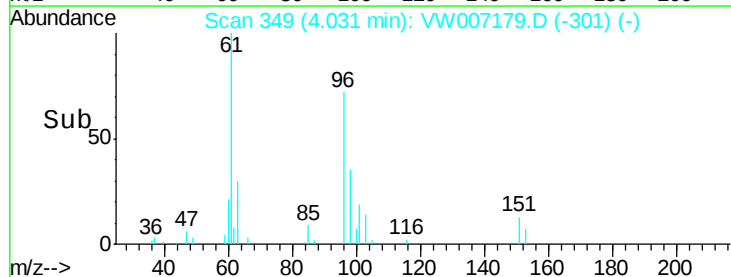
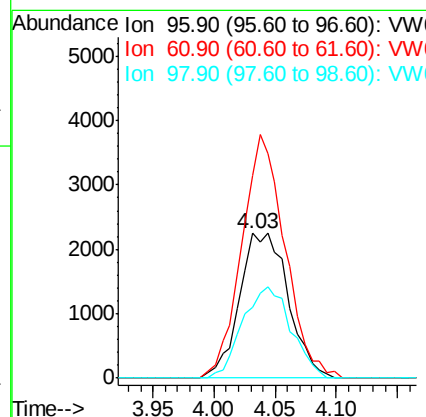
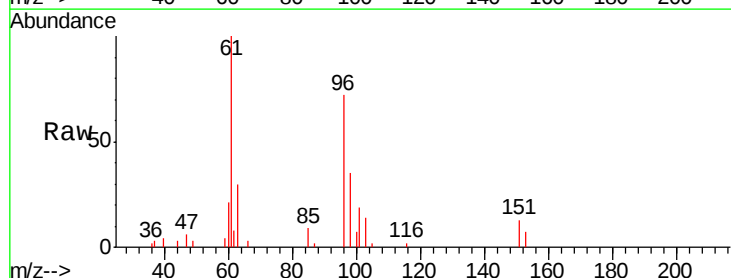
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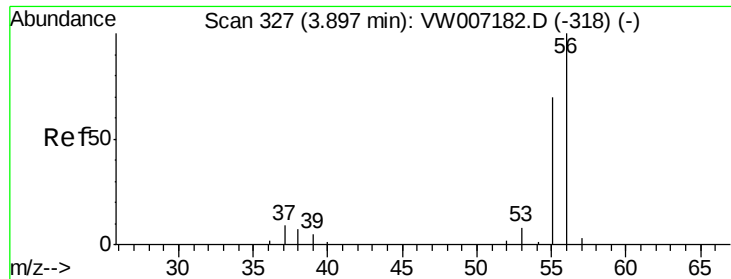
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#12
1,1-Dichloroethene
Concen: 5.169 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion: 96 Resp: 6197
Ion Ratio Lower Upper
96 100
61 139.8 124.1 186.1
98 48.6 48.6 72.8#





#13

Acrolein

Concen: 23.556 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 1924

Ion Ratio Lower Upper

56 100

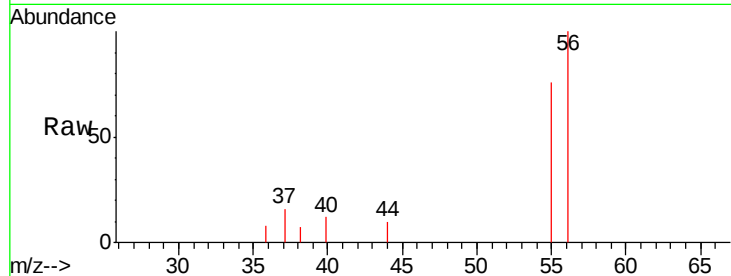
55 69.5 56.9 85.3

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

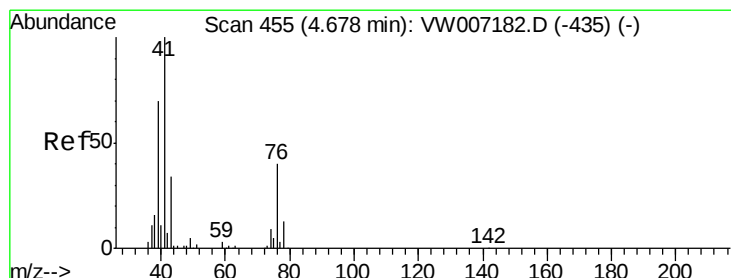
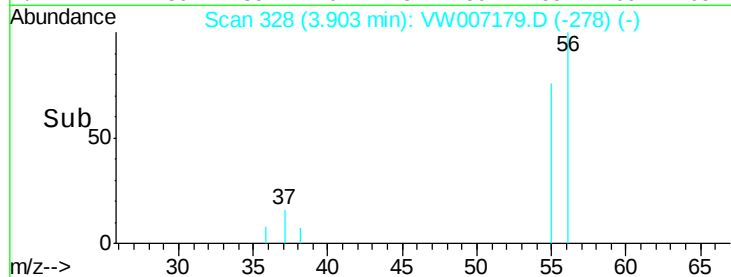
600

400

200

0

Time-->



#14

Allyl chloride

Concen: 4.920 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

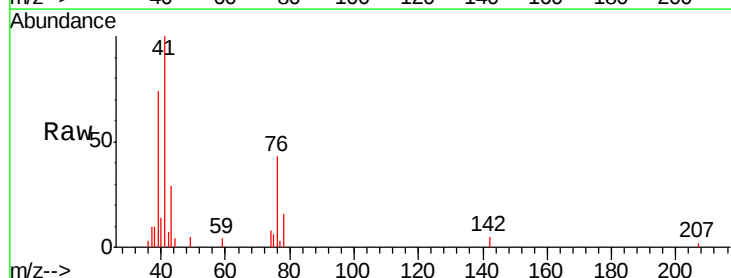
Tgt Ion: 41 Resp: 9453

Ion Ratio Lower Upper

41 100

39 72.9 55.9 83.9

76 37.9 30.8 46.2



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.68

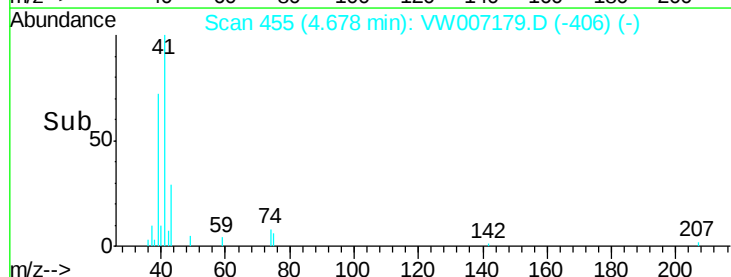
3000

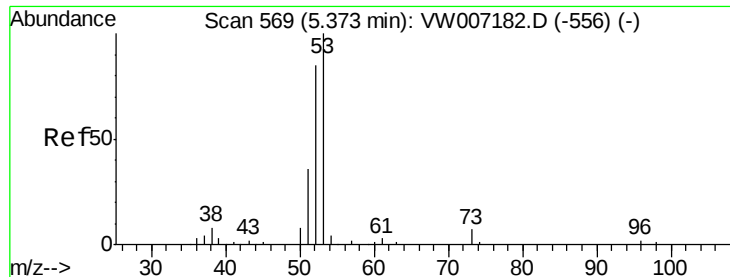
2000

1000

0

Time-->





#15

Acrylonitrile

Concen: 22.379 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

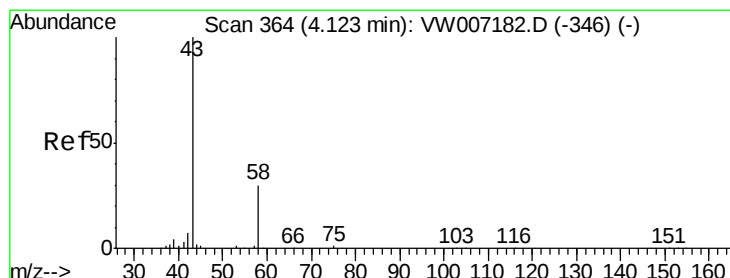
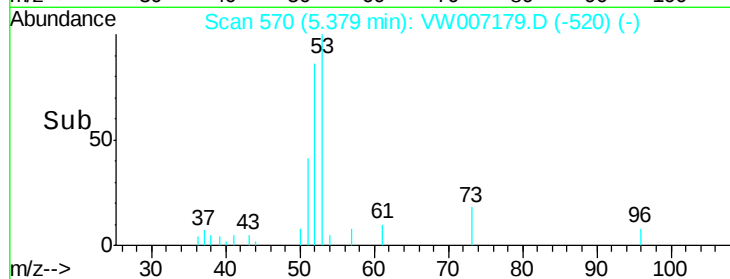
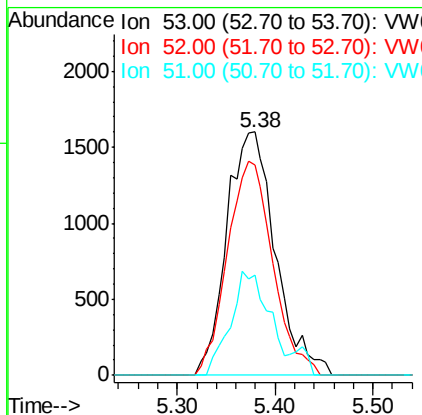
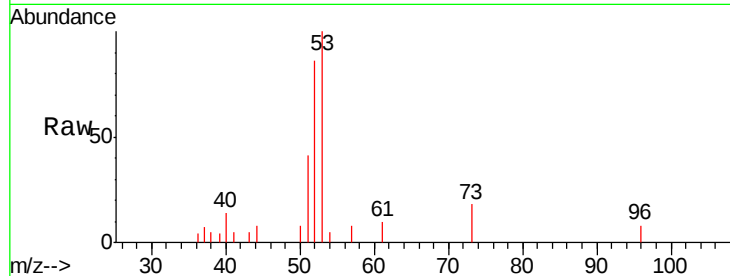
ClientSampleId :

VSTDIC005

Tgt Ion:	53	Resp:	5522
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.1	99.1
51	34.4	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 23.833 ug/l

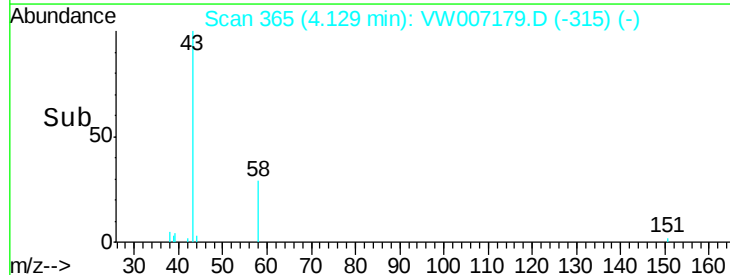
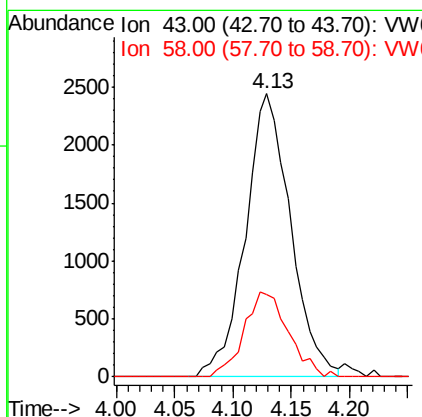
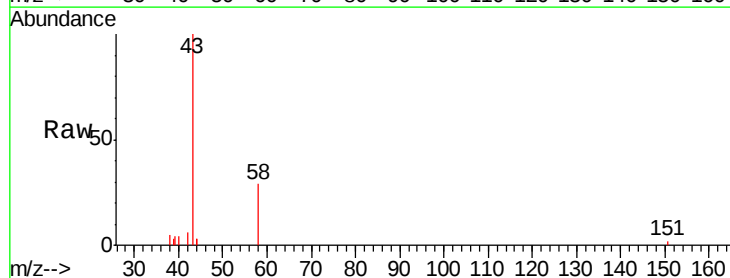
RT: 4.13 min Scan# 365

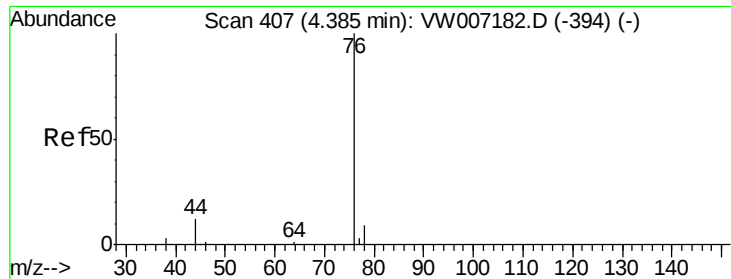
Delta R.T. 0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Tgt Ion:	43	Resp:	6577
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.8	35.8





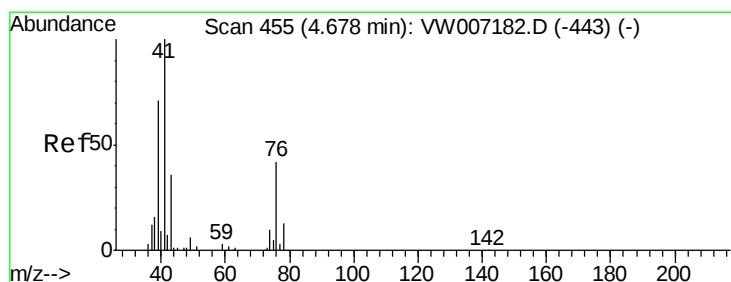
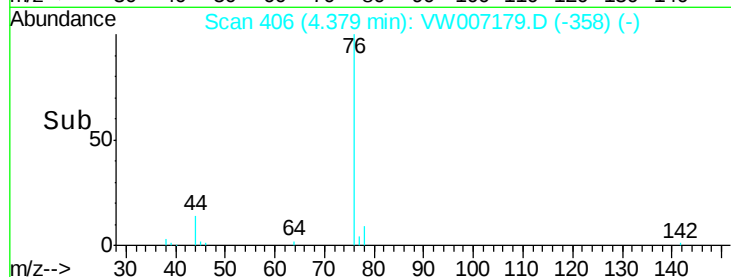
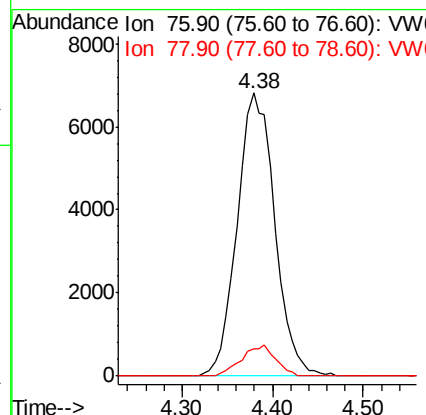
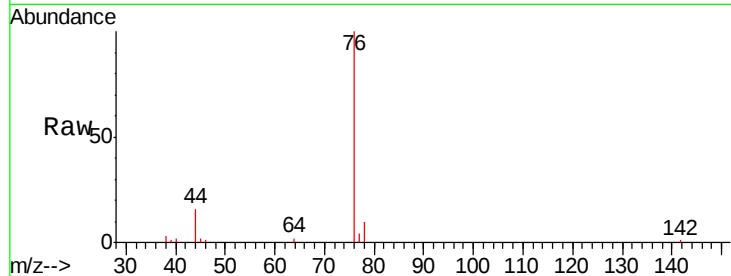
#17
Carbon Disulfide
Concen: 4.955 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.2	10.8

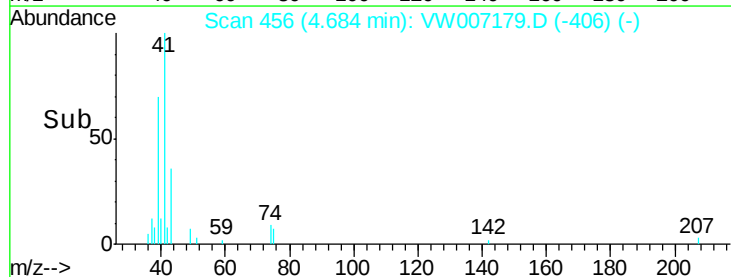
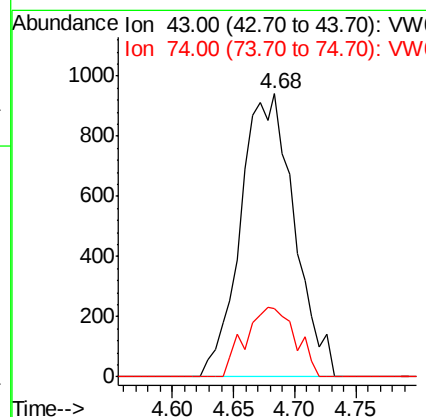
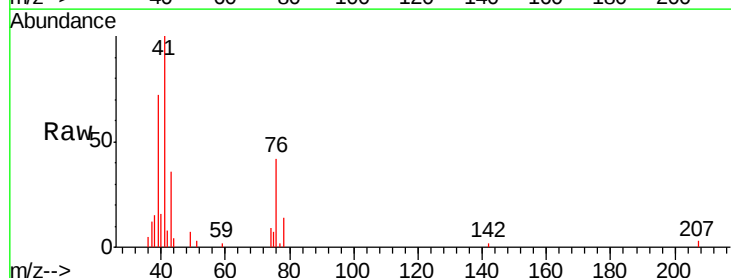
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#18
Methyl Acetate
Concen: 4.548 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	20.1	30.1





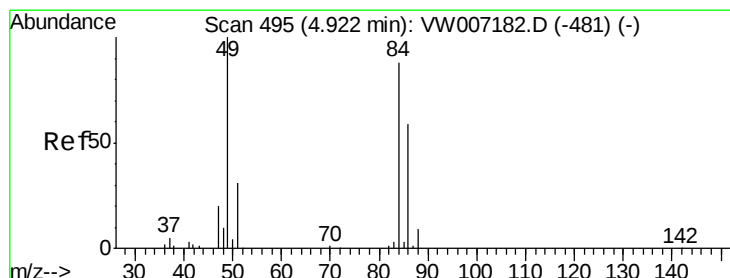
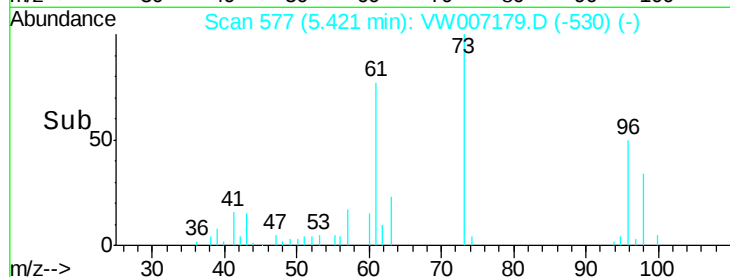
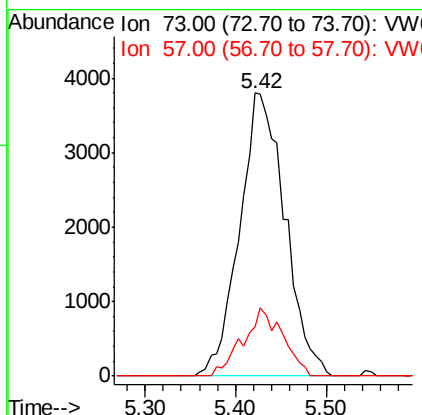
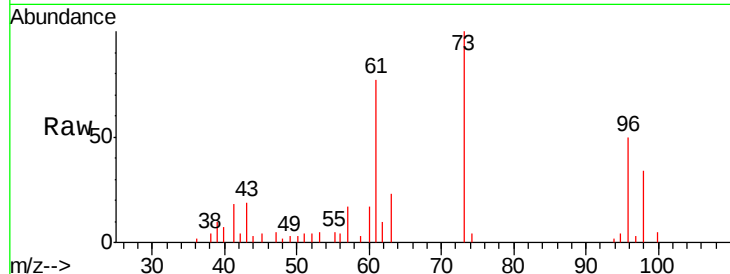
#19
Methyl tert-butyl Ether
Concen: 4.659 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 13149
Ion Ratio Lower Upper
73 100
57 17.4 16.6 25.0

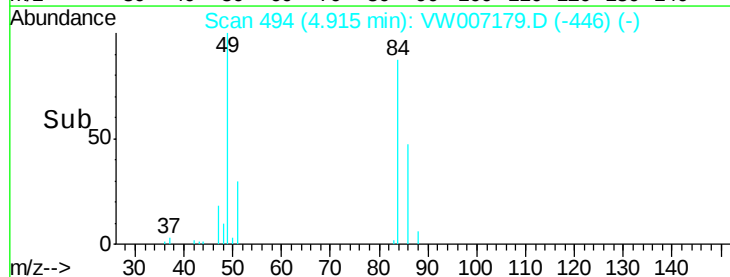
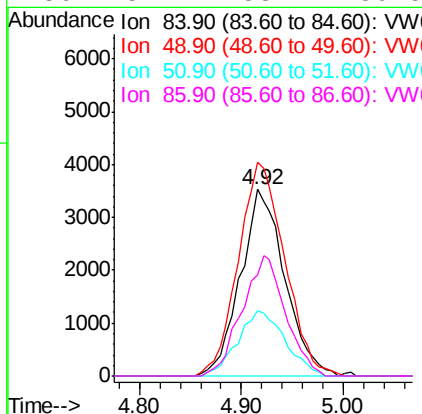
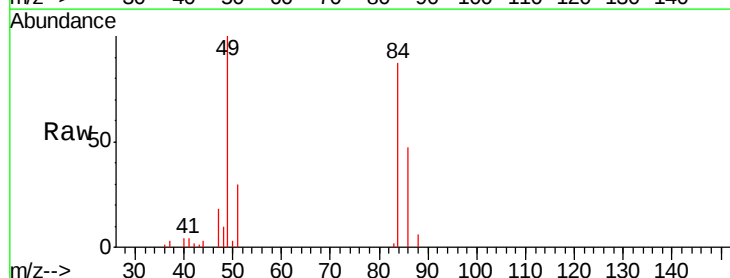
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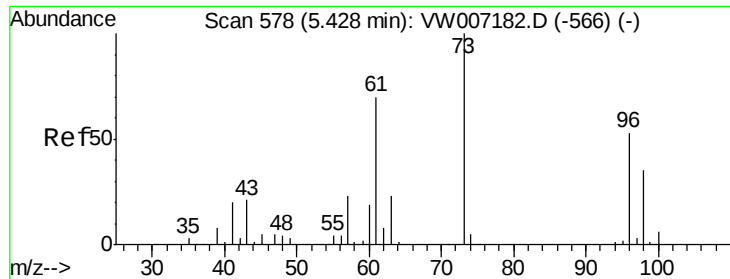
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#20
Methylene Chloride
Concen: 6.482 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion: 84 Resp: 10637
Ion Ratio Lower Upper
84 100
49 114.3 90.6 135.8
51 34.7 27.6 41.4
86 54.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 4.906 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

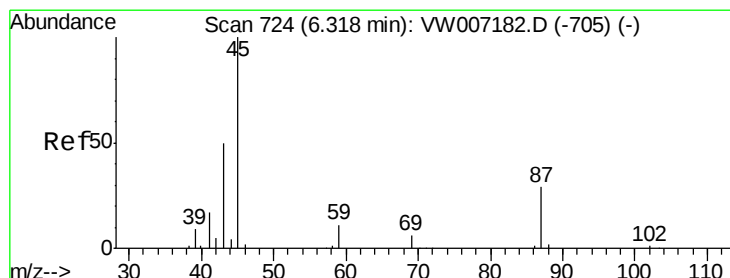
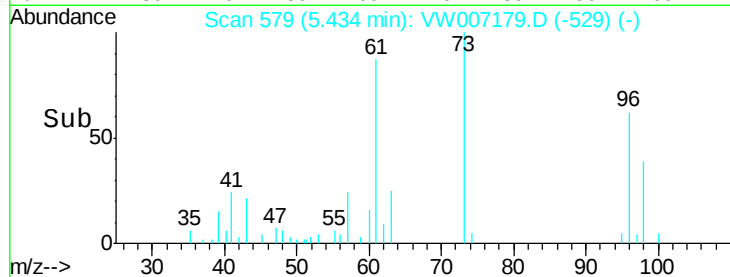
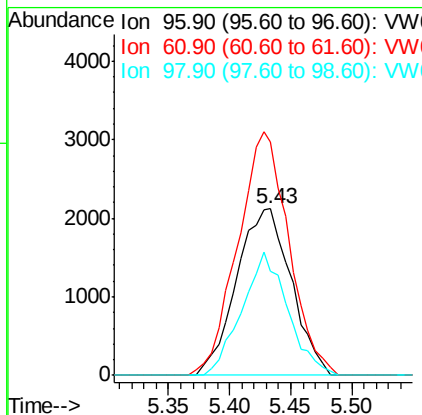
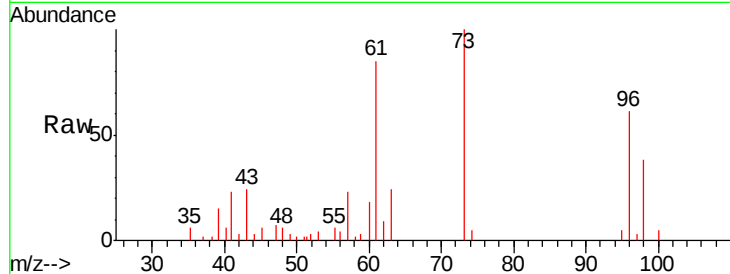
ClientSampleId :

VSTDIC005

Tgt Ion:	96	Resp:	6567
Ion	Ratio	Lower	Upper
96	100		
61	140.2	105.5	158.3
98	62.6	52.6	79.0

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#22

Diisopropyl ether

Concen: 4.872 ug/l

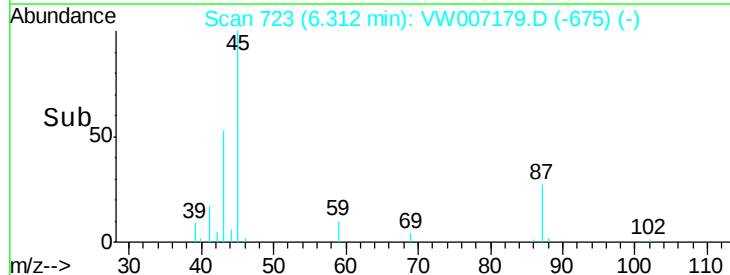
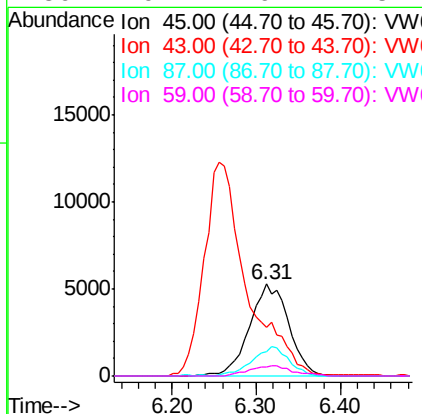
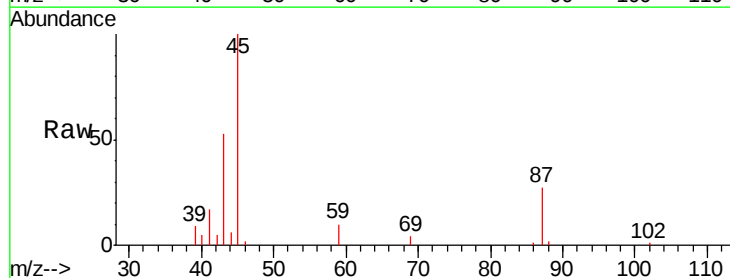
RT: 6.31 min Scan# 723

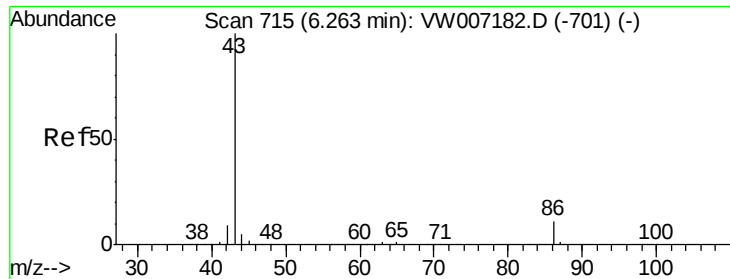
Delta R.T. -0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Tgt Ion:	45	Resp:	16804
Ion	Ratio	Lower	Upper
45	100		
43	51.6	40.8	61.2
87	26.6	24.0	36.0
59	9.7	9.1	13.7





#23

Vinyl Acetate

Concen: 22.893 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 43088

Ion Ratio Lower Upper

43 100

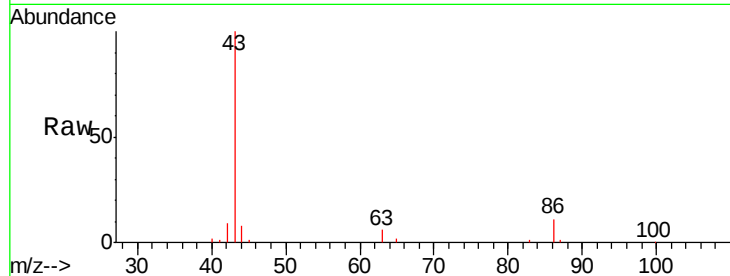
86 11.2 9.0 13.6

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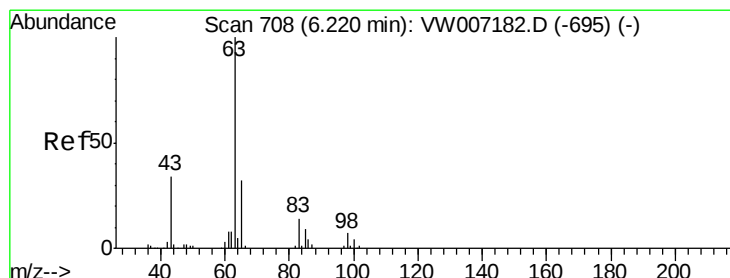
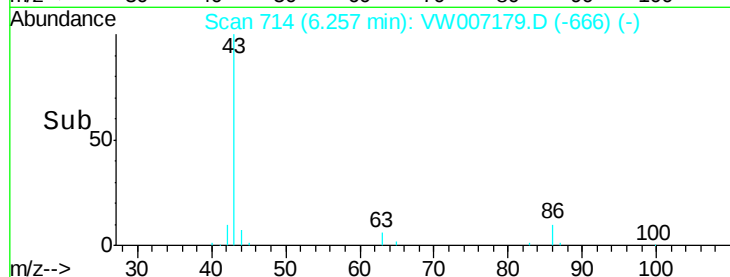
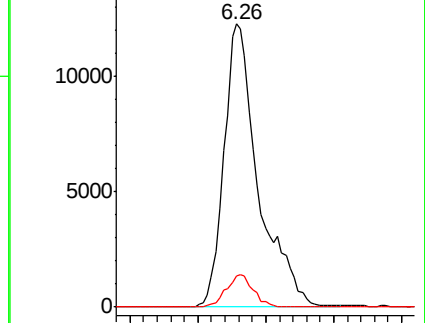
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 4.833 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

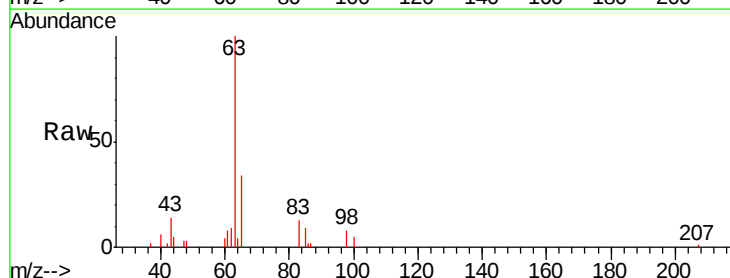
Tgt Ion: 63 Resp: 10685

Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.5

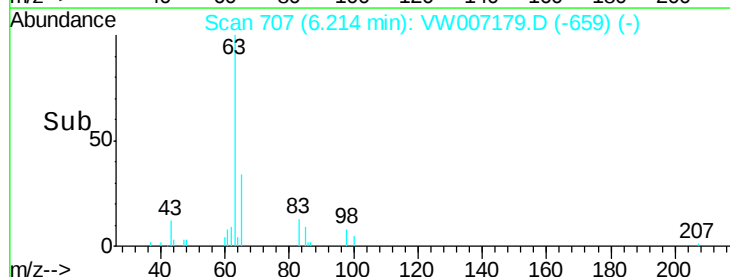
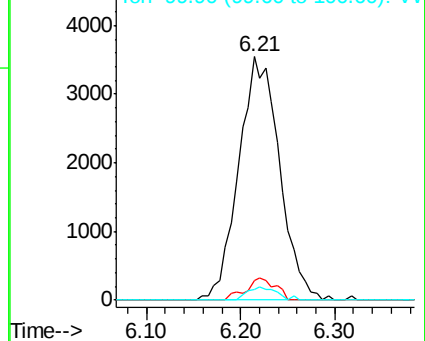
100 4.6 2.1 6.2

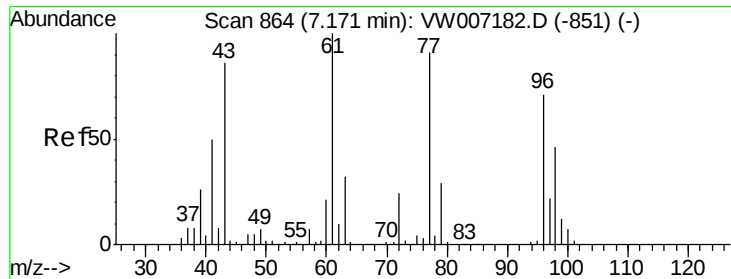


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 23.371 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tgt Ion: 43 Resp: 7476

Ion Ratio Lower Upper

43 100

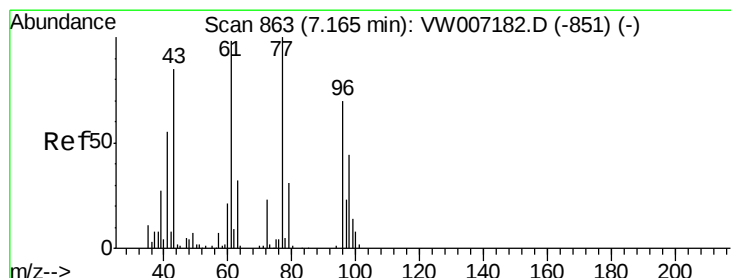
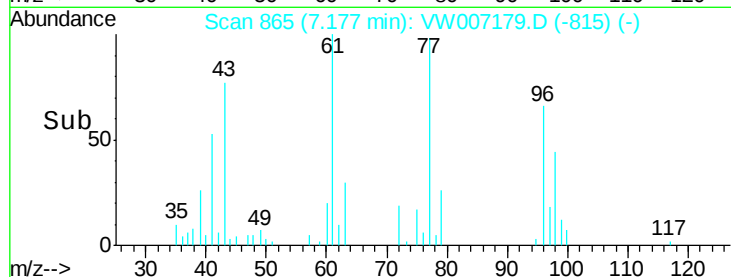
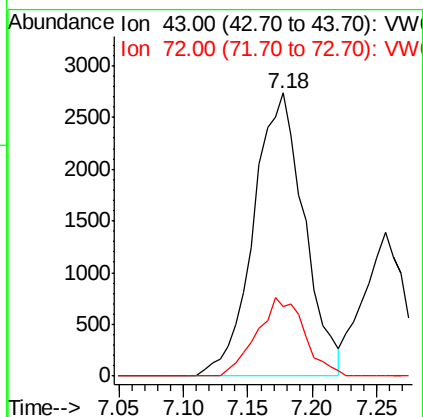
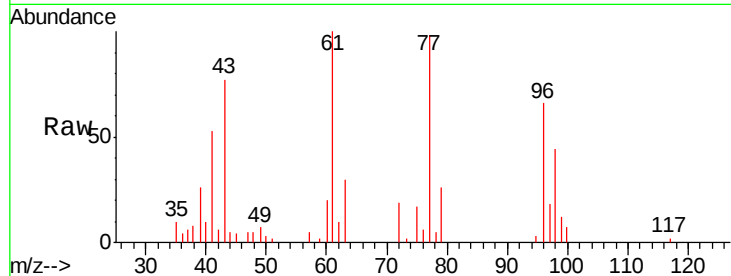
72 24.8 22.8 34.2

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12/5/2018 12:43:26 PM



#26

2,2-Dichloropropane

Concen: 5.312 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007179.D

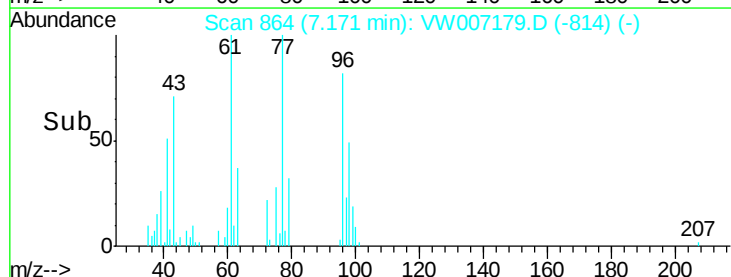
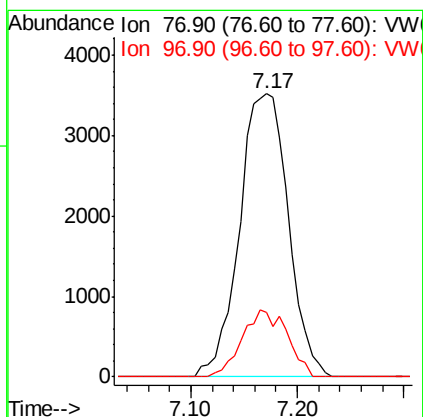
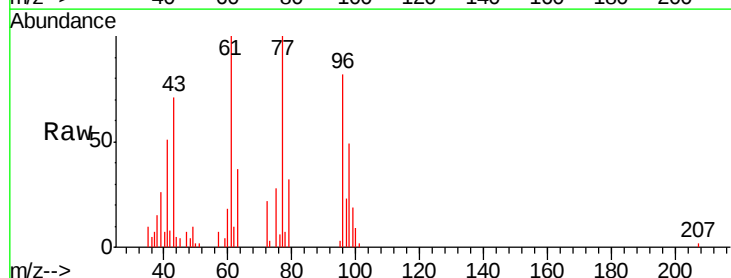
Acq: 04 Dec 2018 11:02

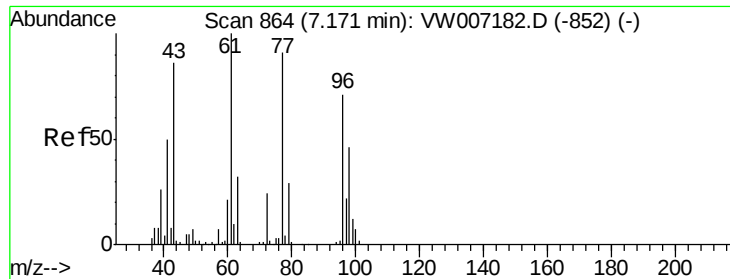
Tgt Ion: 77 Resp: 11286

Ion Ratio Lower Upper

77 100

97 21.9 11.5 34.4





#27

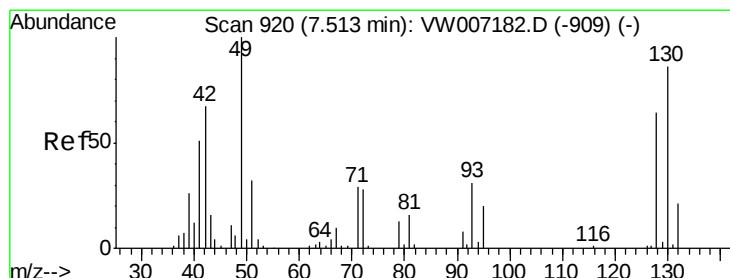
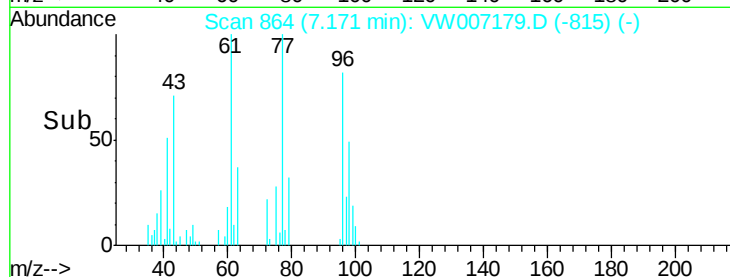
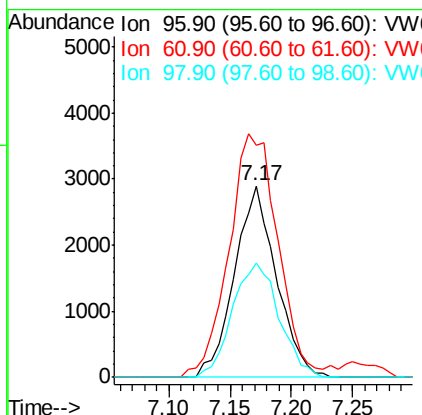
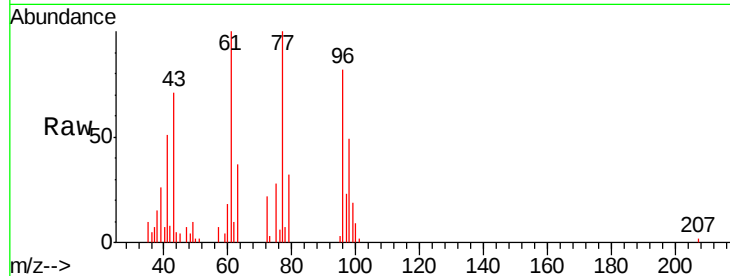
cis-1,2-Dichloroethene
Concen: 4.799 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	282.4
98	66.7	0.0	129.8

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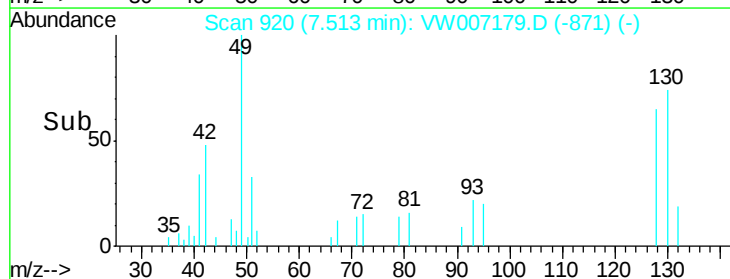
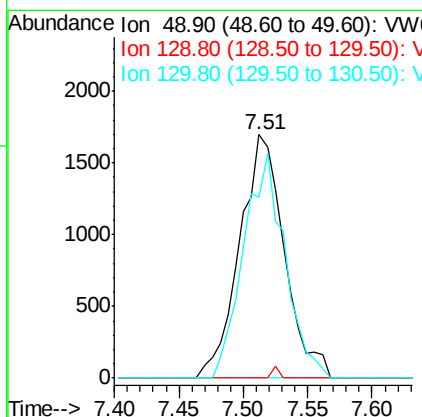
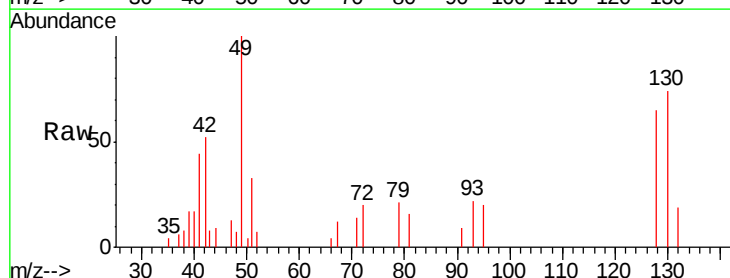
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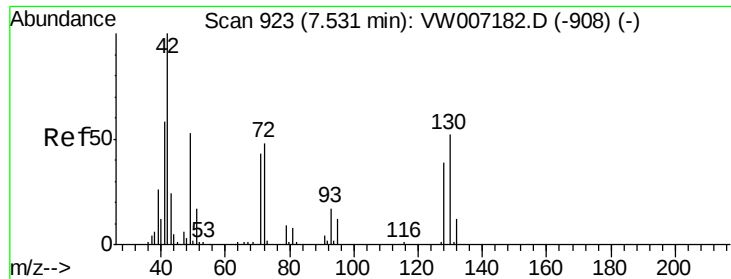


#28

Bromochloromethane
Concen: 5.108 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.8
130	85.4	70.3	105.5





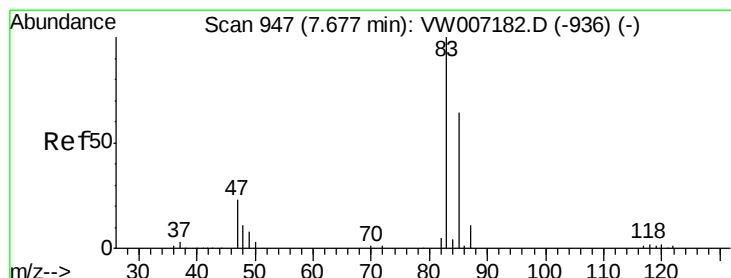
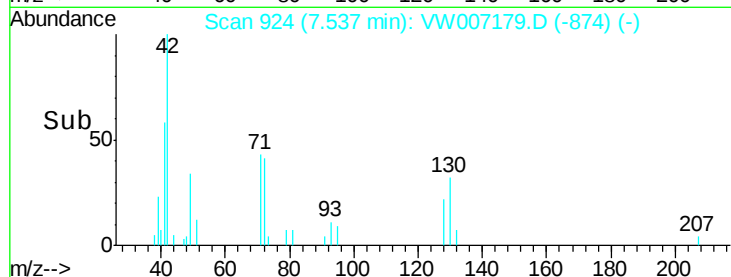
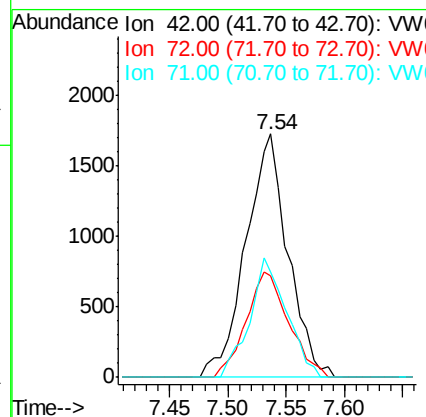
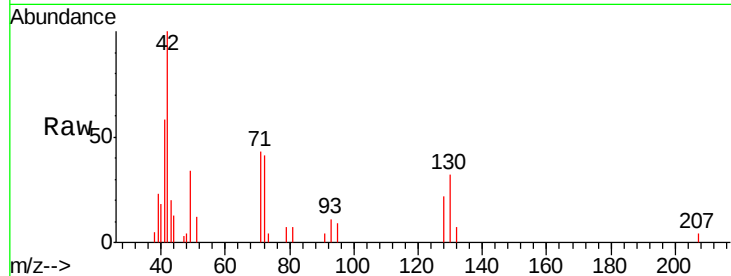
#29
Tetrahydrofuran
Concen: 22.016 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.6	36.6	55.0
71	42.6	34.8	52.2

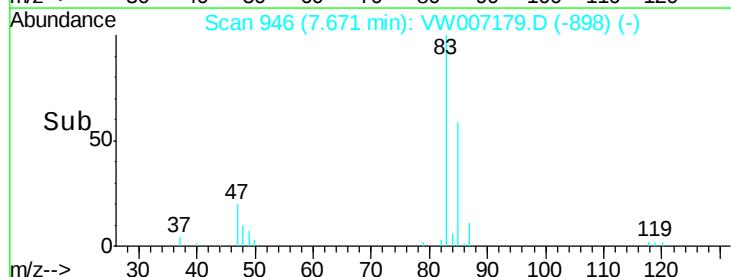
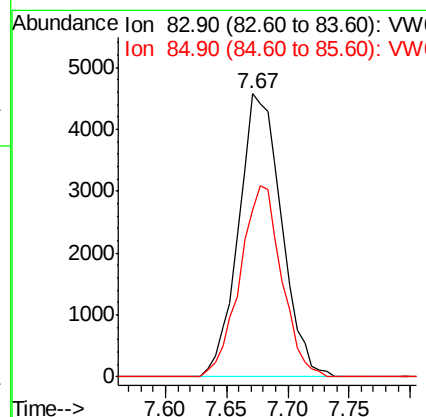
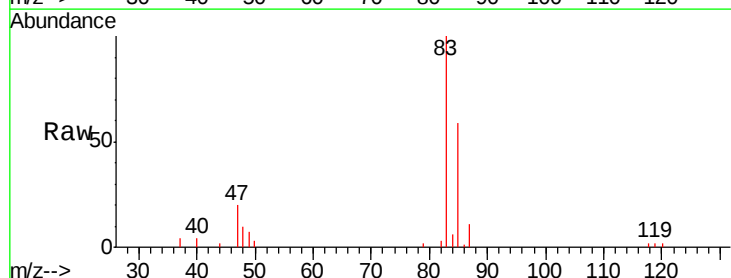
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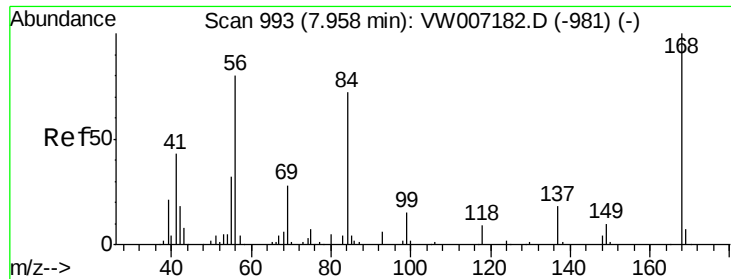
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#30
Chloroform
Concen: 4.838 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.9	51.5	77.3





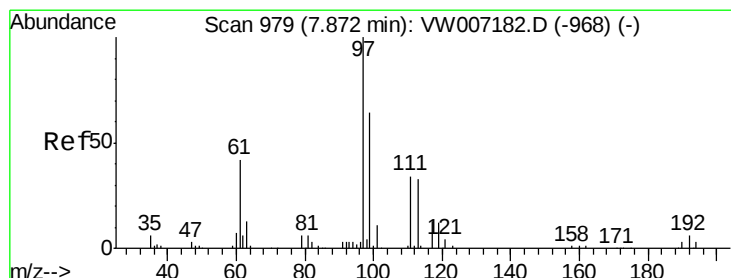
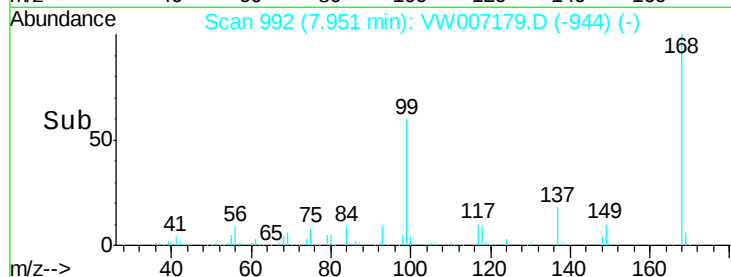
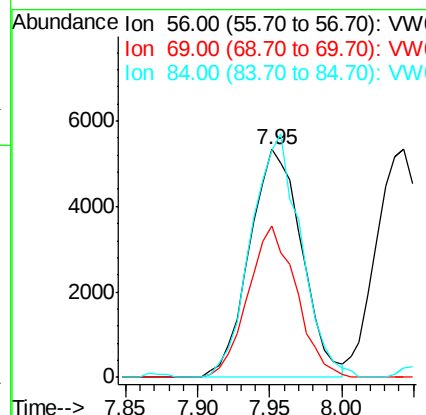
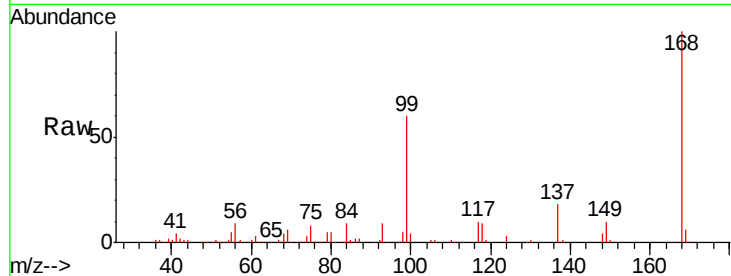
#31
Cyclohexane
Concen: 5.821 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
69	66.4	28.2	42.2#
84	99.6	72.1	108.1

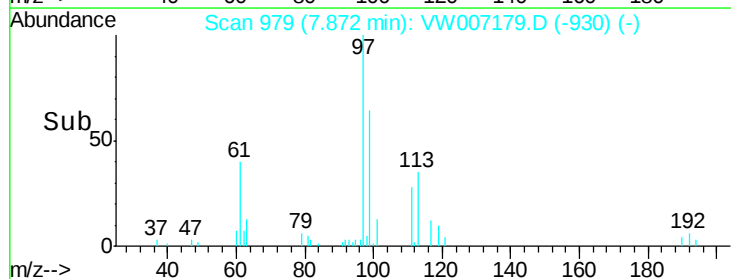
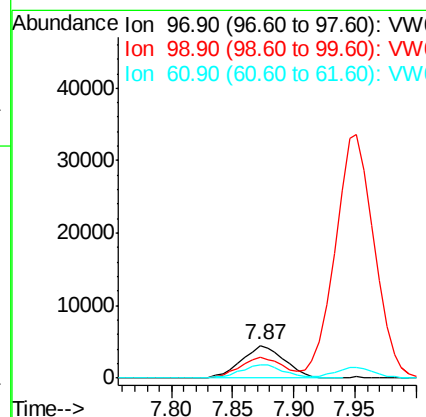
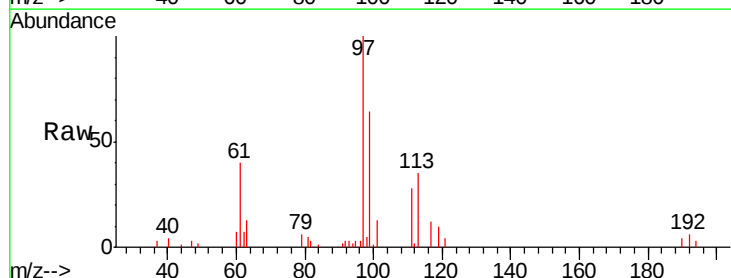
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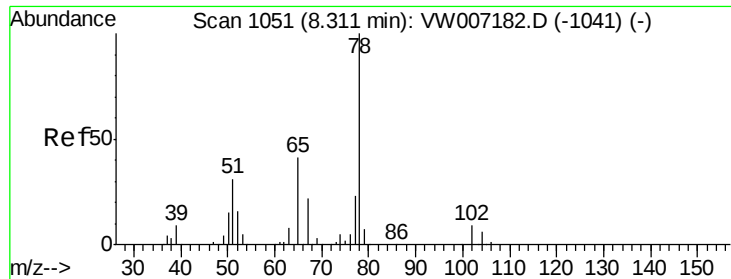
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#32
1,1,1-Trichloroethane
Concen: 5.074 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.3	76.9
61	41.6	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 4.933 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 5750

Ion Ratio Lower Upper

65 100

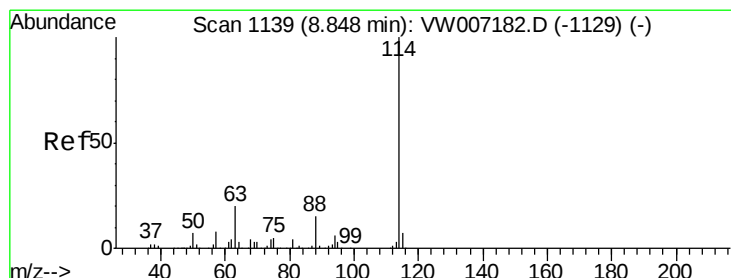
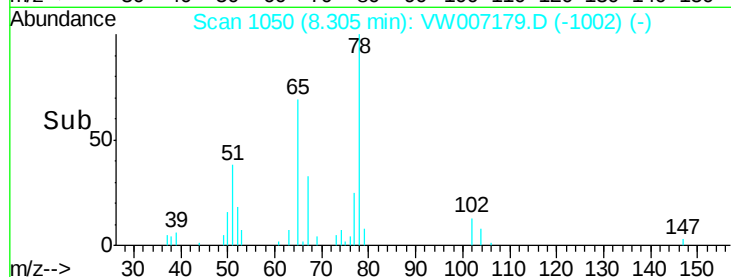
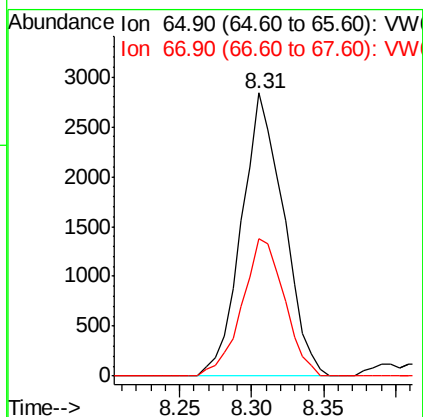
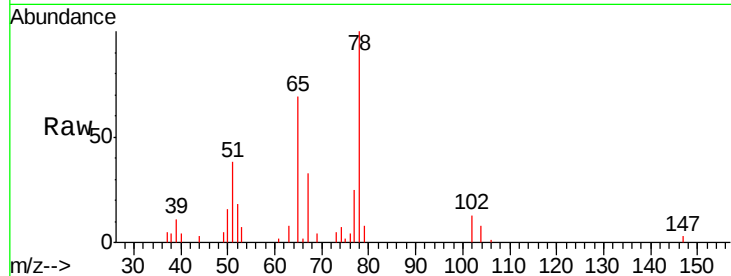
67 48.9 0.0 106.4

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12/5/2018 12:43:26 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

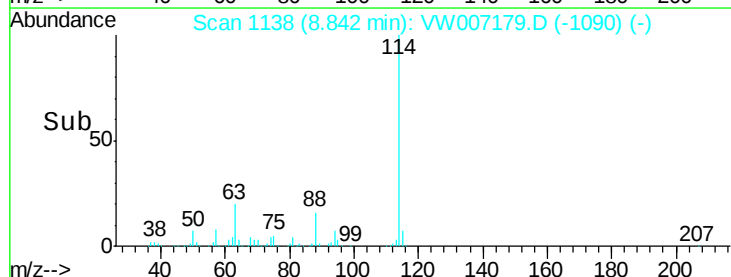
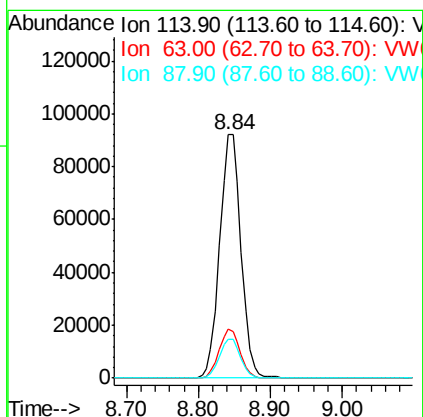
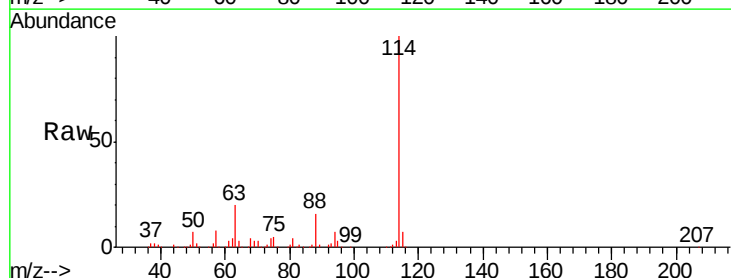
Tgt Ion: 114 Resp: 189248

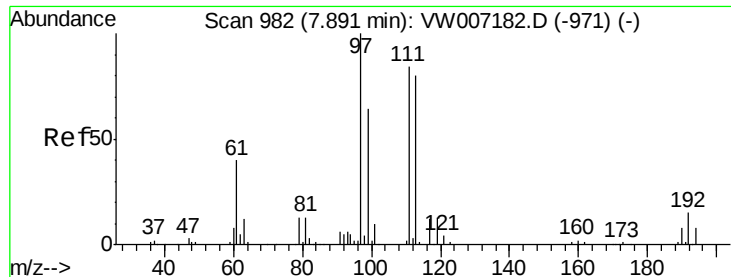
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 16.0 0.0 30.0





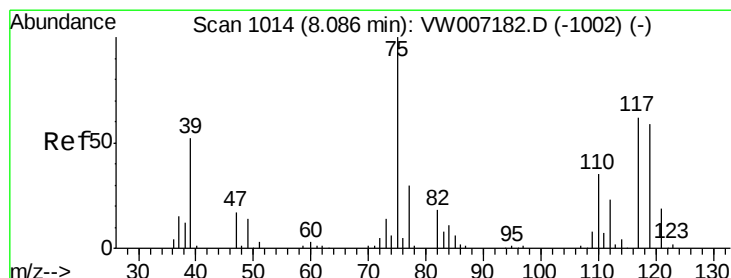
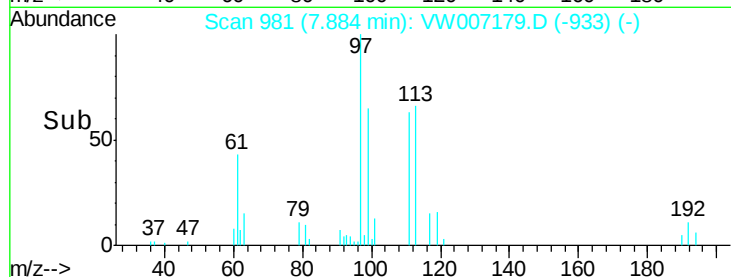
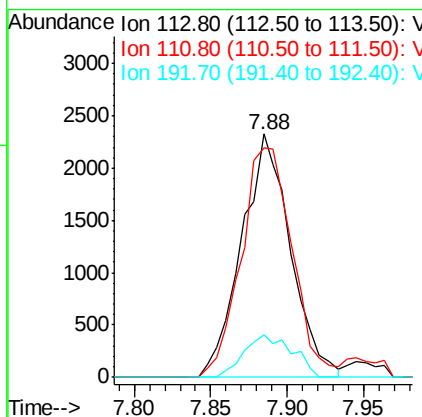
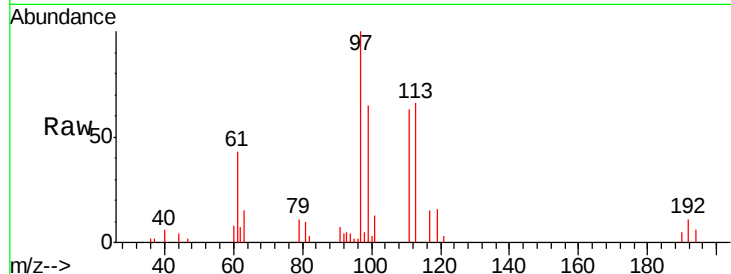
#35
 Dibromofluoromethane
 Concen: 4.770 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	5169		
111	98.6	82.2	123.4	
192	17.1	14.4	21.6	

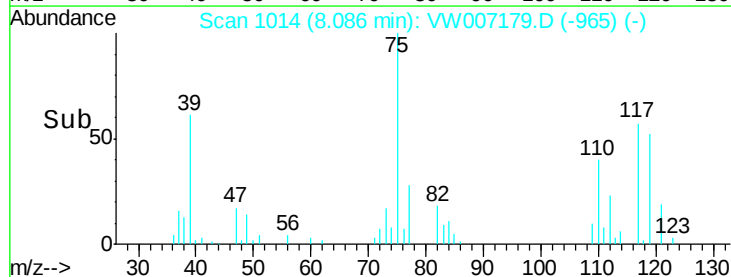
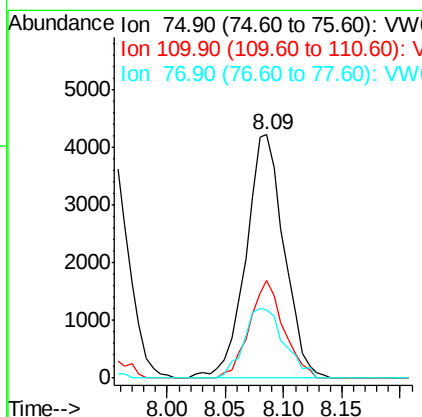
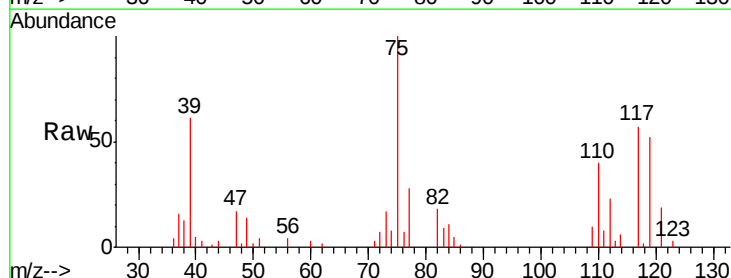
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#36
 1,1-Dichloropropene
 Concen: 5.212 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9597		
110	36.2	18.3	54.9	
77	30.5	24.9	37.3	





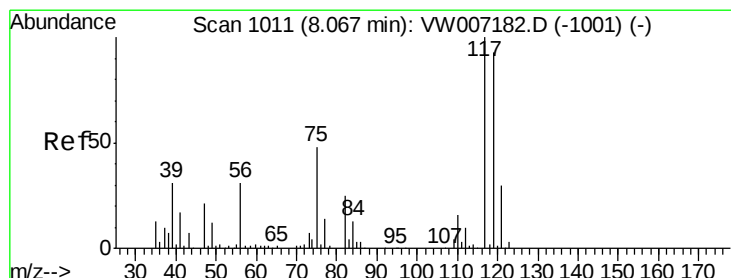
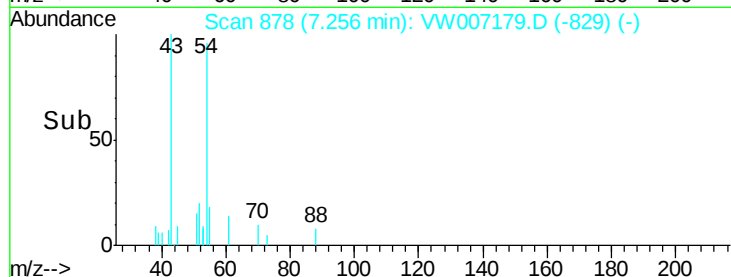
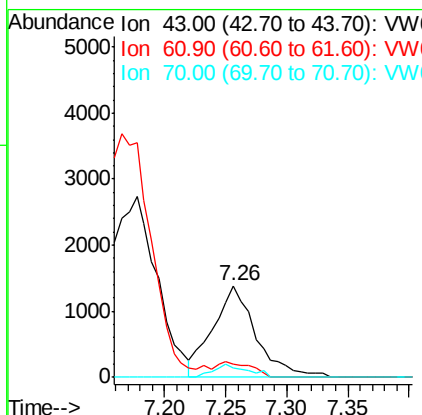
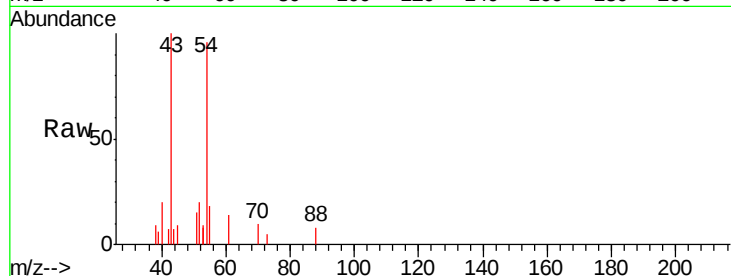
#37
Ethyl Acetate
Concen: 5.071 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.1	18.1
70	10.7	9.1	13.7

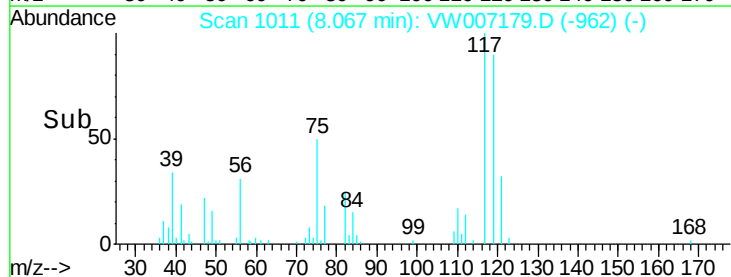
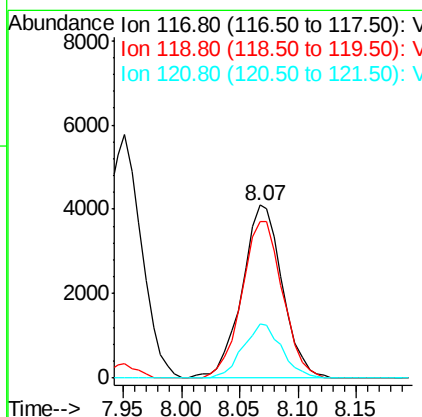
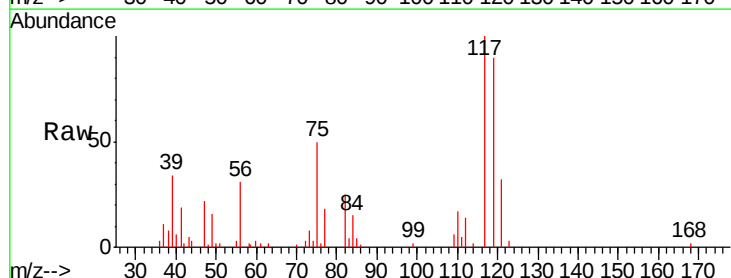
Manual Integrations
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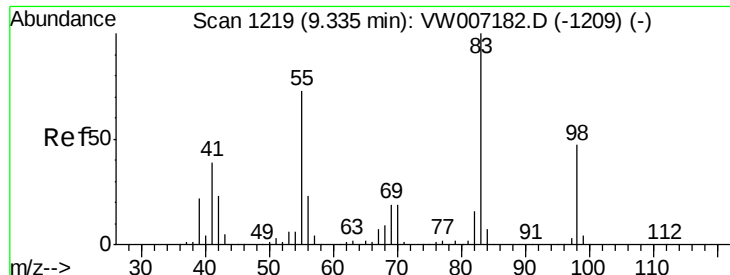
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#38
Carbon Tetrachloride
Concen: 5.270 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	74.1	111.1
121	31.7	23.9	35.9





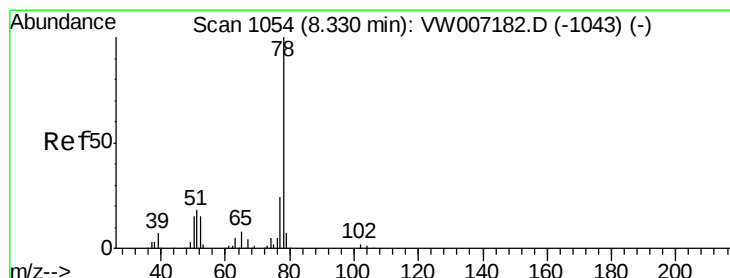
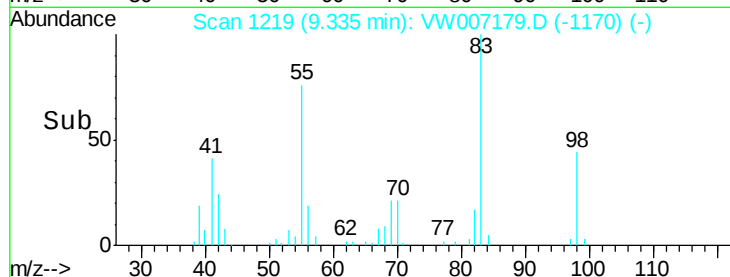
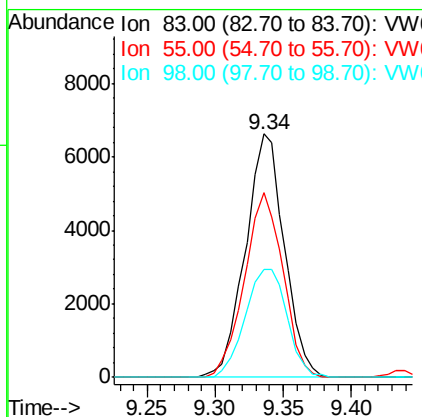
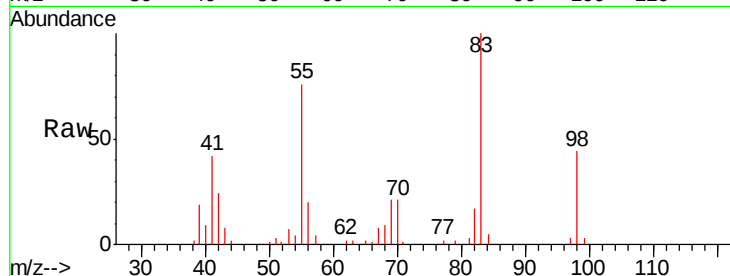
#39
Methylcyclohexane
Concen: 5.381 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.0	58.1	87.1
98	44.1	37.3	55.9

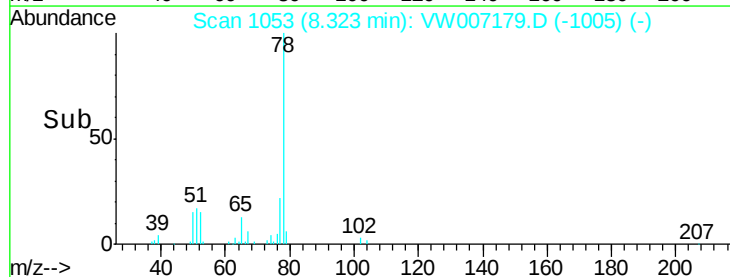
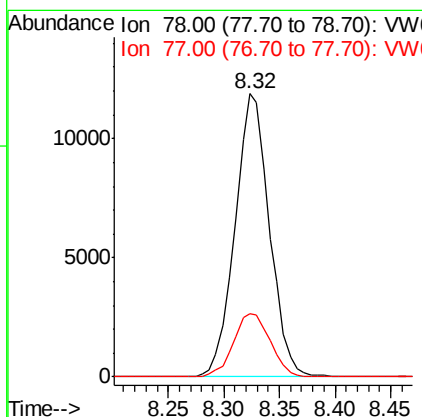
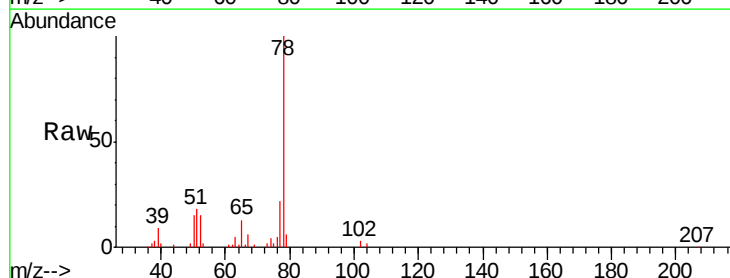
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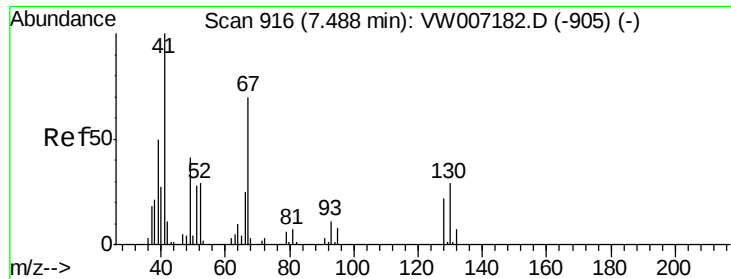
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#40
Benzene
Concen: 5.029 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.9	28.3





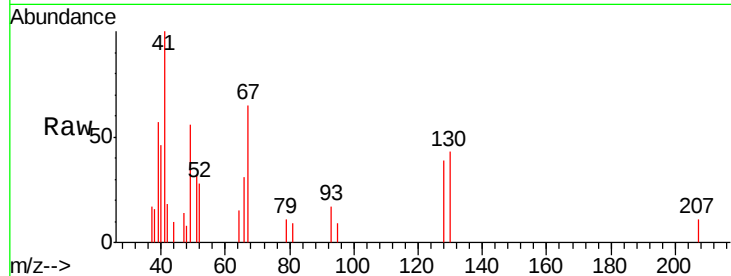
#41
Methacrylonitrile
Concen: 4.271 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

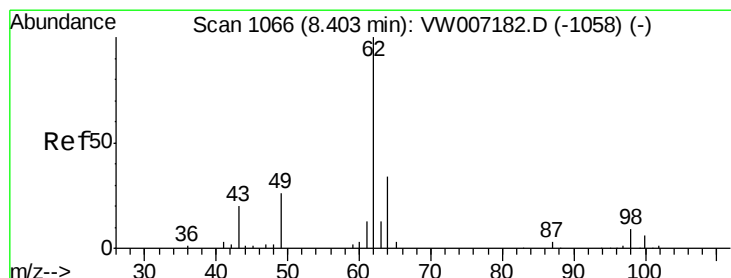
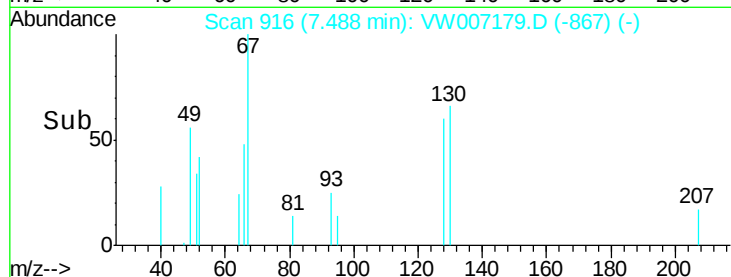
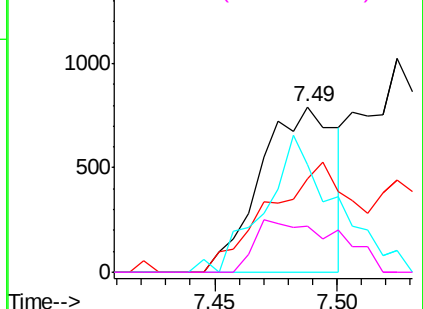
Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.5	43.4	65.0#
67	77.9	57.4	86.0
52	0.0	23.3	34.9#

Manual Integrations
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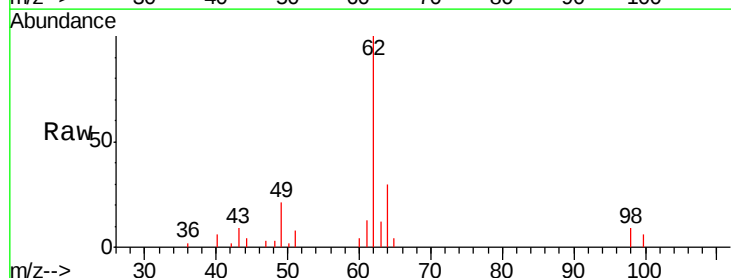


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

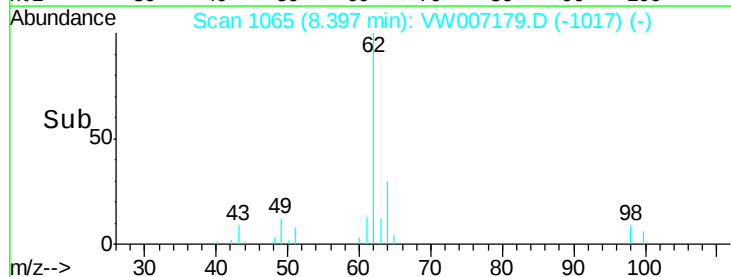
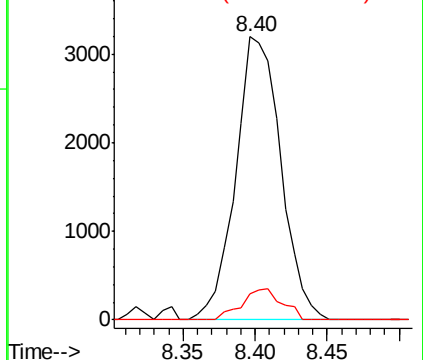


#42
1,2-Dichloroethane
Concen: 4.928 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8



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





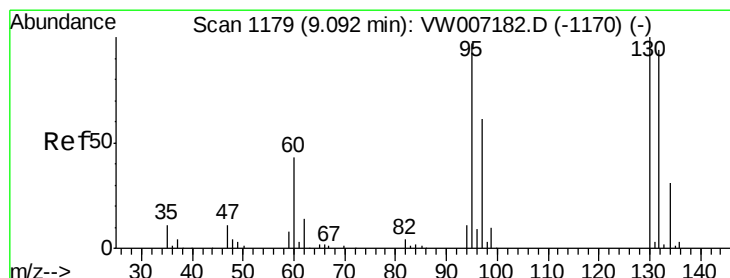
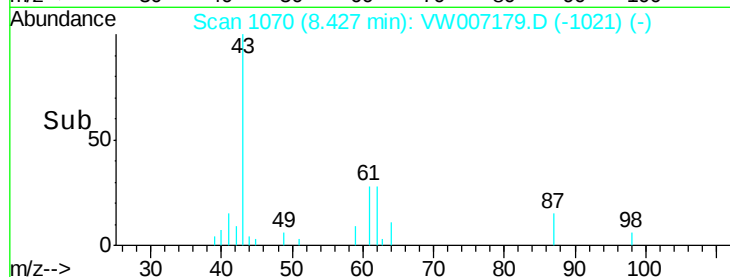
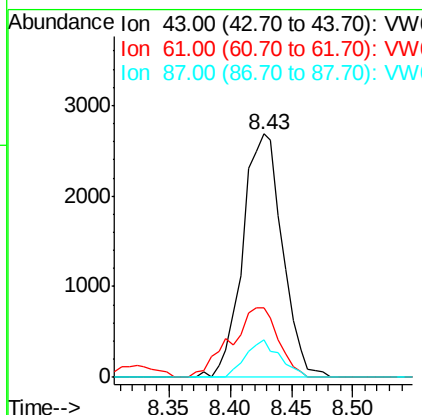
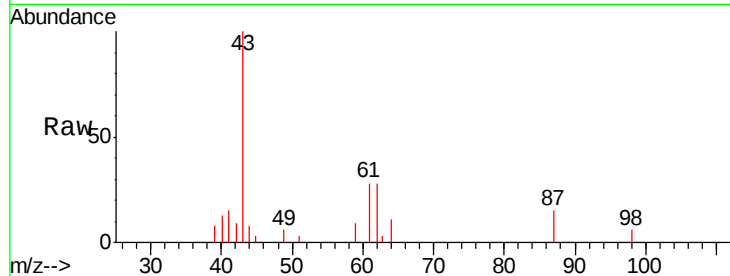
#43
Isopropyl Acetate
Concen: 4.677 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	34.1	25.4	38.0
87	13.3	11.4	17.0

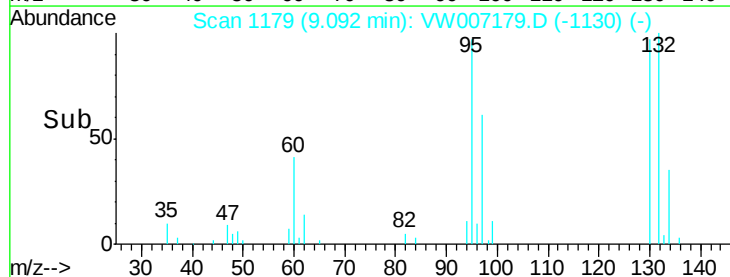
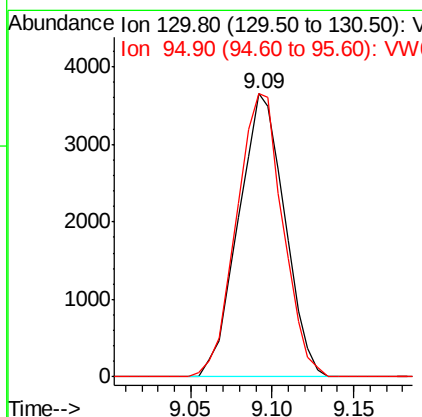
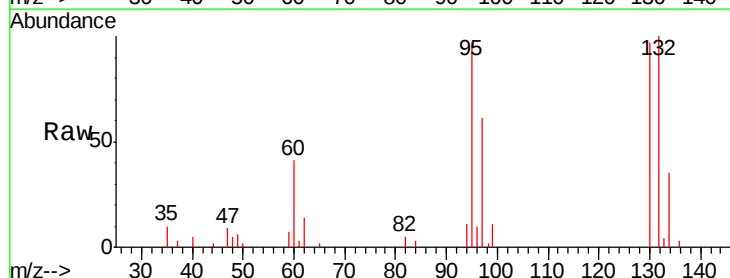
Manual Integrations
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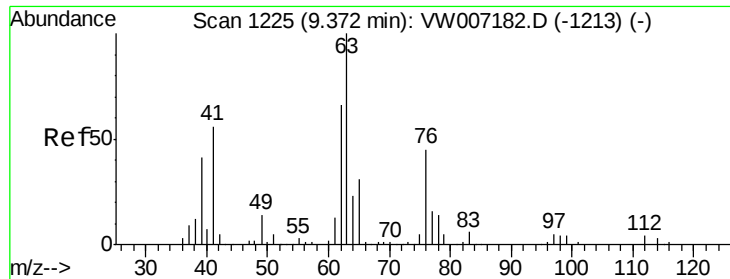
apatel
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#44
Trichloroethene
Concen: 5.079 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	194.0





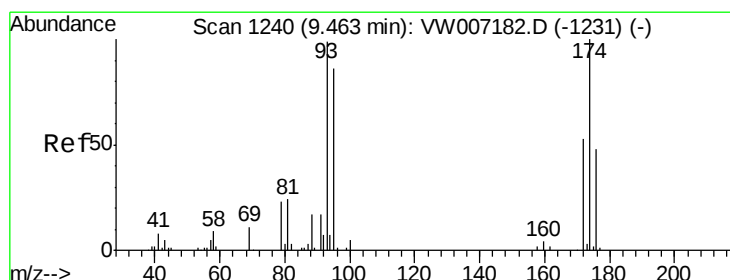
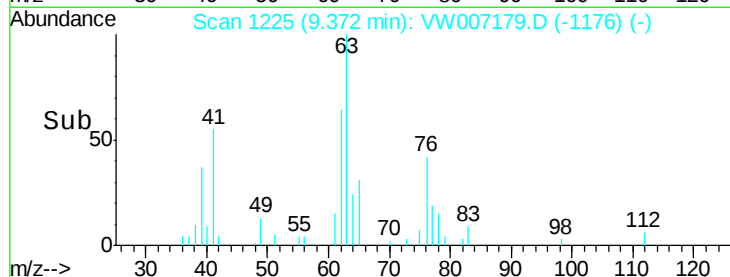
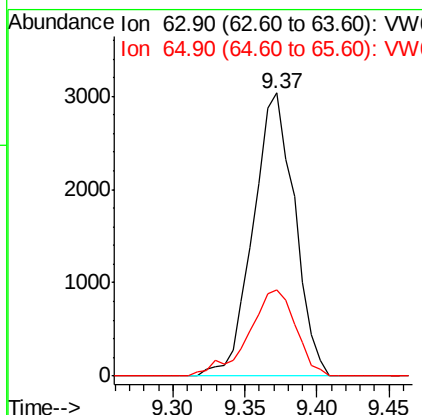
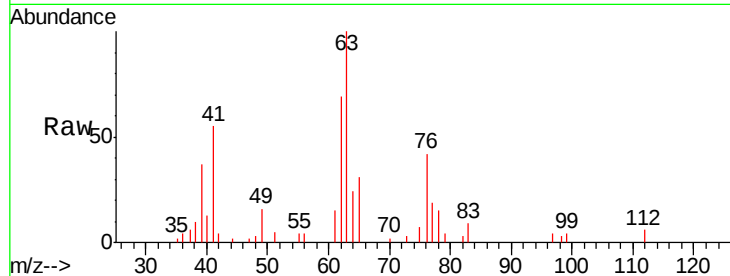
#45
 1,2-Dichloropropane
 Concen: 5.175 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 6081
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4

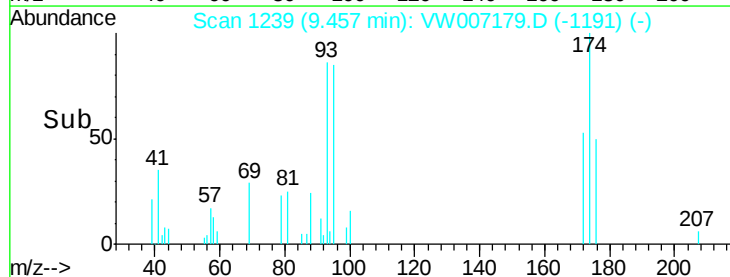
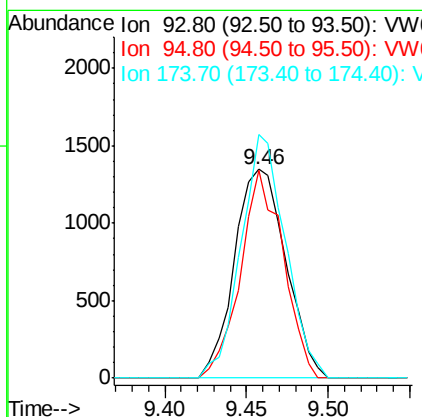
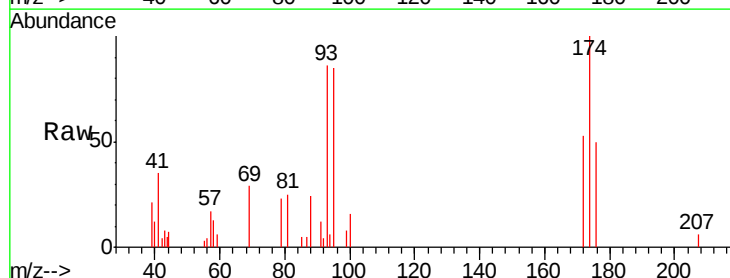
Manual Integrations
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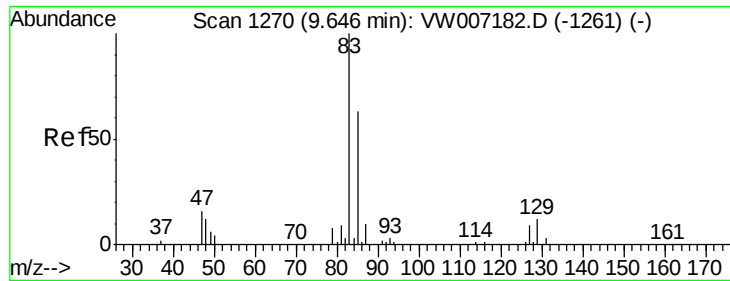
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#46
 Dibromomethane
 Concen: 4.831 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Tgt Ion: 93 Resp: 2950
 Ion Ratio Lower Upper
 93 100
 95 82.4 68.7 103.1
 174 101.3 82.9 124.3





#47

Bromodichloromethane

Concen: 4.804 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

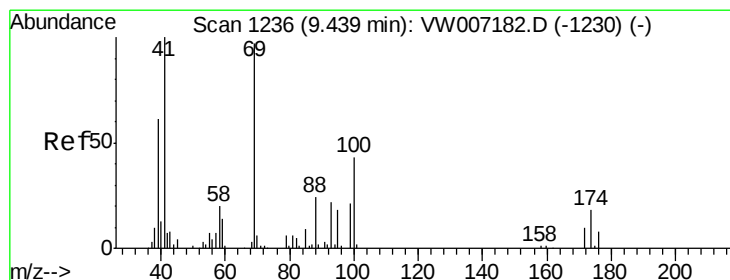
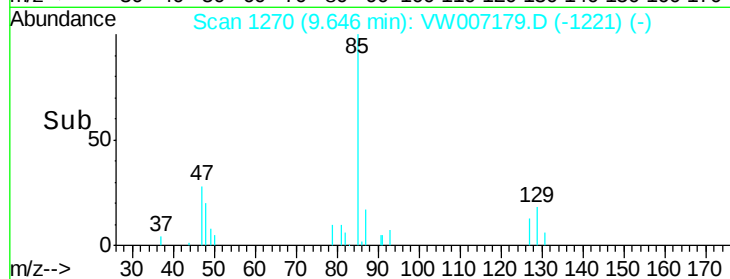
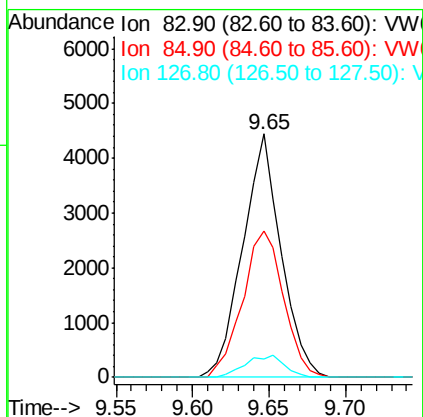
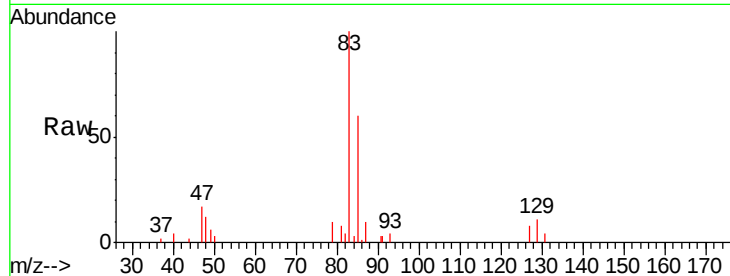
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	7715
Ion	Ratio	Lower	Upper
83	100		
85	60.0	50.6	76.0
127	7.7	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.438 ug/l

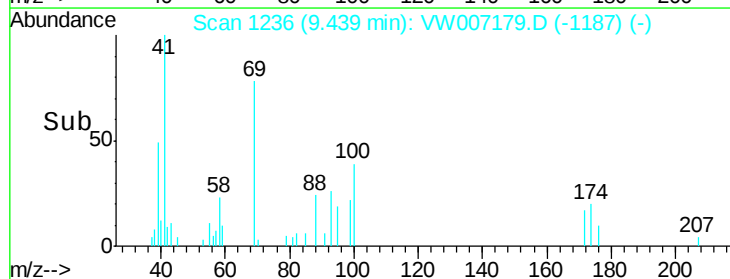
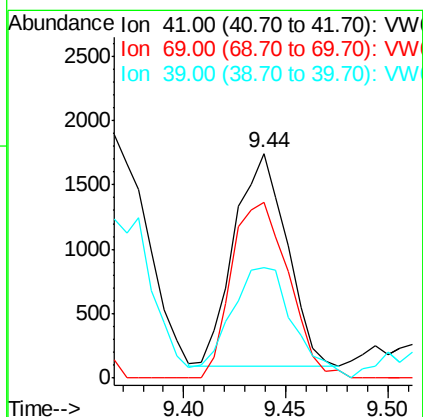
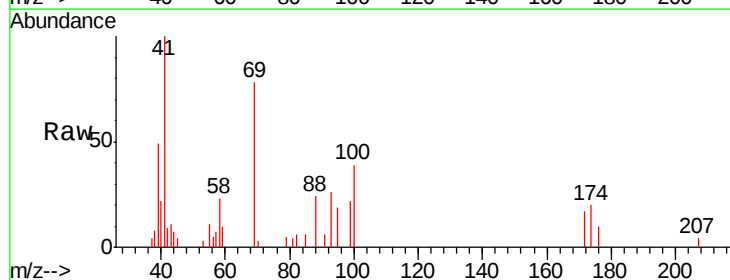
RT: 9.44 min Scan# 1236

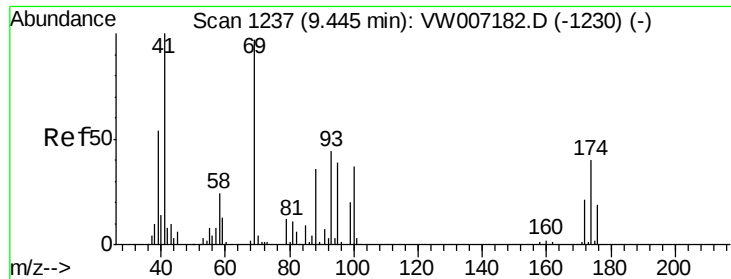
Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Tgt Ion:	41	Resp:	2980
Ion	Ratio	Lower	Upper
41	100		
69	89.3	69.6	104.4
39	61.9	42.4	63.6





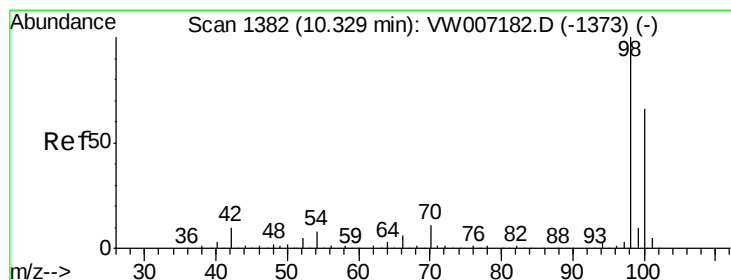
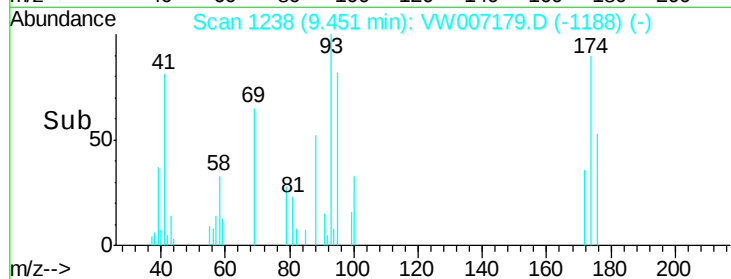
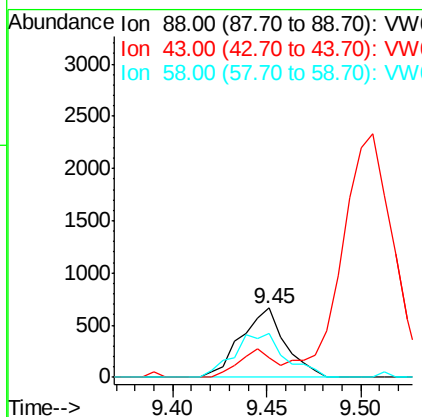
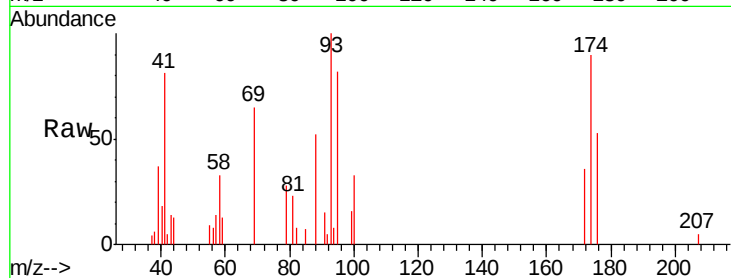
#49
1,4-Dioxane
Concen: 101.535 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.8	38.8
58	72.8	58.9	88.3

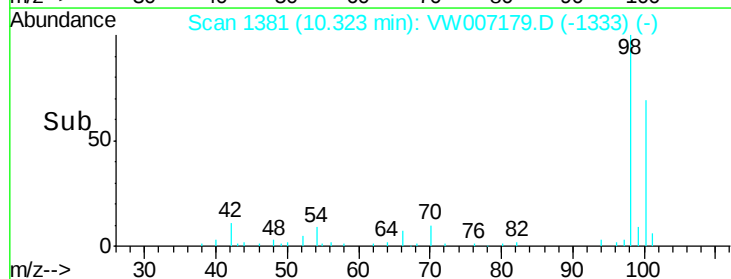
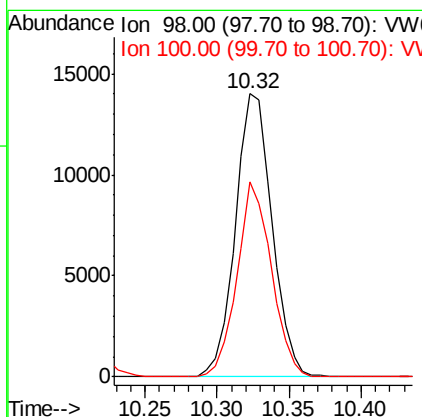
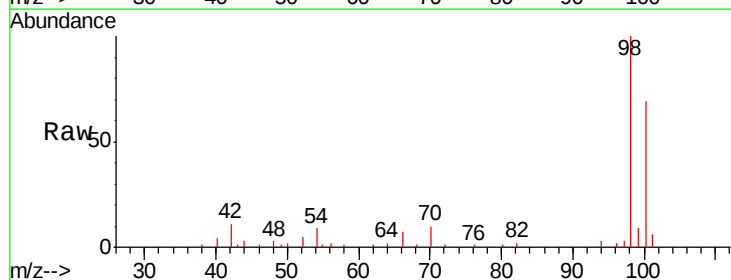
Manual Integrations
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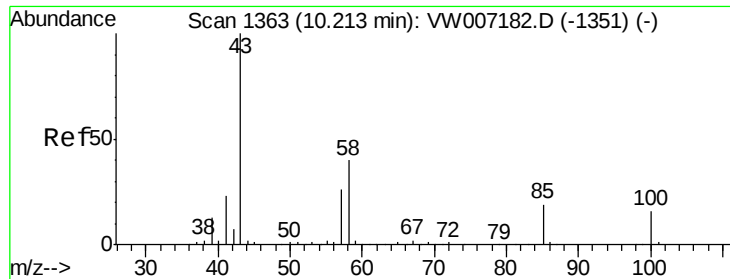
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#50
Toluene-d8
Concen: 5.189 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 23.789 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 15166

Ion Ratio Lower Upper

43 100

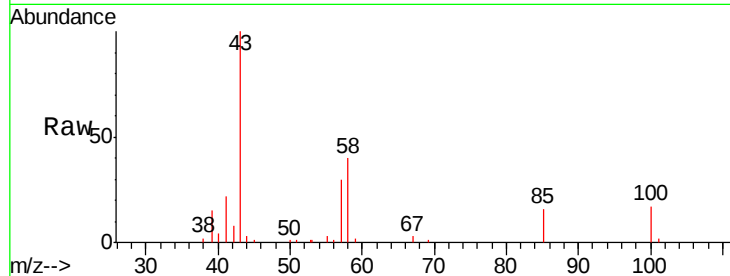
58 40.2 32.3 48.5

Manual Integrations

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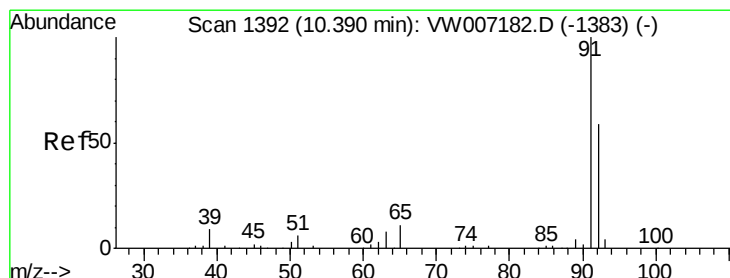
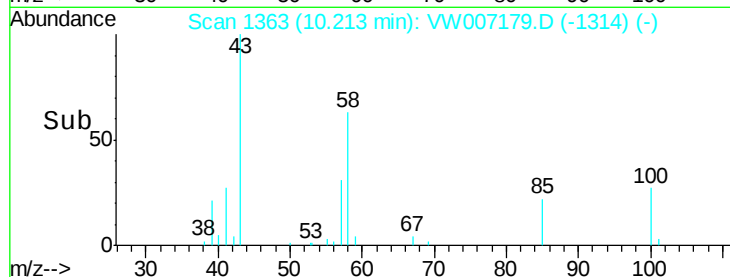
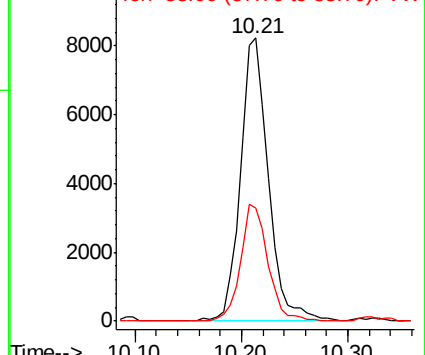
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 5.177 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007179.D

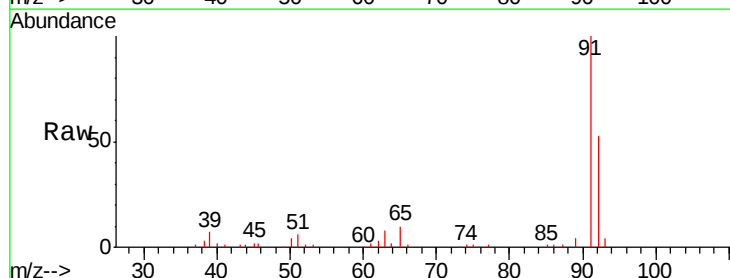
Acq: 04 Dec 2018 11:02

Tgt Ion: 92 Resp: 18184

Ion Ratio Lower Upper

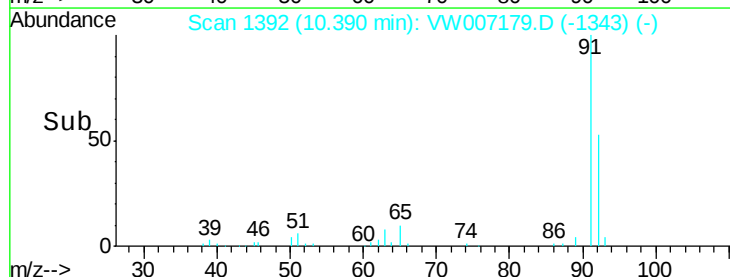
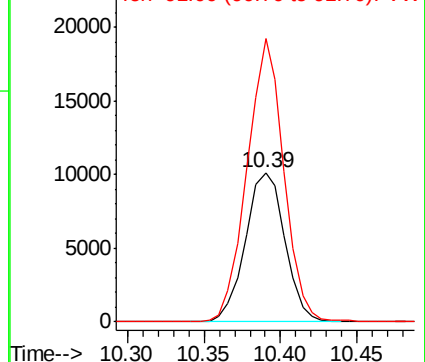
92 100

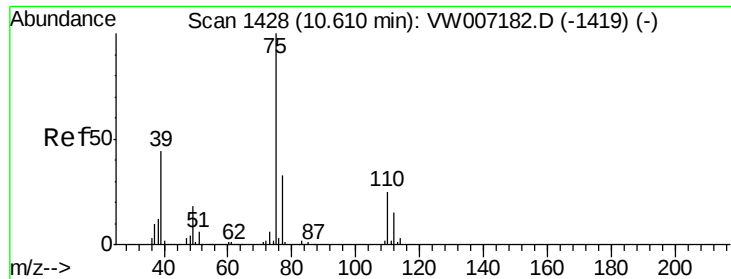
91 176.3 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





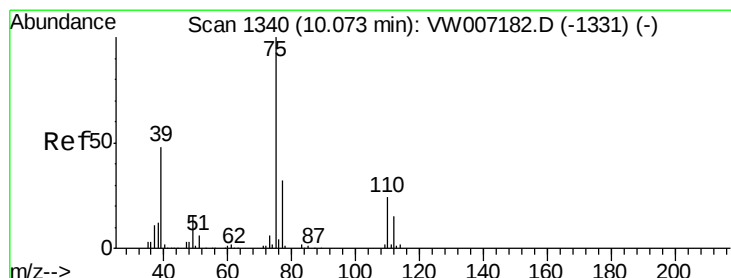
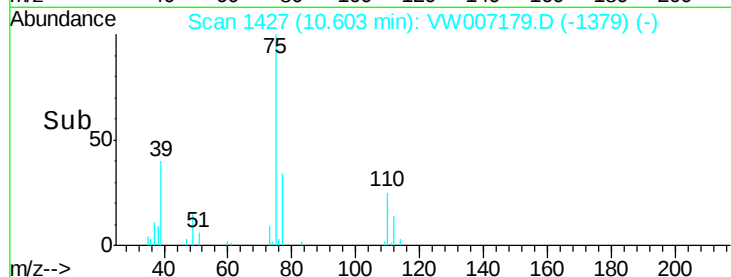
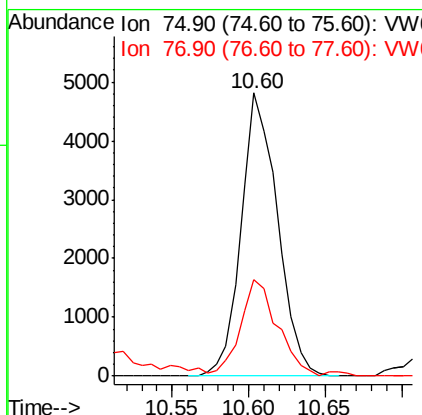
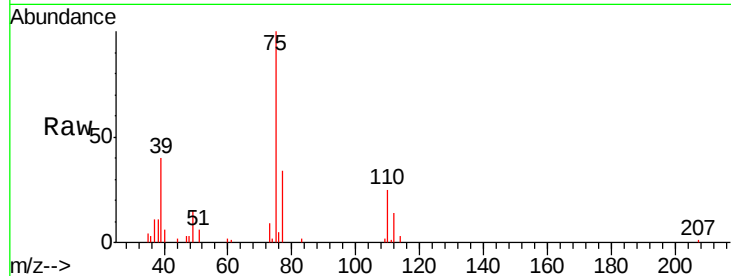
#53
t-1,3-Dichloropropene
Concen: 4.921 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tgt Ion: 75 Resp: 7947
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2

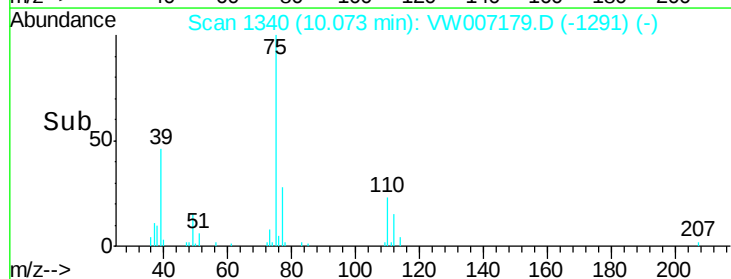
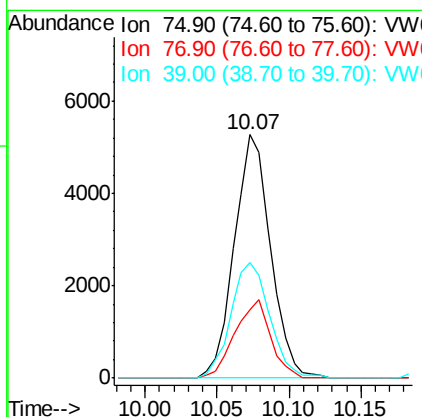
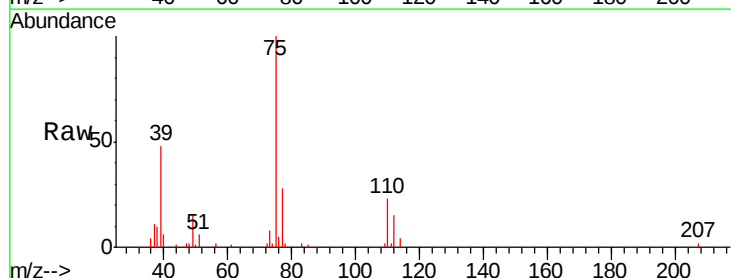
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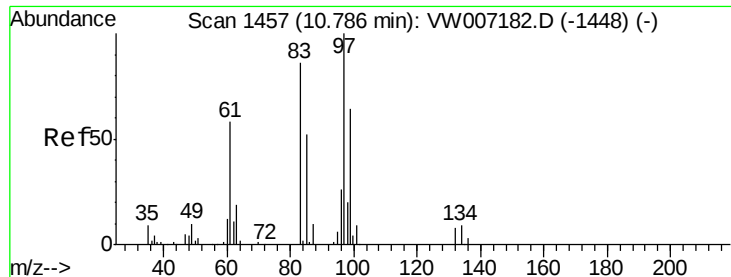
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#54
cis-1,3-Dichloropropene
Concen: 4.875 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion: 75 Resp: 9226
Ion Ratio Lower Upper
75 100
77 28.0 26.0 39.0
39 47.7 38.0 57.0





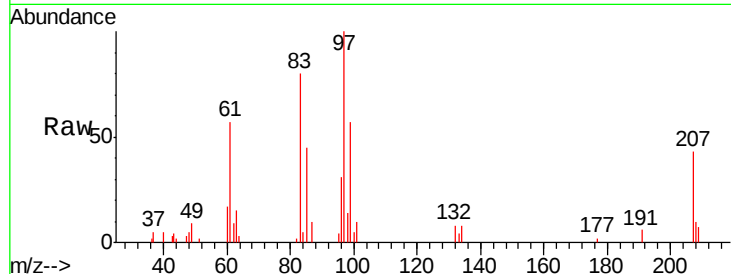
#55
 1,1,2-Trichloroethane
 Concen: 4.875 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

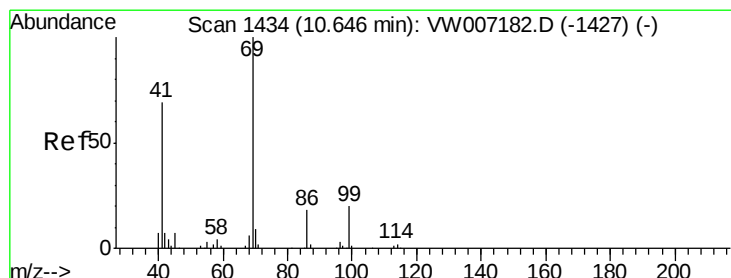
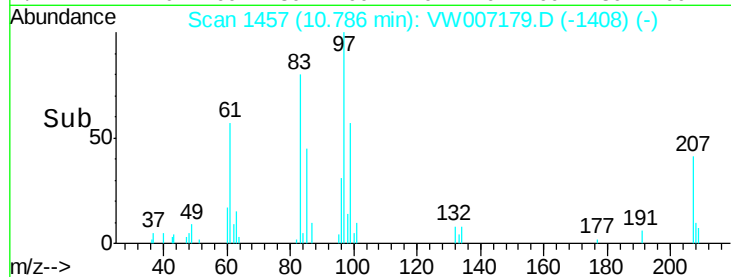
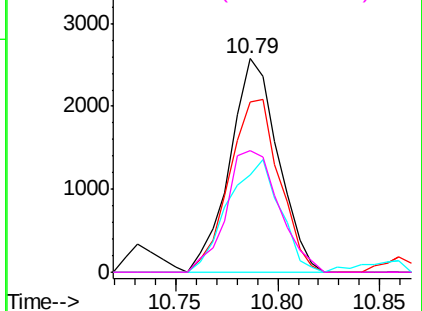
Tgt Ion:	97	Resp:	4234
Ion	Ratio	Lower	Upper
97	100		
83	80.0	68.6	102.8
85	45.3	41.4	62.2
99	57.1	51.2	76.8

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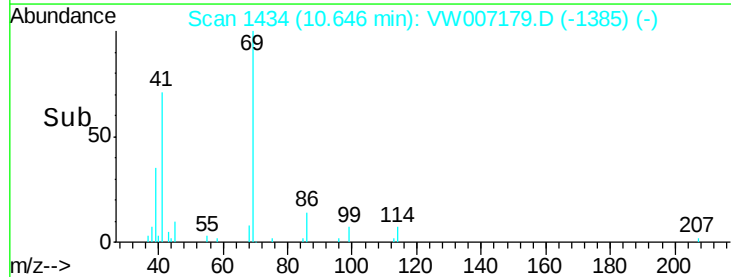
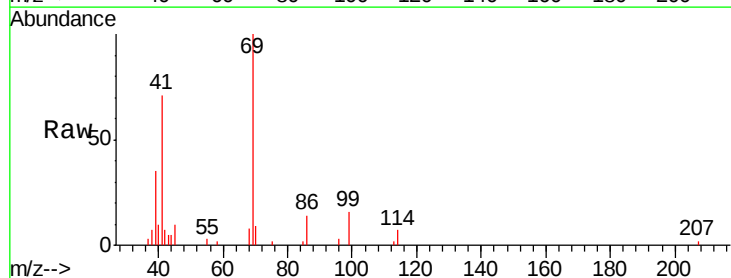
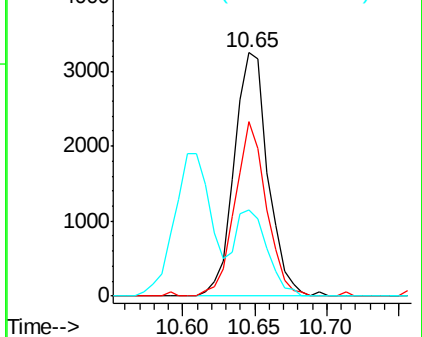
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

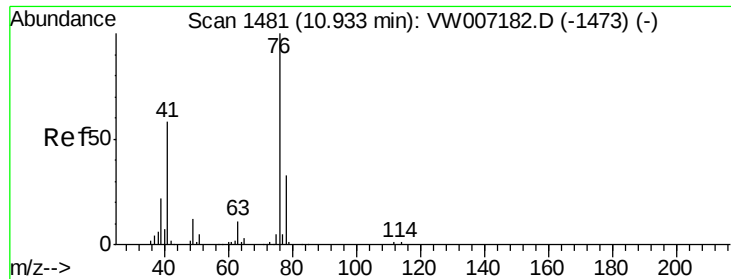


#56
 Ethyl methacrylate
 Concen: 4.679 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Tgt Ion:	69	Resp:	5301
Ion	Ratio	Lower	Upper
69	100		
41	66.6	51.8	77.6
39	34.7	28.7	43.1

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





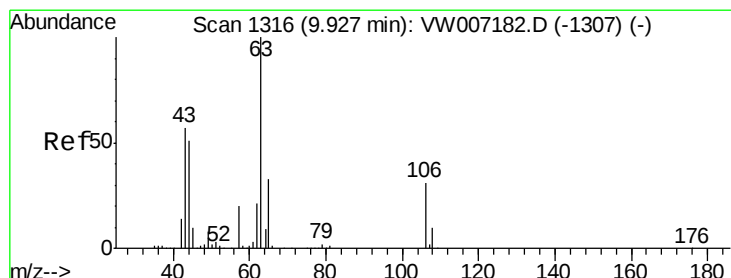
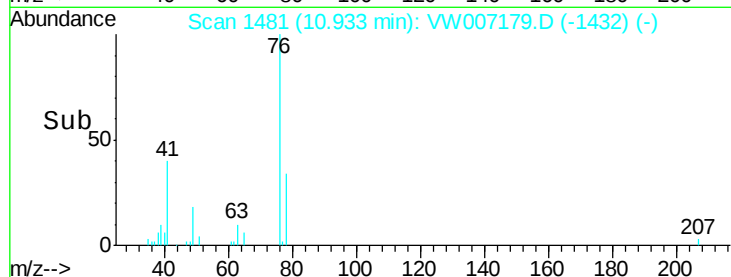
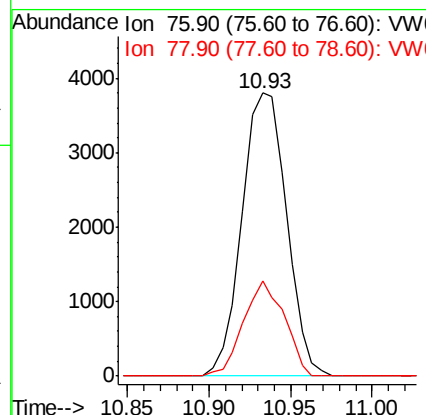
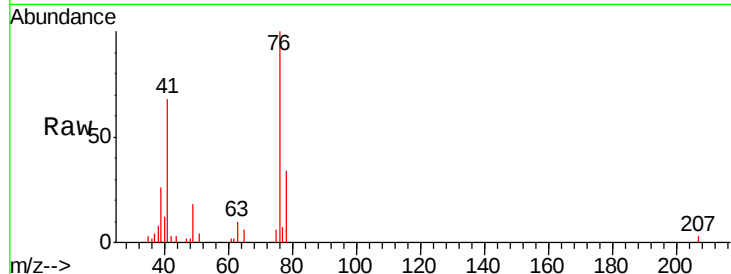
#57
 1,3-Dichloropropane
 Concen: 4.948 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 76 Resp: 7255
 Ion Ratio Lower Upper
 76 100
 78 30.8 26.6 40.0

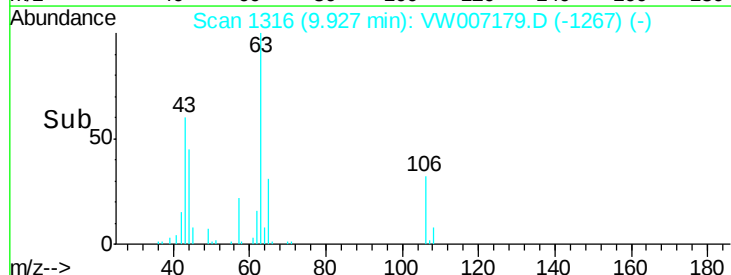
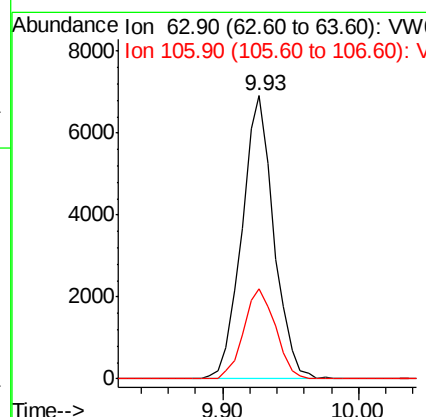
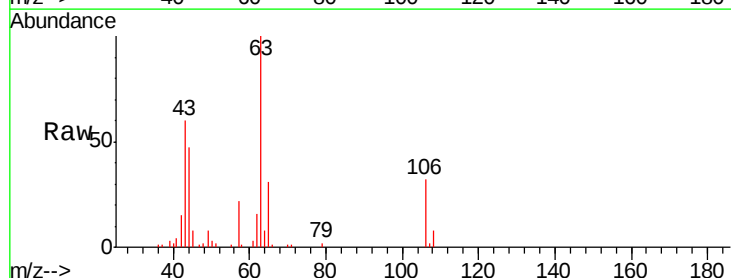
Manual Integrations
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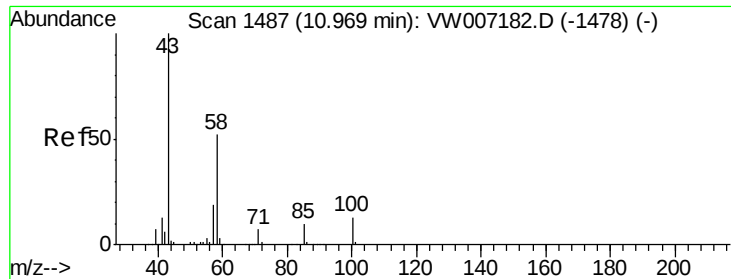
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#58
 2-Chloroethyl Vinyl ether
 Concen: 24.835 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Tgt Ion: 63 Resp: 11301
 Ion Ratio Lower Upper
 63 100
 106 31.8 24.1 36.1





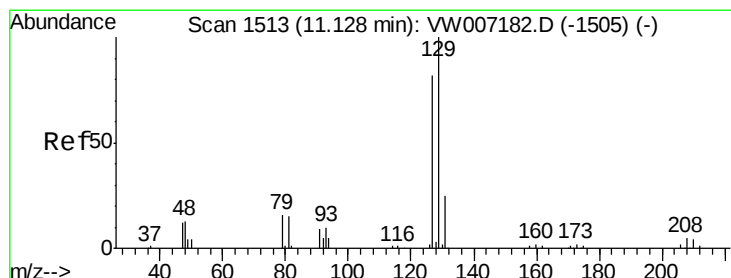
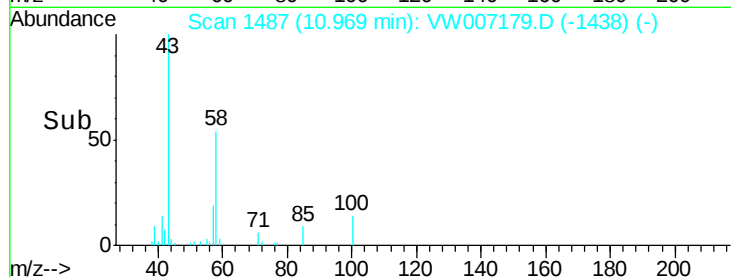
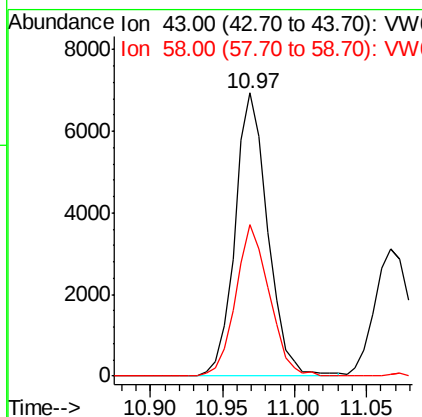
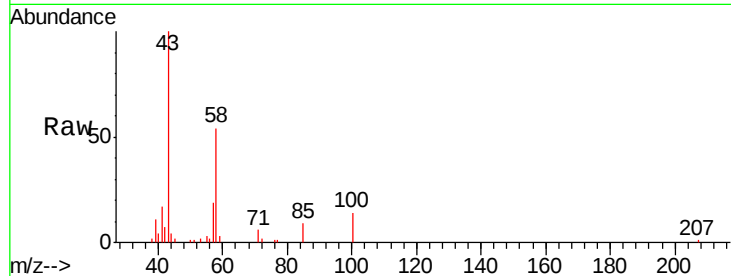
#59
2-Hexanone
Concen: 23.687 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 10947
Ion Ratio Lower Upper
43 100
58 54.9 28.1 84.4

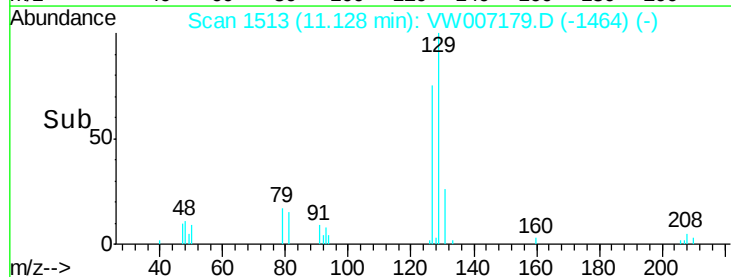
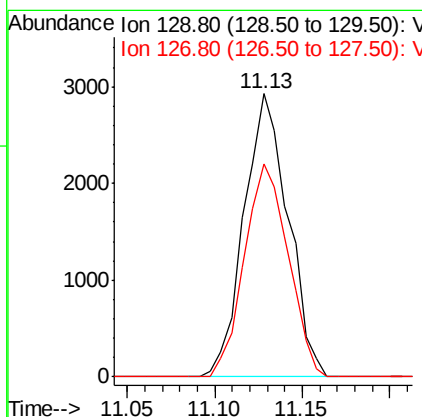
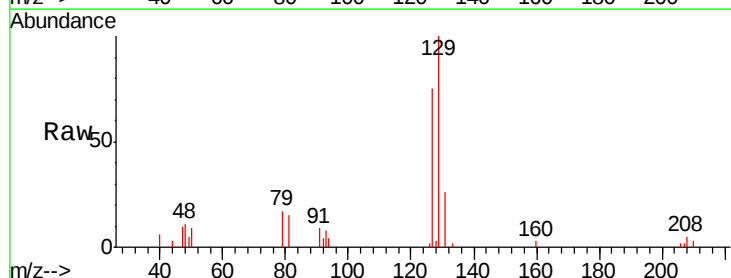
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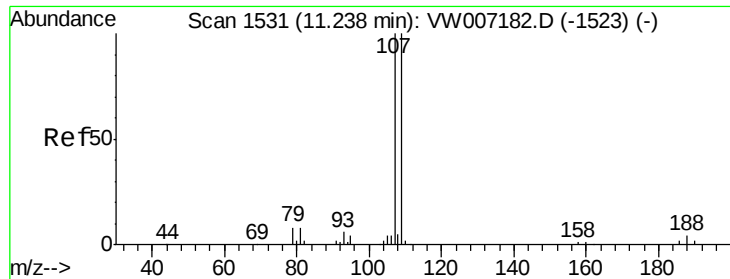
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#60
Dibromochloromethane
Concen: 4.797 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion: 129 Resp: 5121
Ion Ratio Lower Upper
129 100
127 74.8 39.8 119.4





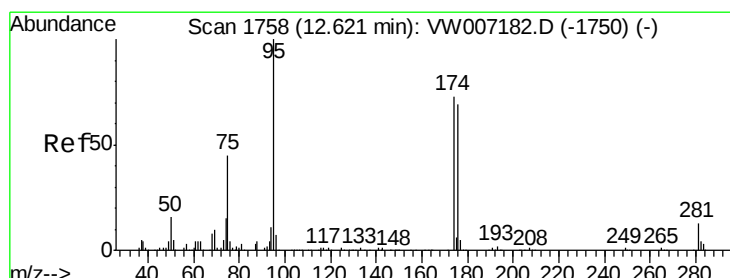
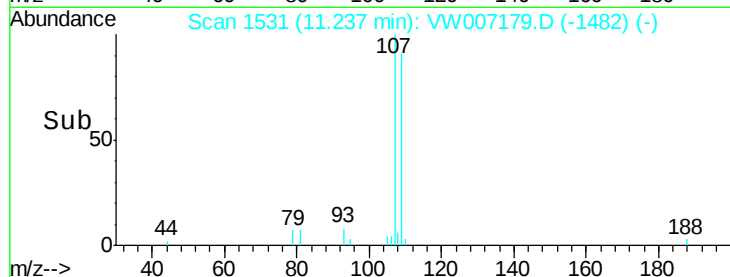
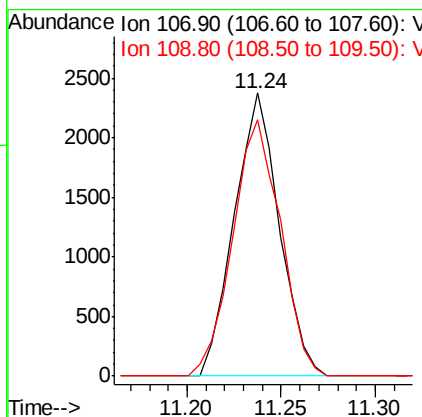
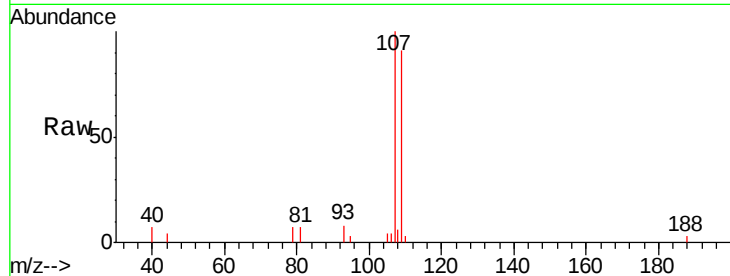
#61
 1,2-Dibromoethane
 Concen: 4.720 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 107 Resp: 3932
 Ion Ratio Lower Upper
 107 100
 109 96.2 77.3 115.9

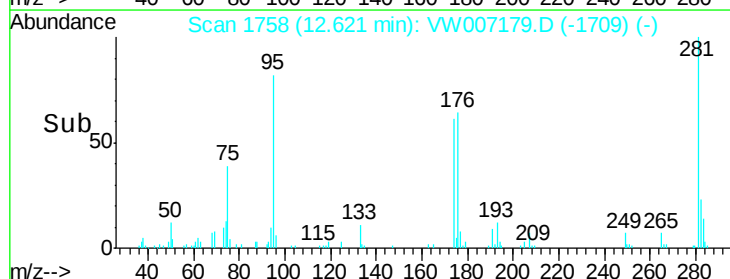
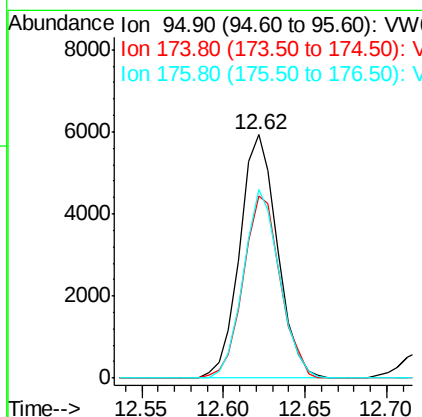
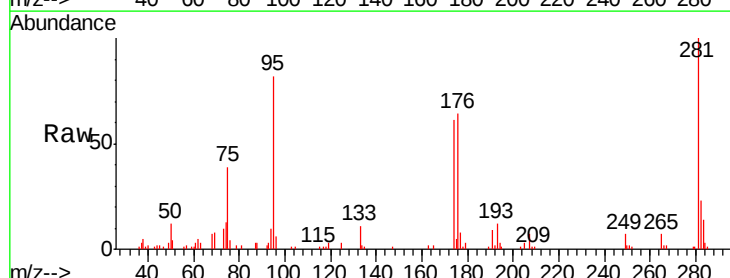
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#62
 4-Bromofluorobenzene
 Concen: 5.307 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Tgt Ion: 95 Resp: 9561
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 148.0
 176 74.2 0.0 139.4





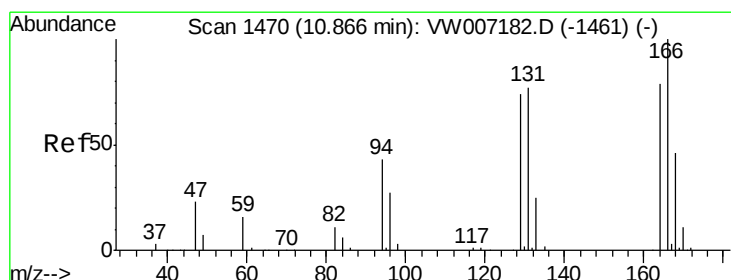
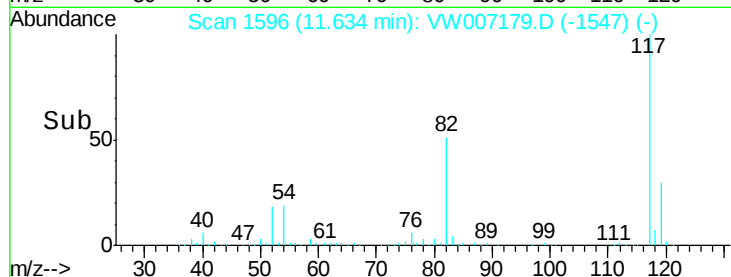
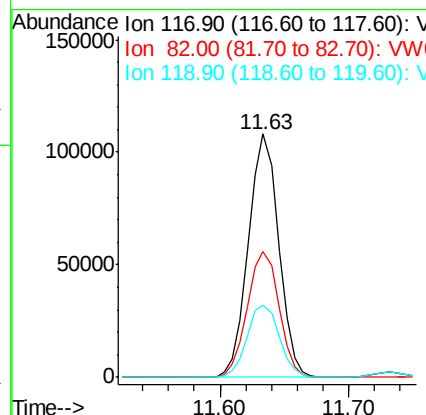
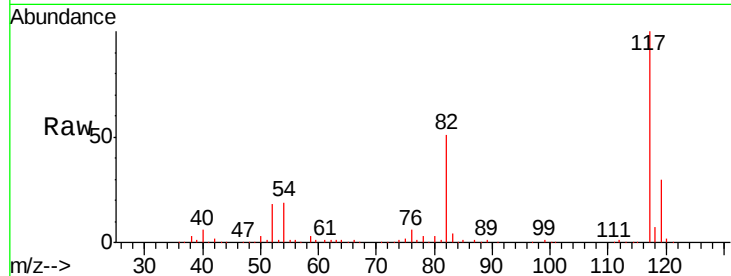
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	175648		
82	51.5	47.4	71.2	
119	29.8	26.8	40.2	

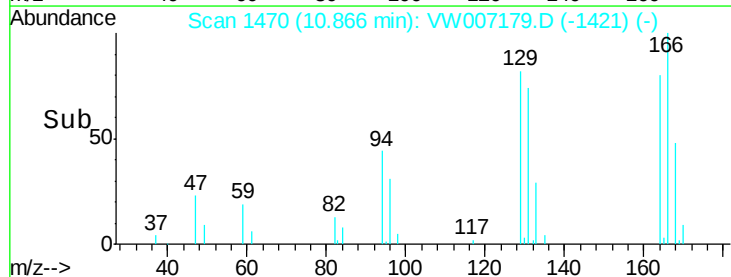
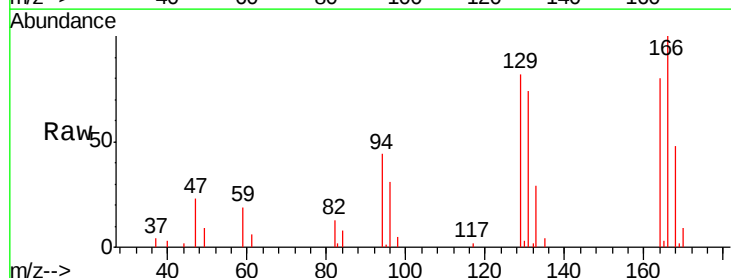
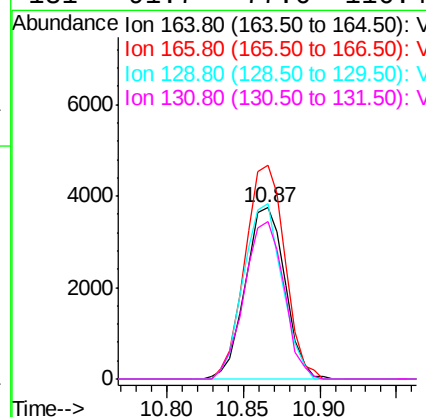
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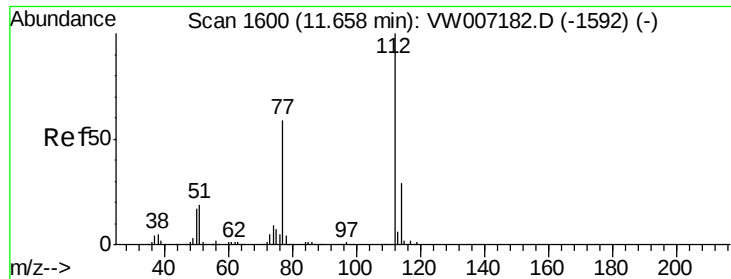
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#64
Tetrachloroethene
Concen: 5.277 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	6772		
166	124.6	101.0	151.4	
129	102.4	74.6	111.8	
131	91.7	77.6	116.4	





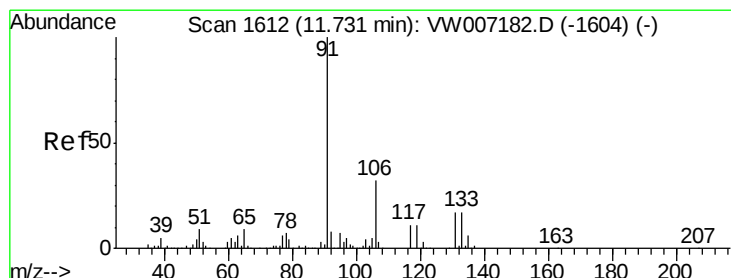
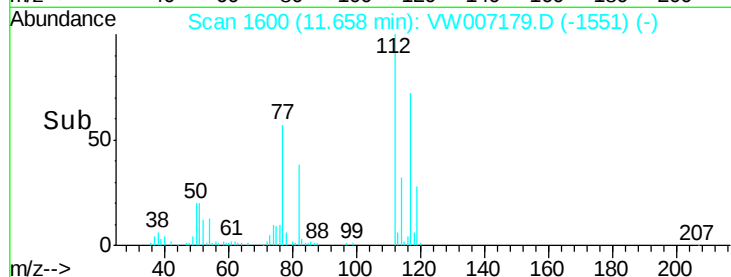
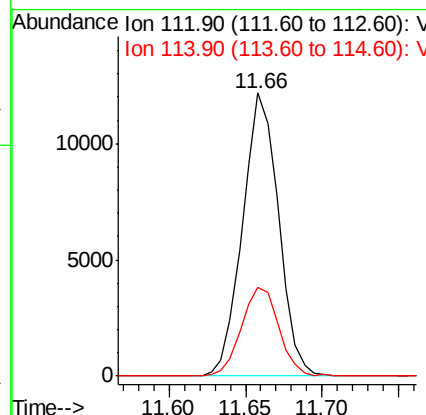
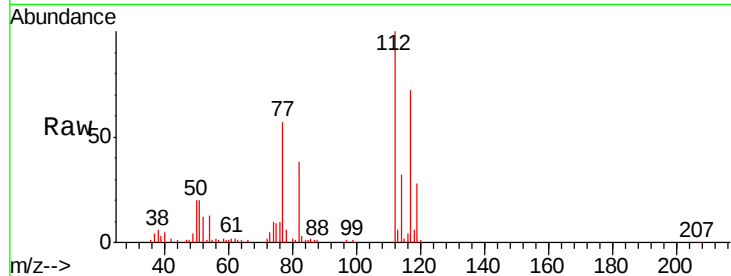
#65
Chlorobenzene
Concen: 5.063 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 19862
Ion Ratio Lower Upper
112 100
114 31.5 23.0 34.4

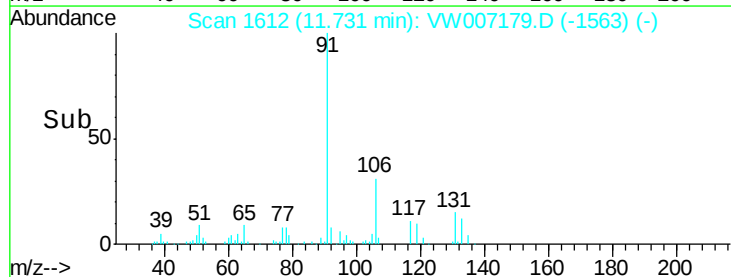
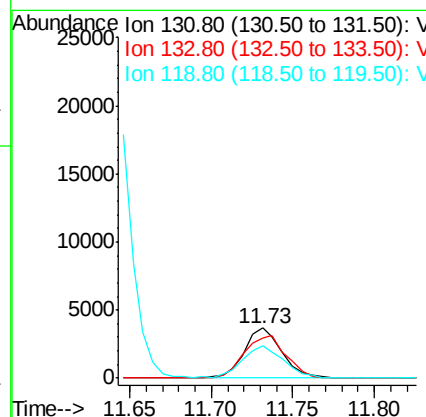
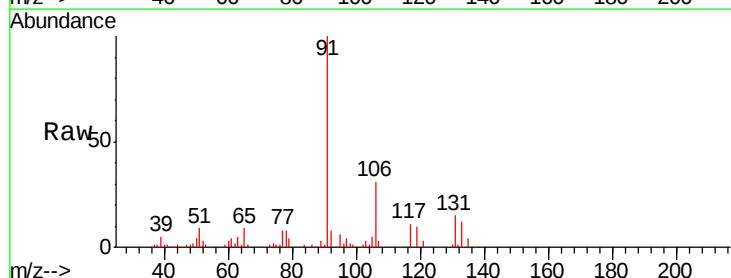
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.854 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion:131 Resp: 5881
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.2
119 70.8 32.8 98.4





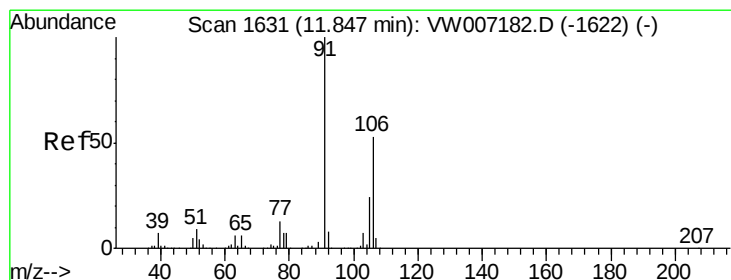
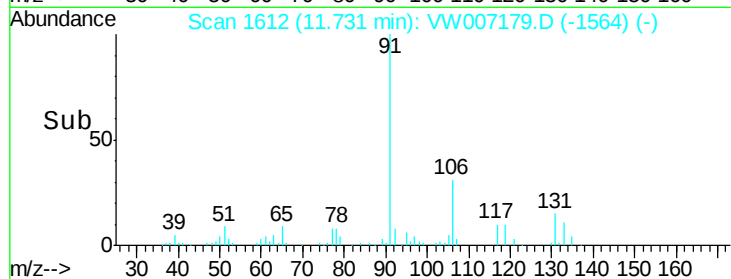
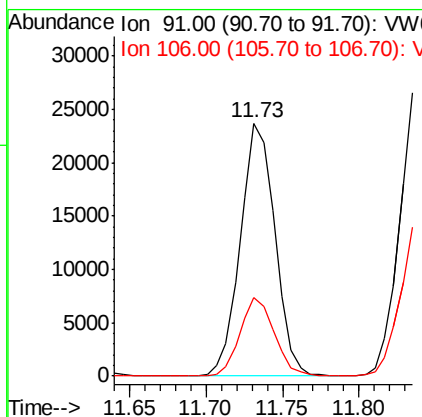
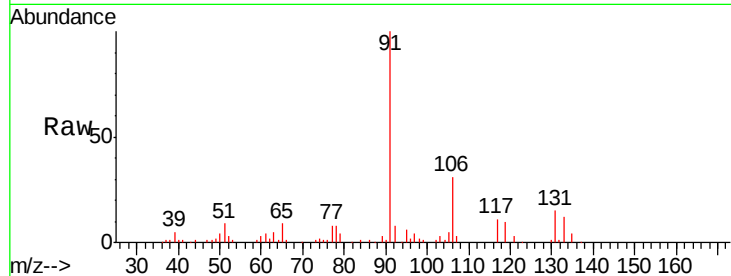
#67
Ethyl Benzene
Concen: 5.217 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 37299
Ion Ratio Lower Upper
91 100
106 31.0 26.0 39.0

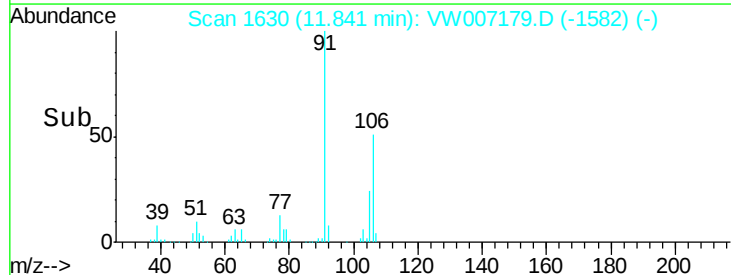
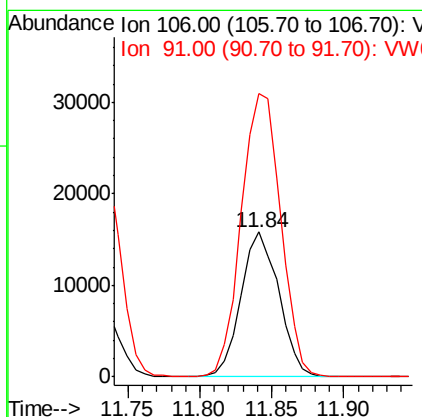
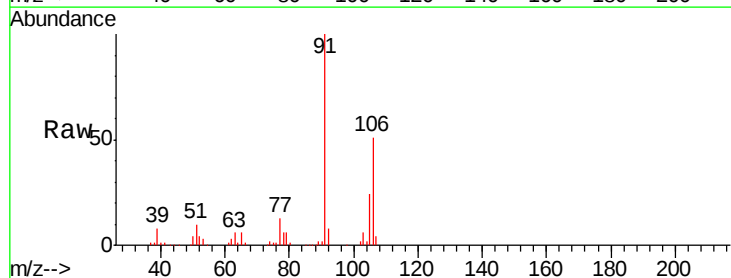
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#68
m/p-Xylenes
Concen: 10.309 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion: 106 Resp: 28915
Ion Ratio Lower Upper
106 100
91 203.2 160.2 240.4





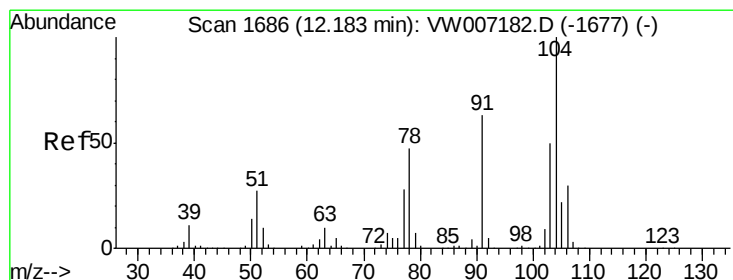
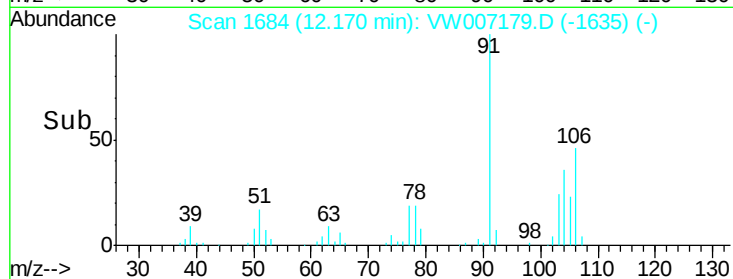
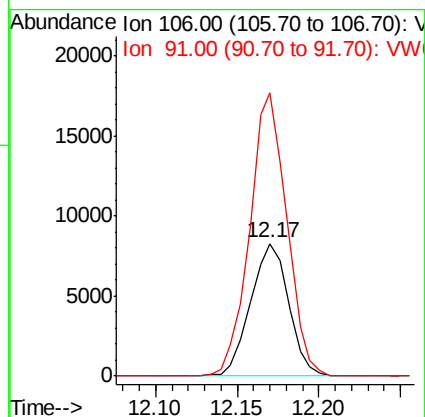
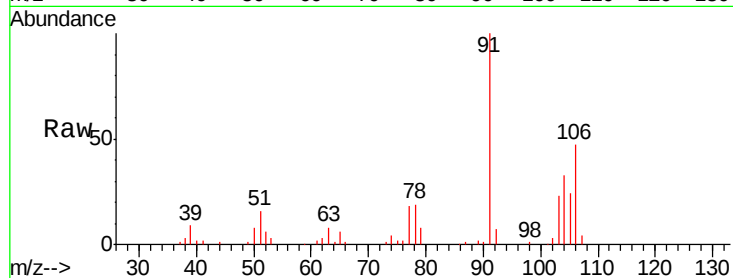
#69
o-Xylene
Concen: 5.117 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 13409
Ion Ratio Lower Upper
106 100
91 208.4 104.9 314.7

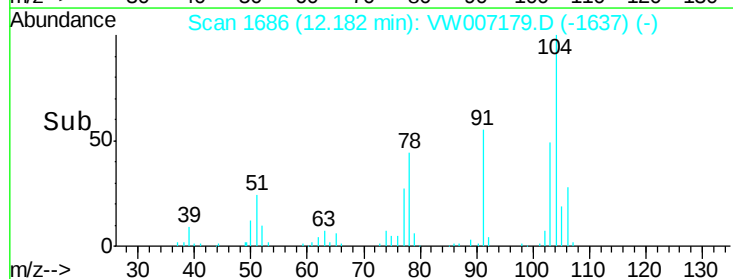
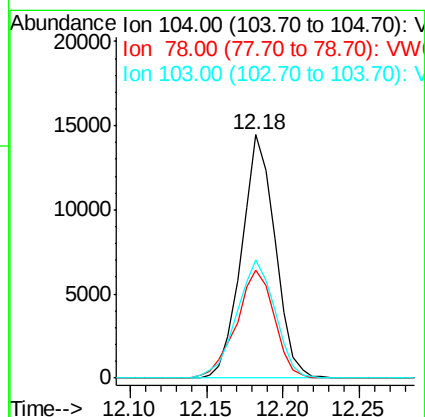
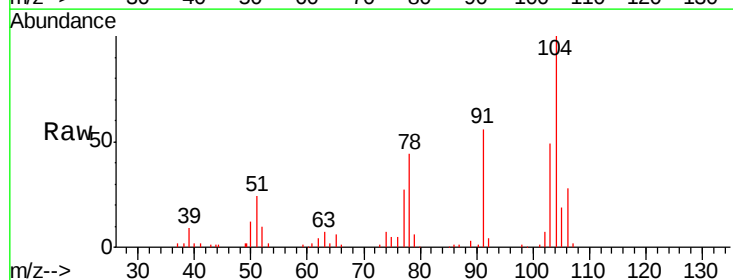
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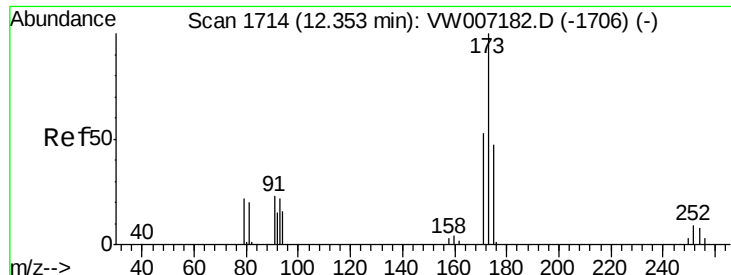
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#70
Styrene
Concen: 5.134 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion:104 Resp: 22026
Ion Ratio Lower Upper
104 100
78 50.1 40.6 60.8
103 54.9 43.0 64.4





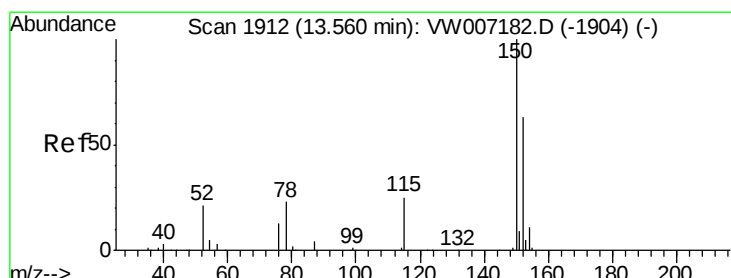
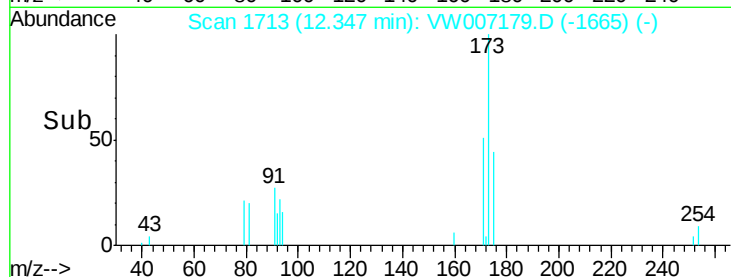
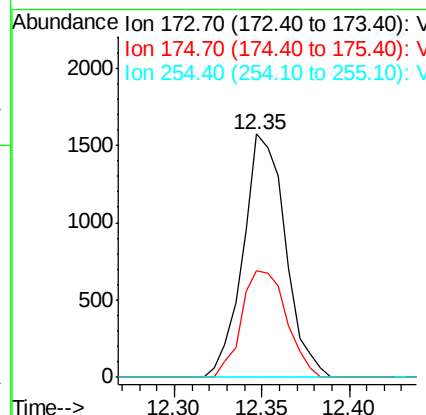
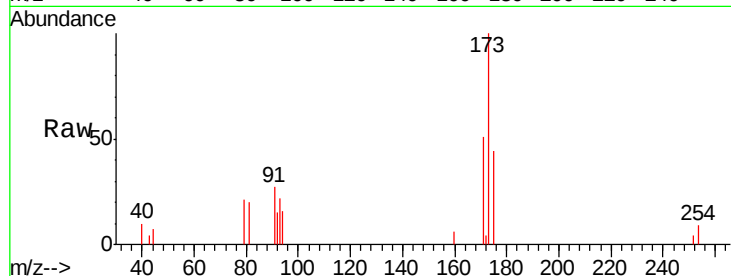
#71
Bromoform
Concen: 4.365 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.0	72.0
254	0.0	0.0	0.0

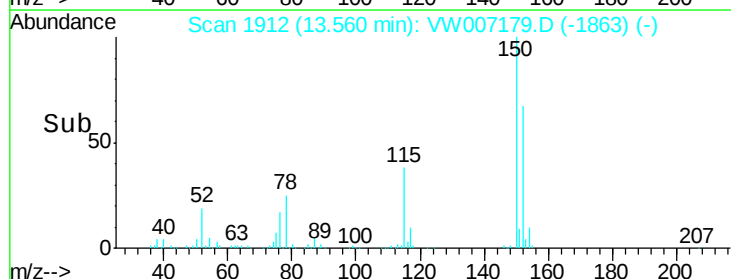
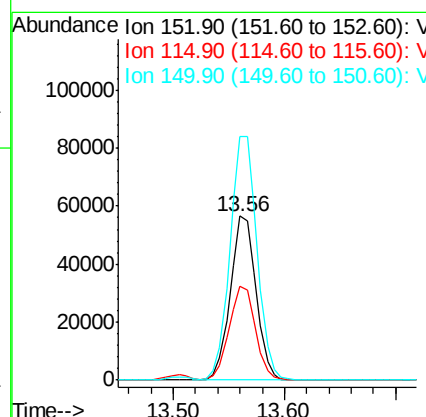
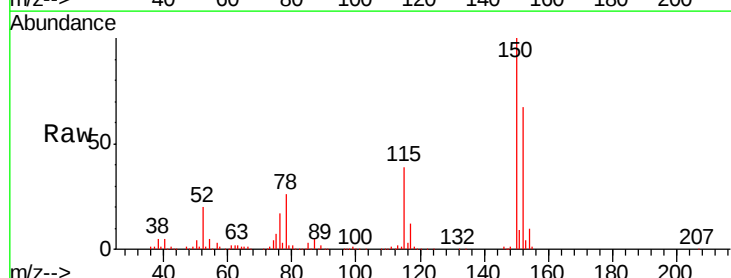
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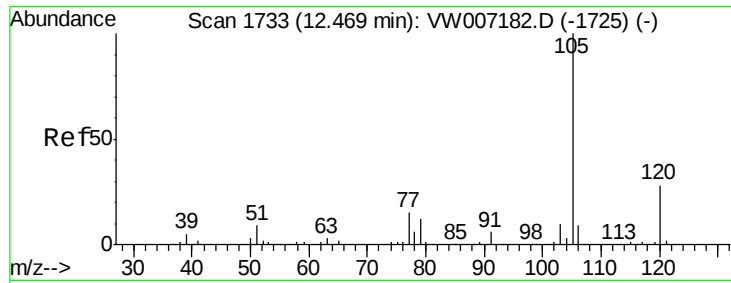
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	31.3	93.8
150	156.1	0.0	358.0





#73

Isopropylbenzene

Concen: 5.067 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 37192

Ion Ratio Lower Upper

105 100

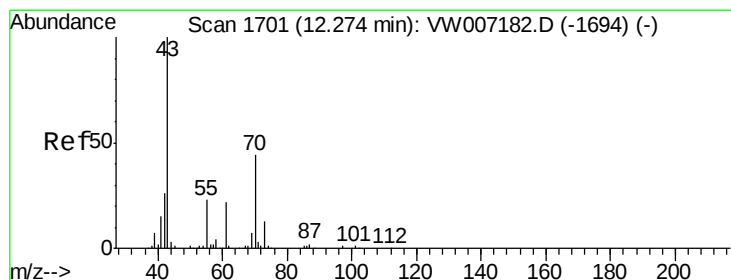
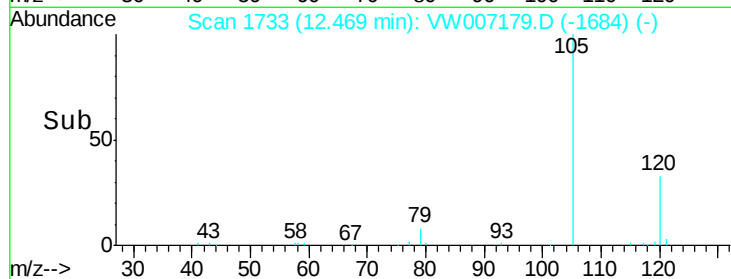
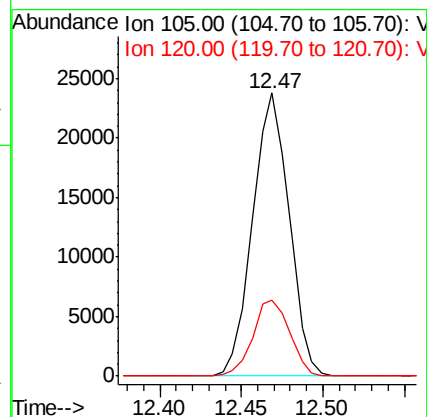
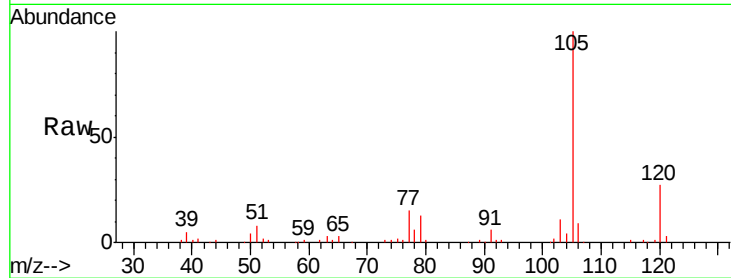
120 27.1 13.2 39.6

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#74

N-ethyl acetate

Concen: 4.601 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Tgt Ion: 43 Resp: 5987

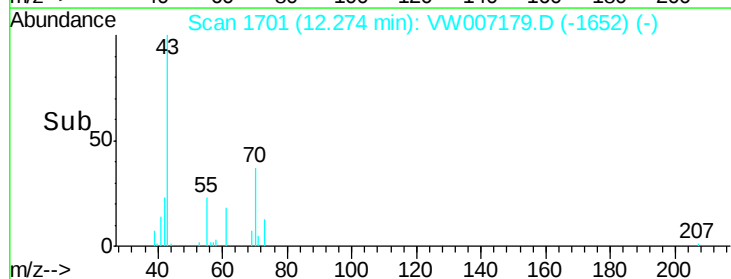
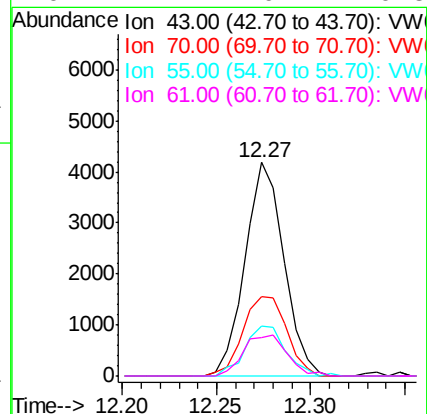
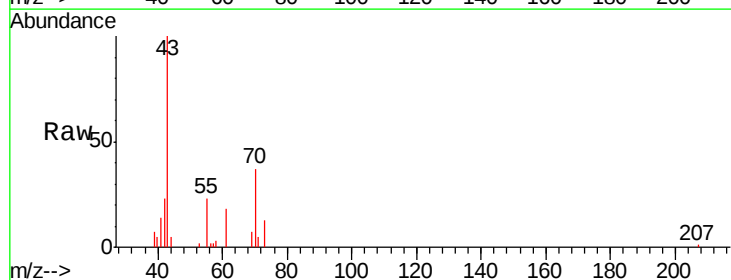
Ion Ratio Lower Upper

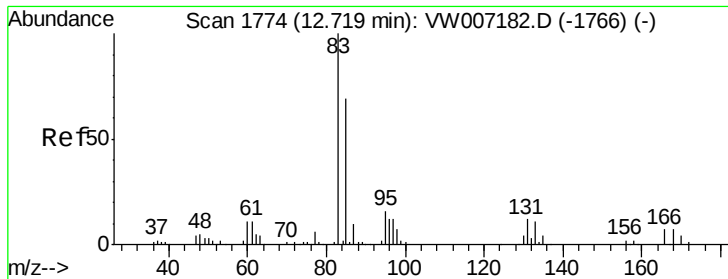
43 100

70 41.8 34.0 51.0

55 24.8 19.0 28.6

61 21.7 19.7 29.5





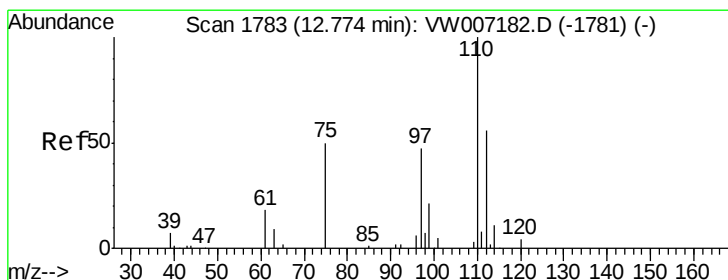
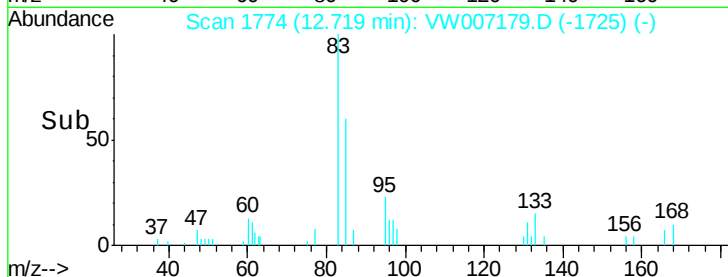
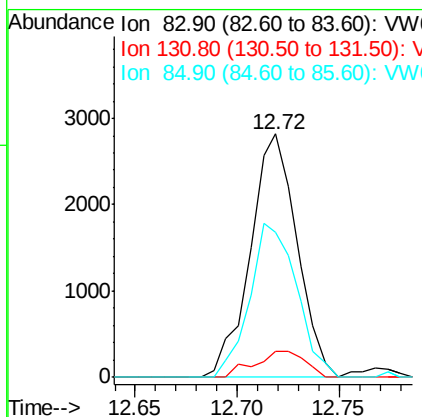
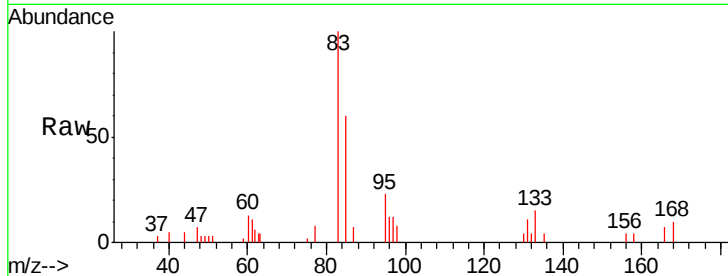
#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.718 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.5	6.0	18.1
85	63.6	33.0	99.0

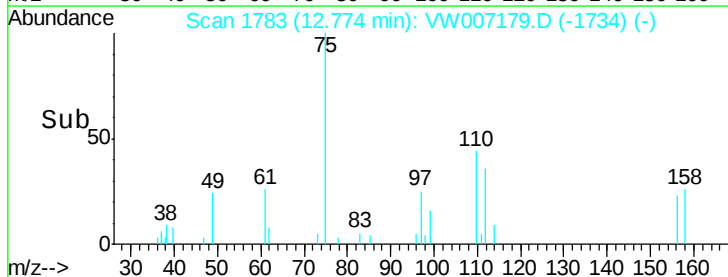
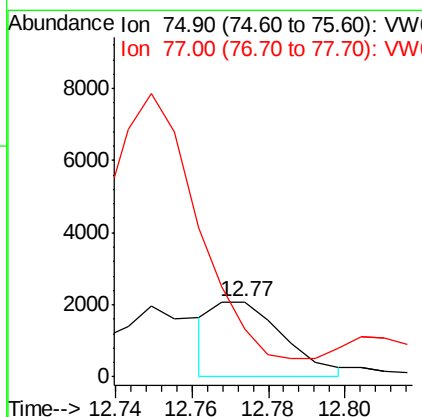
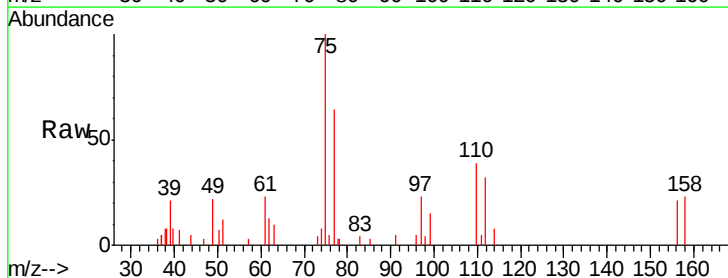
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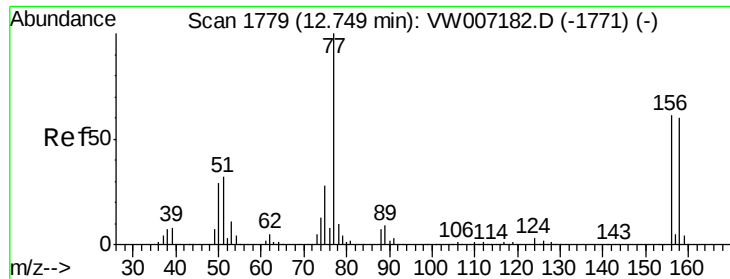
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 2.211 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.057 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

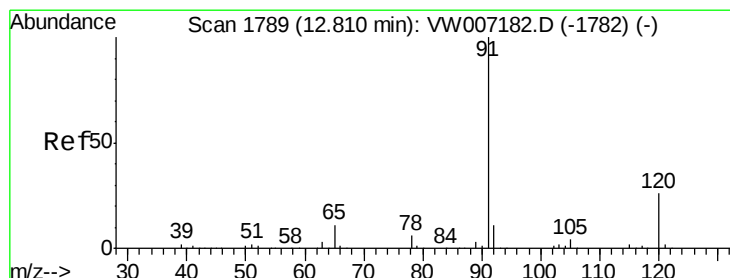
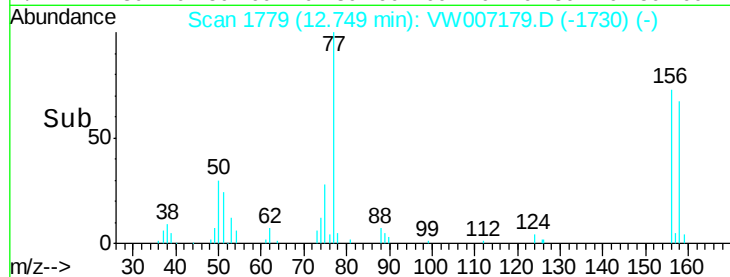
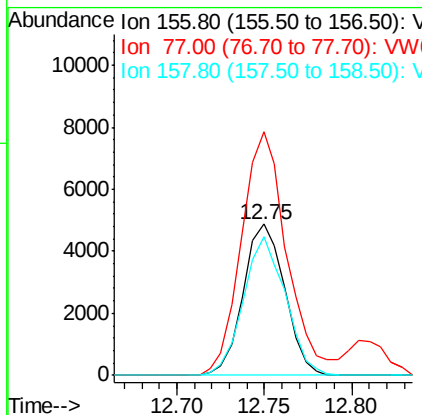
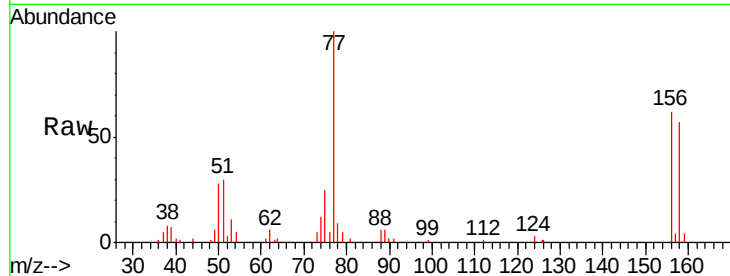
ClientSampleId :

VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	178.0	92.0	276.1
158	93.3	49.0	147.0

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#78

n-propylbenzene

Concen: 5.272 ug/l

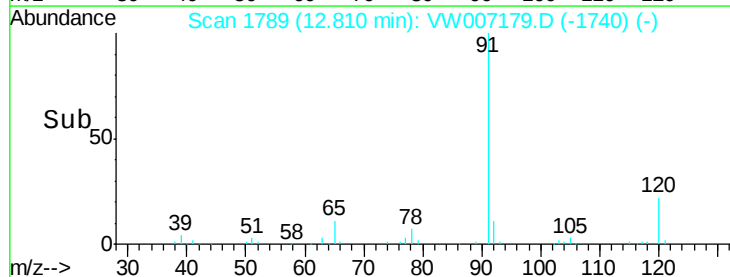
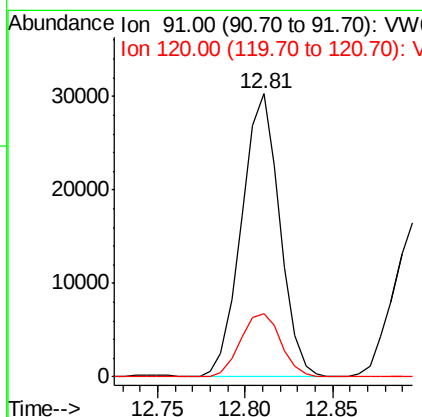
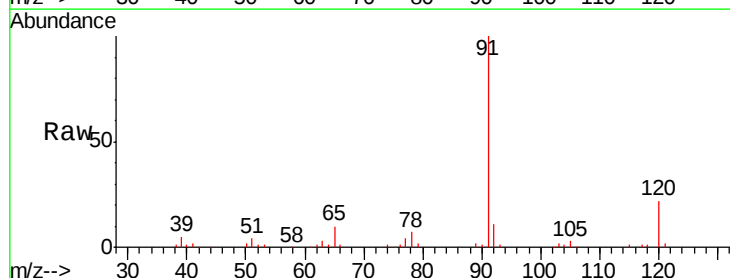
RT: 12.81 min Scan# 1789

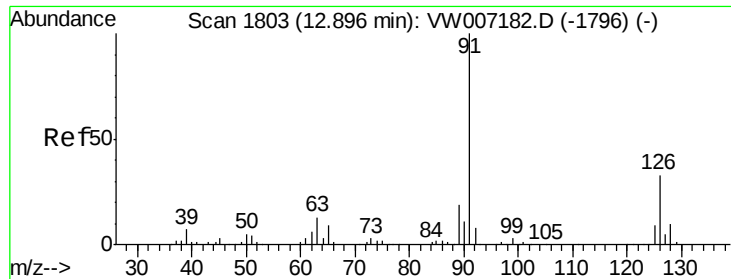
Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.5	37.5





#79

2-Chlorotoluene

Concen: 5.180 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007179.D

Acq: 04 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 25578

Ion Ratio Lower Upper

91 100

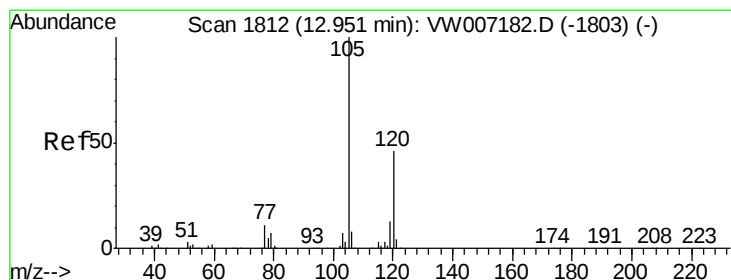
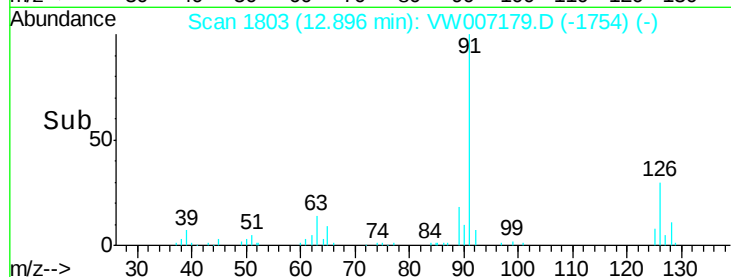
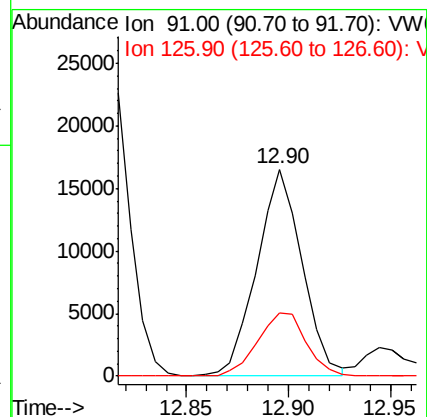
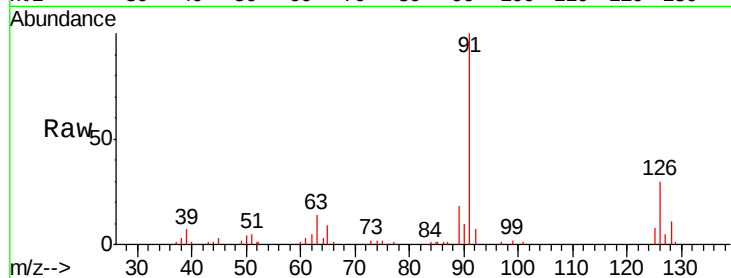
126 32.8 16.7 50.1

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#80

1,3,5-Trimethylbenzene

Concen: 5.180 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW007179.D

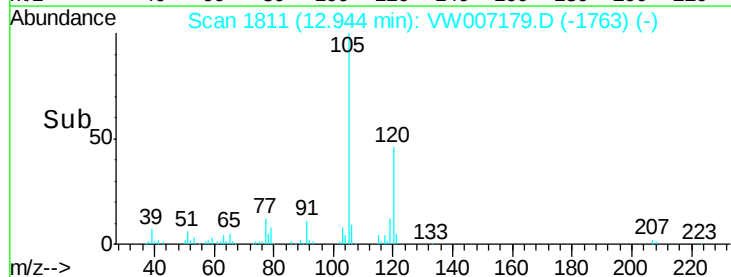
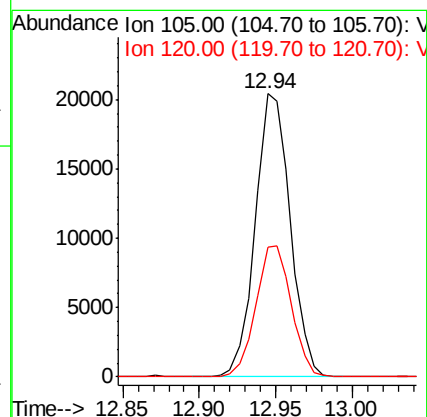
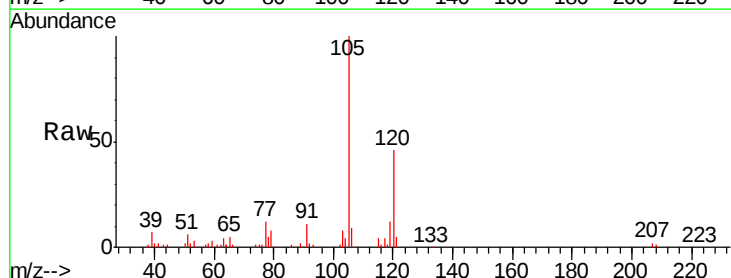
Acq: 04 Dec 2018 11:02

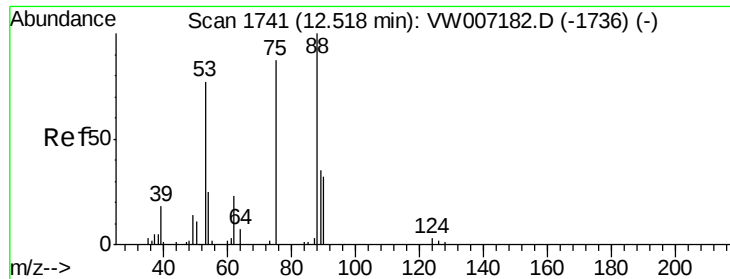
Tgt Ion: 105 Resp: 32524

Ion Ratio Lower Upper

105 100

120 47.0 23.8 71.5





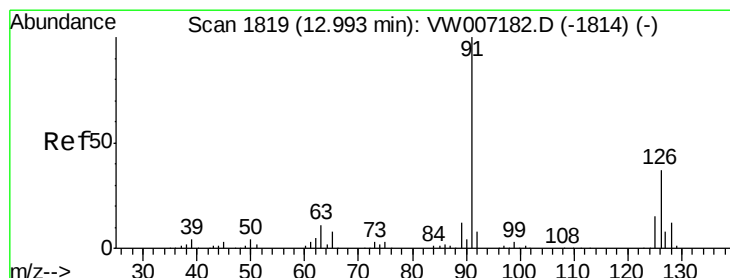
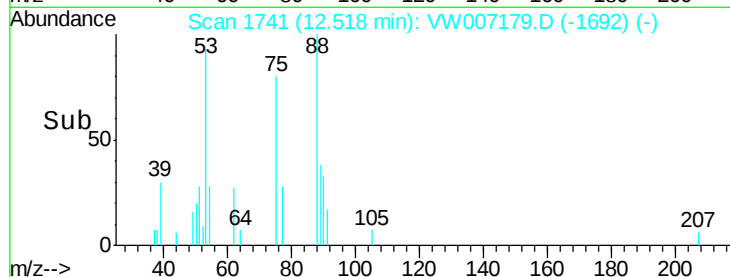
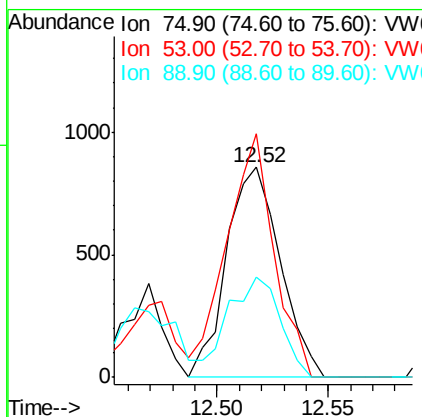
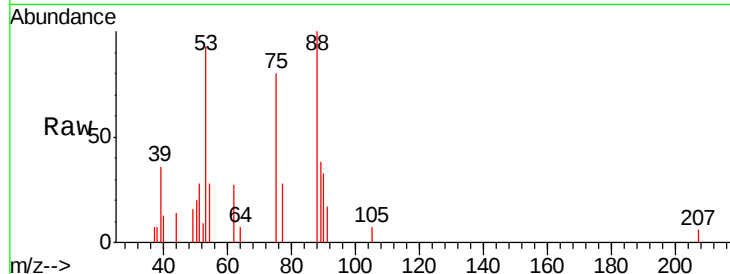
#81
trans-1,4-Dichloro-2-butene
Concen: 4.436 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.0	72.8	109.2
89	45.1	36.4	54.6

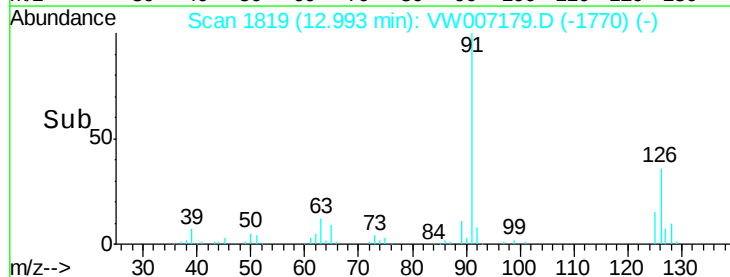
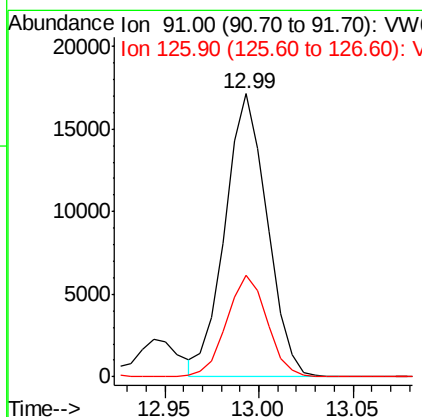
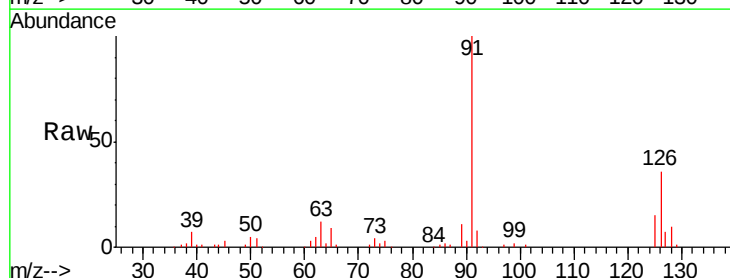
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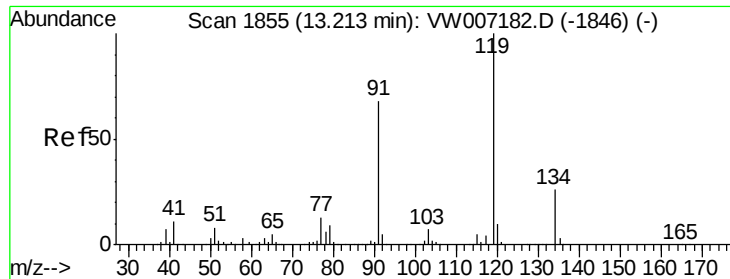
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#82
4-Chlorotoluene
Concen: 5.059 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.4	52.3





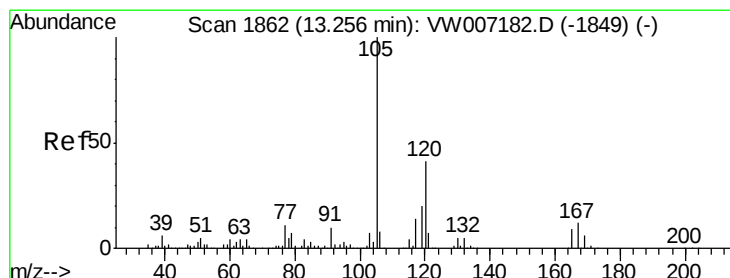
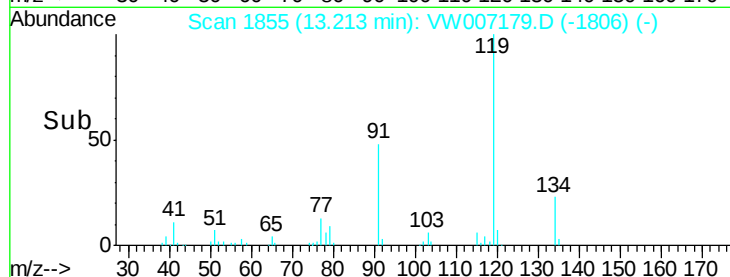
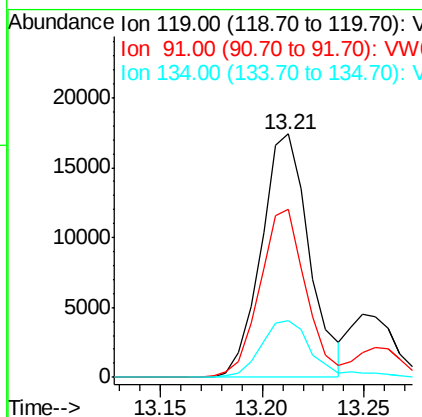
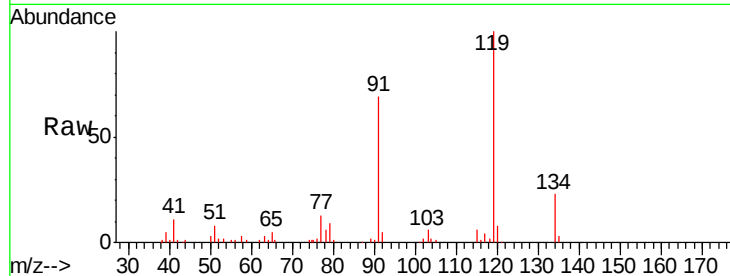
#83
tert-Butylbenzene
Concen: 5.206 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	28565		
91	65.9	34.0	101.8	
134	25.2	13.2	39.5	

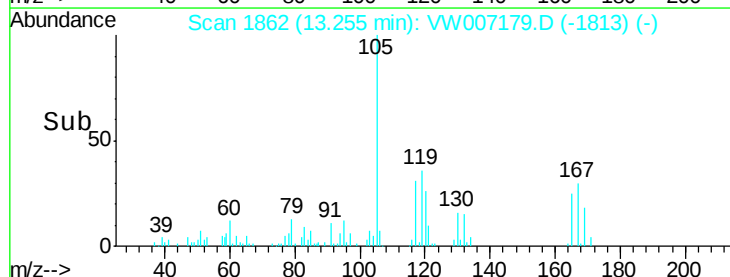
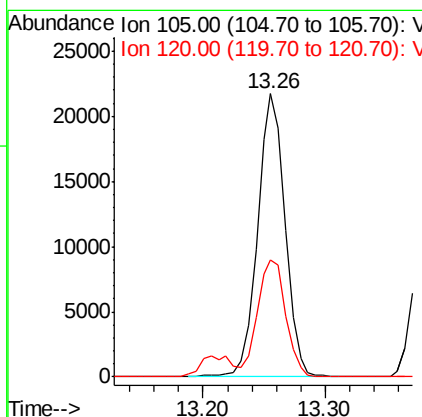
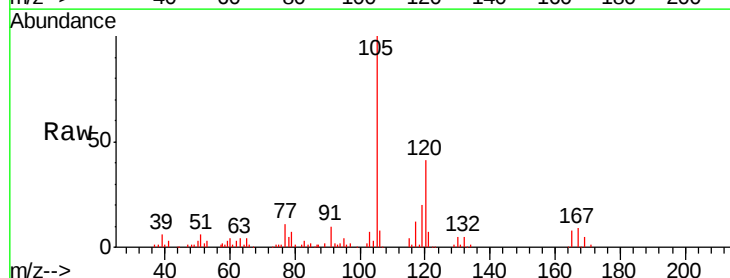
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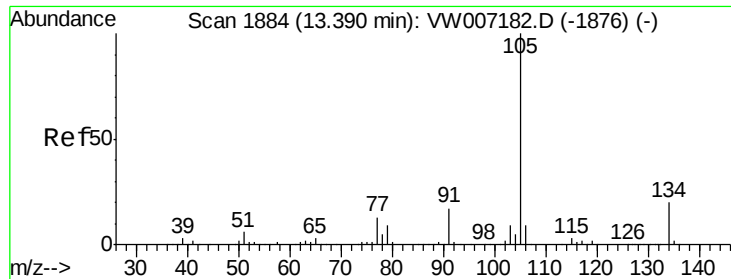
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#84
1,2,4-Trimethylbenzene
Concen: 5.293 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	33924		
120	42.3	21.1	63.3	





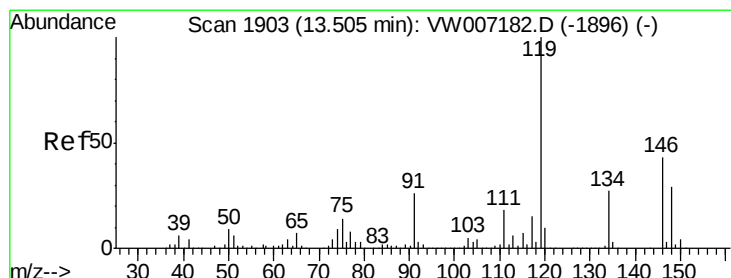
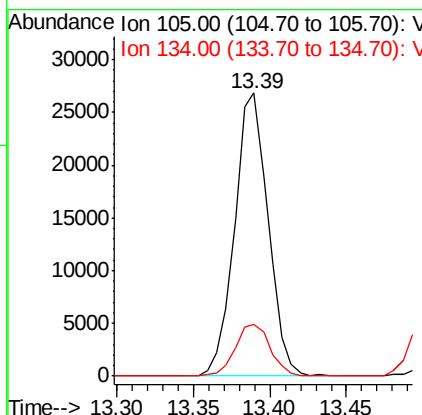
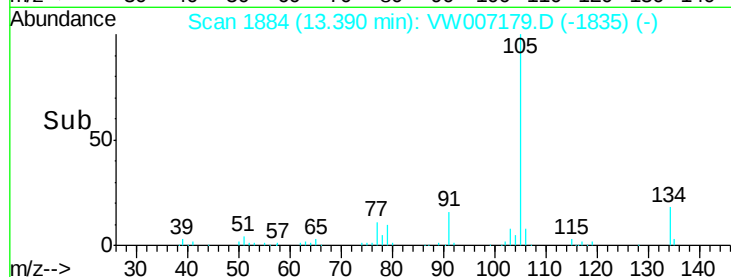
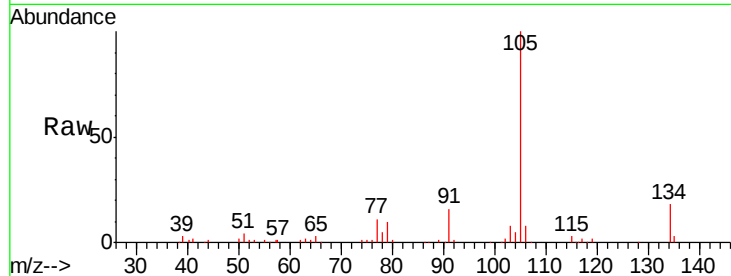
#85
 sec-Butylbenzene
 Concen: 5.188 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 40642
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.3 30.8

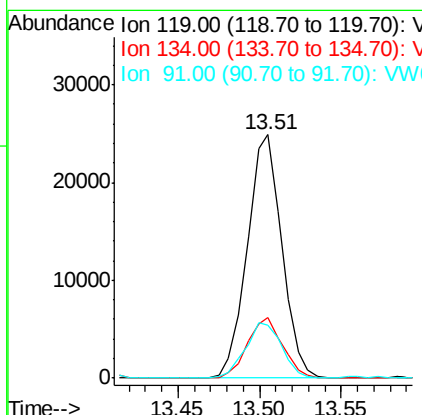
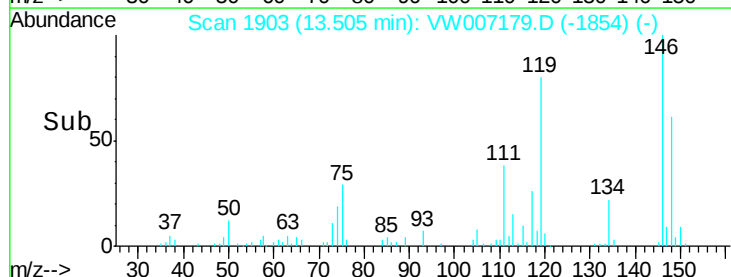
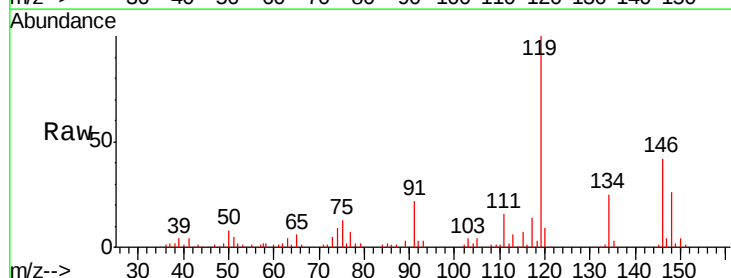
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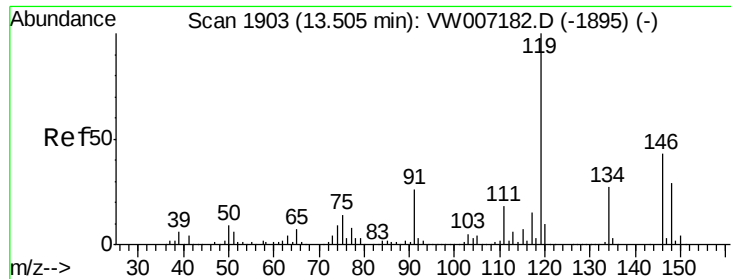
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#86
 p-Isopropyltoluene
 Concen: 5.270 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Tgt Ion:119 Resp: 36746
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.6
 91 24.2 12.4 37.2





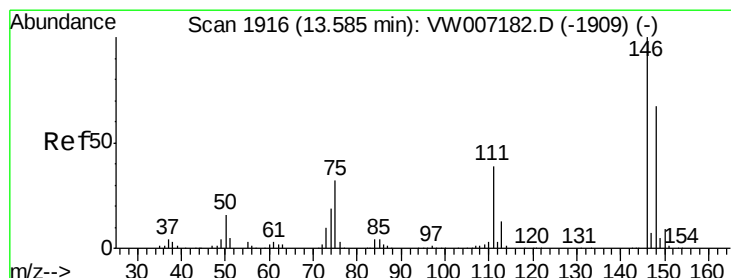
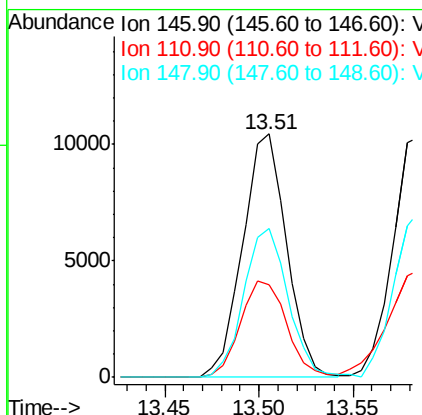
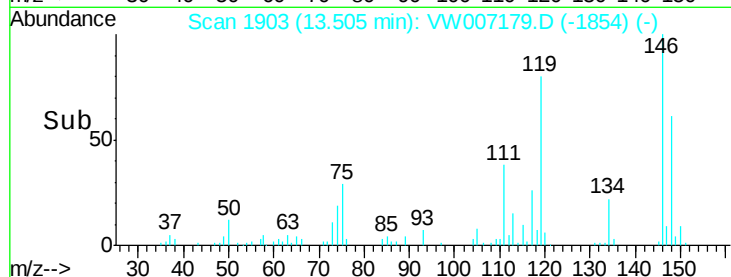
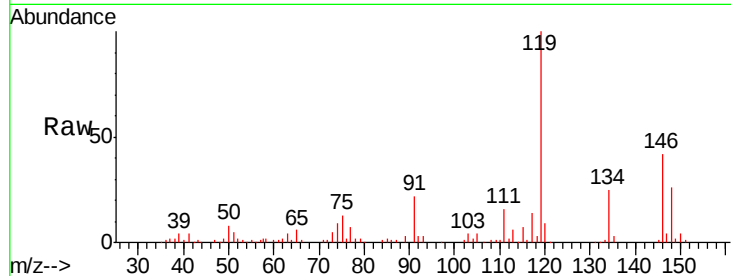
#87
 1,3-Dichlorobenzene
 Concen: 5.194 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.4
148	61.6	32.8	98.4

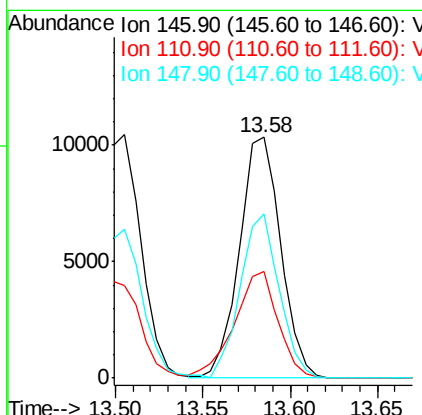
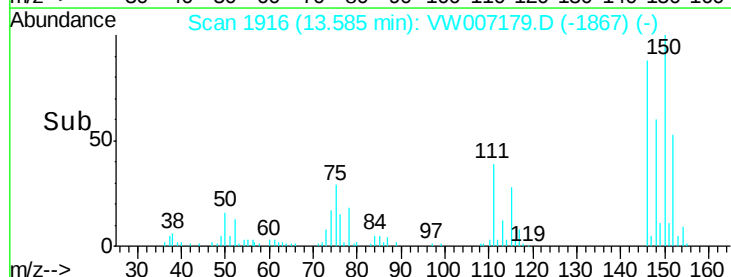
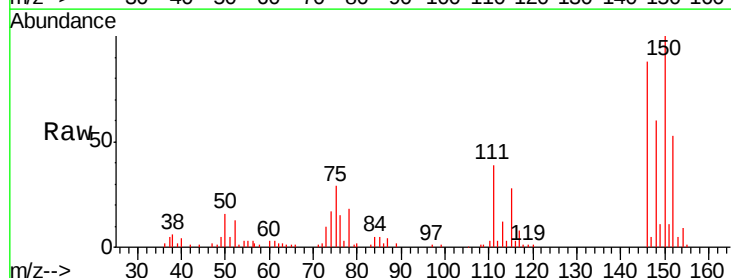
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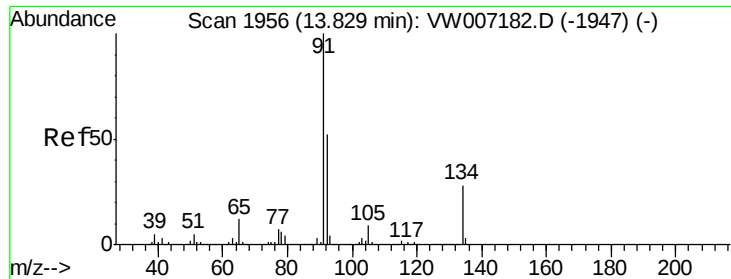
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#88
 1,4-Dichlorobenzene
 Concen: 5.197 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.6	19.6	58.8
148	64.6	32.6	98.0





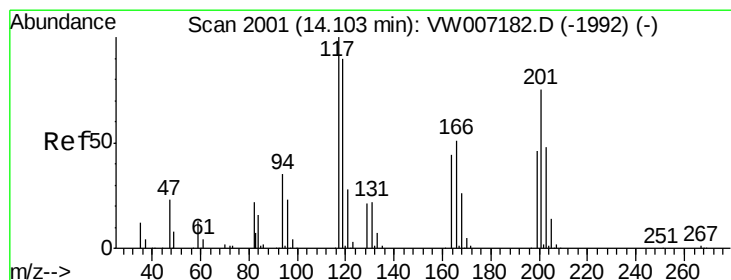
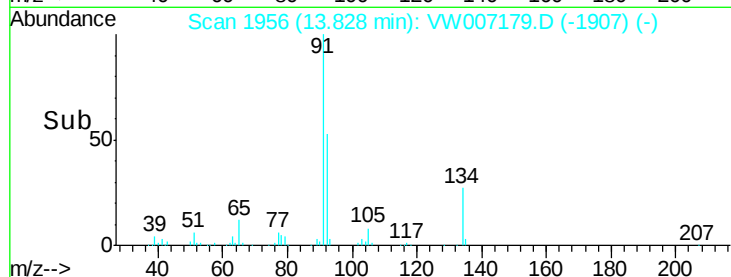
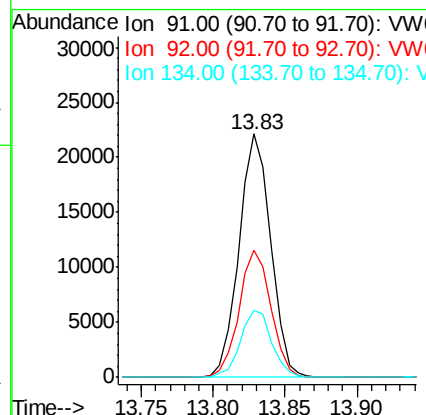
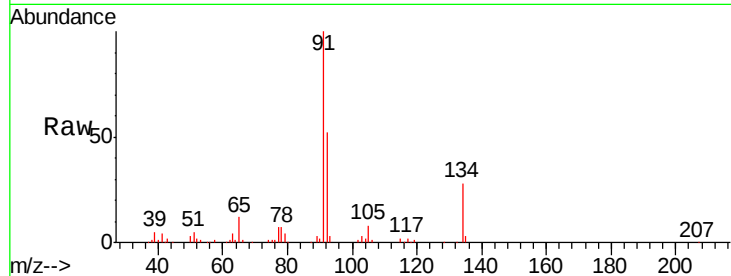
#89
n-Butylbenzene
Concen: 5.205 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.5	79.5
134	27.2	14.1	42.2

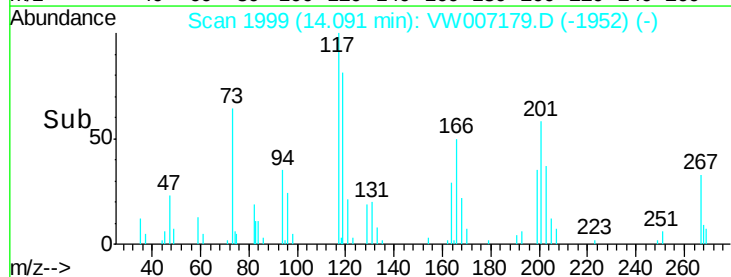
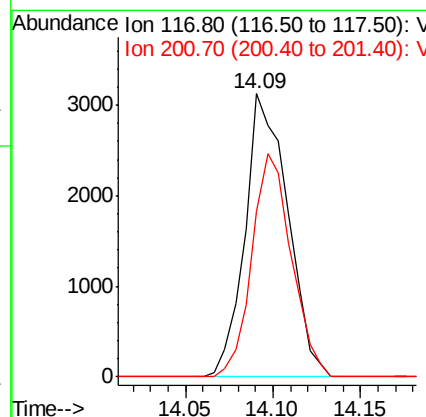
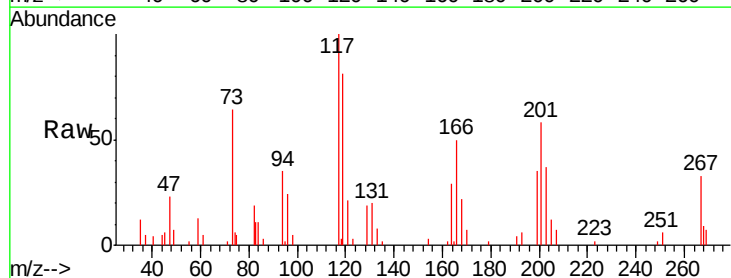
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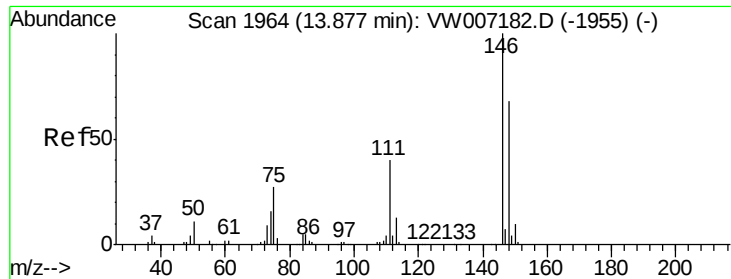
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#90
Hexachloroethane
Concen: 4.987 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.1	36.0	108.1





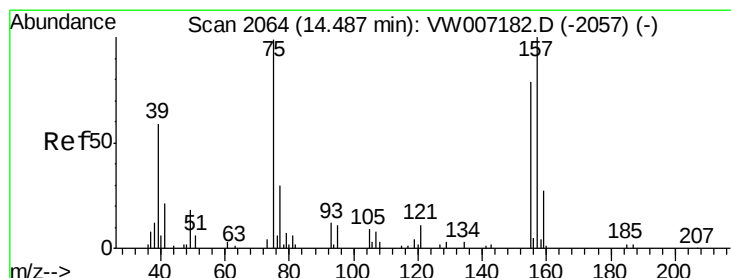
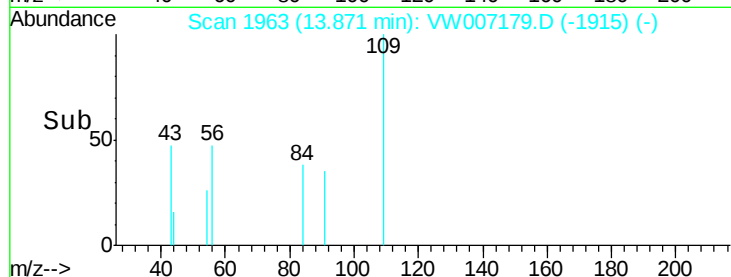
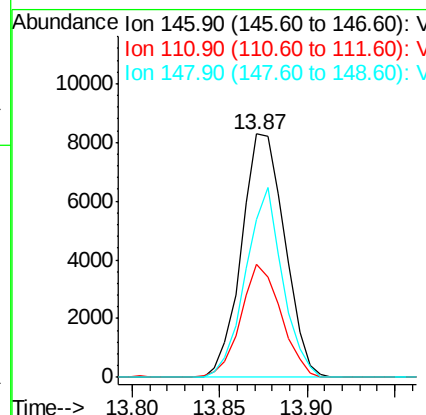
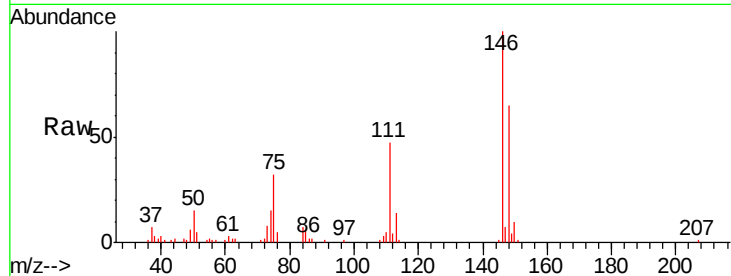
#91
 1,2-Dichlorobenzene
 Concen: 5.066 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	65.0
148	66.5	32.7	98.1

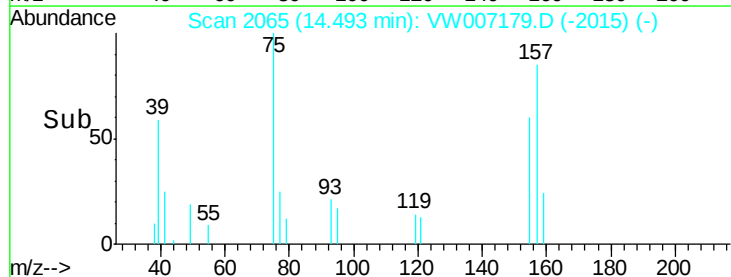
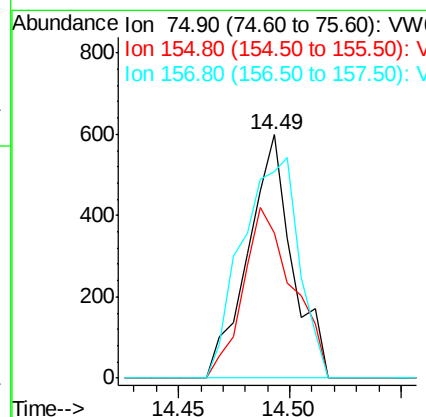
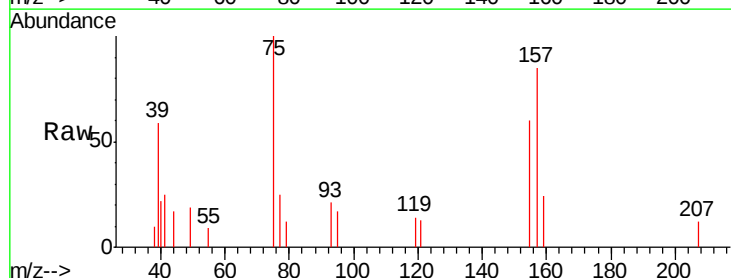
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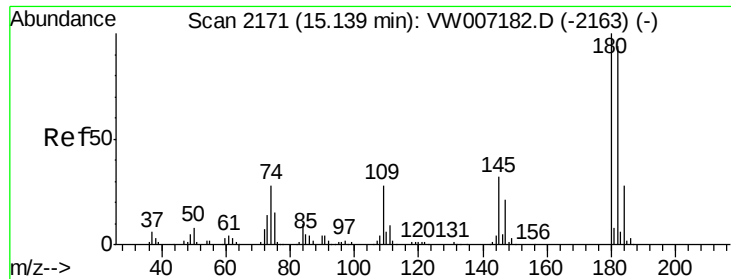
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.500 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	42.4	127.2
157	116.0	55.3	165.9





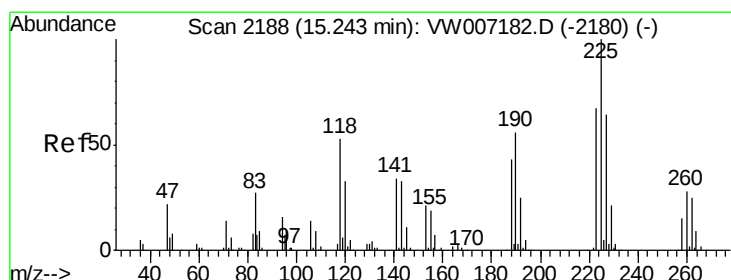
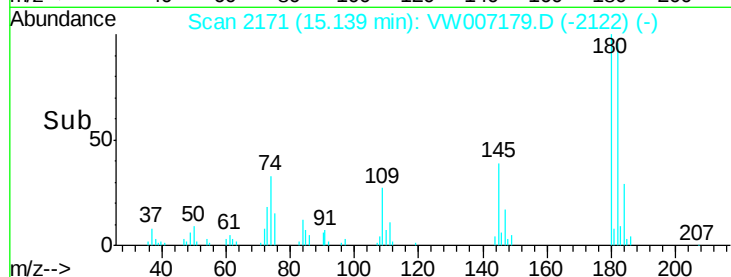
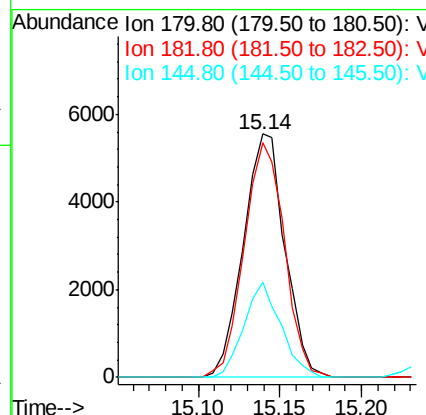
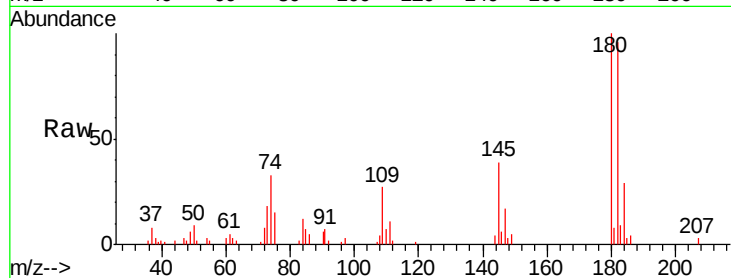
#93
 1,2,4-Trichlorobenzene
 Concen: 5.045 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.9	143.8
145	34.9	16.6	49.7

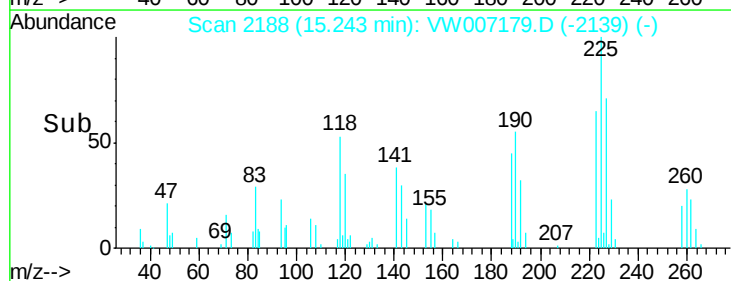
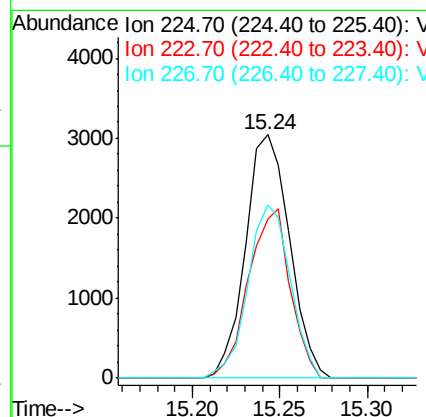
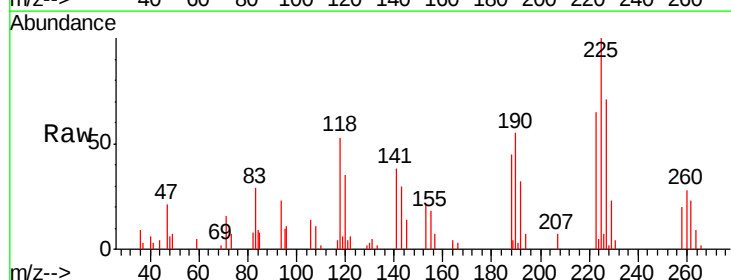
Manual Integrations
 APPROVED

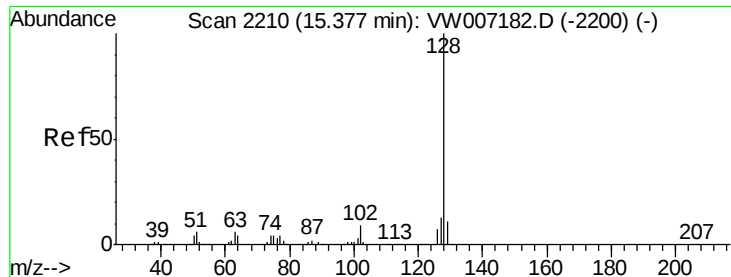
apatel
 12/5/2018 12:43:26 PM



#94
 Hexachlorobutadiene
 Concen: 5.064 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007179.D
 Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.3	96.8
227	68.5	32.1	96.3





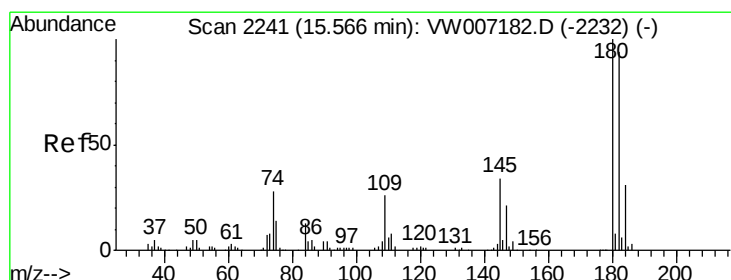
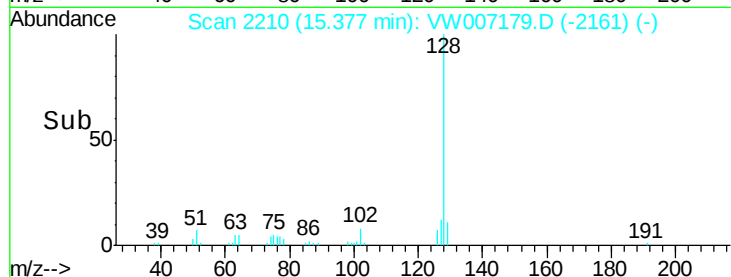
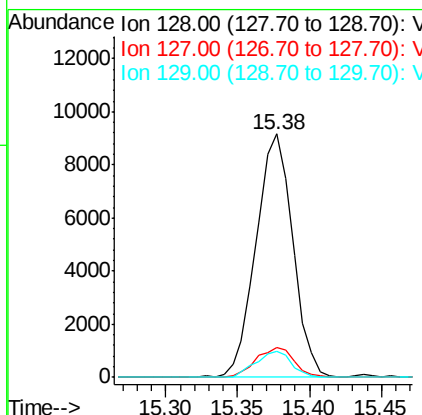
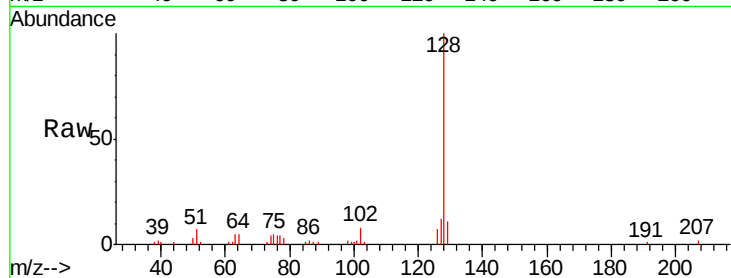
#95
Naphthalene
Concen: 4.632 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	16197		
127	12.7	10.3	15.5	
129	10.5	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.067 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007179.D
Acq: 04 Dec 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	8336		
182	90.0	47.4	142.2	
145	34.5	17.6	52.8	

