

Data File : VW007525.D
Acq On : 14 Dec 2018 10:49
Operator : SY/AP
Sample : VW1217SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Manual Integrations
APPROVED

sam
1/8/2019 9:19:56 AM

Quant Time: Jan 08 04:14:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	105751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38725	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.88	113	35528	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.32	98	133845	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.62	95	52367	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10299	21.143	ug/l	92
3) Chloromethane	2.21	50	8636	21.169	ug/l	92
4) Vinyl Chloride	2.37	62	10419	21.763	ug/l	89
5) Bromomethane	2.78	94	6937	21.566	ug/l	87
6) Chloroethane	2.93	64	5747	21.808	ug/l	99
7) Trichlorofluoromethane	3.25	101	8727	20.276	ug/l	92
8) Diethyl Ether	3.68	74	7343	21.797	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	14611	20.573	ug/l	94
10) Methyl Iodide	4.26	142	25578	21.746	ug/l	99
11) Tert butyl alcohol	5.18	59	5709	107.492	ug/l	97
12) 1,1-Dichloroethene	4.03	96	14752	21.574	ug/l	94
13) Acrolein	3.89	56	3027	86.134	ug/l	96
14) Allyl chloride	4.66	41	21256	21.089	ug/l	96
15) Acrylonitrile	5.37	53	15543	109.448	ug/l	99
16) Acetone	4.12	43	13557	100.366	ug/l	91
17) Carbon Disulfide	4.37	76	43892	21.170	ug/l	100
18) Methyl Acetate	4.67	43	9736	26.557	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	23337	22.624	ug/l	98
20) Methylene Chloride	4.91	84	17649	21.673	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	16142	21.103	ug/l	97
22) Diisopropyl ether	6.31	45	40744	21.031	ug/l	95
23) Vinyl Acetate	6.25	43	110214	101.708	ug/l	95
24) 1,1-Dichloroethane	6.21	63	27517	21.015	ug/l	98
25) 2-Butanone	7.17	43	18681	105.936	ug/l	94
26) 2,2-Dichloropropane	7.17	77	16345	18.862	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	17759	21.203	ug/l	100
28) Bromochloromethane	7.51	49	9974	20.251	ug/l	99
29) Tetrahydrofuran	7.52	42	12104	108.423	ug/l	95
30) Chloroform	7.68	83	30197	21.192	ug/l	96
31) Cyclohexane	7.95	56	24222	20.162	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	27182	21.753	ug/l	99
36) 1,1-Dichloropropene	8.08	75	22870	22.153	ug/l	98
37) Ethyl Acetate	7.25	43	8798	22.913	ug/l	98
38) Carbon Tetrachloride	8.07	117	25522	22.720	ug/l	94

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27816	22.251	ug/l	89
40) Benzene	8.32	78	63809	22.271	ug/l	99
41) Methacrylonitrile	7.49	41	5072	23.196	ug/l	98
42) 1,2-Dichloroethane	8.40	62	20375	22.639	ug/l	98
43) Isopropyl Acetate	8.43	43	17049	22.478	ug/l	100
44) Trichloroethene	9.09	130	18533	22.653	ug/l	98
45) 1,2-Dichloropropane	9.37	63	15006	22.633	ug/l	100
46) Dibromomethane	9.46	93	8821	23.428	ug/l	98
47) Bromodichloromethane	9.65	83	21886	22.161	ug/l #	92
48) Methyl methacrylate	9.44	41	8724	22.396	ug/l	96
49) 1,4-Dioxane	9.44	88	2812	460.293	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	40954	114.275	ug/l	99
52) Toluene	10.39	92	40870	22.043	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	21570	22.497	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	23634	21.323	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	12283	23.970	ug/l	94
56) Ethyl methacrylate	10.65	69	15017	24.381	ug/l	98
57) 1,3-Dichloropropane	10.93	76	20195	24.011	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	29845	105.076	ug/l	98
59) 2-Hexanone	10.97	43	28261	118.262	ug/l	99
60) Dibromochloromethane	11.13	129	15687	24.257	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12169	24.030	ug/l	98
64) Tetrachloroethene	10.86	164	17147	22.547	ug/l	94
65) Chlorobenzene	11.66	112	48154	21.847	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	17107	22.036	ug/l	100
67) Ethyl Benzene	11.73	91	83446	22.020	ug/l	93
68) m/p-Xylenes	11.84	106	65423	44.408	ug/l	99
69) o-Xylene	12.16	106	30708	22.318	ug/l	98
70) Styrene	12.18	104	50735	22.829	ug/l	98
71) Bromoform	12.35	173	9120	22.952	ug/l #	97
73) Isopropylbenzene	12.47	105	86798	21.476	ug/l	99
74) N-amyl acetate	12.27	43	15695	21.368	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	14192	23.708	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	10768m	24.759	ug/l	
77) Bromobenzene	12.75	156	19785	22.085	ug/l	96
78) n-propylbenzene	12.80	91	100664	22.132	ug/l	99
79) 2-Chlorotoluene	12.90	91	59174	21.501	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	74709	21.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3866	19.636	ug/l	94
82) 4-Chlorotoluene	12.99	91	61354	21.149	ug/l	97
83) tert-Butylbenzene	13.21	119	65820	21.996	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	75463	21.594	ug/l	99
85) sec-Butylbenzene	13.39	105	90414	22.134	ug/l	95
86) p-Isopropyltoluene	13.50	119	80673	21.983	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	39337	22.023	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	39413	21.949	ug/l	96
89) n-Butylbenzene	13.83	91	72455	21.298	ug/l	99
90) Hexachloroethane	14.10	117	13764	21.080	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	34694	21.686	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2716	22.609	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Quantitation Report (QT Reviewed)

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23184	21.058	ug/l	96
94) Hexachlorobutadiene	15.24	225	12391	21.212	ug/l	98
95) Naphthalene	15.37	128	47171	22.396	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	20530	21.466	ug/l	96

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

Data File : VW007525.D

Acq On : 14 Dec 2018 10:49

Operator : SY/AP

Sample : VW1217SBSD01

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 51      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD01

Manual Integrations
APPROVED

1/8/2019 9:19:56 AM

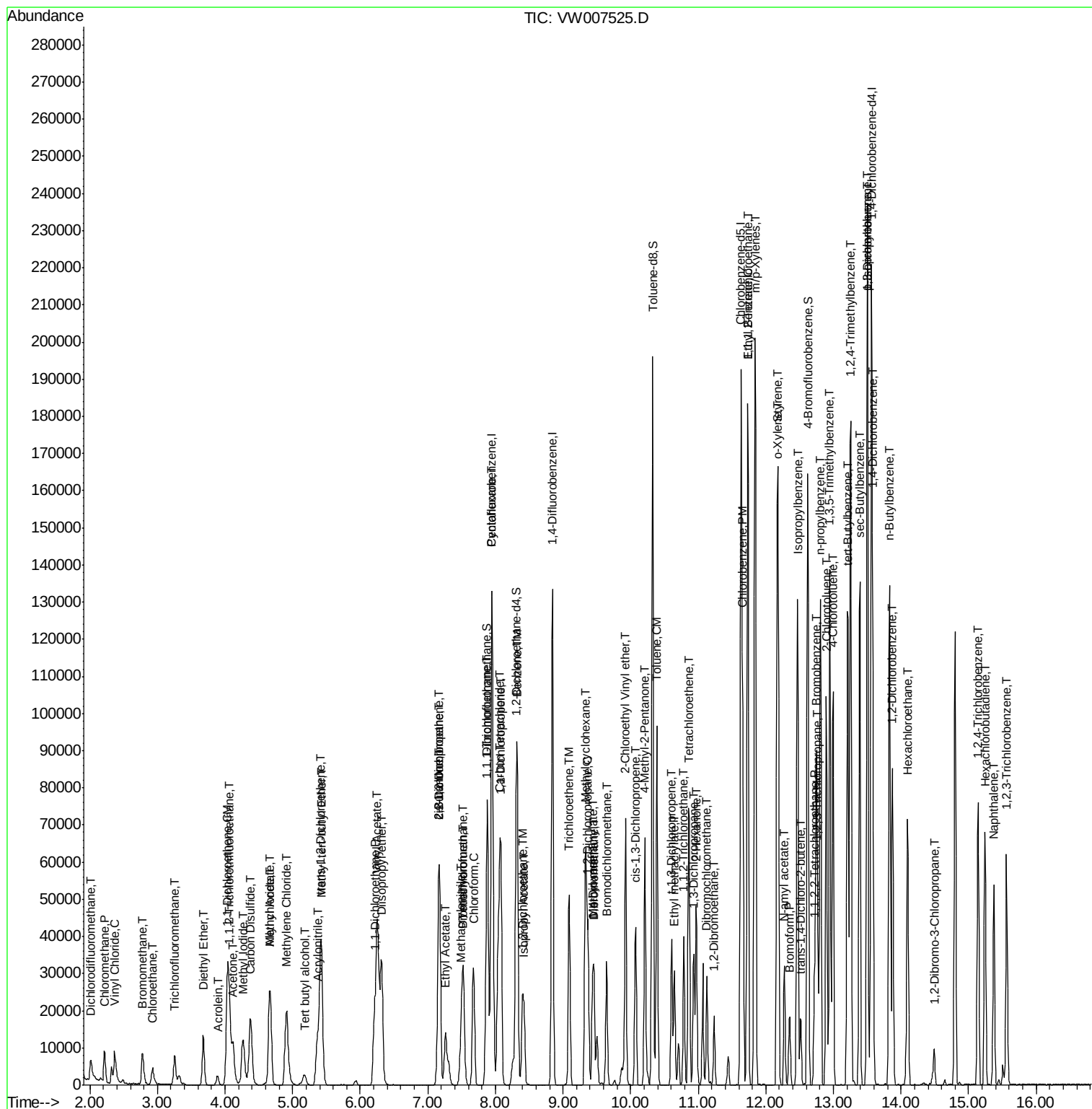
Quant Time: Jan 08 04:14:36 2019

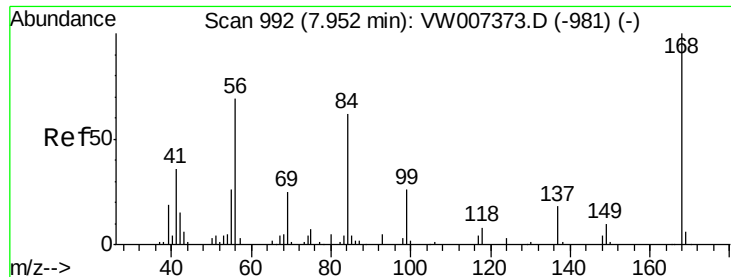
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Quant Title : SW846 8260

QLast Update : Tue Dec 11 02:58:16 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD01

Tgt Ion: 168 Resp: 69705

Ion Ratio Lower Upper

168 100

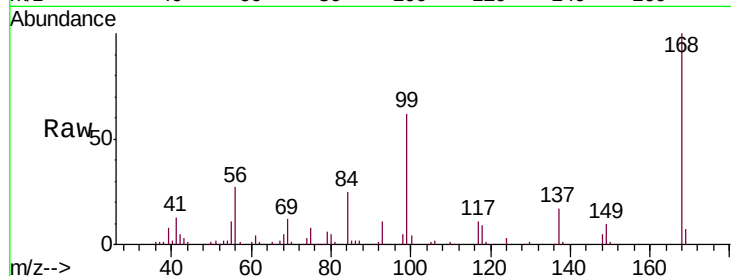
99 62.1 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

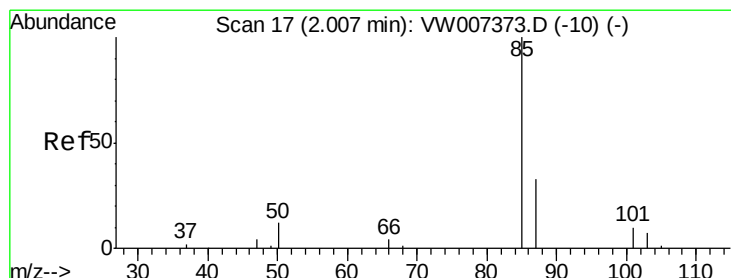
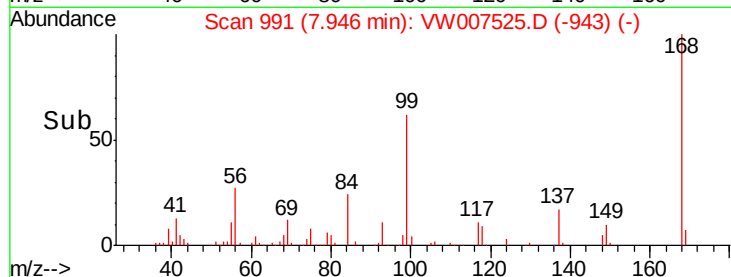
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 21.143 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007525.D

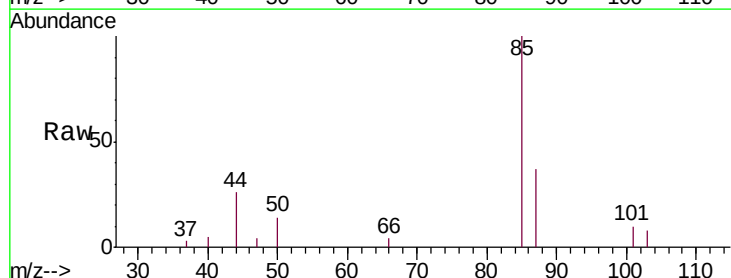
Acq: 14 Dec 2018 10:49

Tgt Ion: 85 Resp: 10299

Ion Ratio Lower Upper

85 100

87 37.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

3000

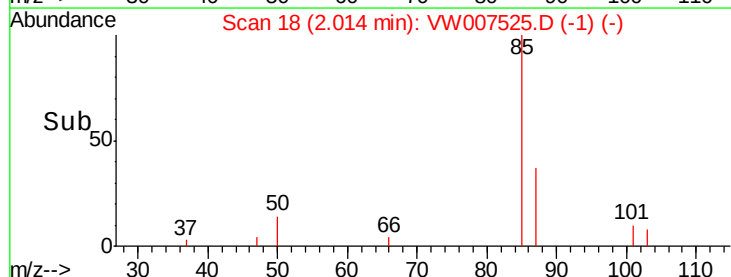
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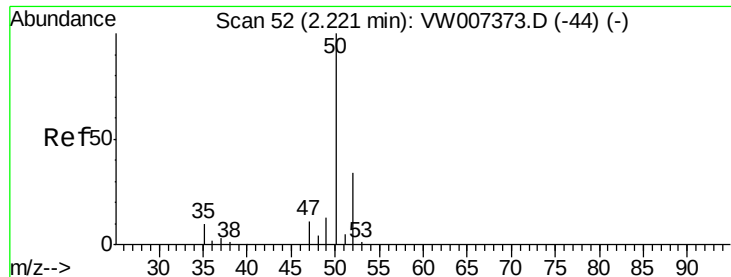
1000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.169 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD01

Tgt Ion: 50 Resp: 8636

Ion Ratio Lower Upper

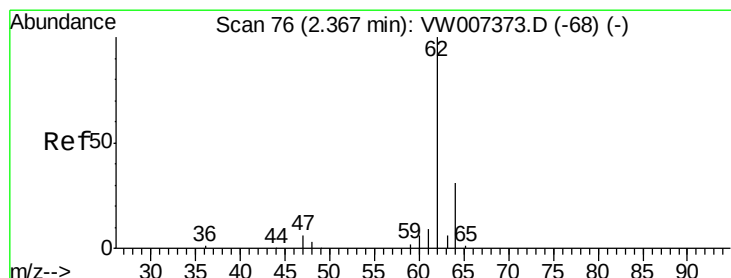
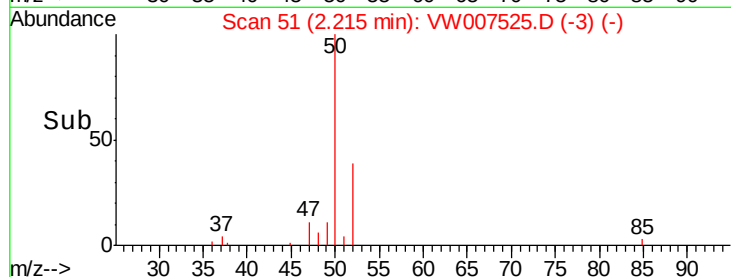
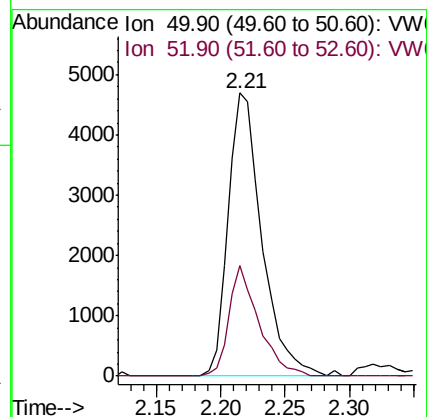
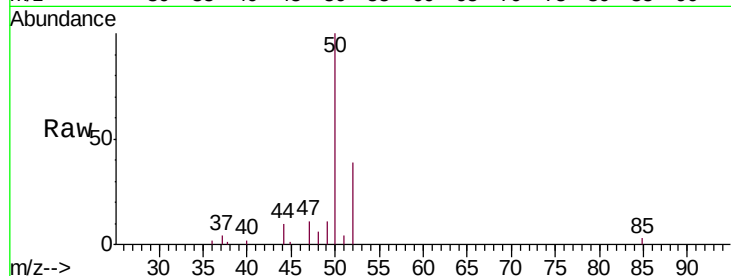
50 100

52 38.9 27.4 41.0

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#4

Vinyl Chloride

Concen: 21.763 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007525.D

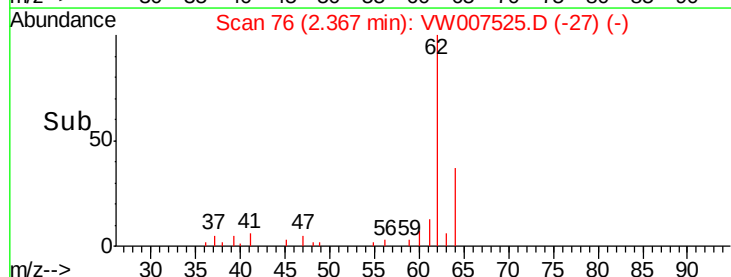
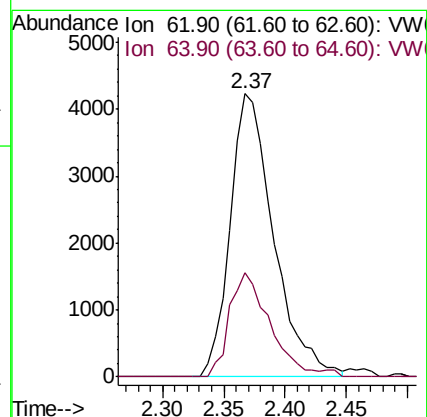
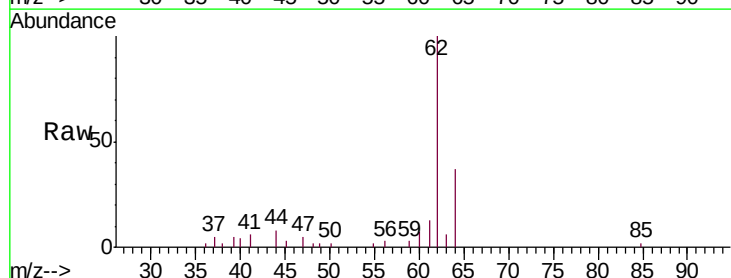
Acq: 14 Dec 2018 10:49

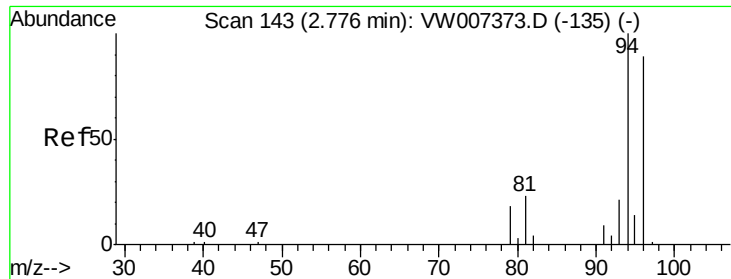
Tgt Ion: 62 Resp: 10419

Ion Ratio Lower Upper

62 100

64 36.7 24.6 37.0





#5

Bromomethane

Concen: 21.566 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

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ClientSampleId :

VW1217SBS01

Tgt Ion: 94 Resp: 6937

Ion Ratio Lower Upper

94 100

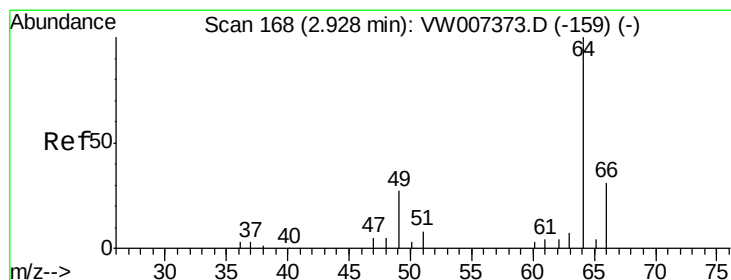
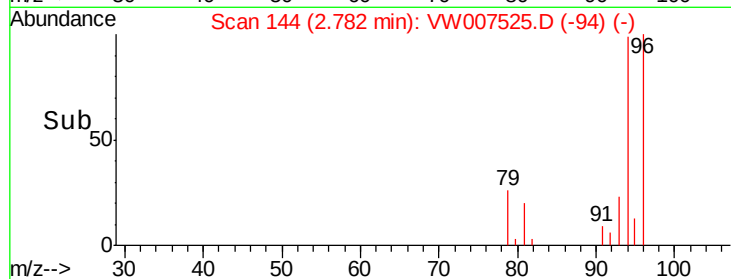
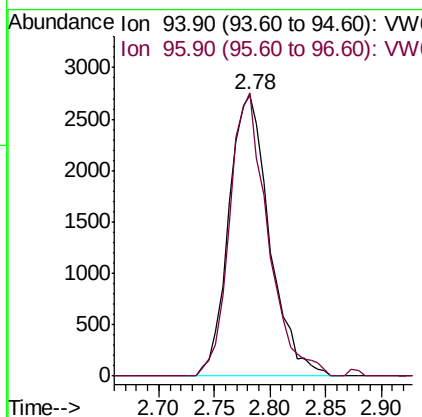
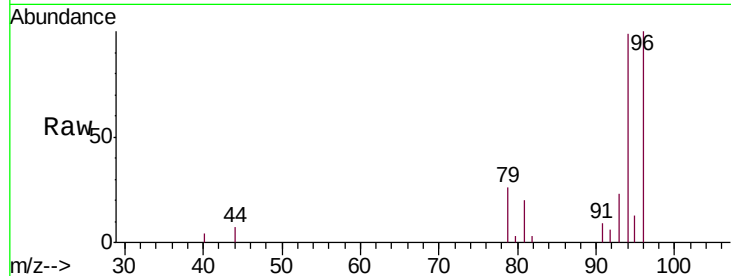
96 100.7 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 21.808 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007525.D

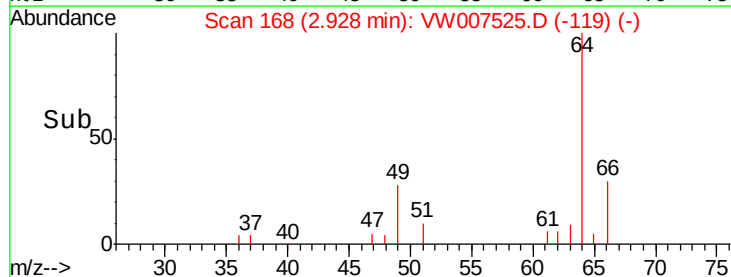
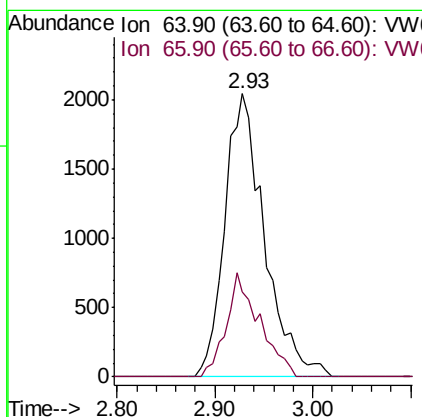
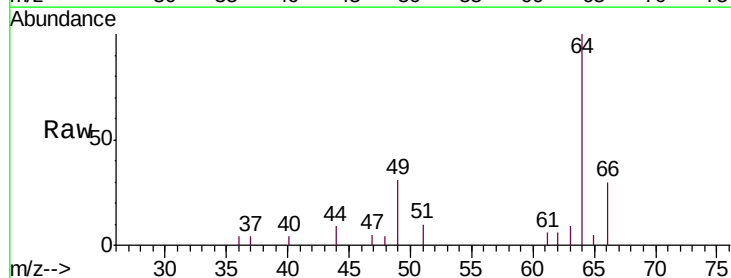
Acq: 14 Dec 2018 10:49

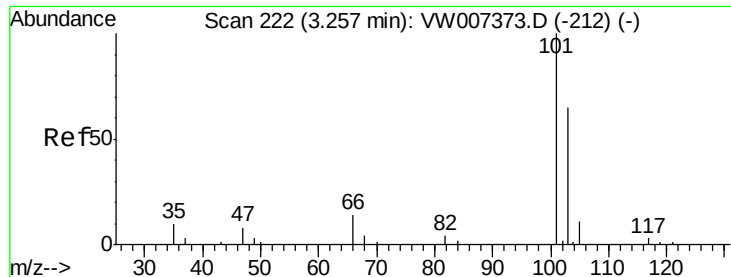
Tgt Ion: 64 Resp: 5747

Ion Ratio Lower Upper

64 100

66 30.2 24.6 37.0





#7

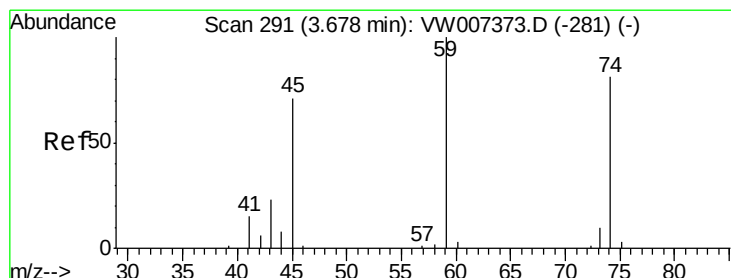
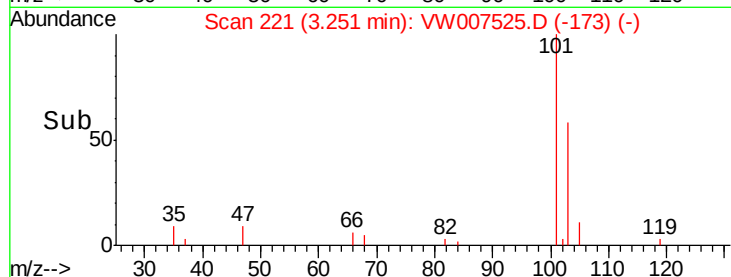
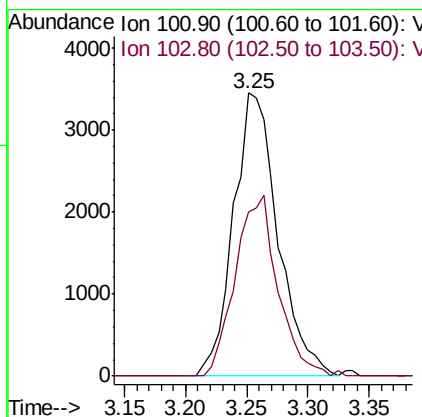
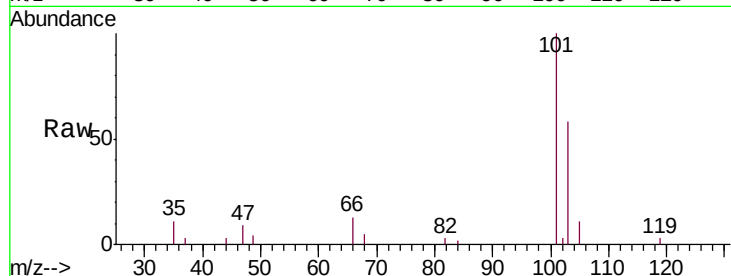
Trichlorofluoromethane
Concen: 20.276 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
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ClientSampleId :
VW1217SBSD01

Tgt Ion: 101 Resp: 8727
Ion Ratio Lower Upper
101 100
103 58.2 51.7 77.5

Manual Integrations
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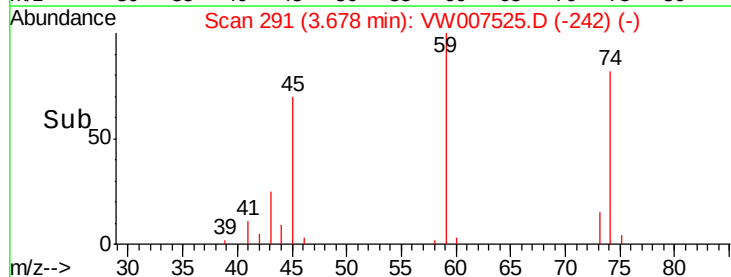
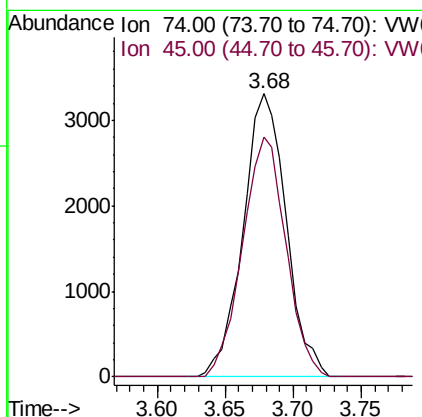
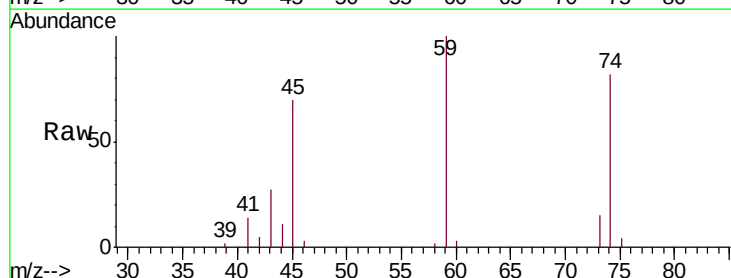
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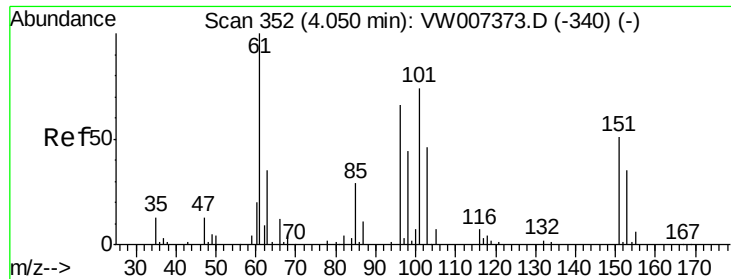


#8

Diethyl Ether
Concen: 21.797 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion: 74 Resp: 7343
Ion Ratio Lower Upper
74 100
45 85.2 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.573 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.02 min

Lab File: VW007525.D

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MSVOA_W

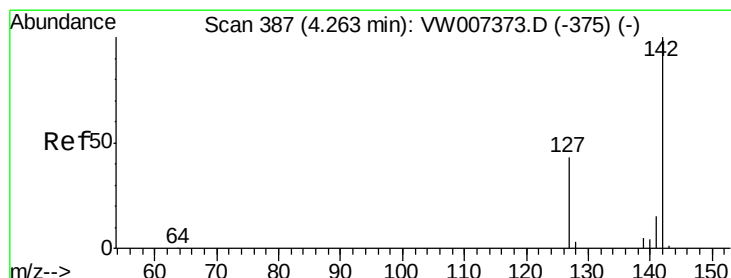
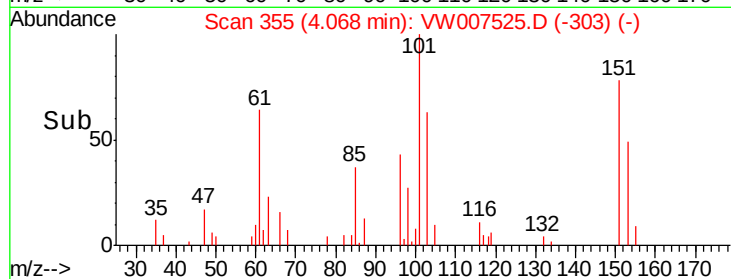
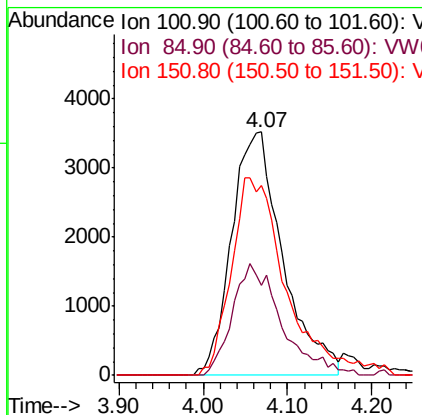
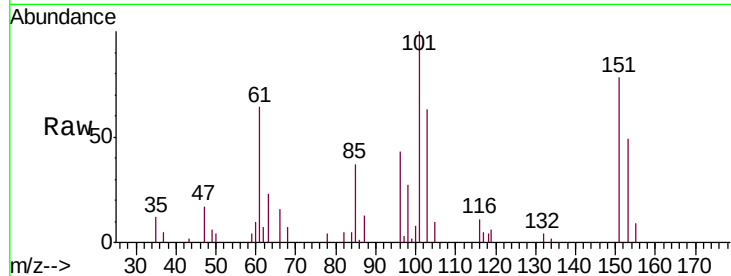
ClientSampleId :

VW1217SBSD01

Tgt Ion:	101	Resp:	14611
Ion Ratio	Lower	Upper	
101	100		
85	44.0	33.9	50.9
151	87.1	63.7	95.5

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#10

Methyl Iodide

Concen: 21.746 ug/l

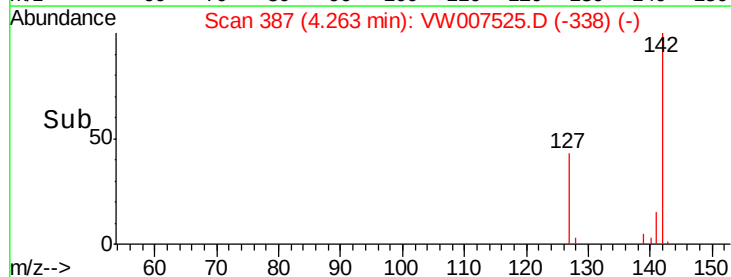
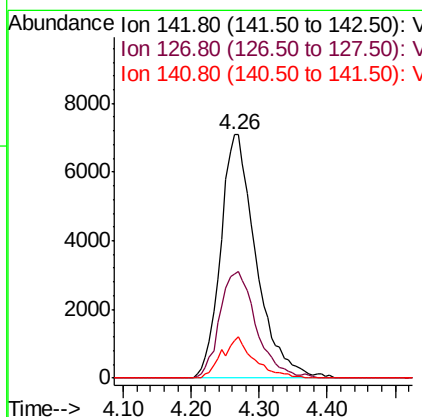
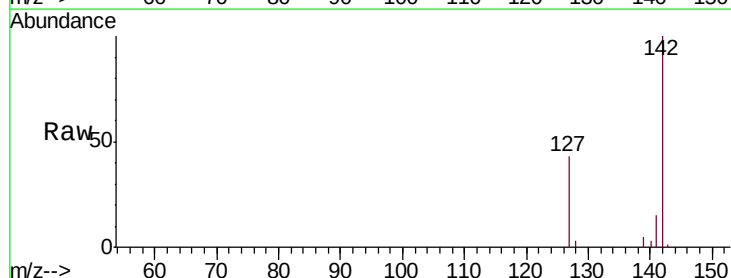
RT: 4.26 min Scan# 387

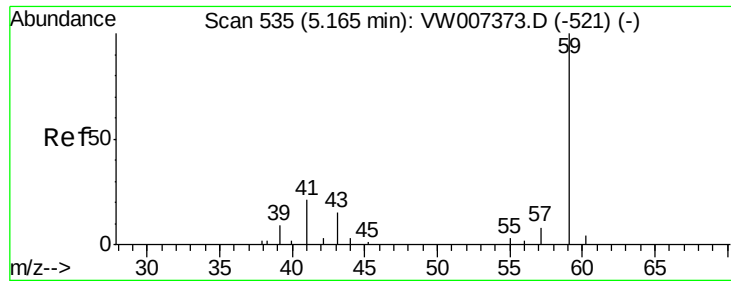
Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Tgt Ion:	142	Resp:	25578
Ion Ratio	Lower	Upper	
142	100		
127	44.9	35.8	53.6
141	15.3	11.1	16.7





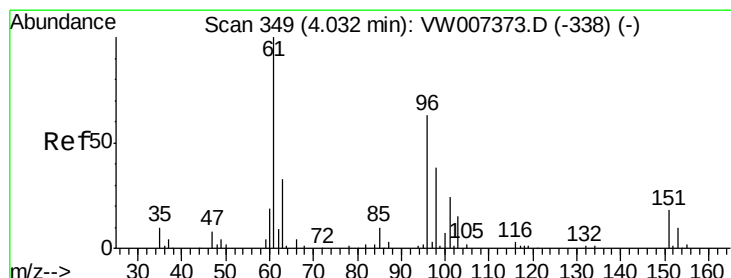
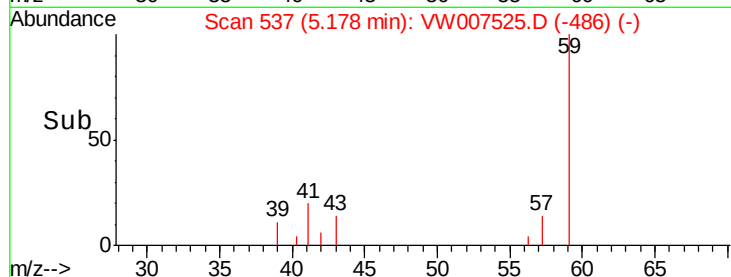
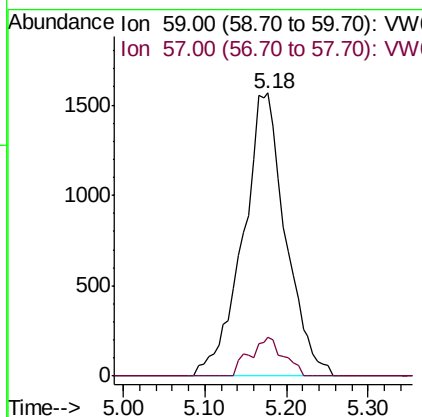
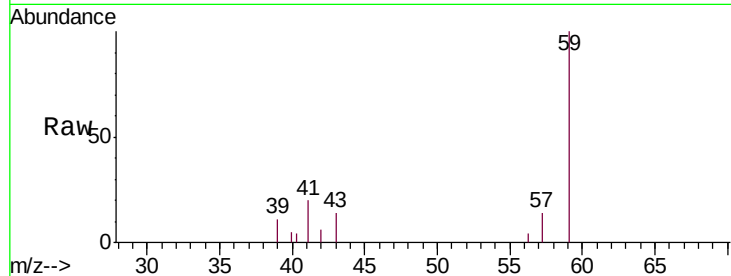
#11
Tert butyl alcohol
Concen: 107.492 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampled :
VW1217SBSD01

Tgt Ion: 59 Resp: 5709
Ion Ratio Lower Upper
59 100
57 10.7 7.6 11.4

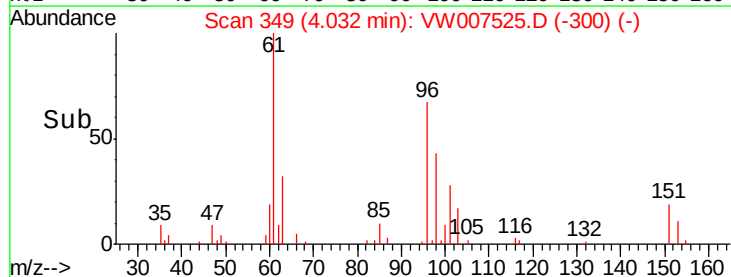
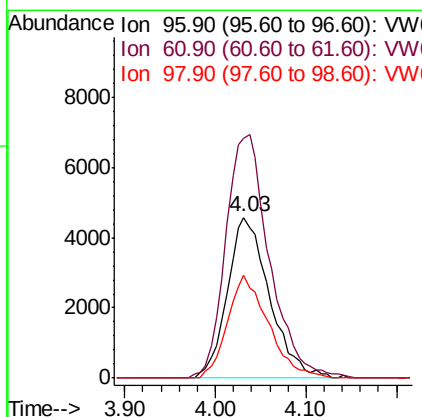
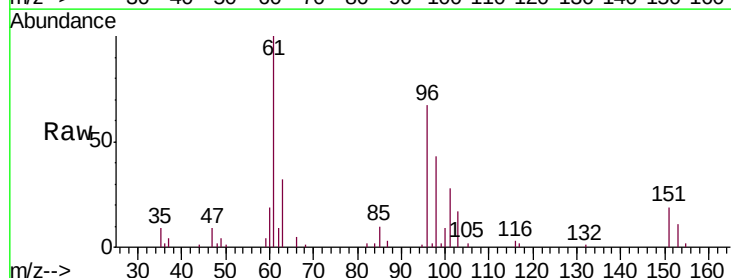
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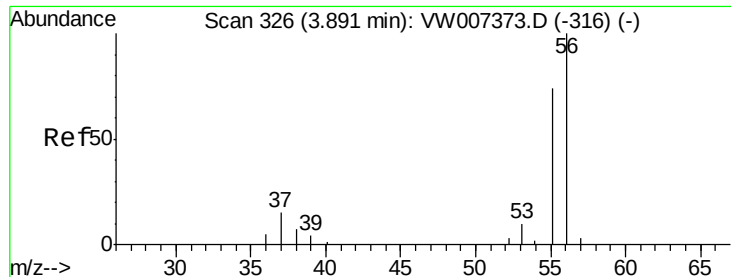
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#12
1,1-Dichloroethene
Concen: 21.574 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion: 96 Resp: 14752
Ion Ratio Lower Upper
96 100
61 149.1 126.2 189.2
98 63.9 48.3 72.5





#13

Acrolein

Concen: 86.134 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD01

Tgt Ion: 56 Resp: 3027

Ion Ratio Lower Upper

56 100

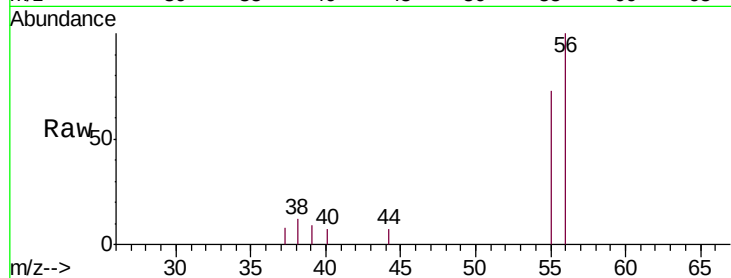
55 75.0 57.4 86.2

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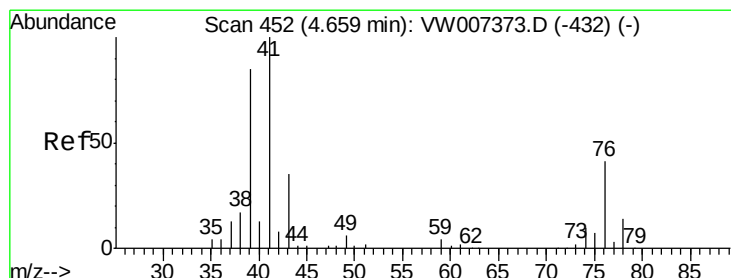
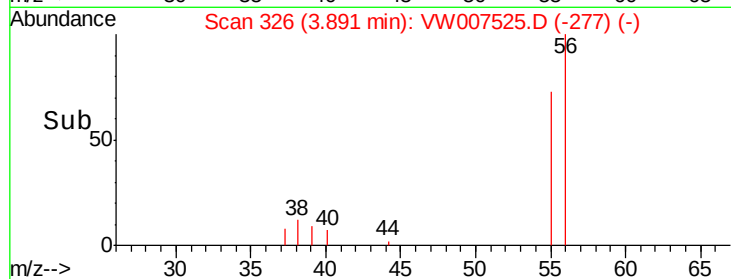
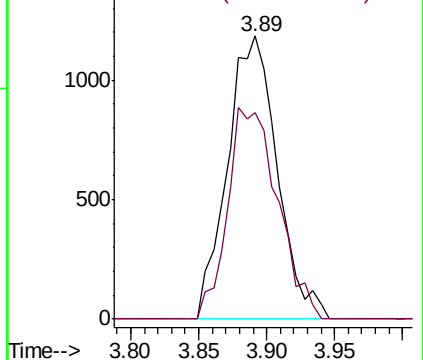
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.089 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

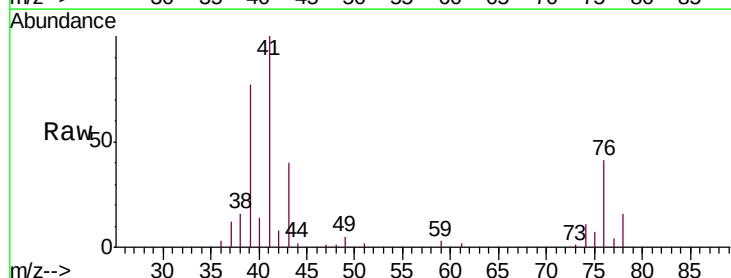
Tgt Ion: 41 Resp: 21256

Ion Ratio Lower Upper

41 100

39 74.6 63.4 95.2

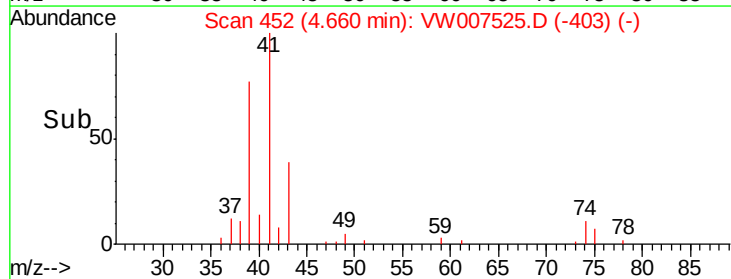
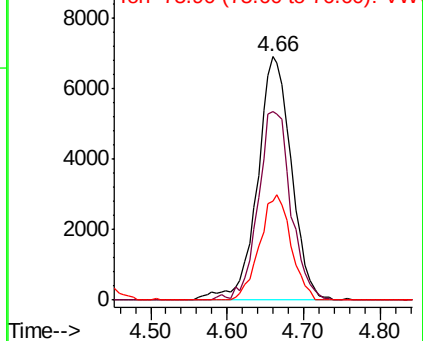
76 40.0 32.1 48.1

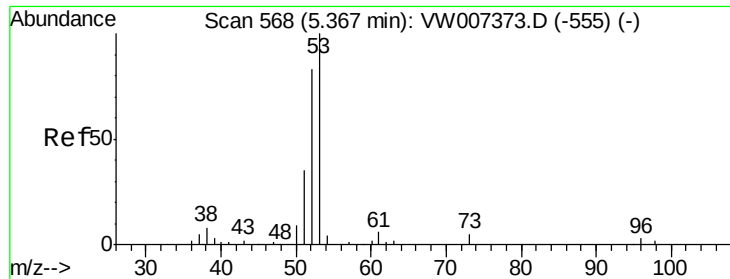


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





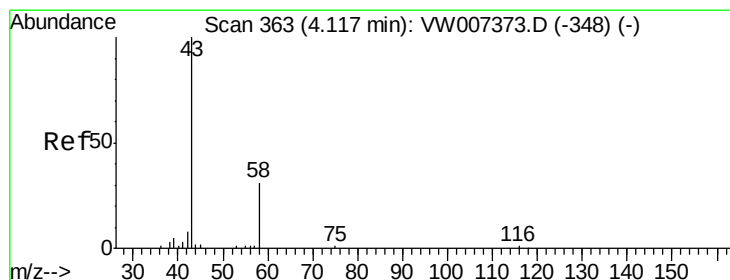
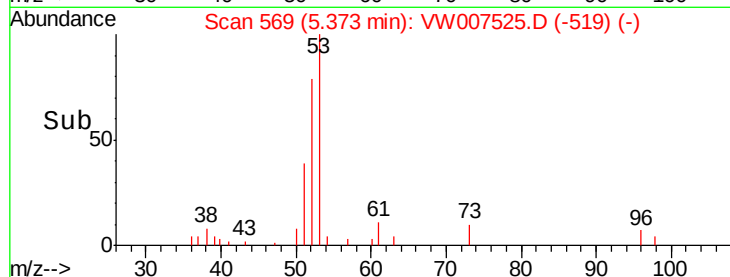
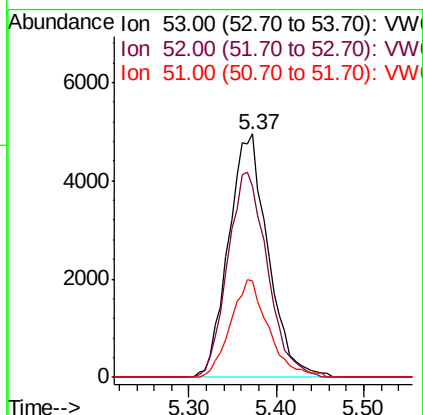
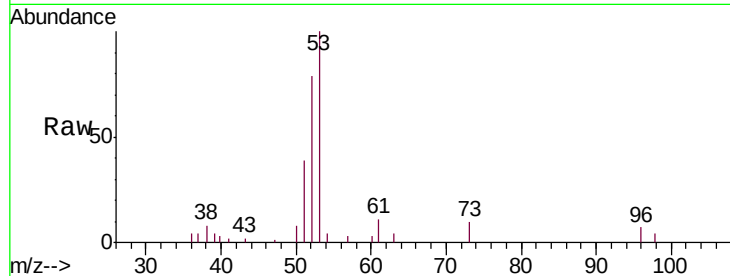
#15
 Acrylonitrile
 Concen: 109.448 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.4	67.4	101.2
51	38.8	30.2	45.2

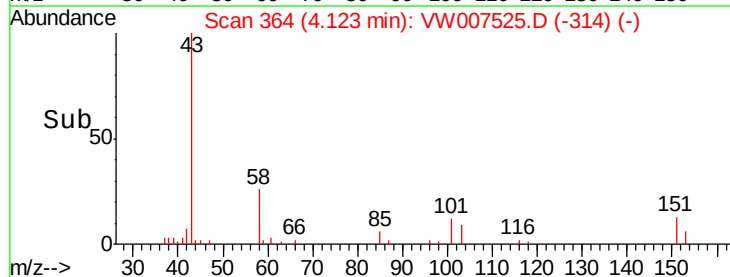
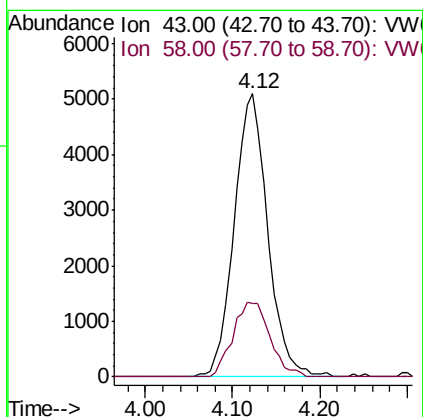
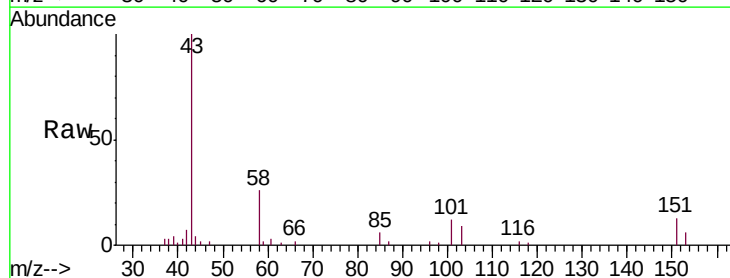
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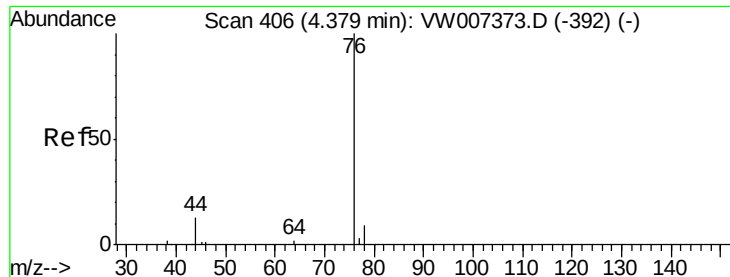
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#16
 Acetone
 Concen: 100.366 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.9	24.9	37.3





#17

Carbon Disulfide

Concen: 21.170 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD01

Tgt Ion: 76 Resp: 43892

Ion Ratio Lower Upper

76 100

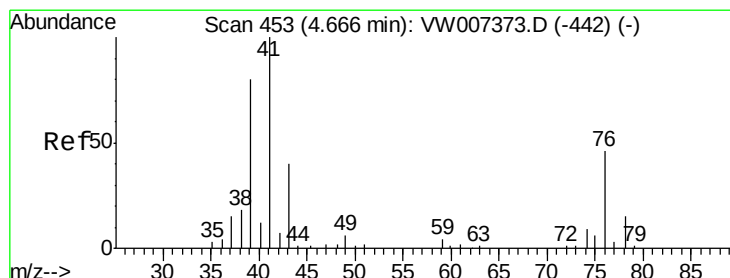
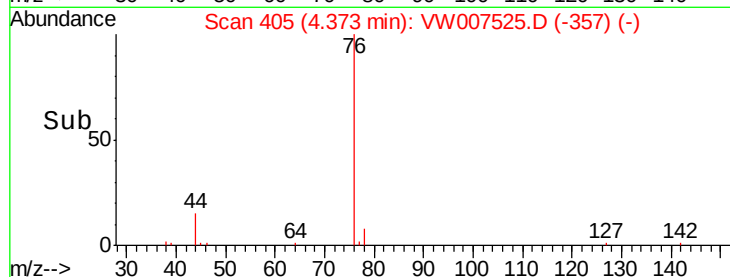
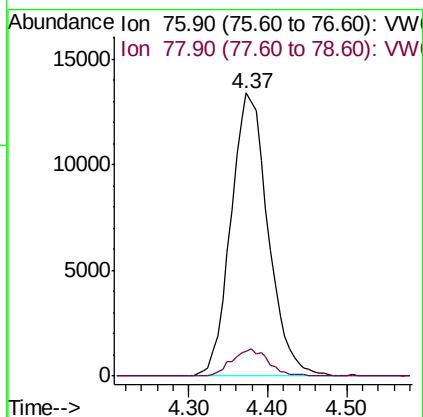
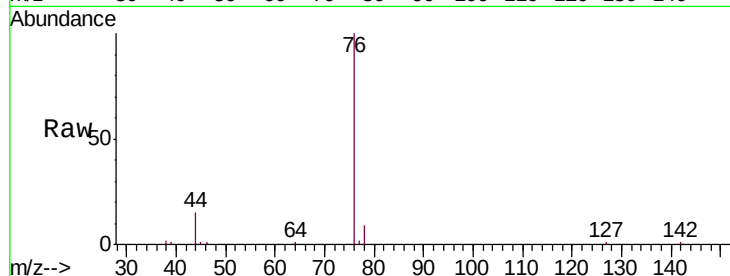
78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 26.557 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007525.D

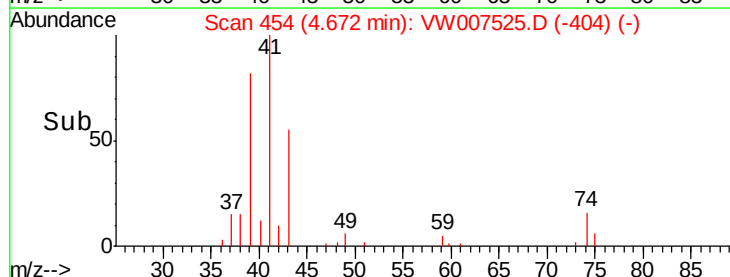
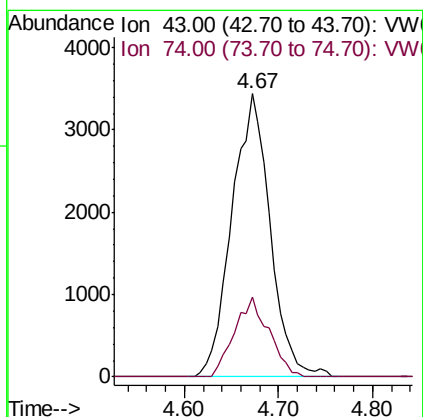
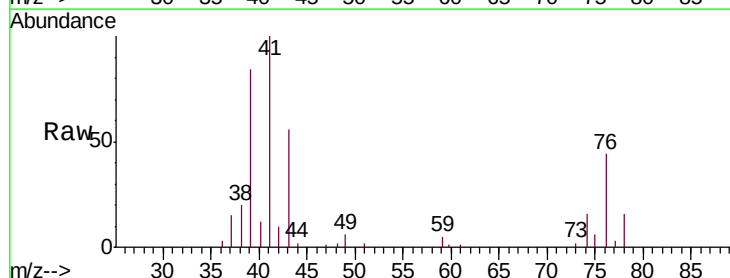
Acq: 14 Dec 2018 10:49

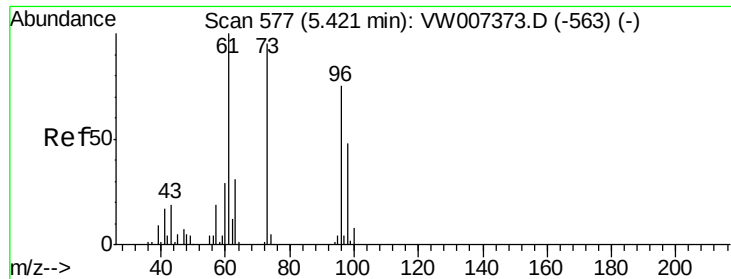
Tgt Ion: 43 Resp: 9736

Ion Ratio Lower Upper

43 100

74 25.4 21.1 31.7





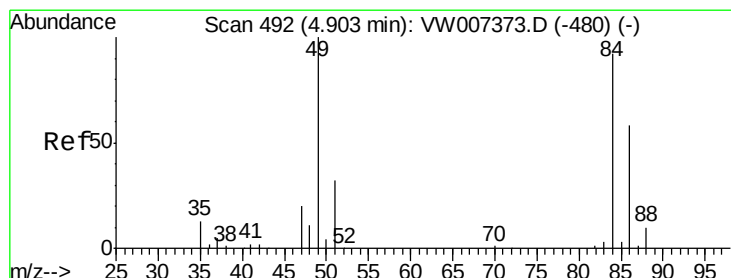
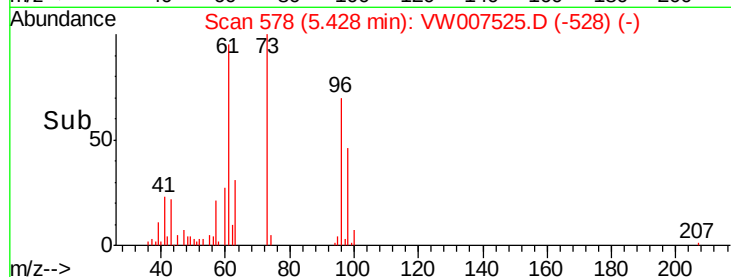
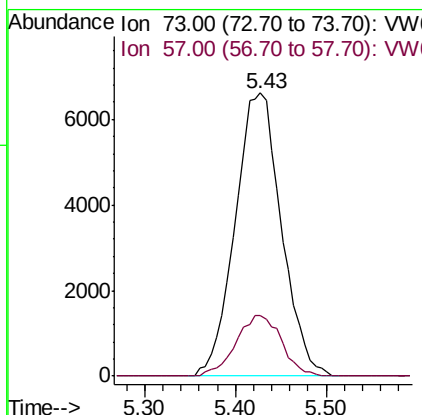
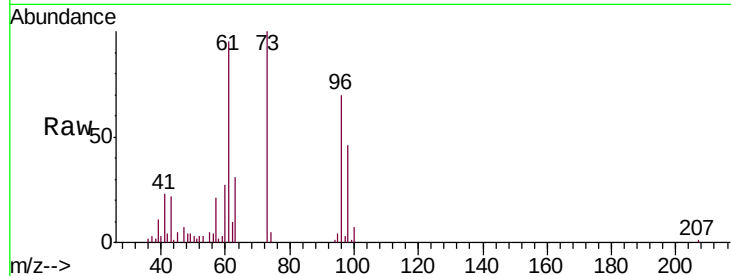
#19
Methyl tert-butyl Ether
Concen: 22.624 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion: 73 Resp: 23337
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6

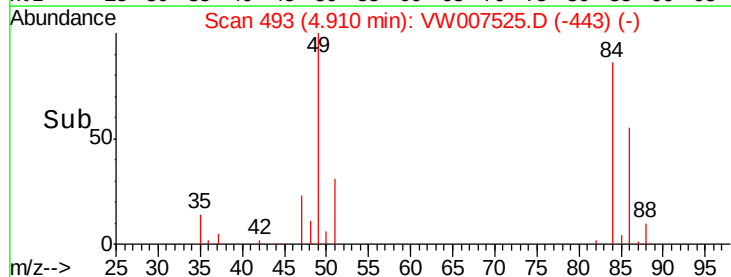
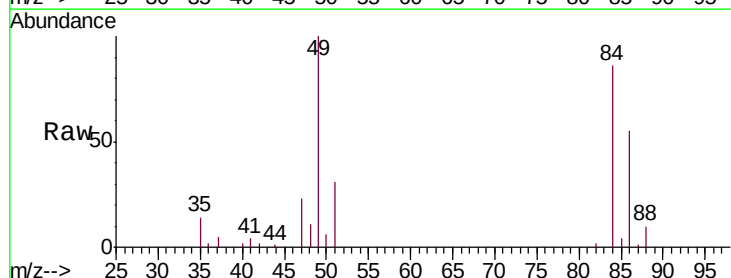
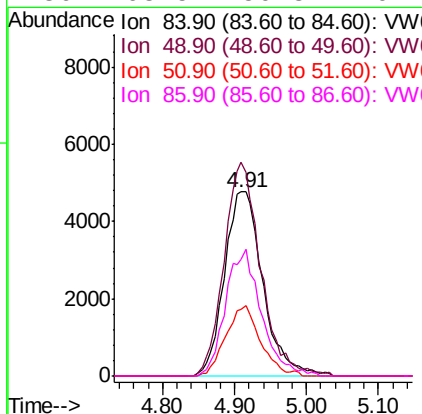
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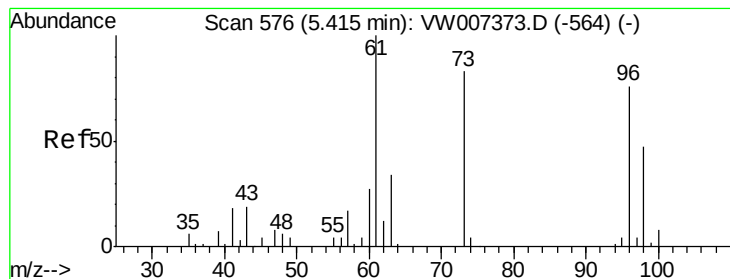
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#20
Methylene Chloride
Concen: 21.673 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion: 84 Resp: 17649
Ion Ratio Lower Upper
84 100
49 115.9 87.1 130.7
51 36.0 28.2 42.2
86 63.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 21.103 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

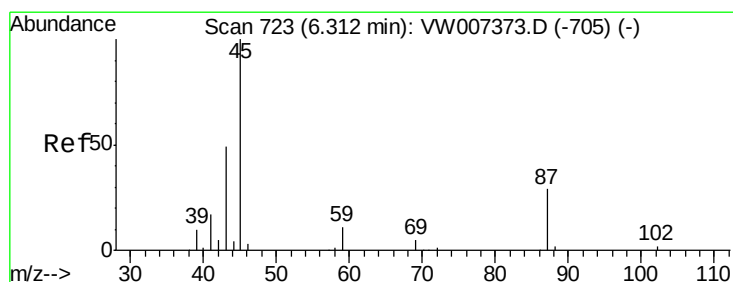
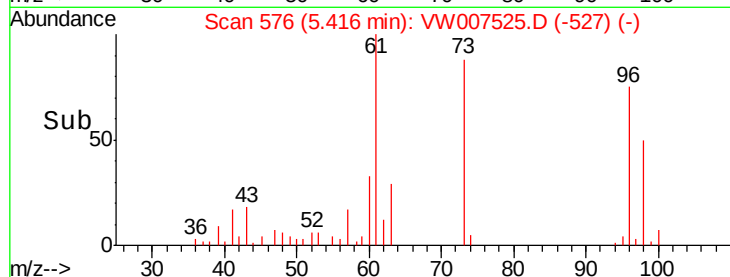
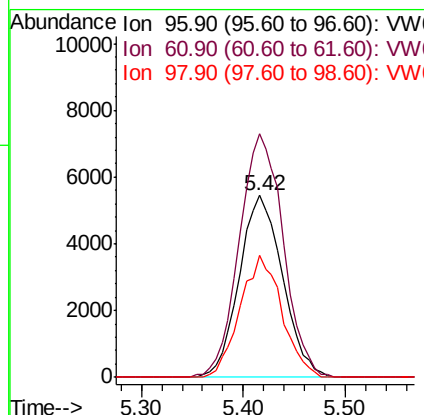
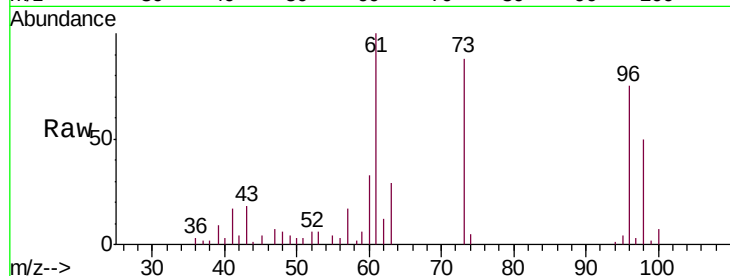
ClientSampleId :

VW1217SBS01

Tgt Ion:	96	Resp:	16142
Ion	Ratio	Lower	Upper
96	100		
61	133.7	105.0	157.6
98	66.8	49.7	74.5

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#22

Diisopropyl ether

Concen: 21.031 ug/l

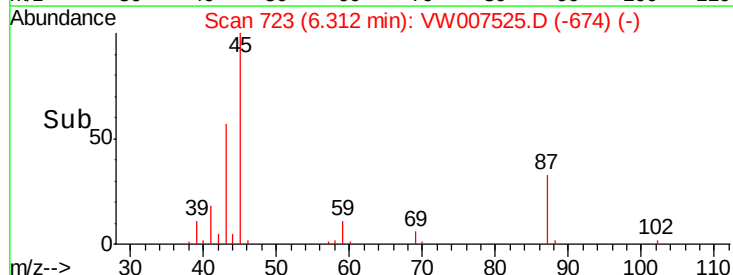
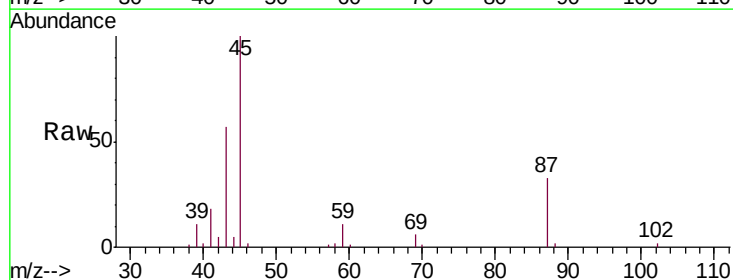
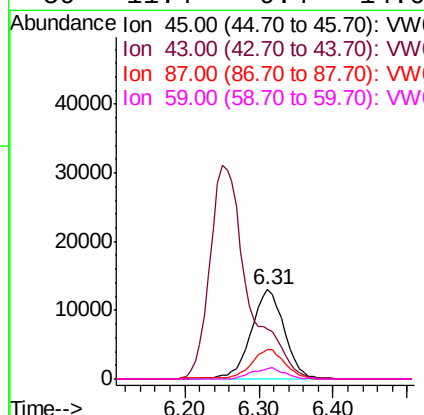
RT: 6.31 min Scan# 723

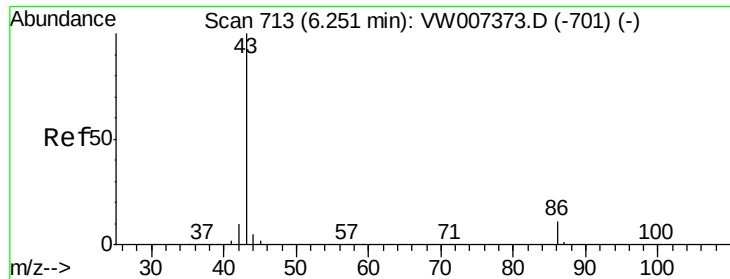
Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Tgt Ion:	45	Resp:	40744
Ion	Ratio	Lower	Upper
45	100		
43	55.9	41.6	62.4
87	32.7	24.3	36.5
59	11.4	9.4	14.0





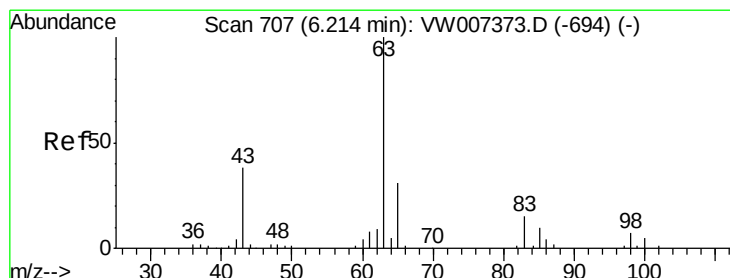
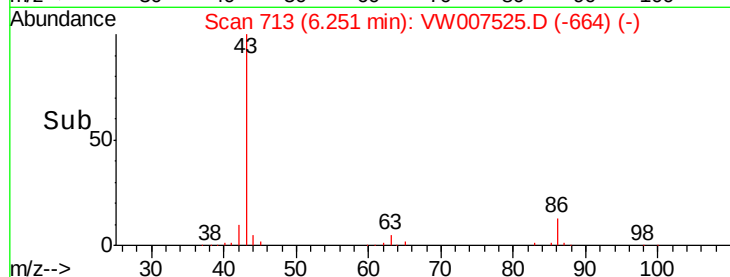
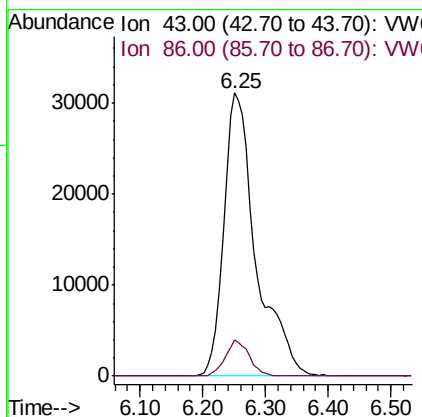
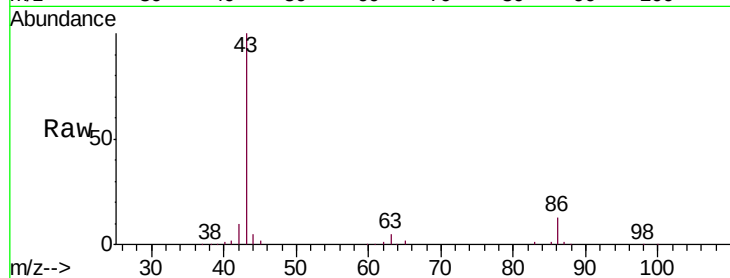
#23
 Vinyl Acetate
 Concen: 101.708 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
86	12.7	8.6	12.8

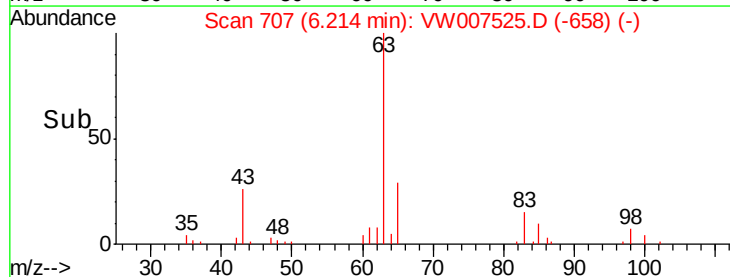
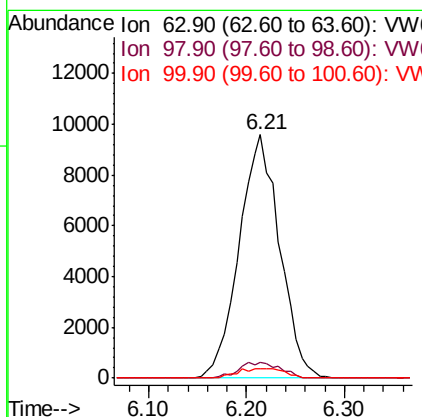
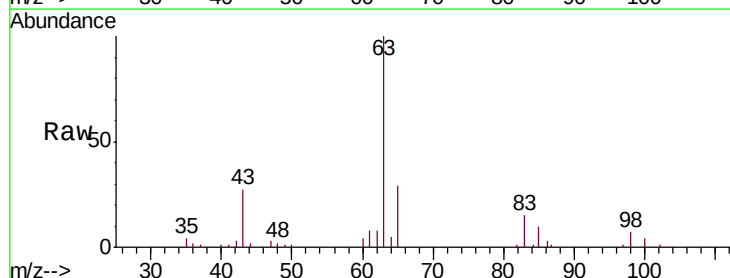
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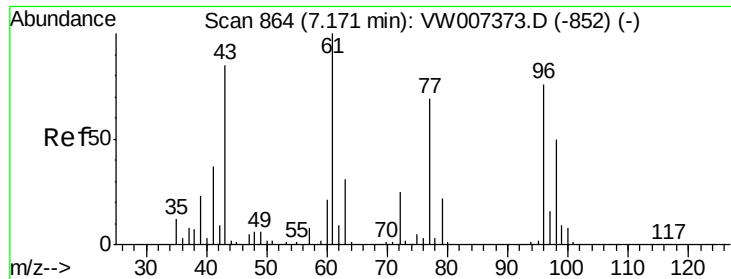
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#24
 1,1-Dichloroethane
 Concen: 21.015 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.5	10.4
100	3.9	2.5	7.5





#25

2-Butanone

Concen: 105.936 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBSD01

Tgt Ion: 43 Resp: 18681

Ion Ratio Lower Upper

43 100

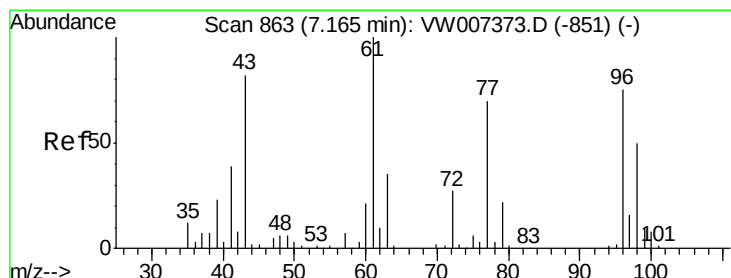
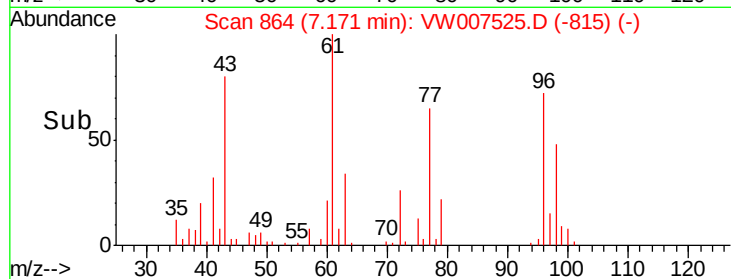
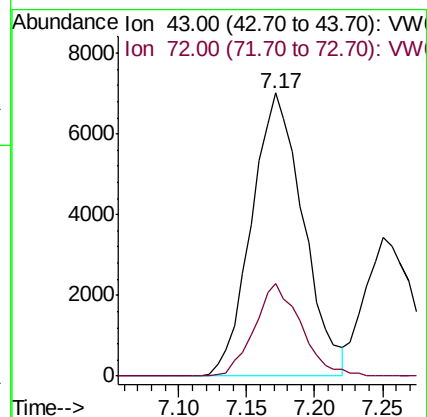
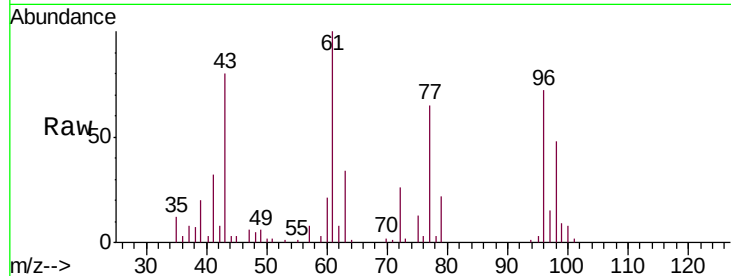
72 32.6 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 18.862 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007525.D

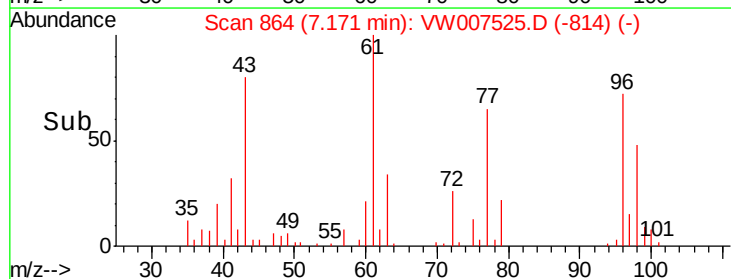
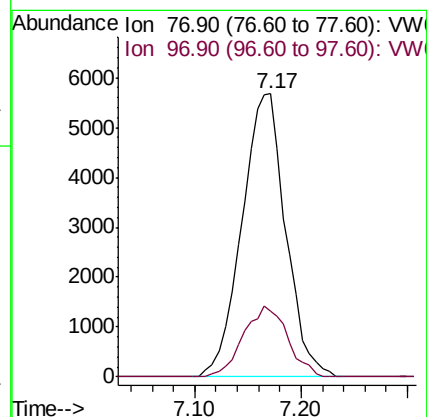
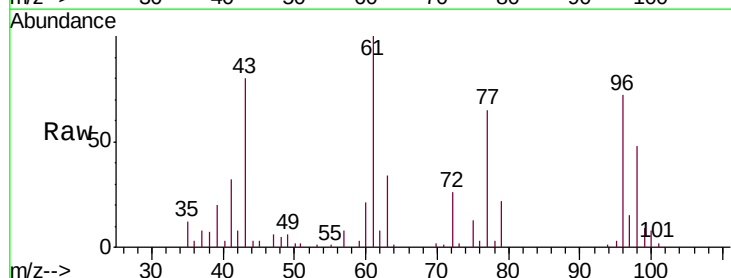
Acq: 14 Dec 2018 10:49

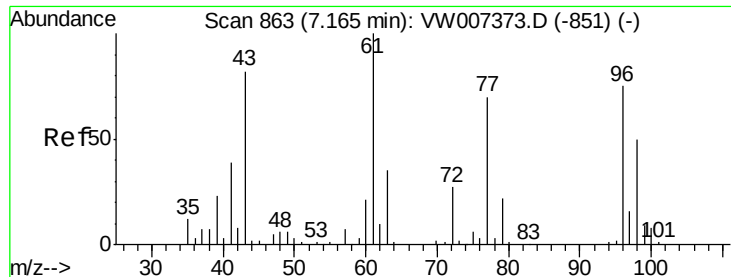
Tgt Ion: 77 Resp: 16345

Ion Ratio Lower Upper

77 100

97 25.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 21.203 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

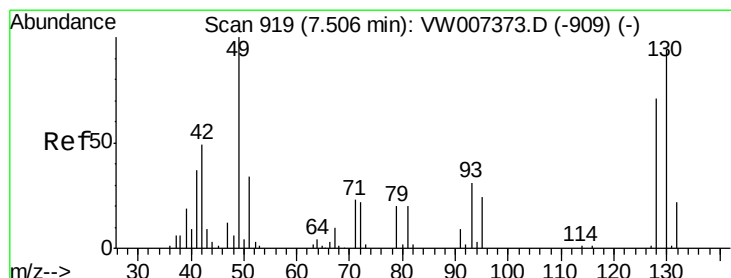
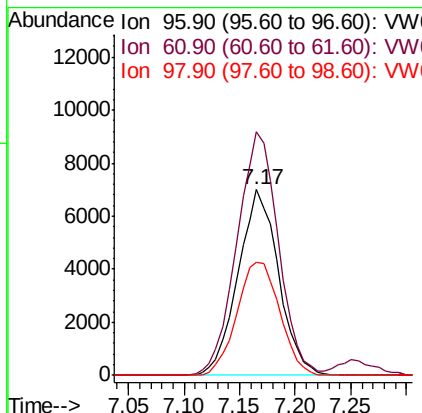
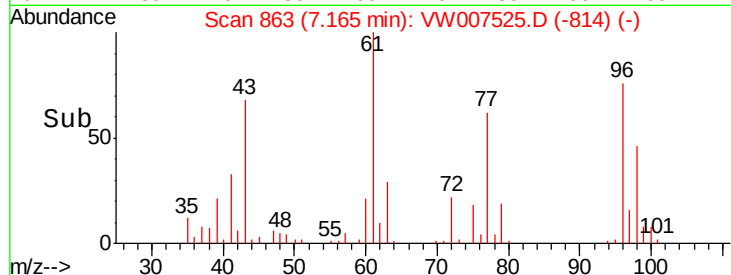
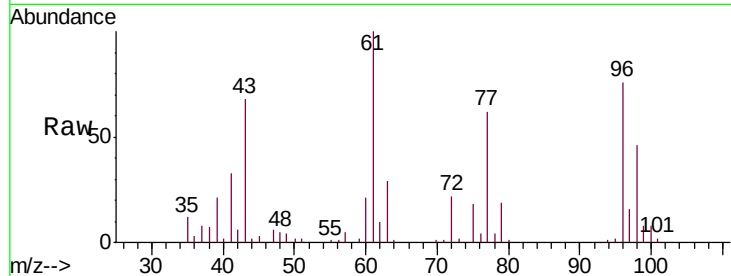
ClientSampleId :

VW1217SBSD01

Tgt Ion:	96	Resp:	17759
Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	268.4
98	64.1	0.0	127.8

Manual Integrations
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#28

Bromochloromethane

Concen: 20.251 ug/l

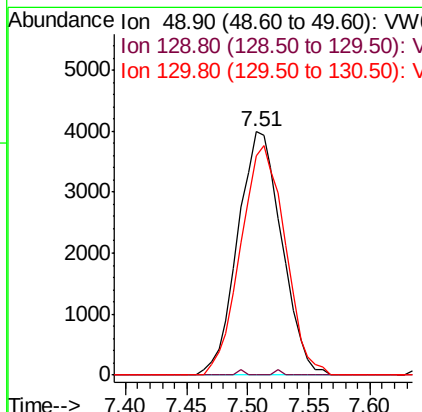
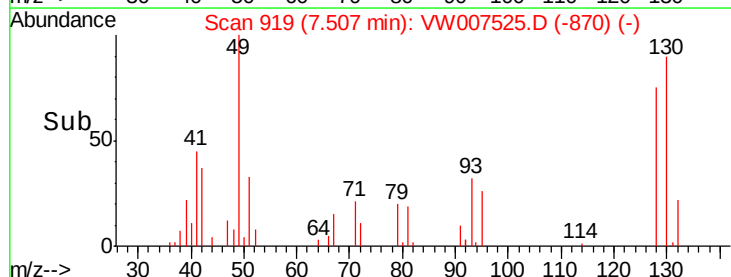
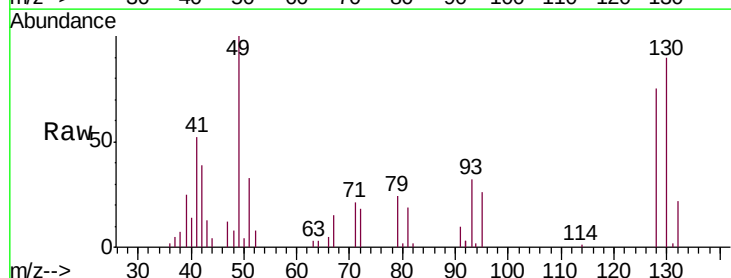
RT: 7.51 min Scan# 919

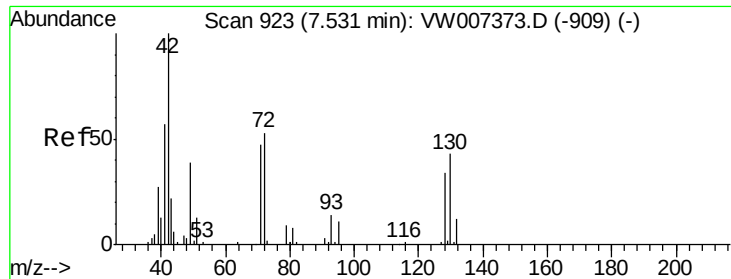
Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Tgt Ion:	49	Resp:	9974
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	2.6
130	95.4	75.9	113.9





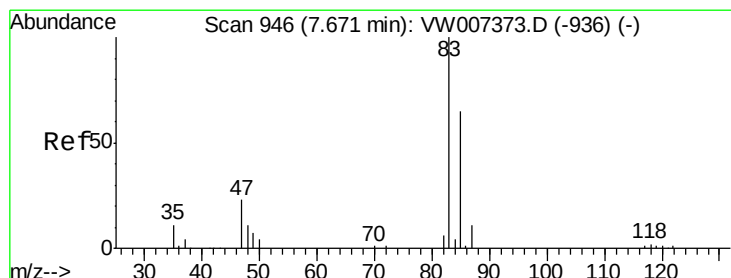
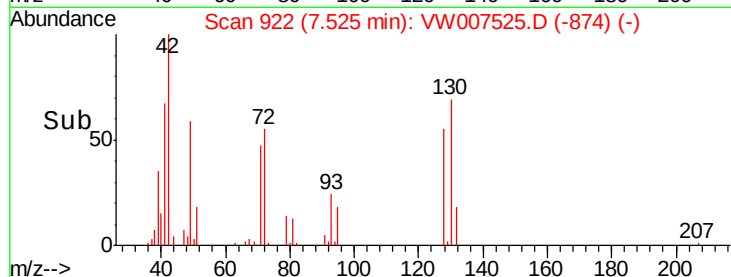
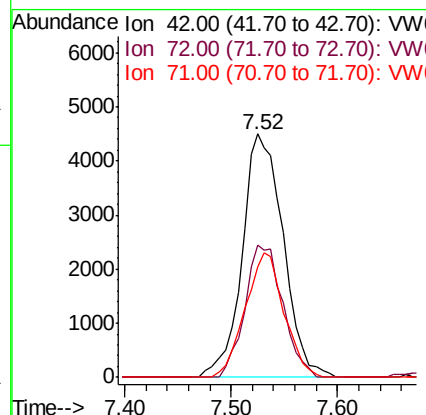
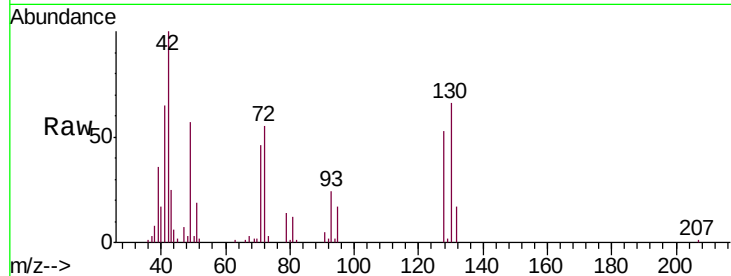
#29
Tetrahydrofuran
Concen: 108.423 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.3	38.2	57.4
71	48.4	35.5	53.3

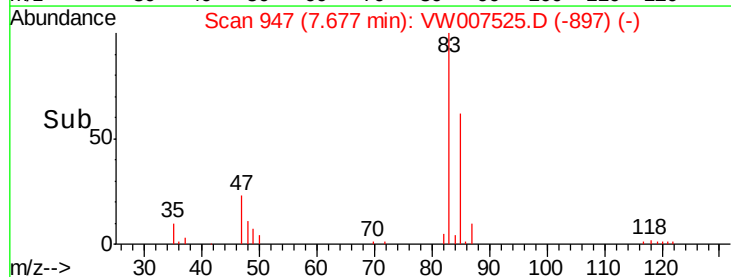
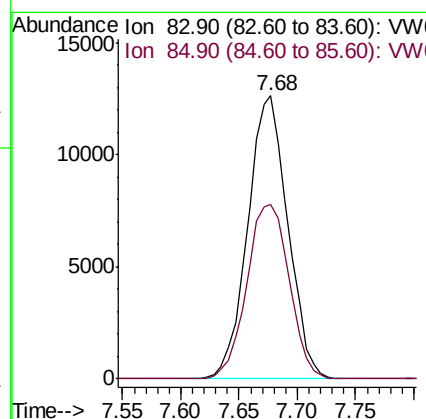
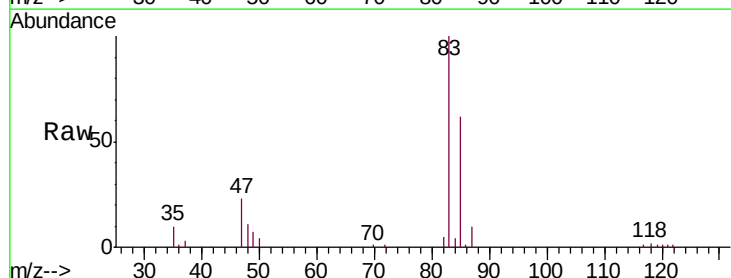
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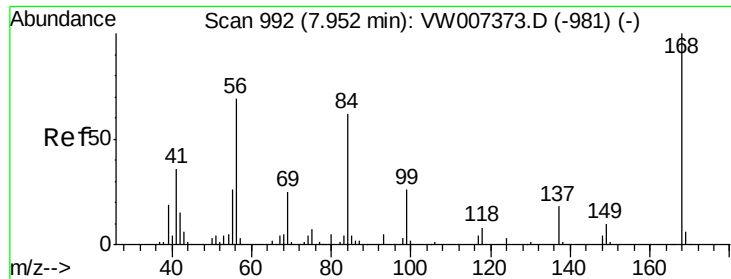
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#30
Chloroform
Concen: 21.192 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.8	77.8





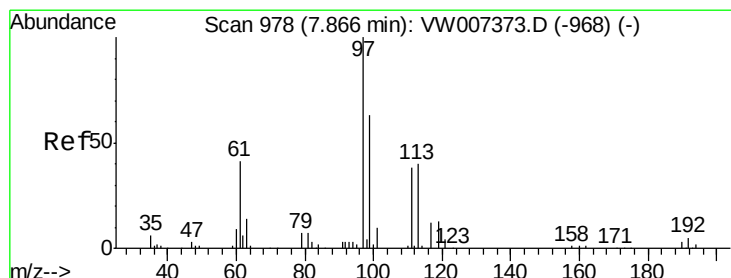
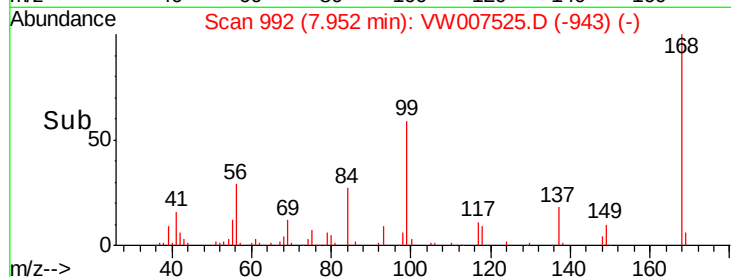
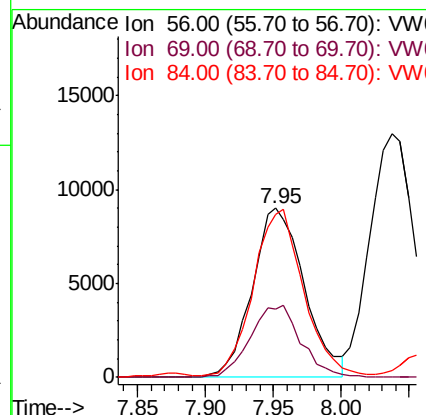
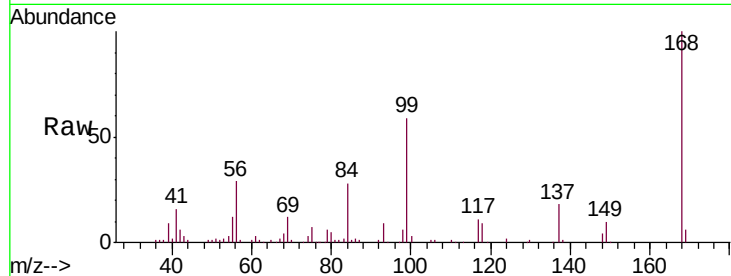
#31
Cyclohexane
Concen: 20.162 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.4	28.9	43.3
84	95.2	71.8	107.6

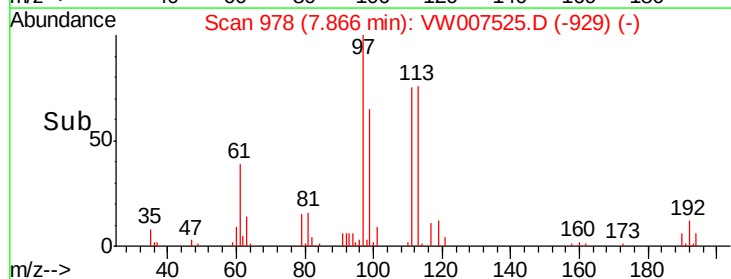
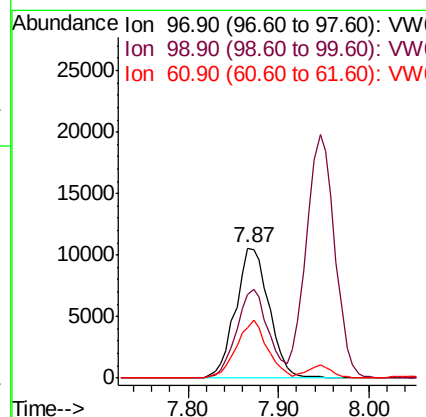
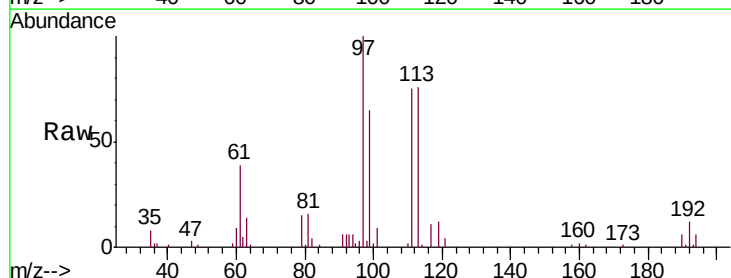
Manual Integrations
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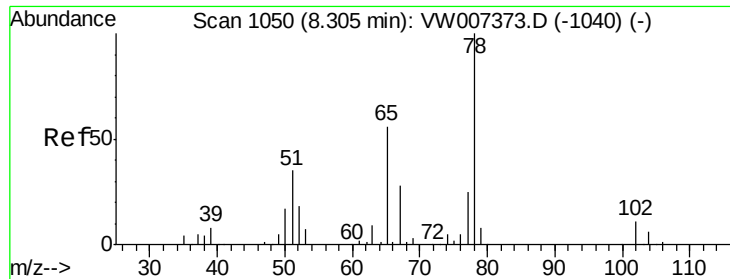
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#32
1,1,1-Trichloroethane
Concen: 21.753 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.1	76.7
61	40.7	33.2	49.8





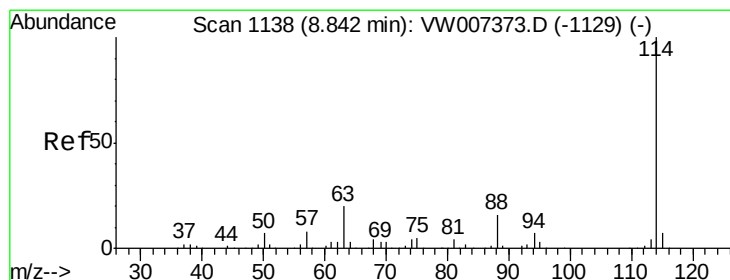
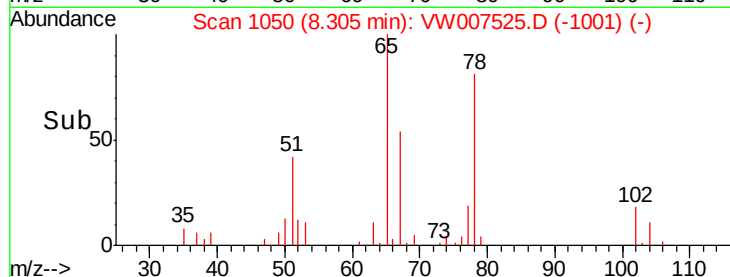
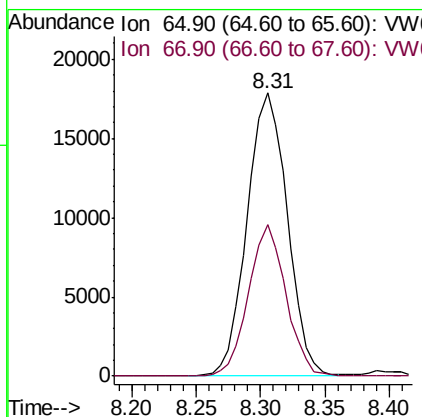
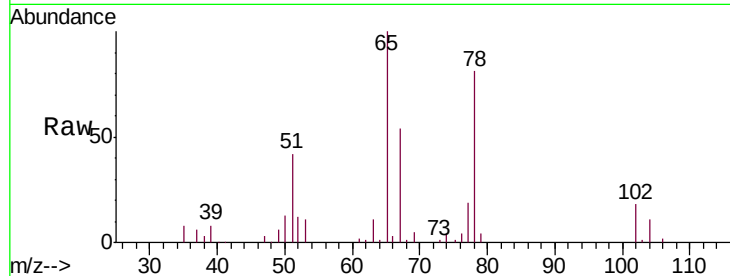
#33
 1,2-Dichloroethane-d4
 Concen: 50.076 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	38725		
67	49.6	0.0	101.6	

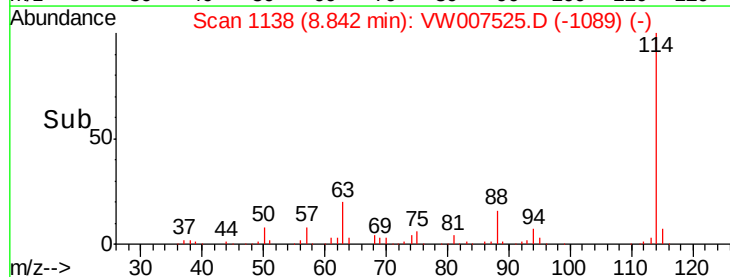
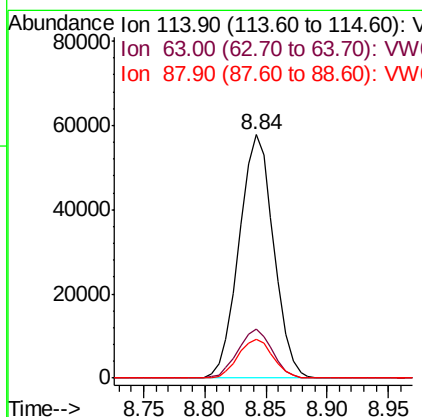
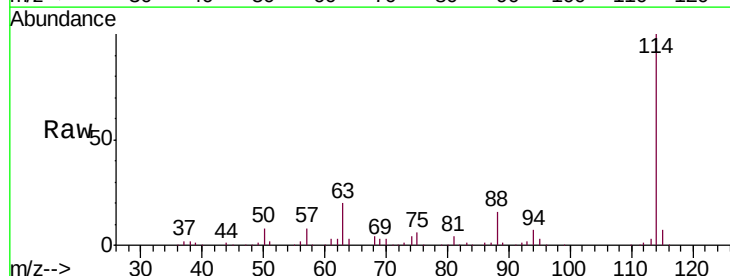
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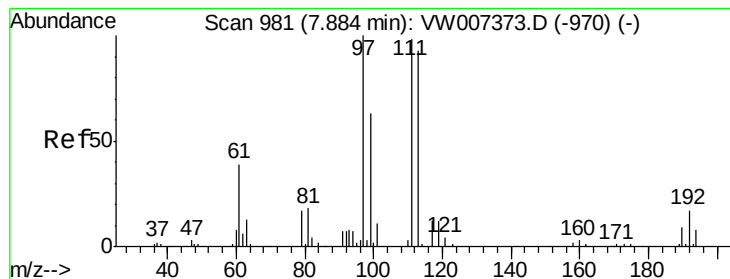
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	113171		
63	20.4	0.0	39.6	
88	15.8	0.0	31.4	





#35

Dibromofluoromethane

Concen: 51.860 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

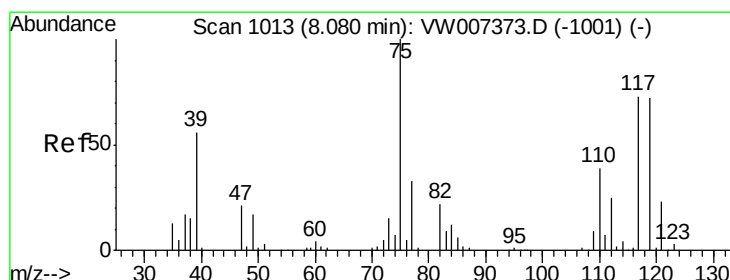
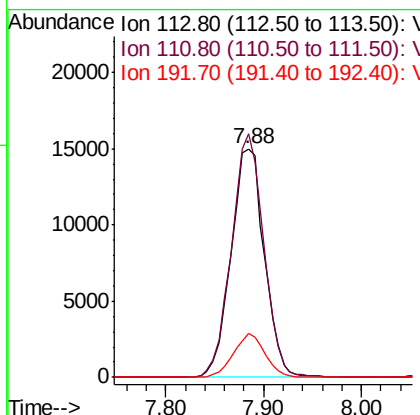
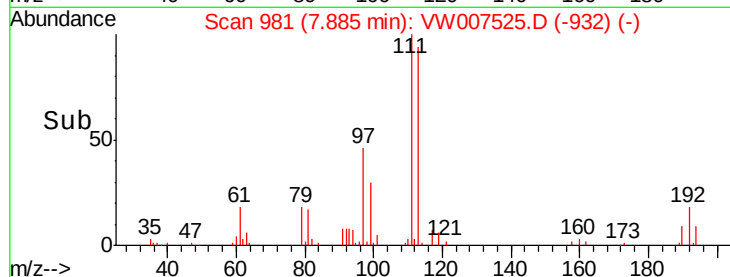
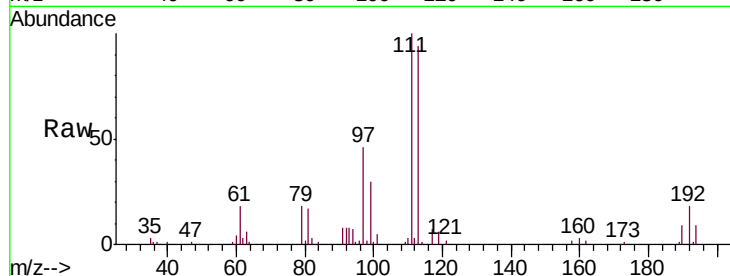
ClientSampleId :

VW1217SBSD01

Tgt Ion:	113	Resp:	35528
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.1	121.7
192	18.1	14.6	21.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 22.153 ug/l

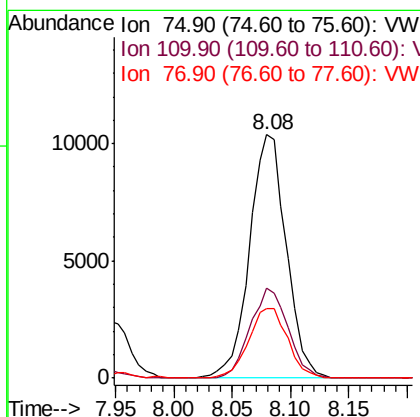
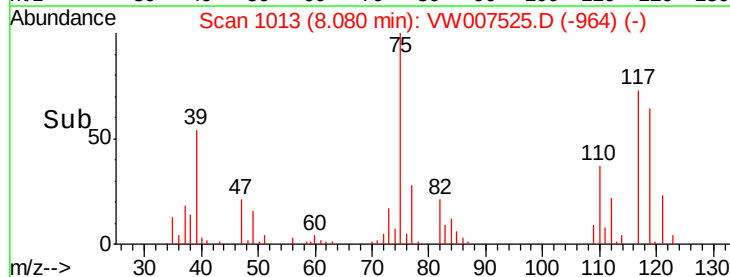
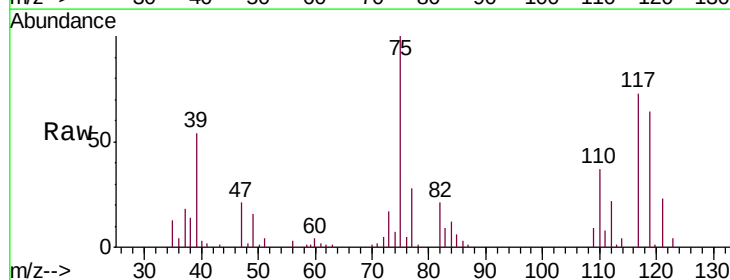
RT: 8.08 min Scan# 1013

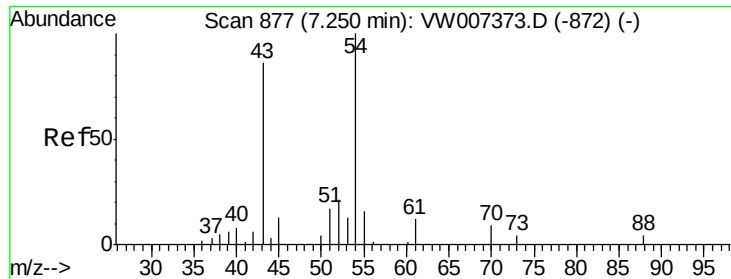
Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Tgt Ion:	75	Resp:	22870
Ion Ratio	Lower	Upper	
75	100		
110	37.8	18.5	55.5
77	30.3	25.6	38.4





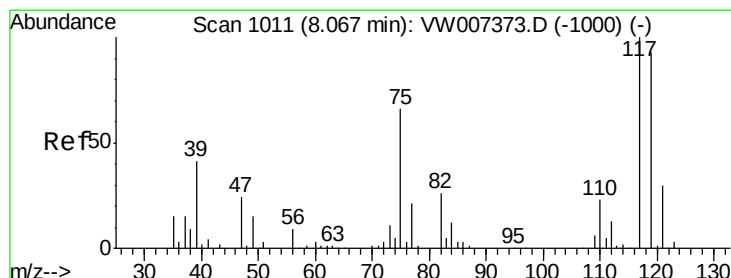
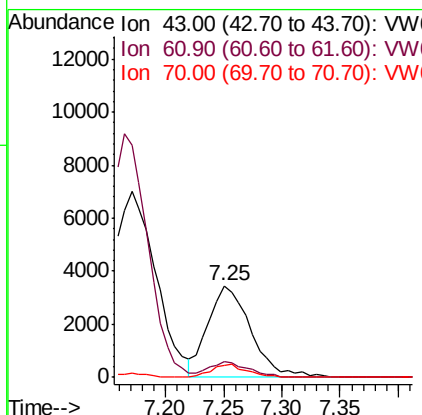
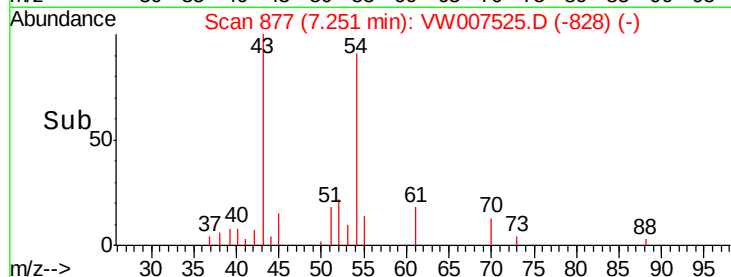
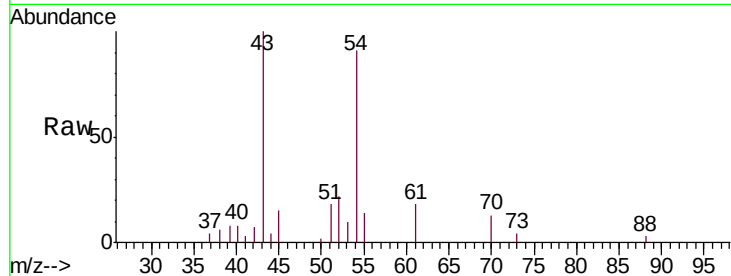
#37
Ethyl Acetate
Concen: 22.913 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion: 43 Resp: 8798
Ion Ratio Lower Upper
43 100
61 16.1 12.1 18.1
70 11.7 10.0 15.0

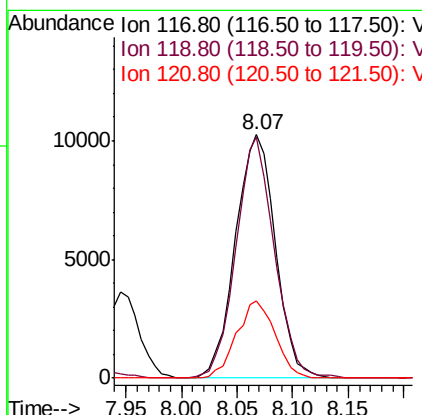
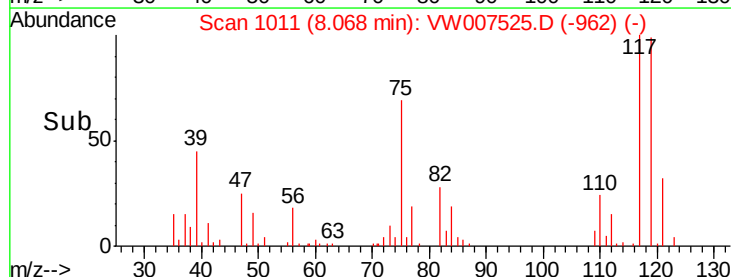
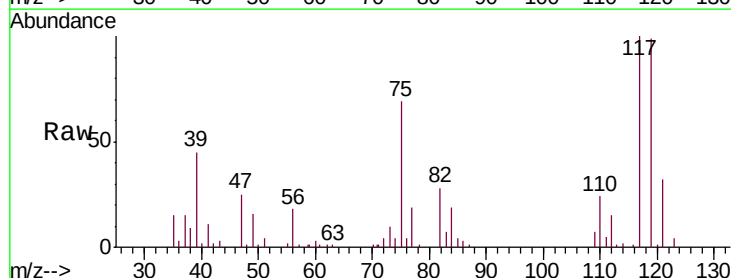
Manual Integrations
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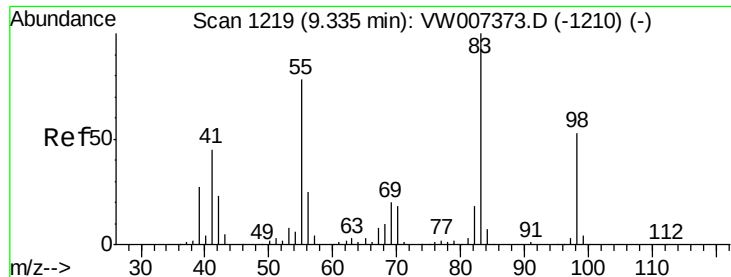
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#38
Carbon Tetrachloride
Concen: 22.720 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion: 117 Resp: 25522
Ion Ratio Lower Upper
117 100
119 99.1 74.3 111.5
121 32.0 24.3 36.5





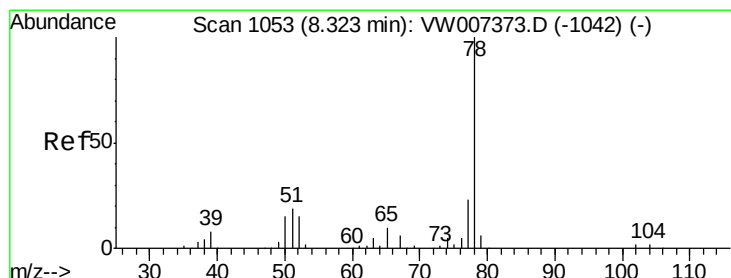
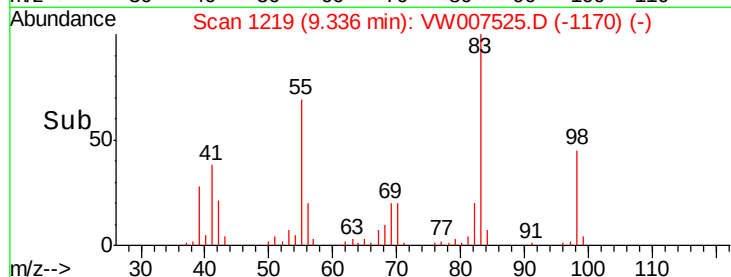
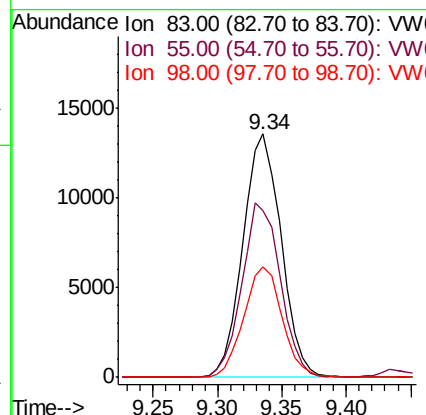
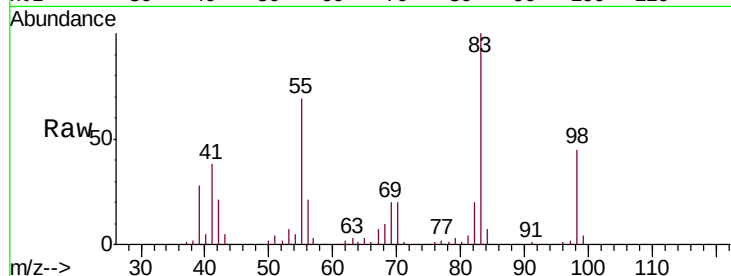
#39
Methylcyclohexane
Concen: 22.251 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampled :
VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.5	62.8	94.2
98	45.3	42.2	63.2

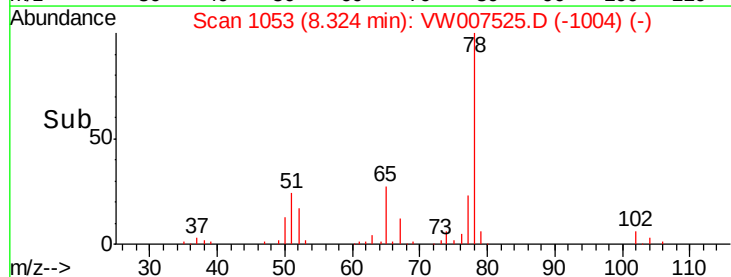
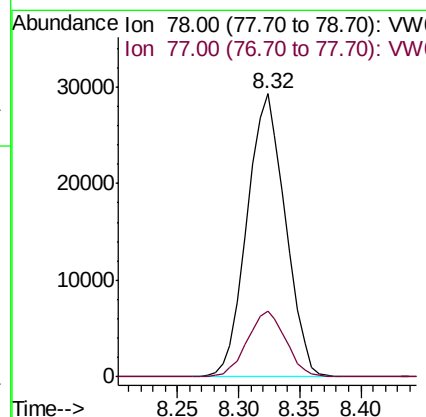
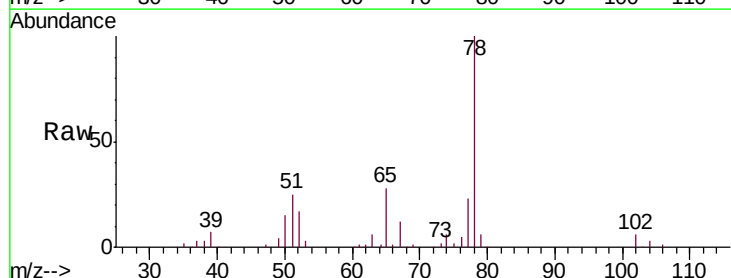
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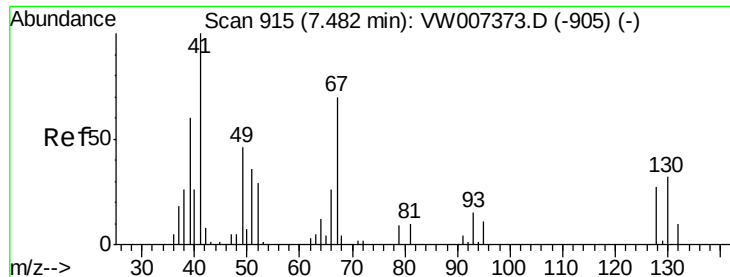
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#40
Benzene
Concen: 22.271 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2





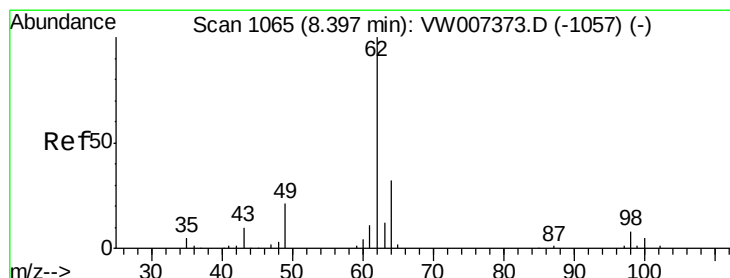
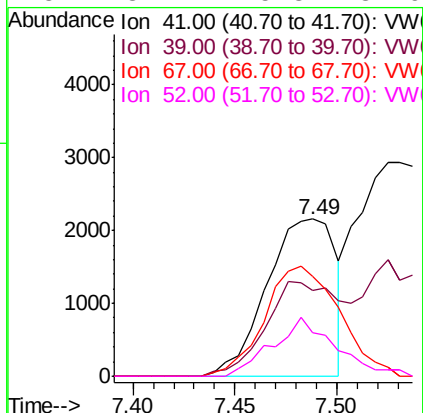
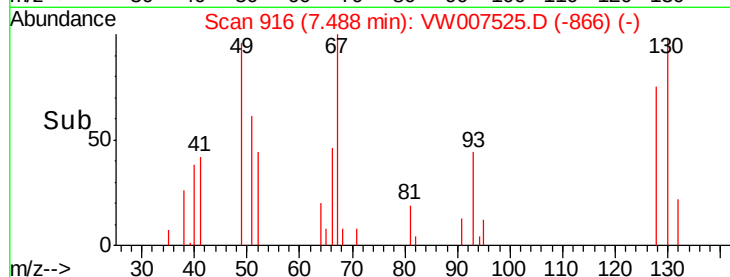
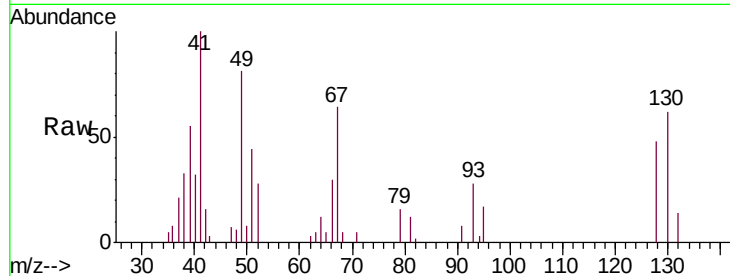
#41
Methacrylonitrile
Concen: 23.196 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD01

Tgt Ion:	41	Resp:	5072
Ion	Ratio	Lower	Upper
41	100		
39	67.3	52.2	78.2
67	75.8	60.5	90.7
52	34.2	25.3	37.9

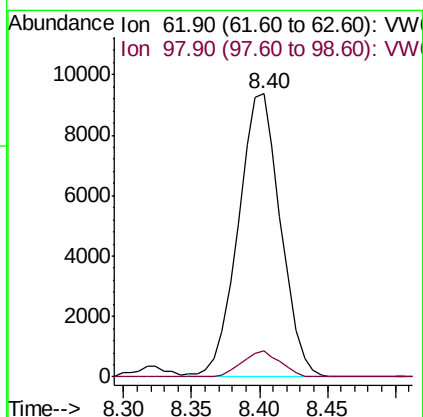
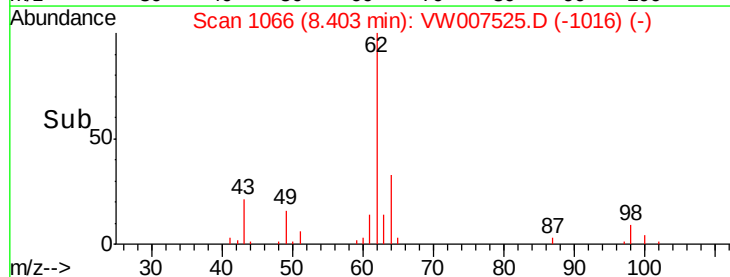
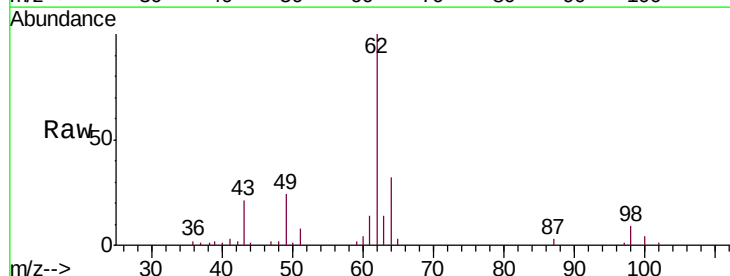
Manual Integrations
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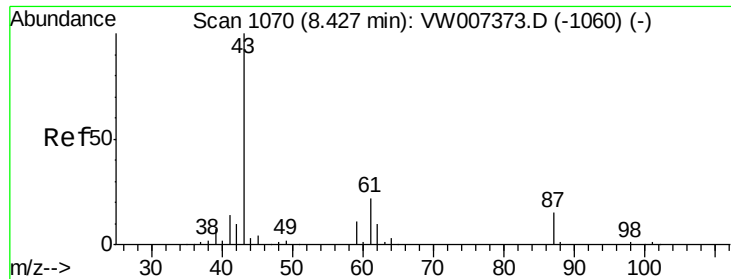
sam
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#42
1,2-Dichloroethane
Concen: 22.639 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion:	62	Resp:	20375
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.6





#43

Isopropyl Acetate

Concen: 22.478 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

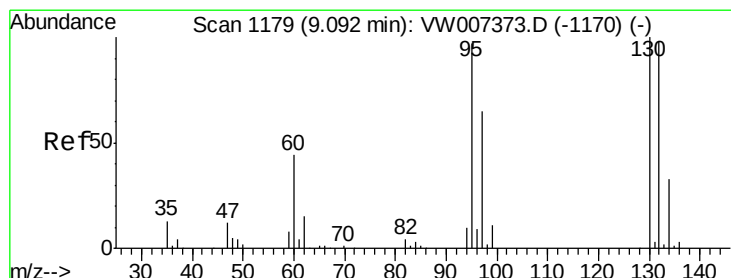
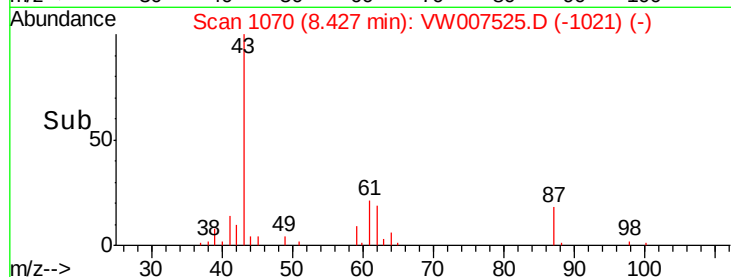
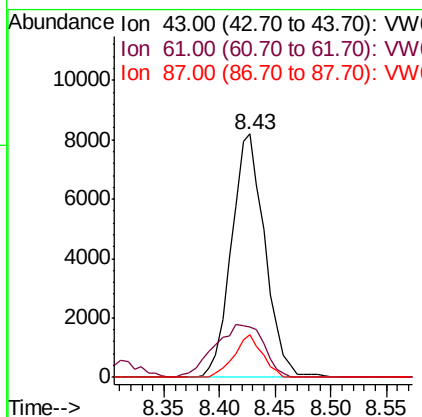
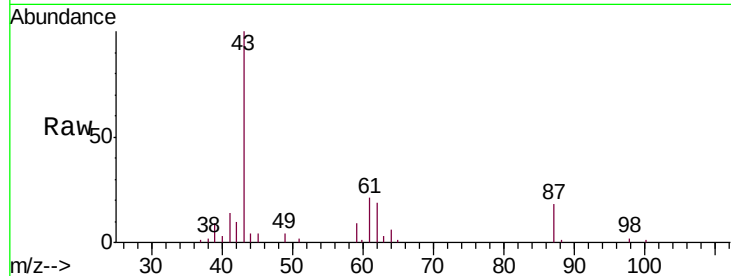
ClientSampleId :

VW1217SBSD01

Tgt Ion:	43	Resp:	17049
Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.3	37.9
87	14.9	11.8	17.8

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#44

Trichloroethene

Concen: 22.653 ug/l

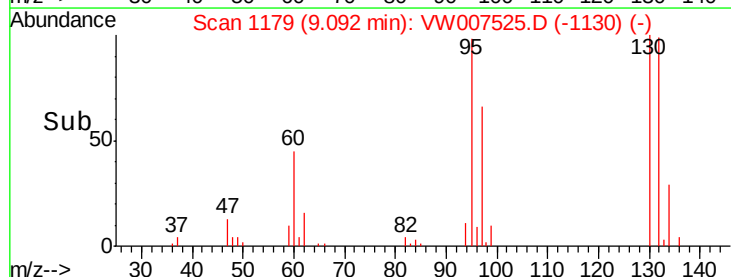
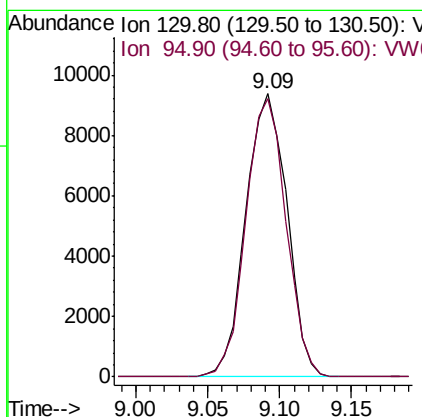
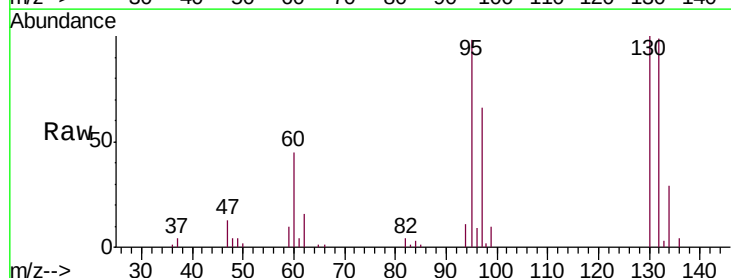
RT: 9.09 min Scan# 1179

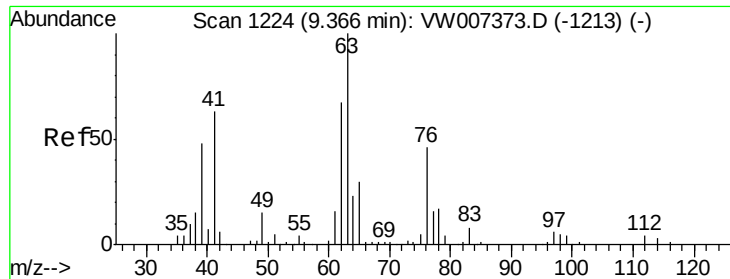
Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Tgt Ion:	130	Resp:	18533
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	193.2





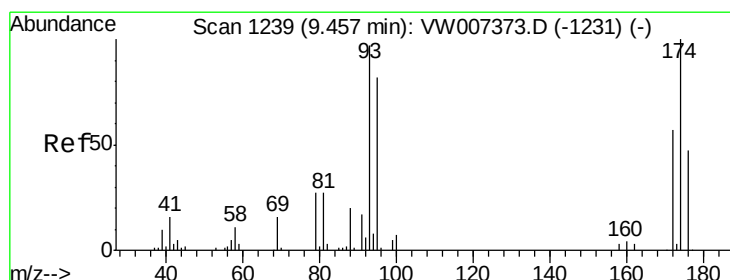
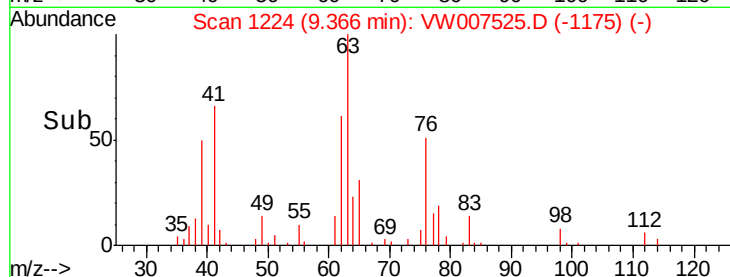
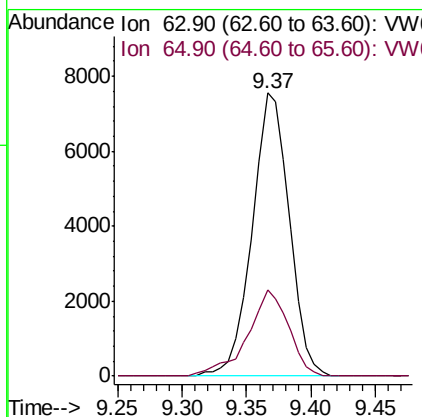
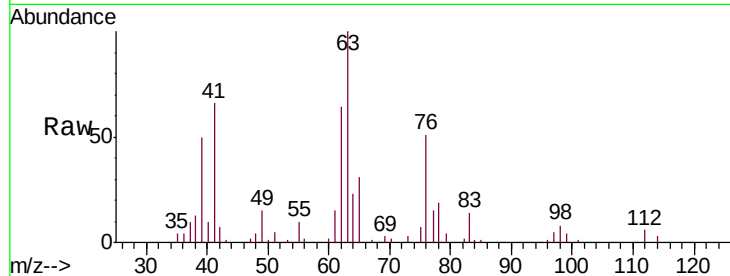
#45
 1,2-Dichloropropane
 Concen: 22.633 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion: 63 Resp: 15006
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6

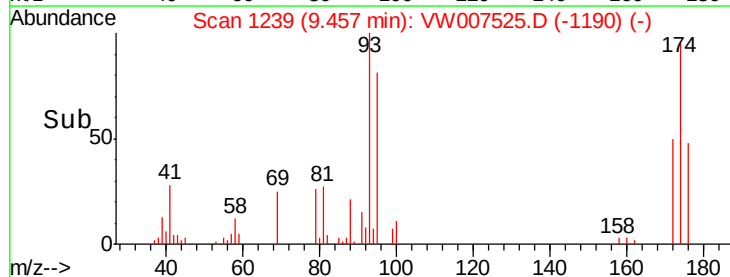
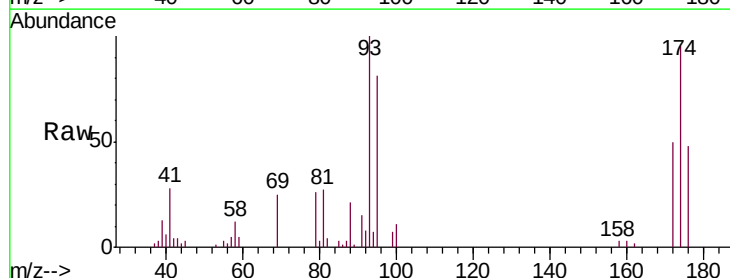
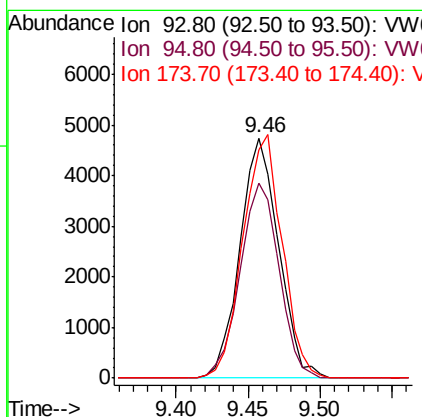
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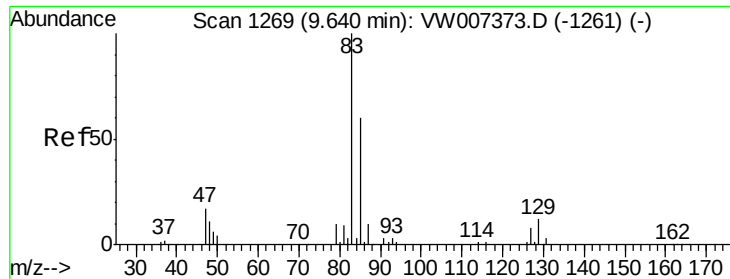
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#46
 Dibromomethane
 Concen: 23.428 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion: 93 Resp: 8821
 Ion Ratio Lower Upper
 93 100
 95 81.8 68.0 102.0
 174 102.7 83.2 124.8





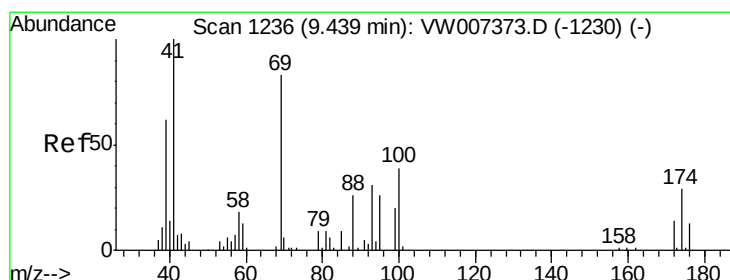
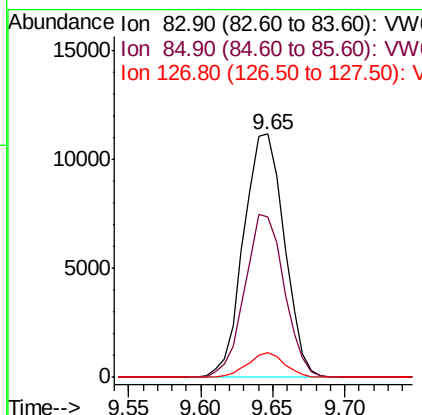
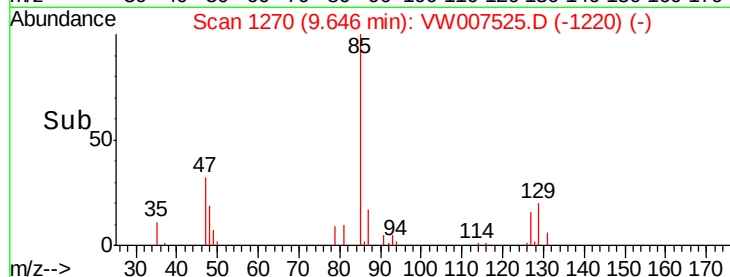
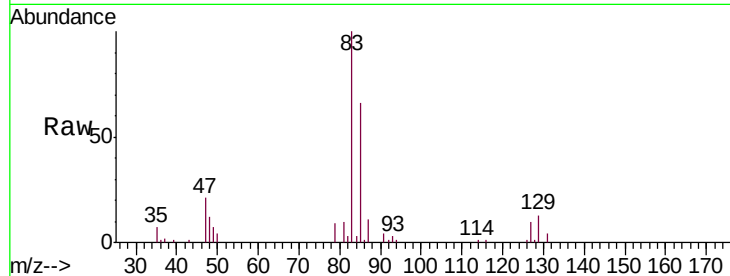
#47
Bromodichloromethane
Concen: 22.161 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
85	66.0	47.6	71.4
127	10.4	6.7	10.1

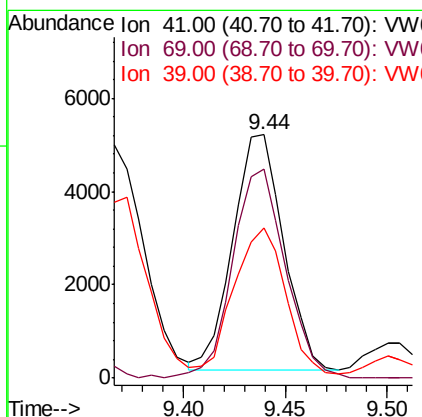
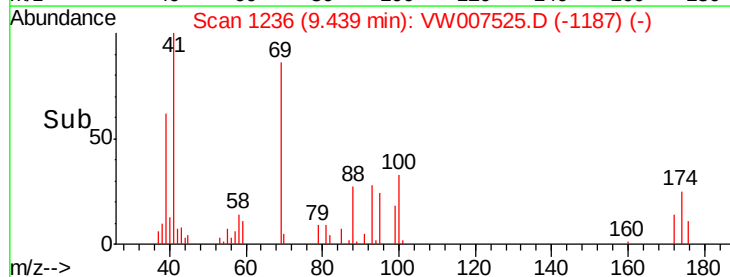
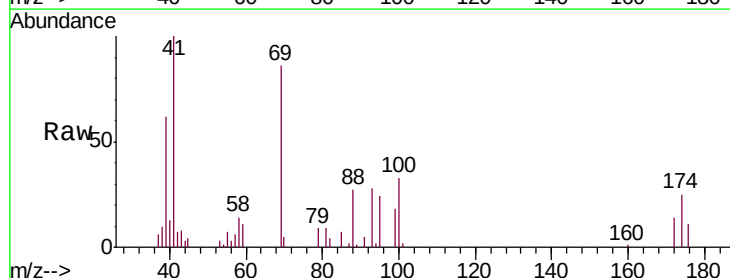
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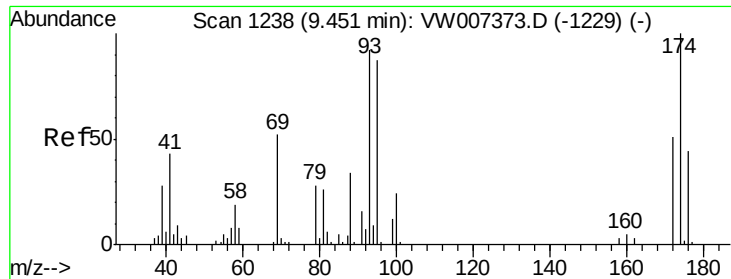
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#48
Methyl methacrylate
Concen: 22.396 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
41	100		
69	92.5	69.8	104.8
39	63.0	50.9	76.3





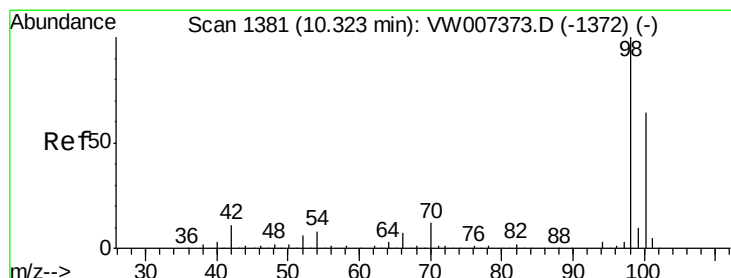
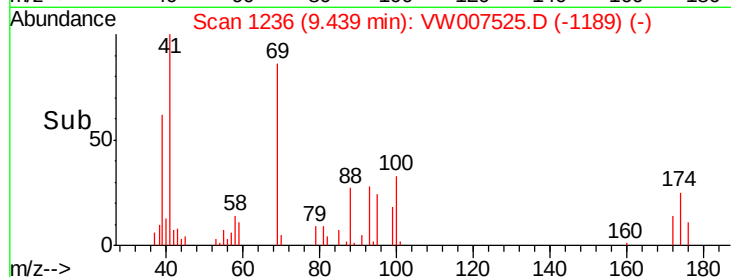
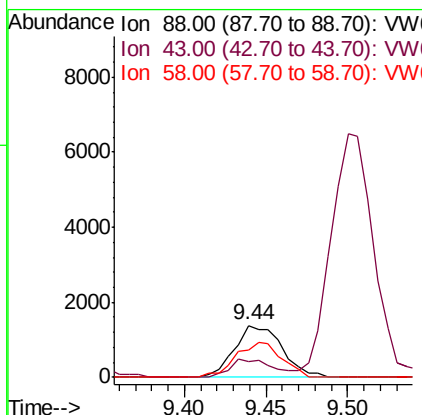
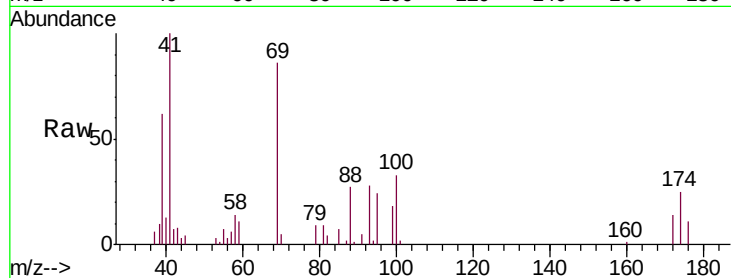
#49
1,4-Dioxane
Concen: 460.293 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.8	25.0	37.4
58	63.6	51.4	77.2

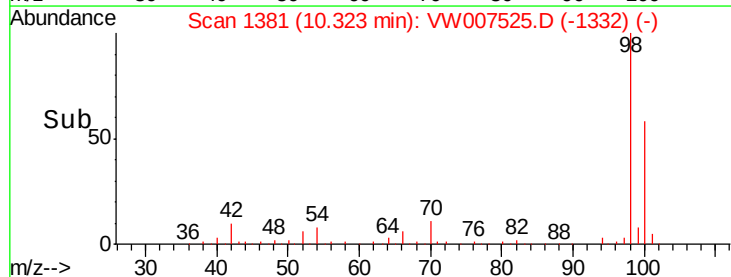
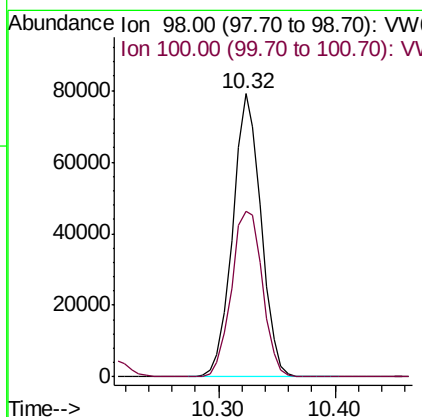
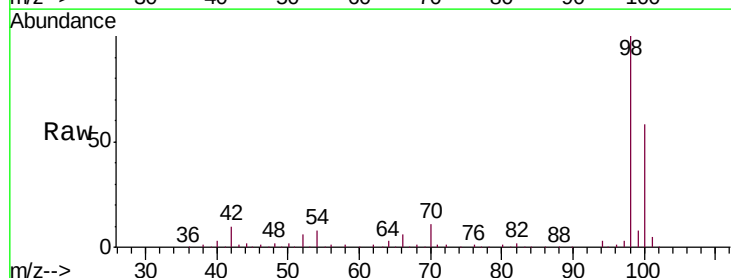
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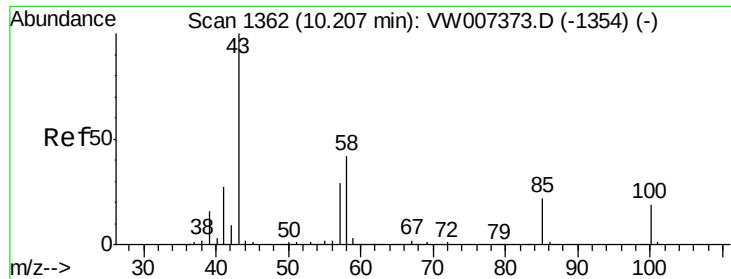
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#50
Toluene-d8
Concen: 52.108 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.8	77.8





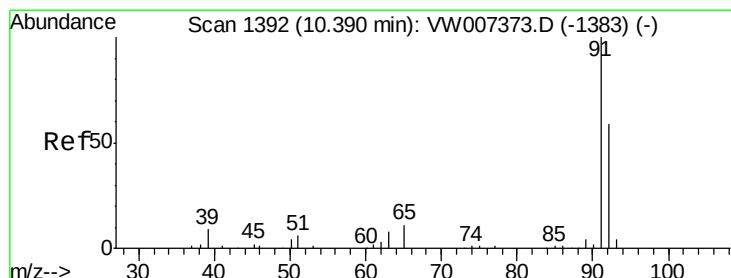
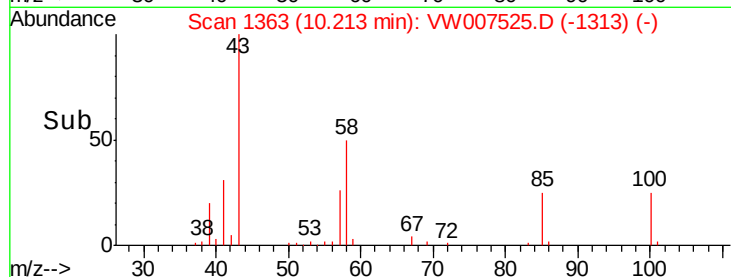
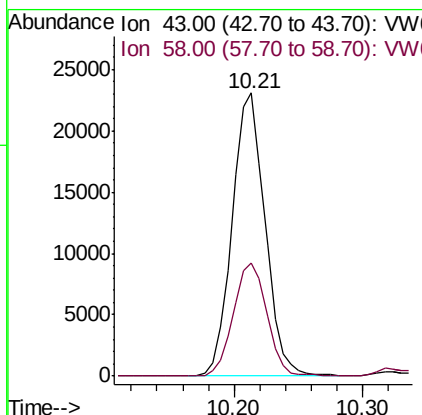
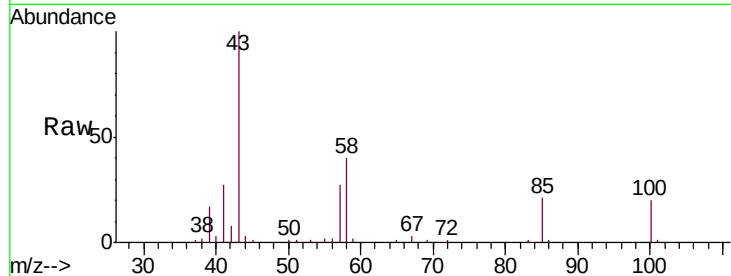
#51
 4-Methyl-2-Pentanone
 Concen: 114.275 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD01

Tgt Ion: 43 Resp: 40954
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.1 49.7

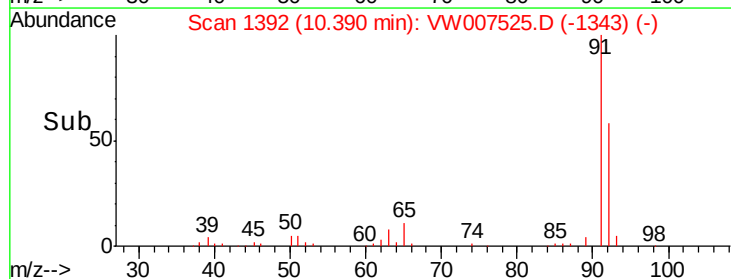
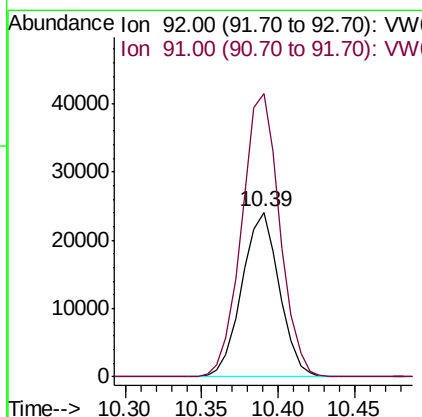
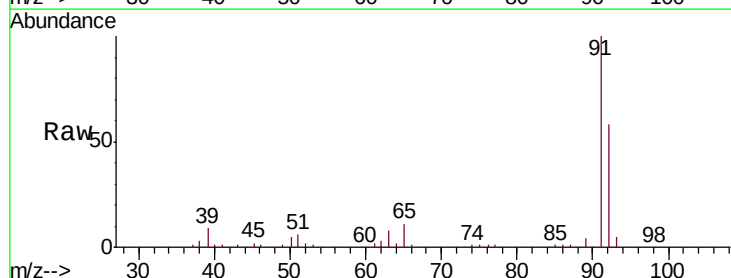
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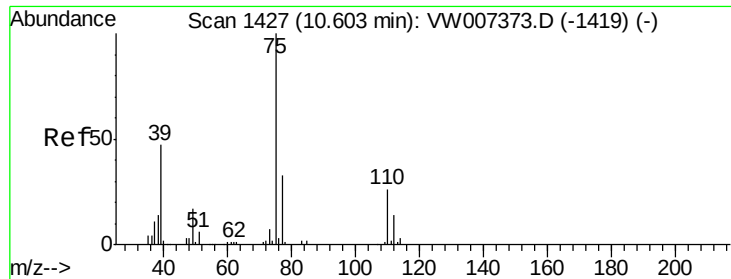
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#52
 Toluene
 Concen: 22.043 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion: 92 Resp: 40870
 Ion Ratio Lower Upper
 92 100
 91 174.7 136.2 204.2





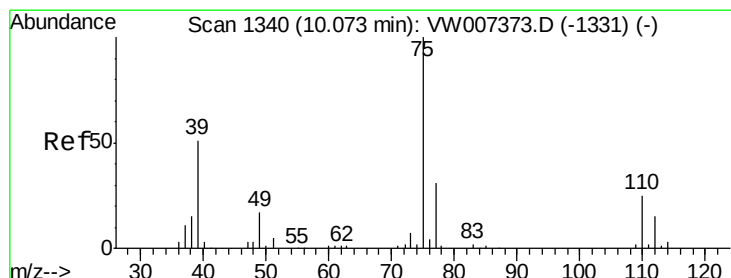
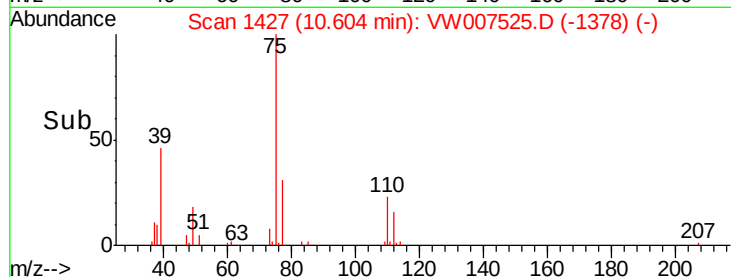
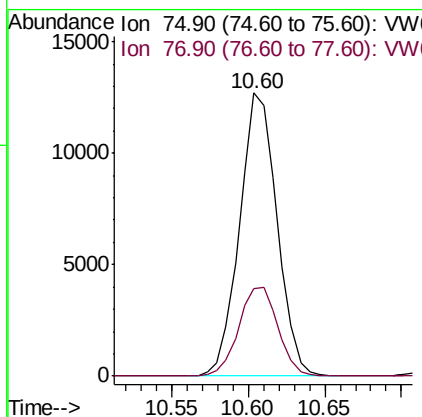
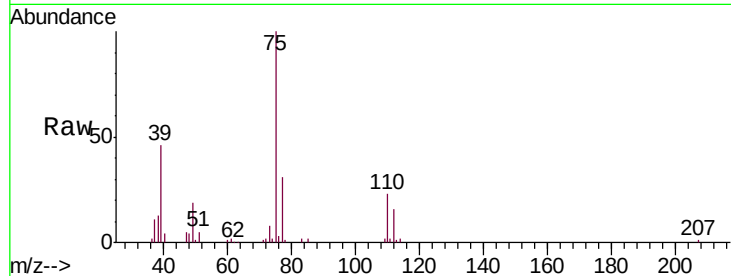
#53
 t-1,3-Dichloropropene
 Concen: 22.497 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion: 75 Resp: 21570
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.2 39.4

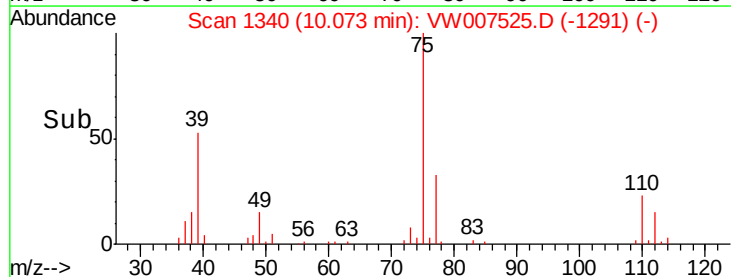
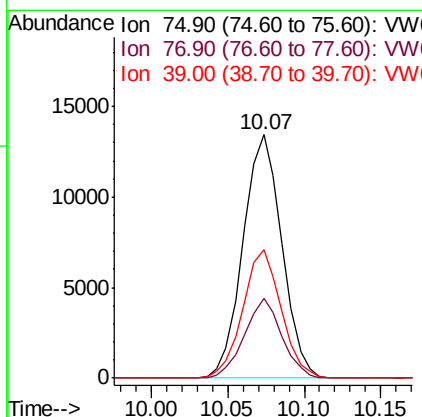
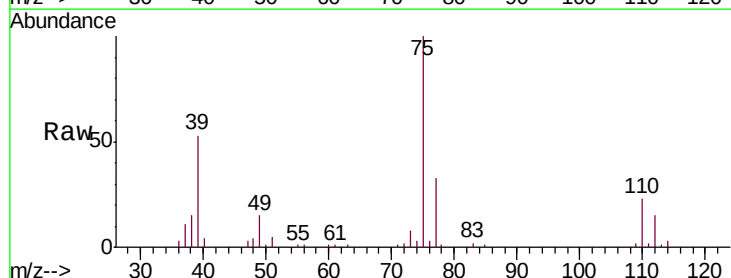
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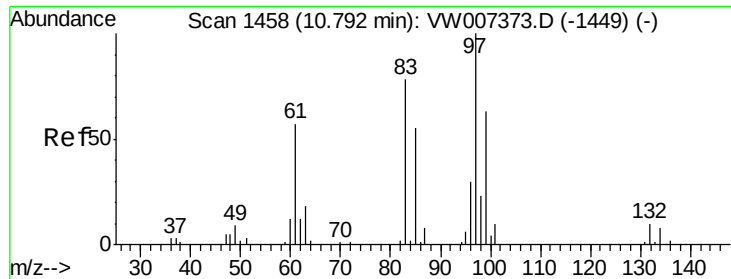
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#54
 cis-1,3-Dichloropropene
 Concen: 21.323 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion: 75 Resp: 23634
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.8 37.2
 39 52.8 40.9 61.3





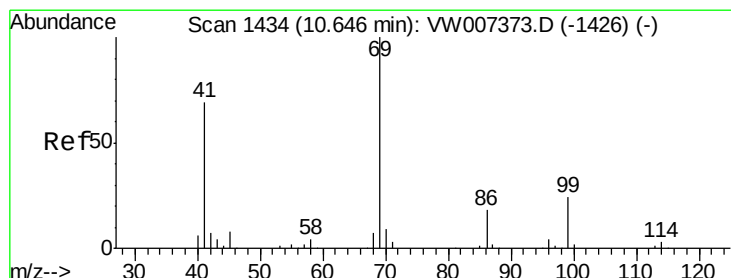
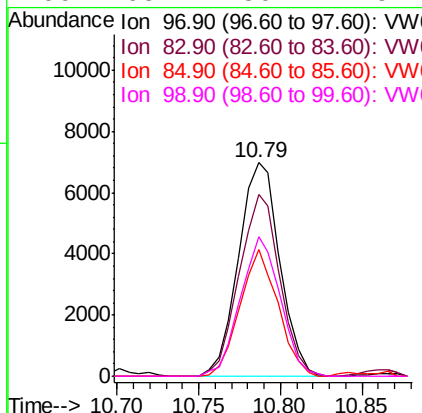
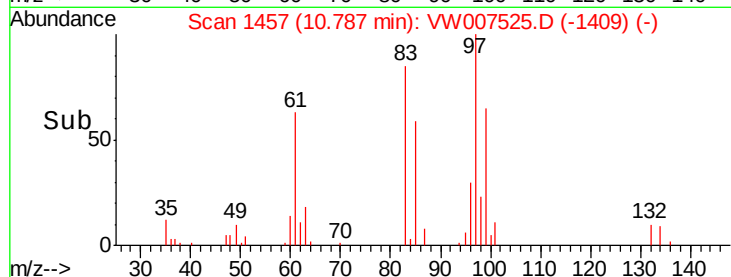
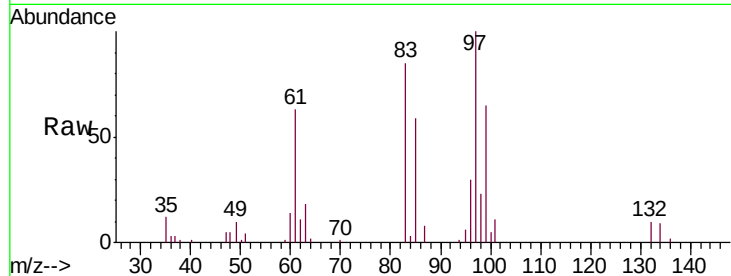
#55
 1,1,2-Trichloroethane
 Concen: 23.970 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion:	97	Resp:	12283
Ion	Ratio	Lower	Upper
97	100		
83	85.0	62.1	93.1
85	59.4	44.2	66.4
99	65.1	50.2	75.4

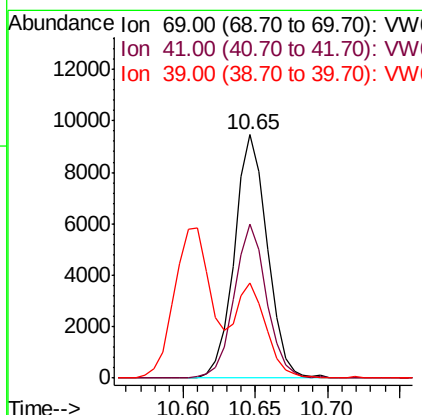
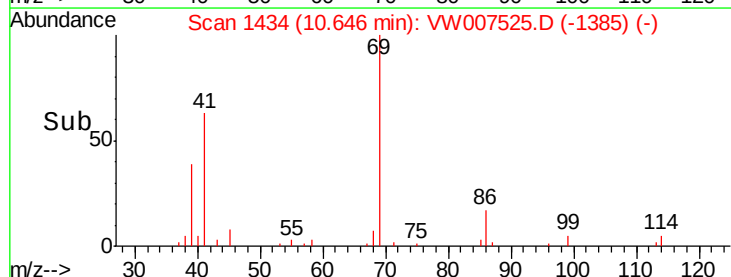
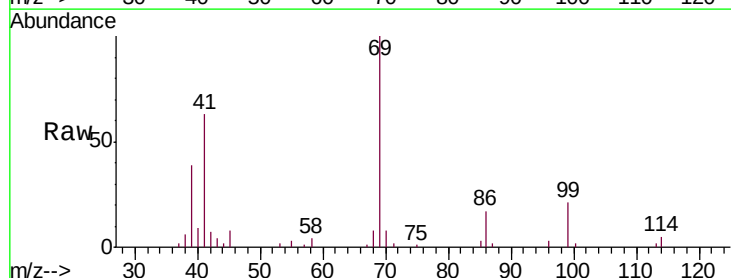
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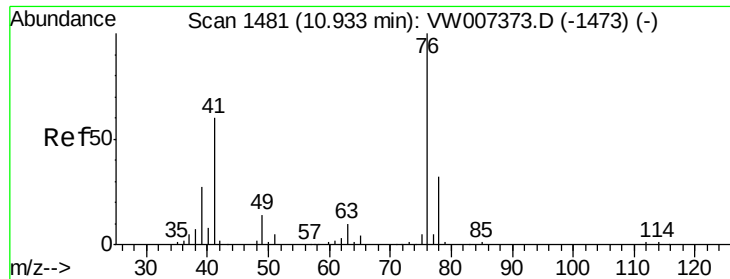
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#56
 Ethyl methacrylate
 Concen: 24.381 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion:	69	Resp:	15017
Ion	Ratio	Lower	Upper
69	100		
41	62.6	51.0	76.6
39	36.8	30.8	46.2





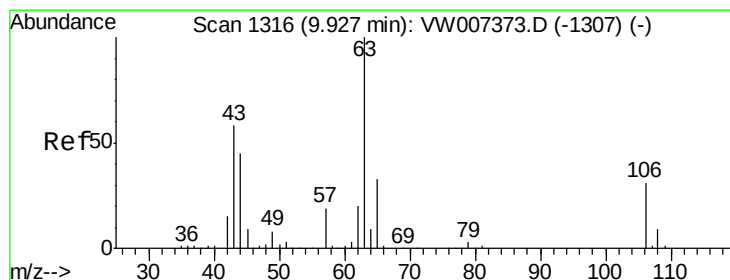
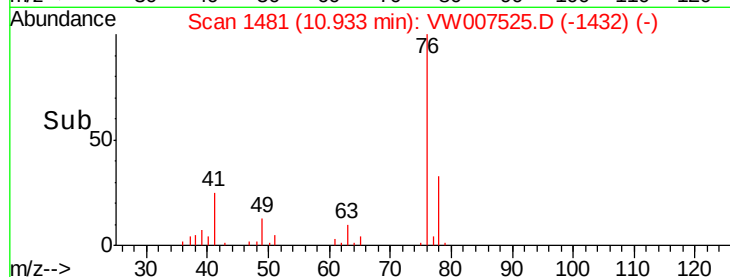
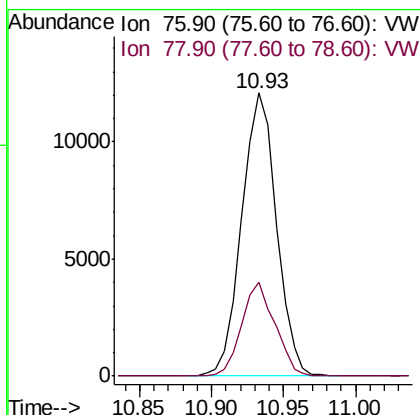
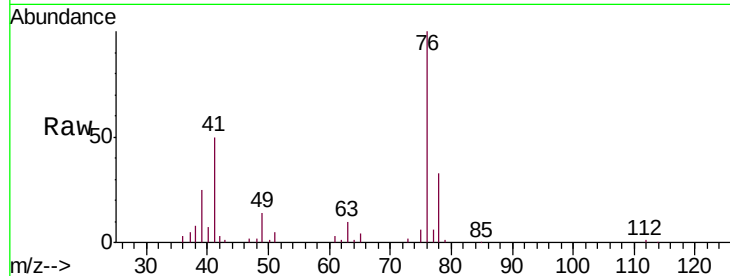
#57
 1,3-Dichloropropane
 Concen: 24.011 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD01

Tgt Ion: 76 Resp: 20195
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.2 39.4

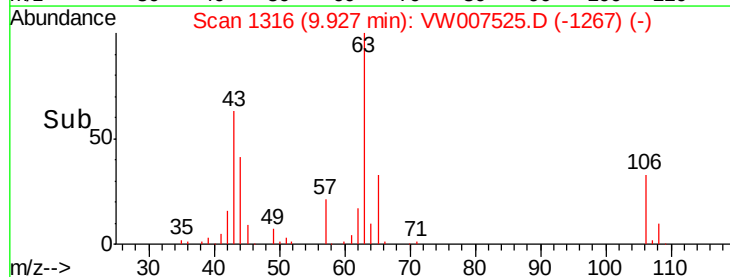
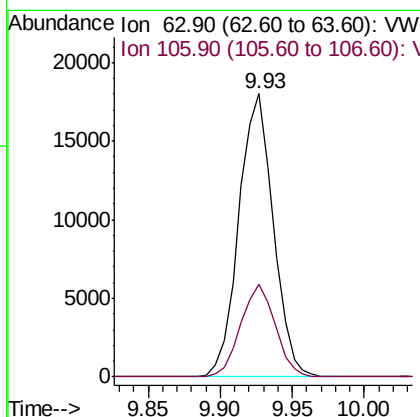
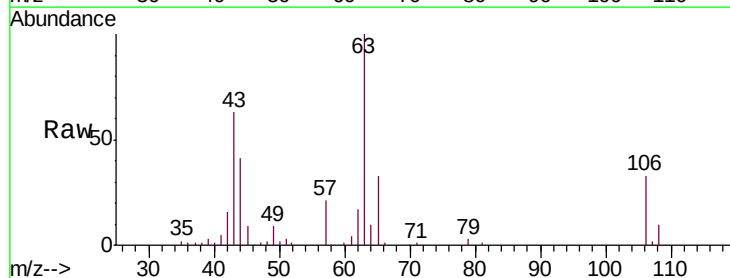
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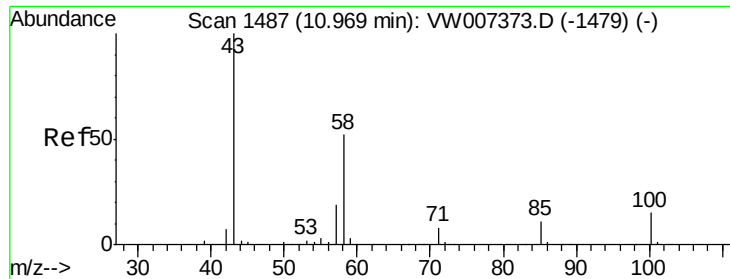
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#58
 2-Chloroethyl Vinyl ether
 Concen: 105.076 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion: 63 Resp: 29845
 Ion Ratio Lower Upper
 63 100
 106 32.5 25.0 37.6





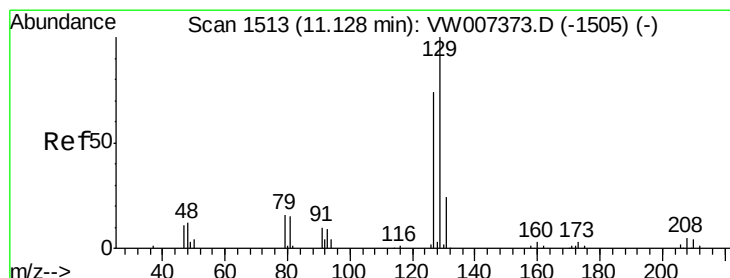
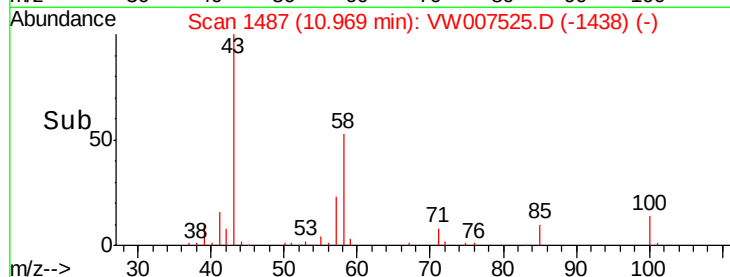
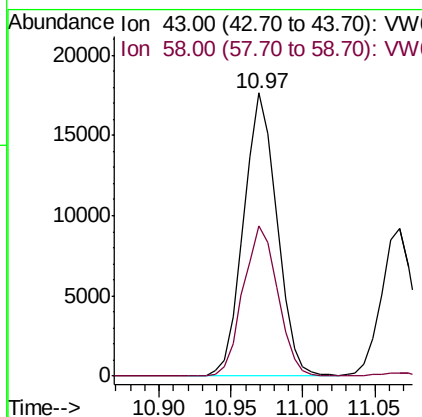
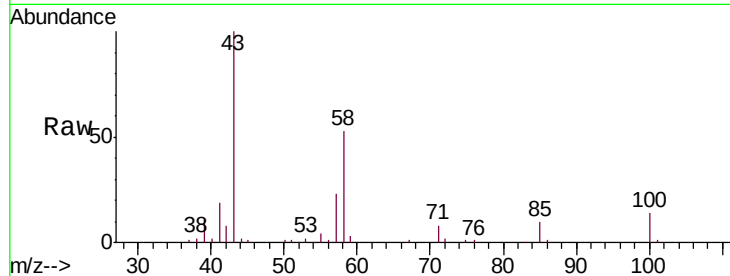
#59
2-Hexanone
Concen: 118.262 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion: 43 Resp: 28261
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.3

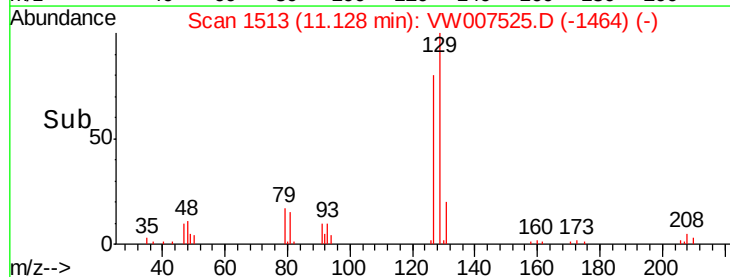
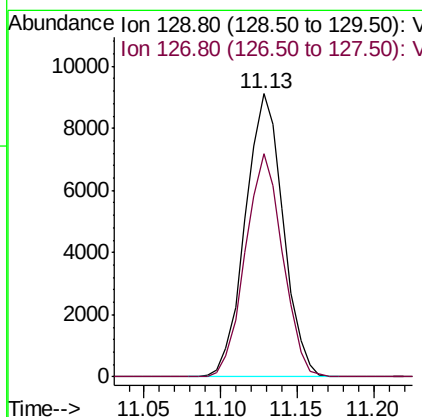
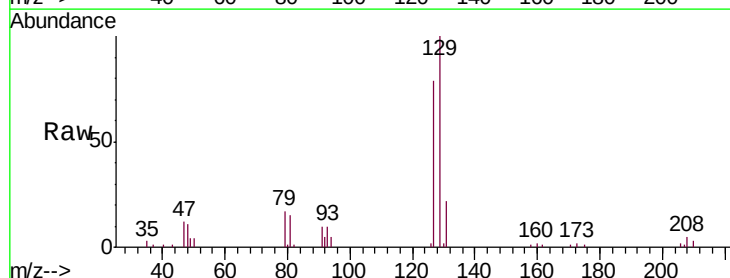
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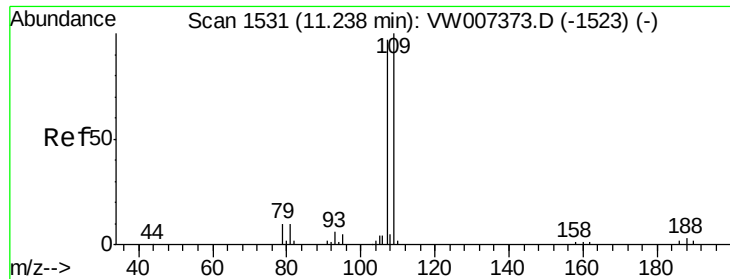
sam
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#60
Dibromochloromethane
Concen: 24.257 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion: 129 Resp: 15687
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3





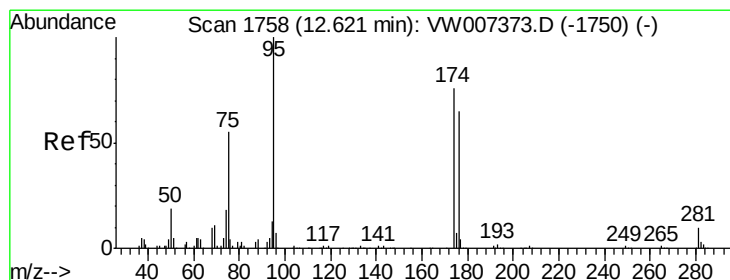
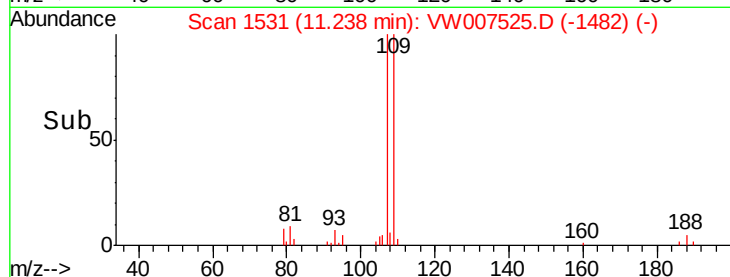
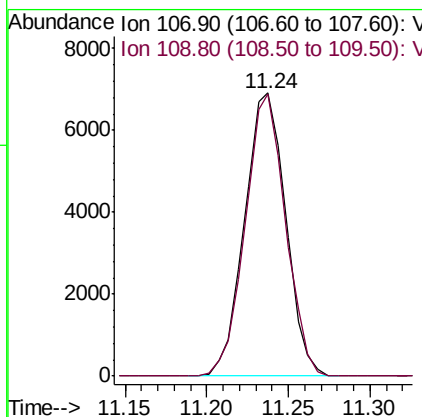
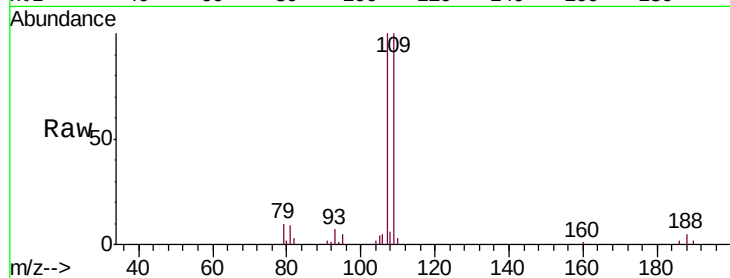
#61
 1,2-Dibromoethane
 Concen: 24.030 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	12169		
109	97.2	79.1	118.7	

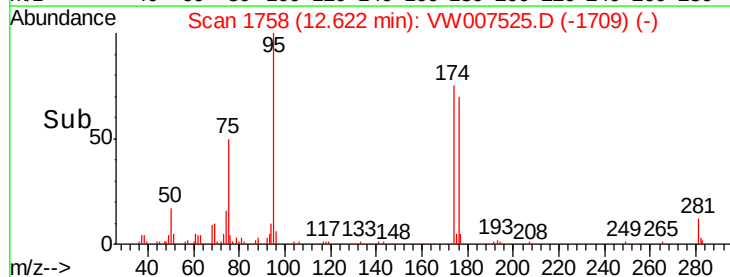
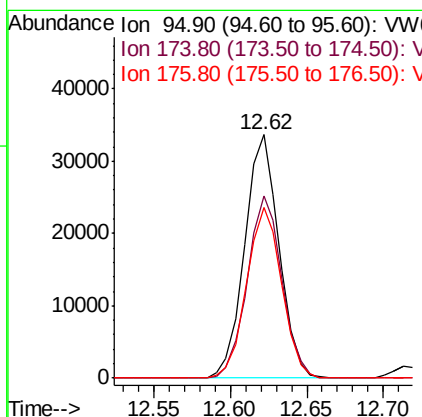
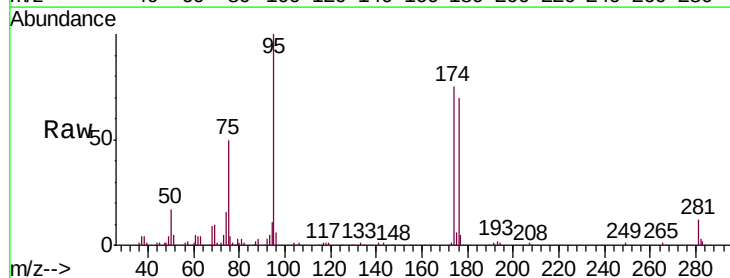
Manual Integrations
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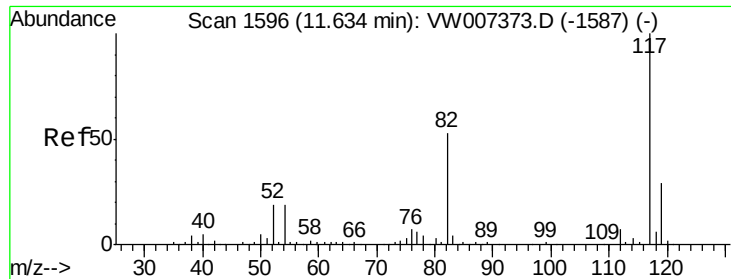
sam
 1/8/2019 9:19:56 AM



#62
 4-Bromofluorobenzene
 Concen: 55.449 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	52367		
174	75.5	0.0	147.2	
176	71.5	0.0	138.8	





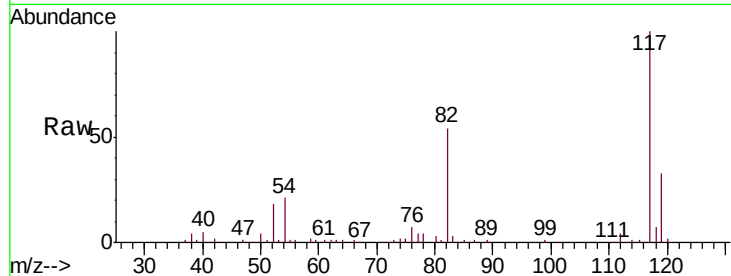
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.3	63.5
119	32.6	23.0	34.6

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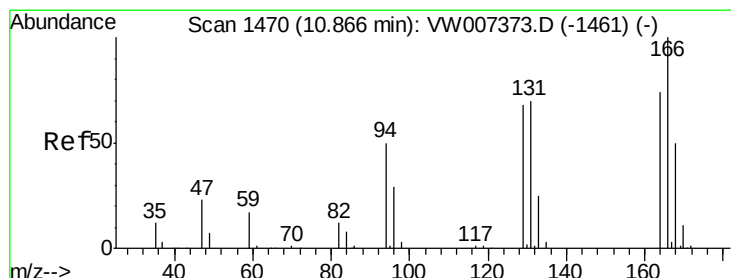
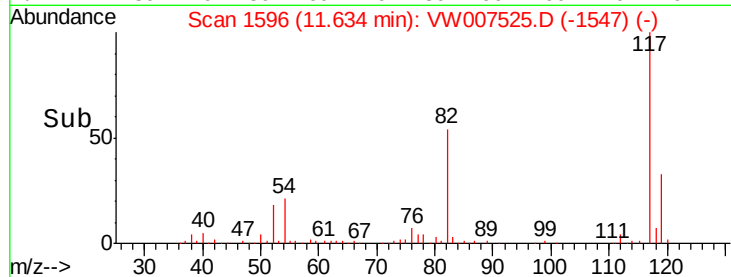
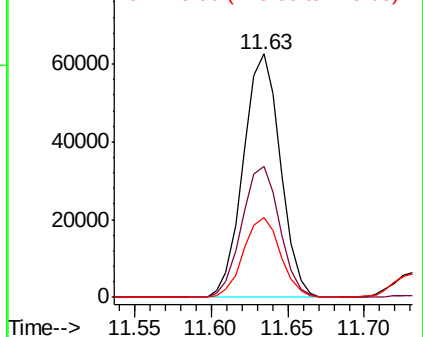


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 22.547 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.9	107.9	161.9
129	92.1	73.4	110.2
131	93.4	75.8	113.6

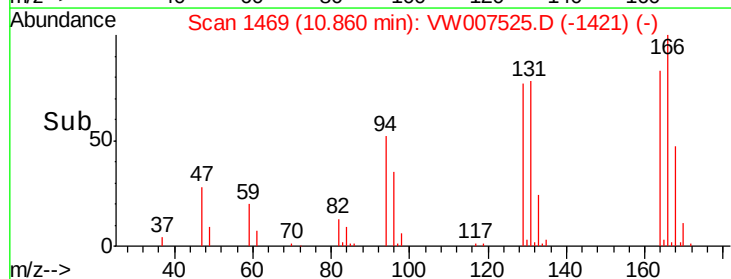
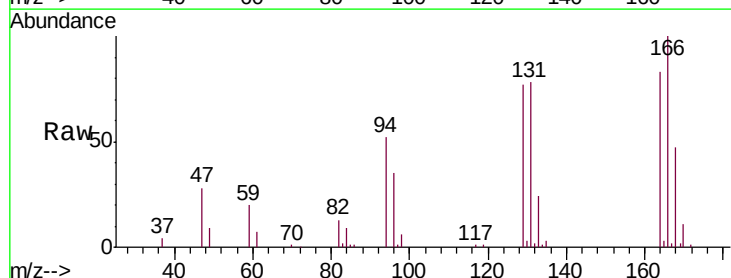
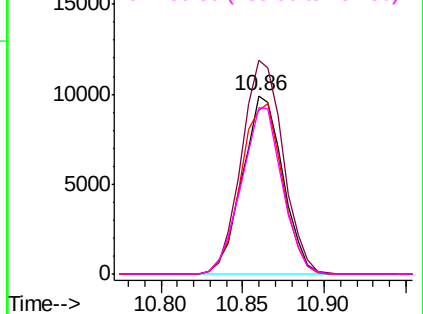
Abundance

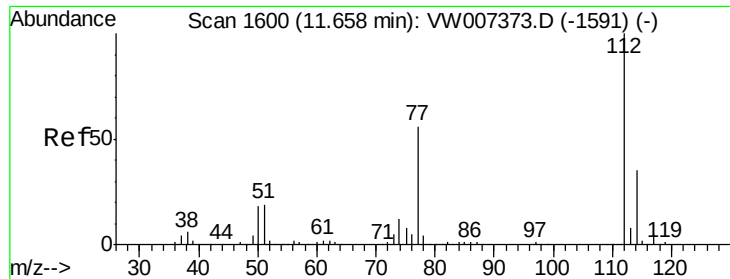
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





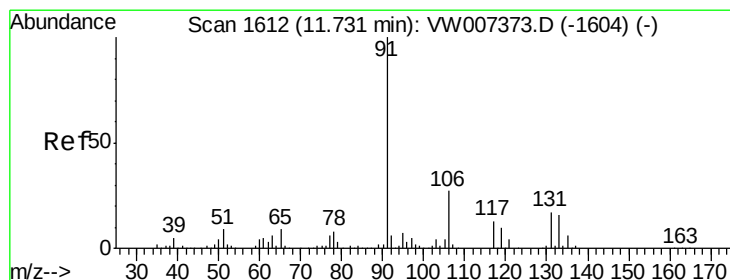
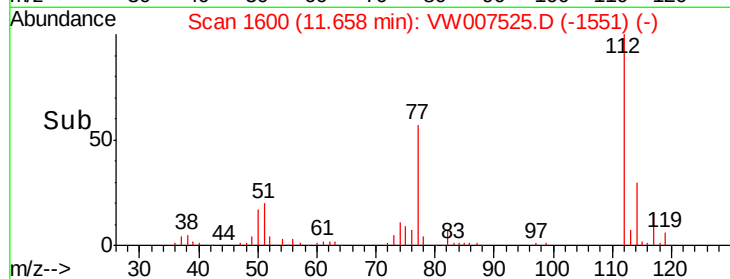
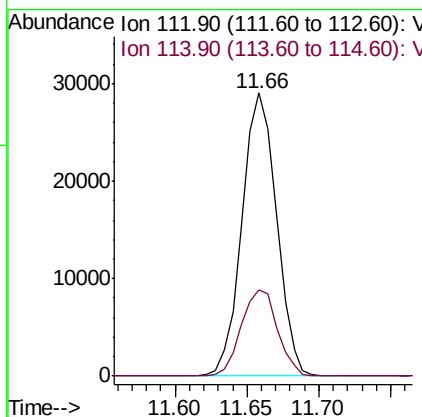
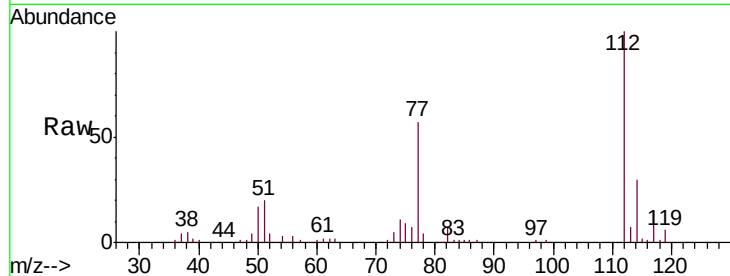
#65
Chlorobenzene
Concen: 21.847 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD01

Tgt Ion:112 Resp: 48154
Ion Ratio Lower Upper
112 100
114 30.3 27.8 41.8

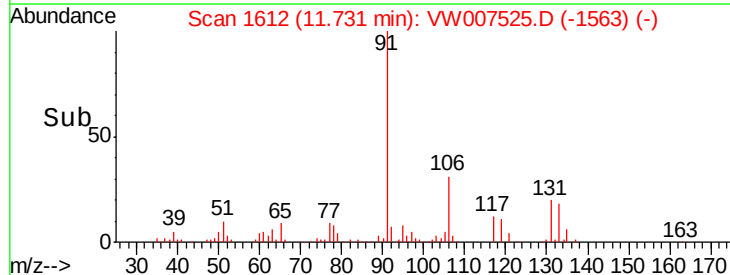
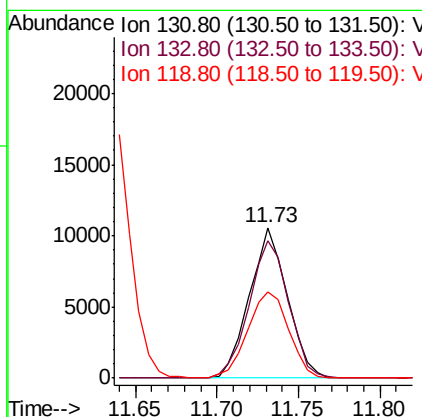
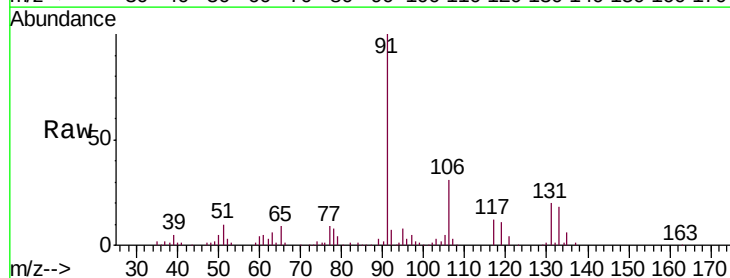
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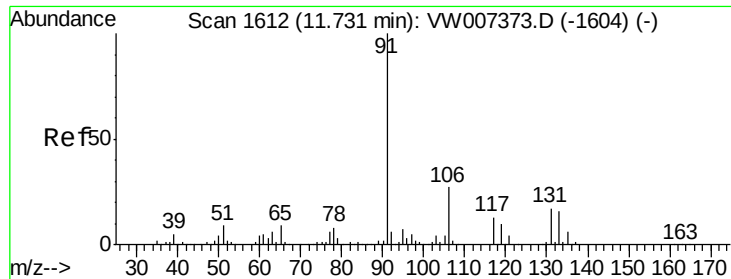
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.036 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion:131 Resp: 17107
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 62.1 31.3 93.9





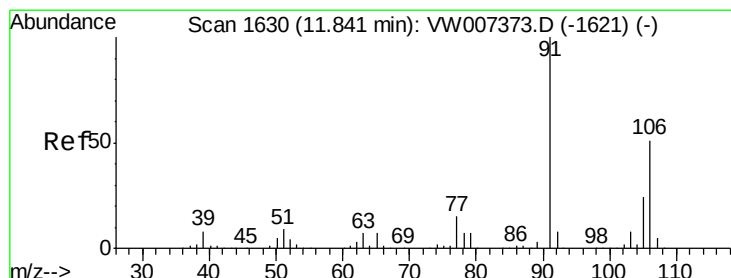
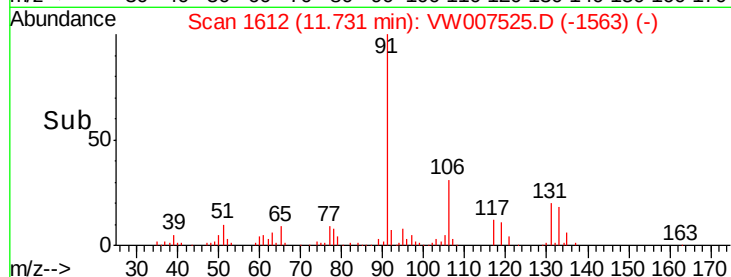
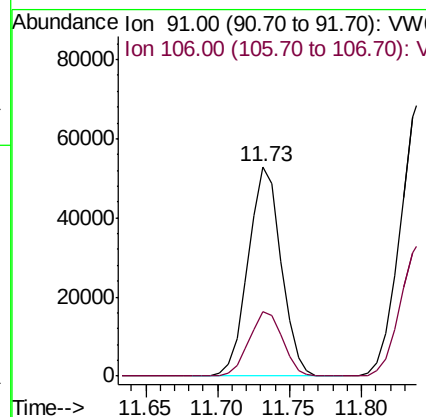
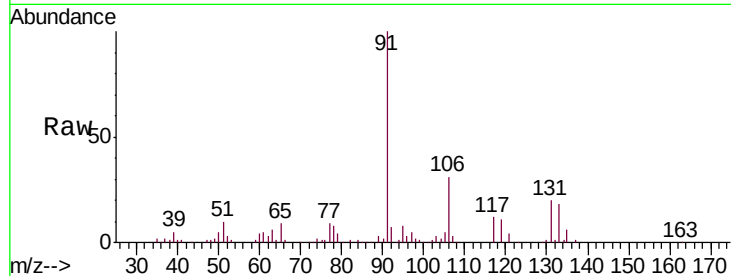
#67
Ethyl Benzene
Concen: 22.020 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD01

Tgt Ion: 91 Resp: 83446
Ion Ratio Lower Upper
91 100
106 31.0 21.8 32.8

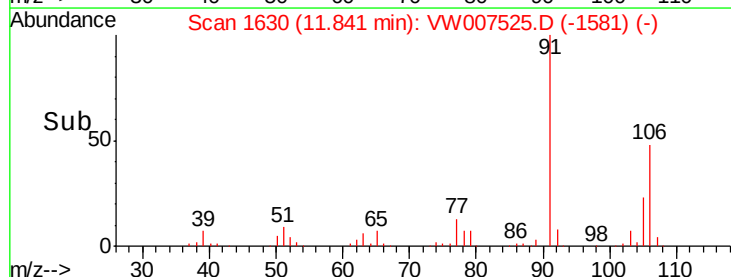
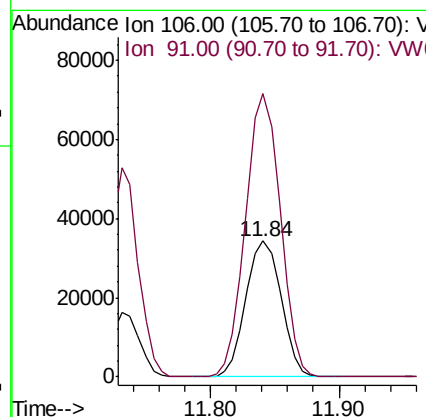
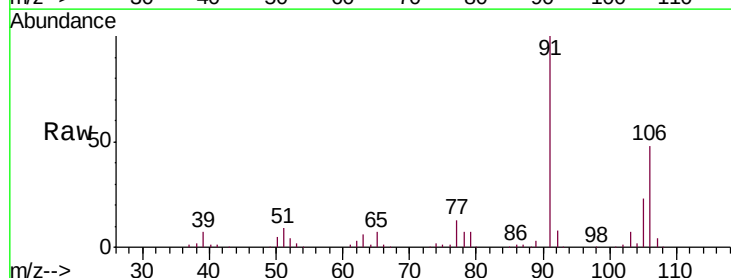
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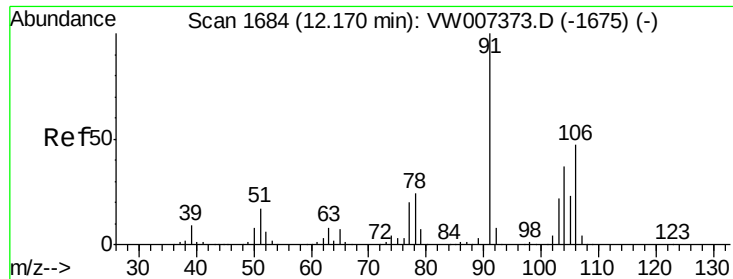
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#68
m/p-Xylenes
Concen: 44.408 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion: 106 Resp: 65423
Ion Ratio Lower Upper
106 100
91 204.8 165.3 247.9





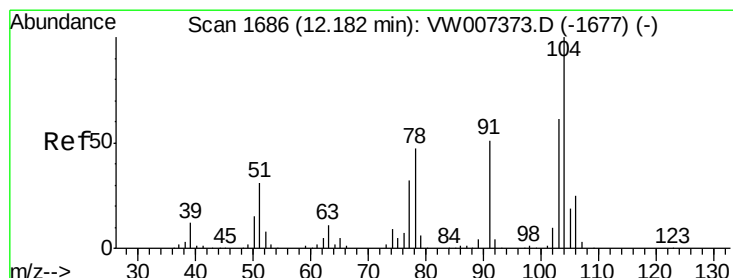
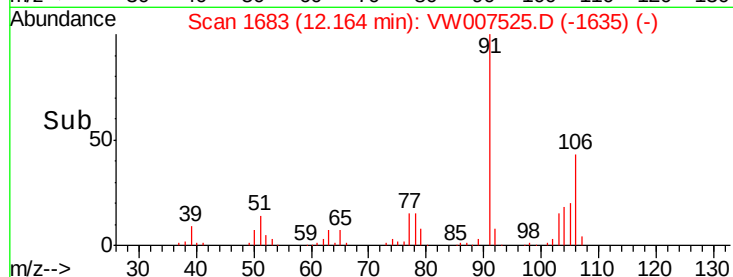
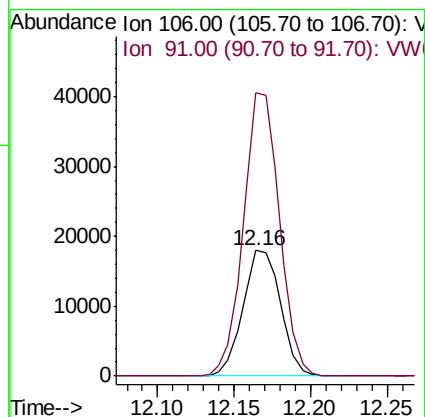
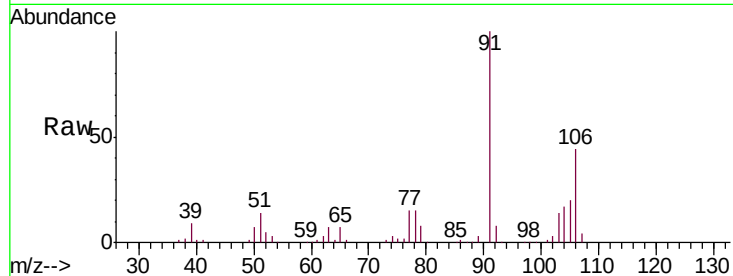
#69
o-Xylene
Concen: 22.318 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD01

Tgt Ion:106 Resp: 30708
Ion Ratio Lower Upper
106 100
91 216.3 106.6 319.8

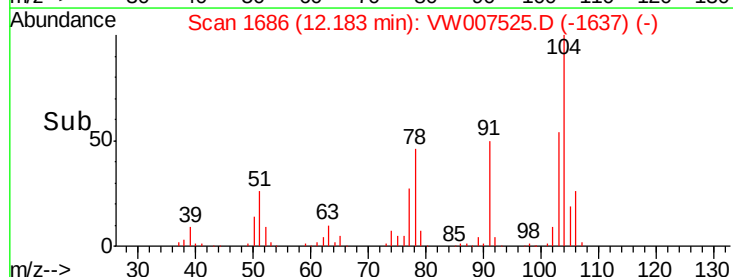
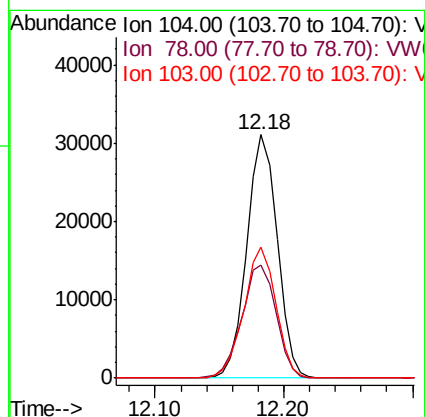
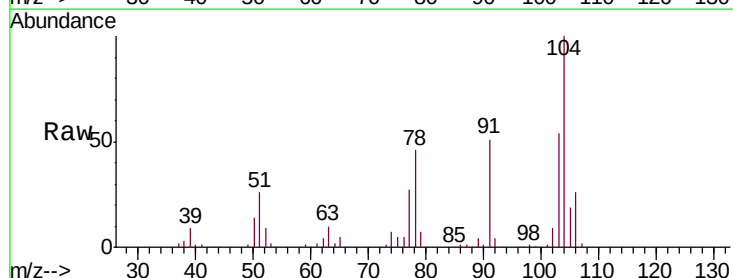
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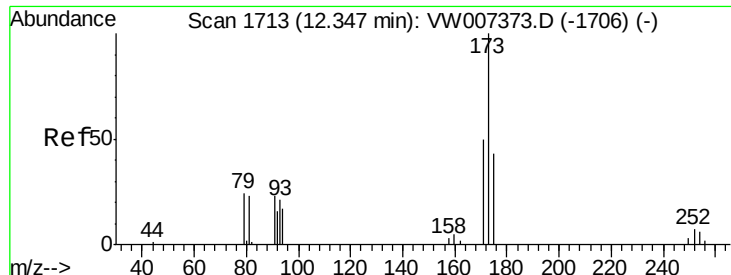
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#70
Styrene
Concen: 22.829 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion:104 Resp: 50735
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.8
103 56.2 46.6 69.8





#71

Bromoform

Concen: 22.952 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

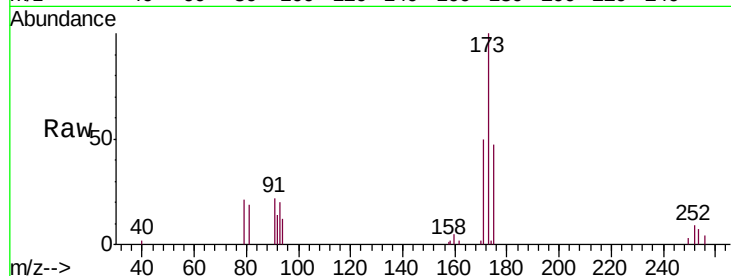
ClientSampleId :

VW1217SBS01

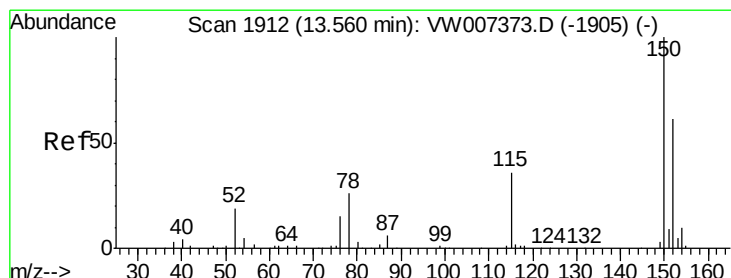
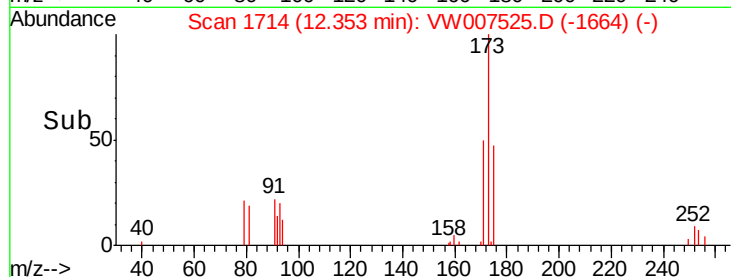
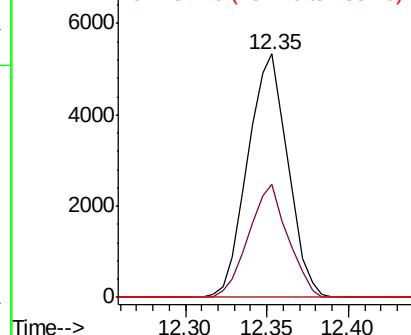
Tgt Ion:	173	Resp:	9120
Ion Ratio	Lower	Upper	
173	100		
175	45.3	23.6	70.8
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

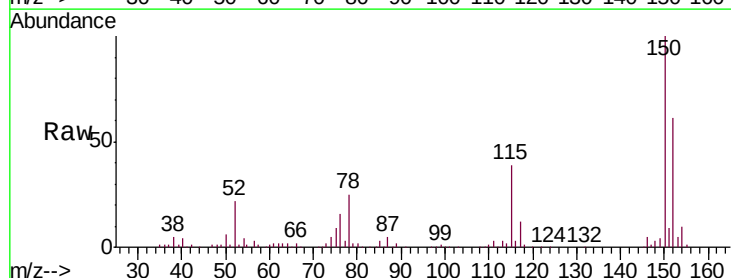
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

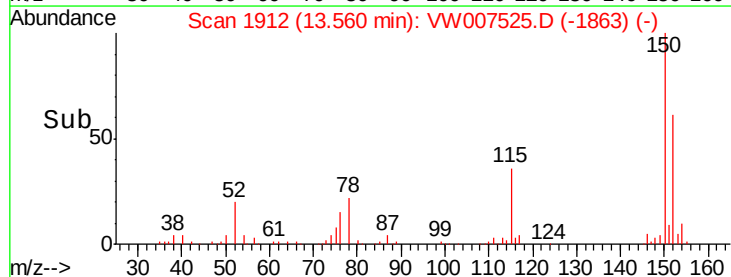
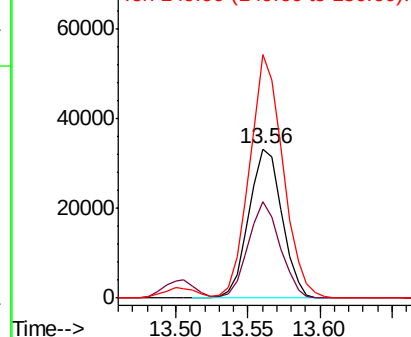
Lab File: VW007525.D

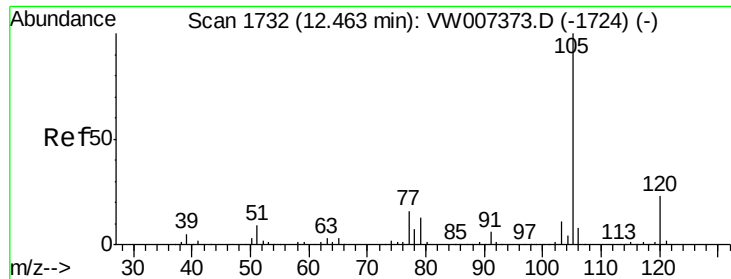
Acq: 14 Dec 2018 10:49

Tgt Ion:	152	Resp:	52746
Ion Ratio	Lower	Upper	
152	100		
115	61.9	31.4	94.2
150	164.3	0.0	358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





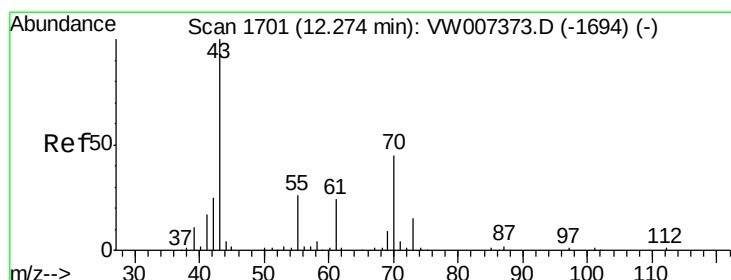
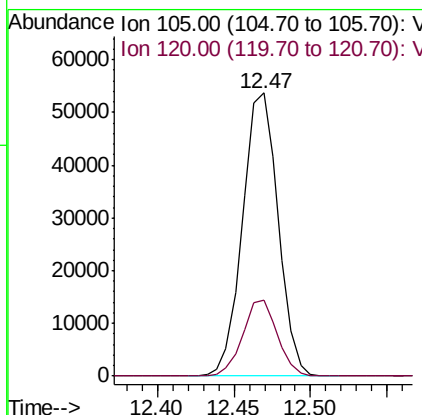
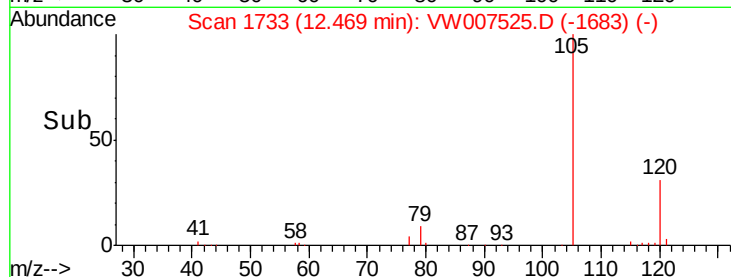
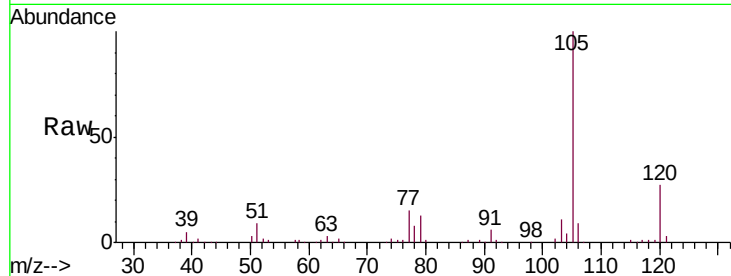
#73
Isopropylbenzene
Concen: 21.476 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD01

Tgt Ion: 105 Resp: 86798
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

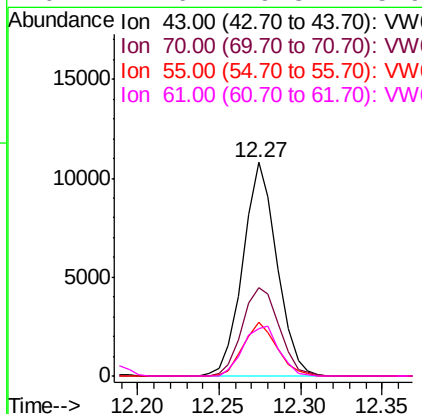
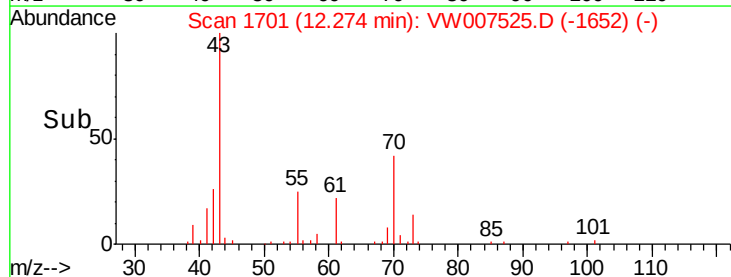
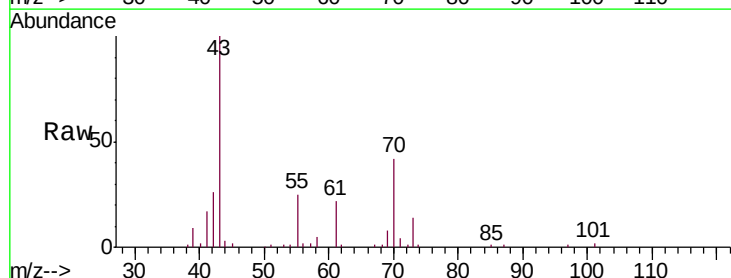
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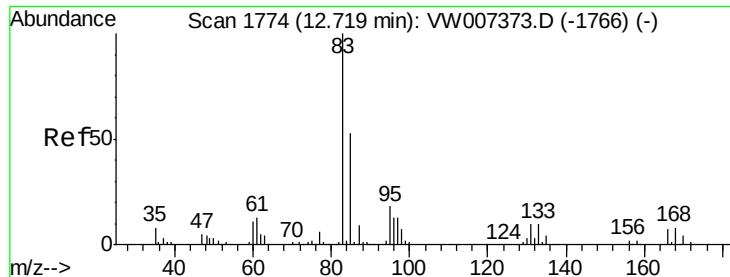
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#74
N-ethyl acetate
Concen: 21.368 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion: 43 Resp: 15695
Ion Ratio Lower Upper
43 100
70 45.2 36.5 54.7
55 24.9 20.1 30.1
61 24.6 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.708 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

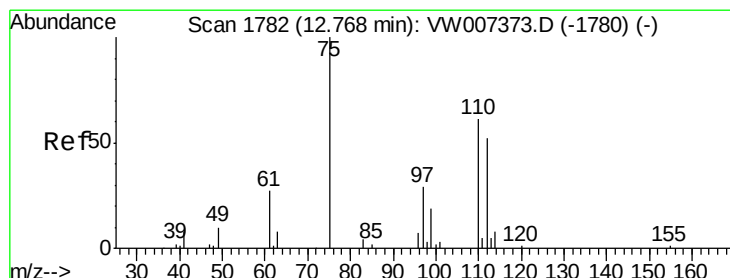
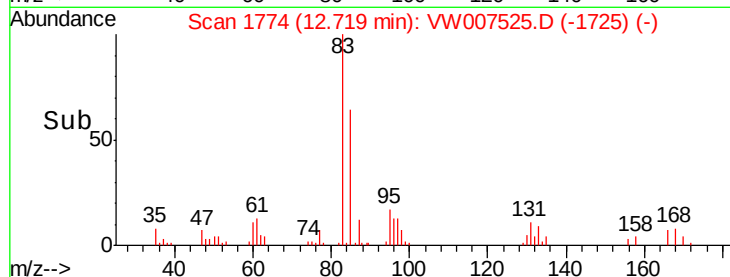
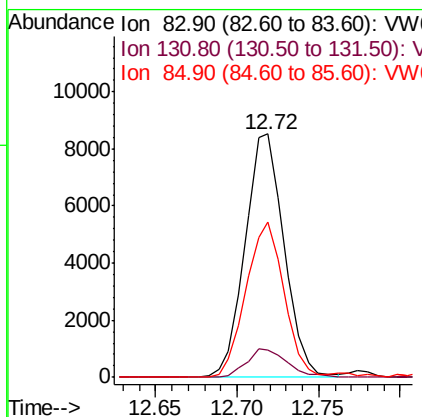
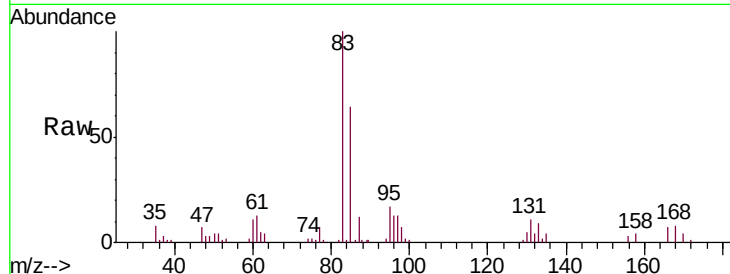
ClientSampleId :

VW1217SBSD01

Tgt Ion:	83	Resp:	14192
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.8
85	62.0	30.0	90.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 24.759 ug/l m

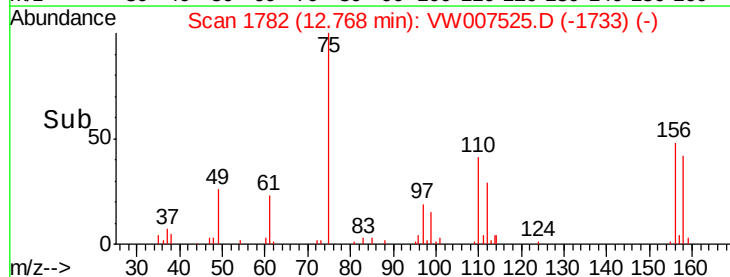
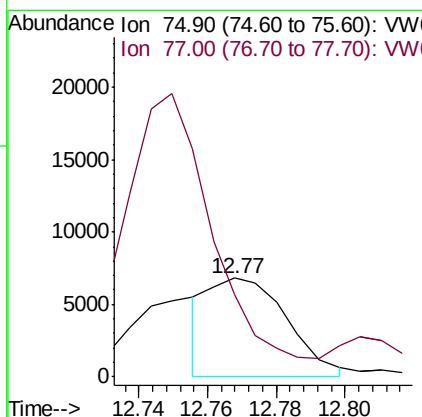
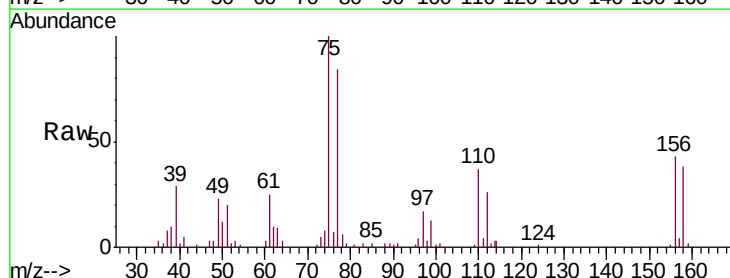
RT: 12.77 min Scan# 1782

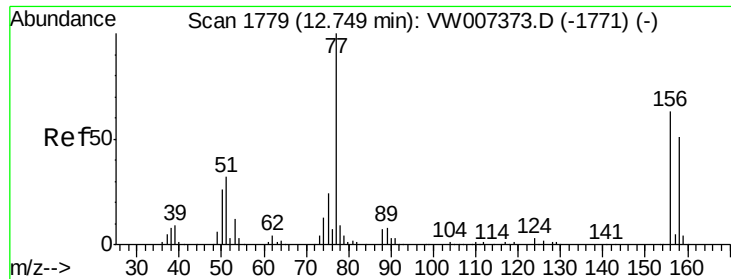
Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Tgt Ion:	75	Resp:	10768
Ion Ratio	Lower	Upper	
75	100		
77	332.7	166.9	500.8





#77

Bromobenzene

Concen: 22.085 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_W

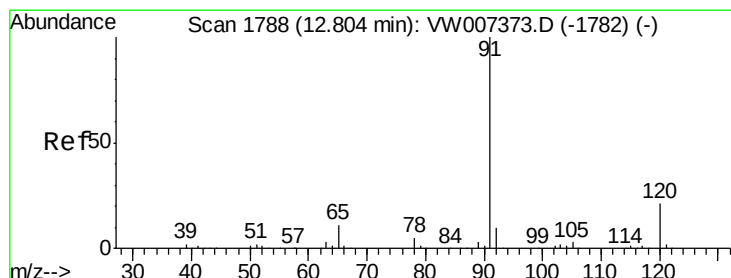
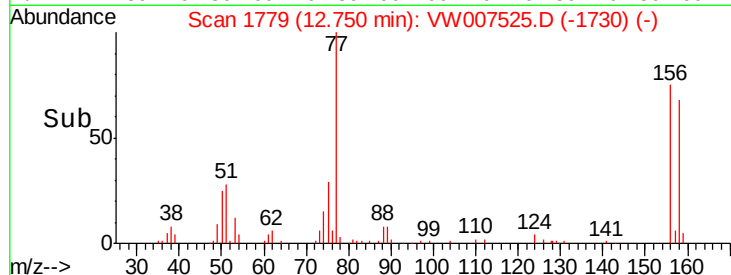
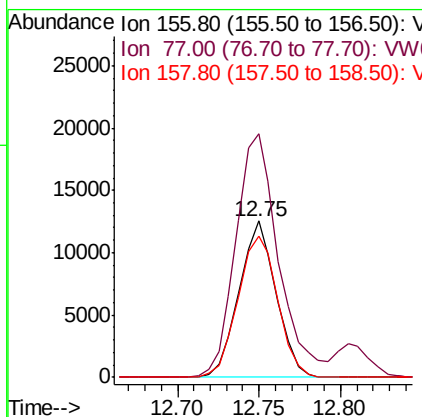
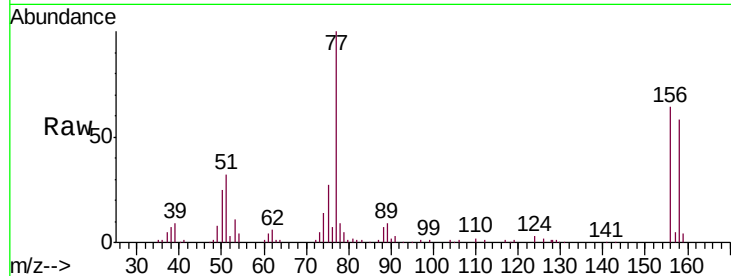
ClientSampleId :

VW1217SBS01

Tgt Ion:	156	Resp:	19785
Ion Ratio	Lower	Upper	
156	100		
77	181.1	88.1	264.4
158	96.8	45.6	136.7

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#78

n-propylbenzene

Concen: 22.132 ug/l

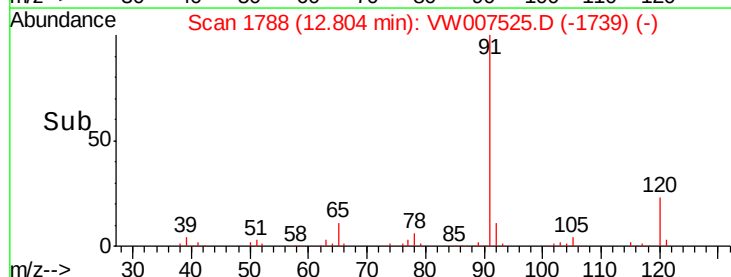
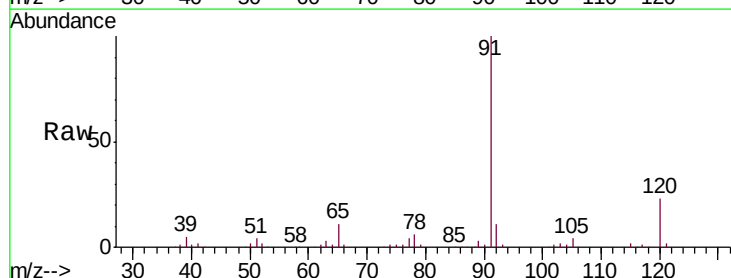
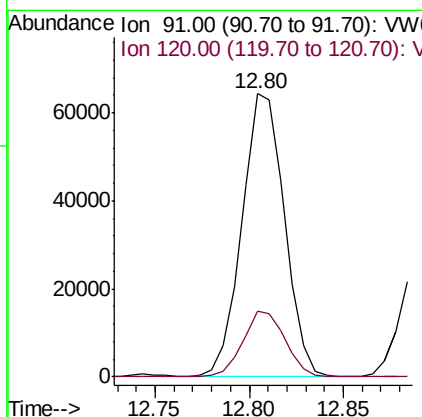
RT: 12.80 min Scan# 1788

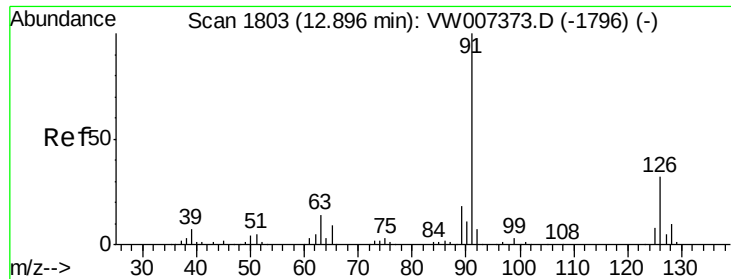
Delta R.T. 0.00 min

Lab File: VW007525.D

Acq: 14 Dec 2018 10:49

Tgt Ion:	91	Resp:	100664
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.9	35.5





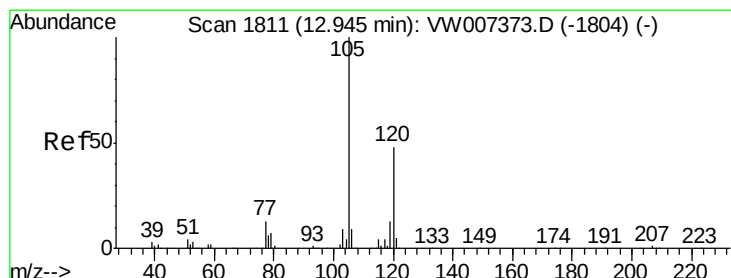
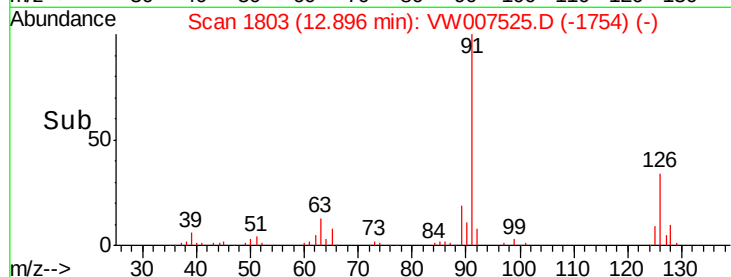
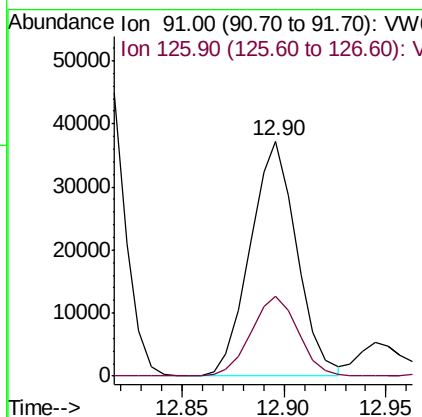
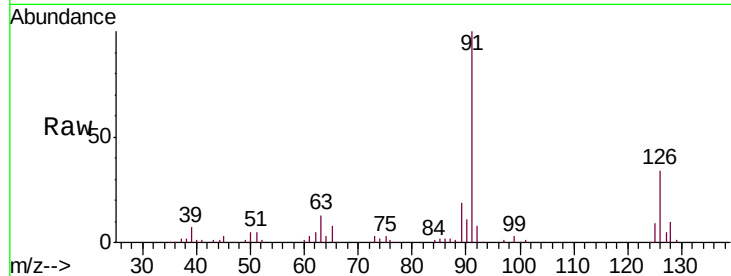
#79
2-Chlorotoluene
Concen: 21.501 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD01

Tgt Ion: 91 Resp: 59174
Ion Ratio Lower Upper
91 100
126 34.4 15.9 47.6

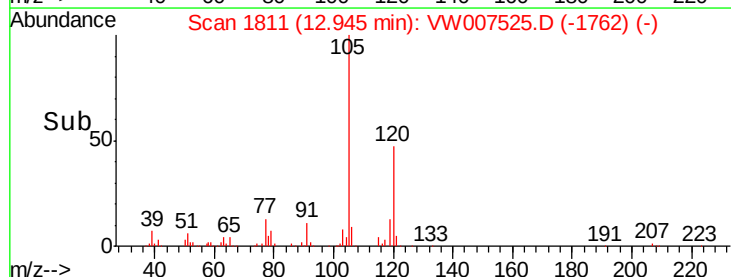
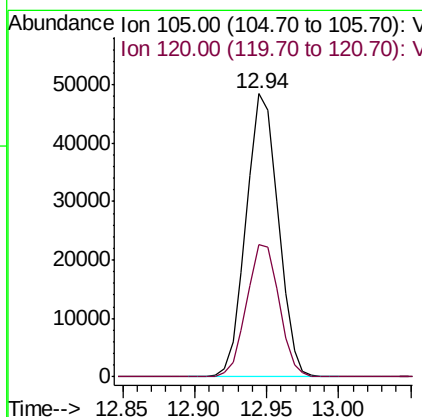
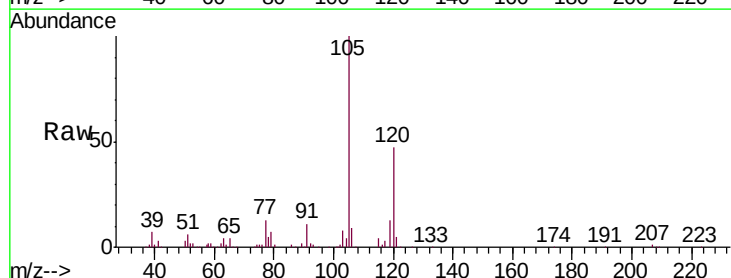
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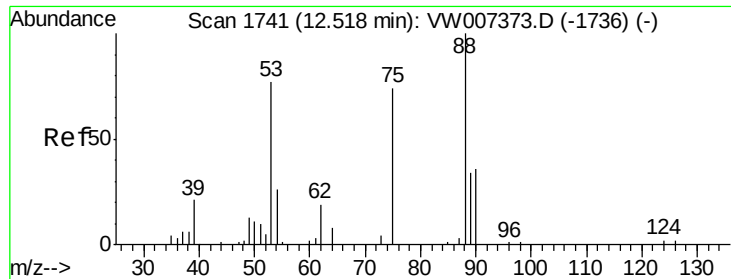
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#80
1,3,5-Trimethylbenzene
Concen: 21.999 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion: 105 Resp: 74709
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.4





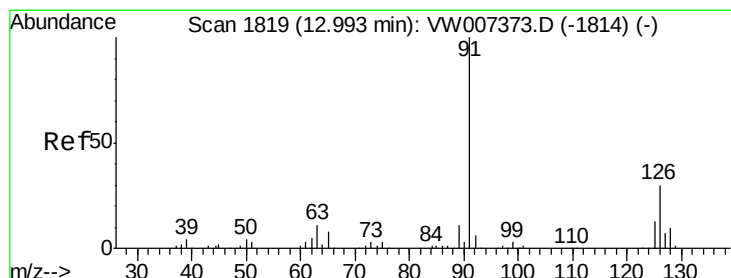
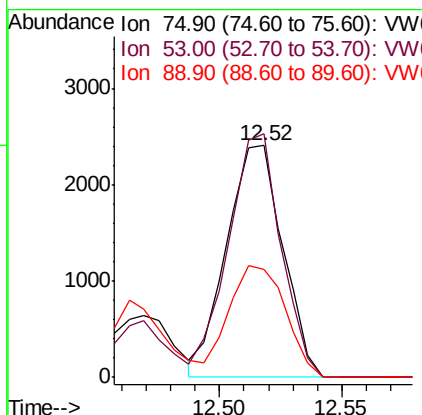
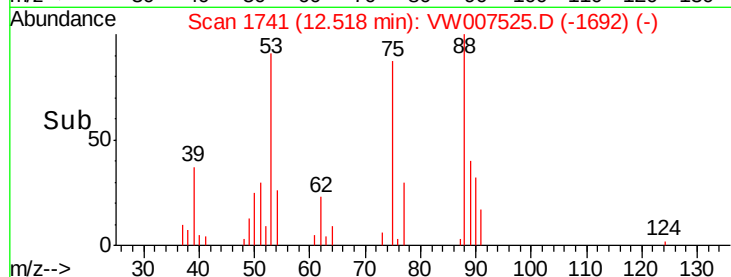
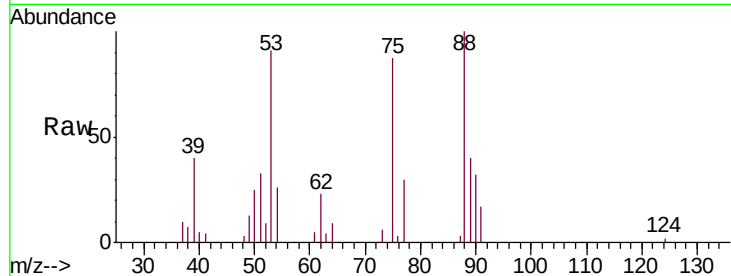
#81
trans-1,4-Dichloro-2-butene
Concen: 19.636 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD01

Tgt Ion: 75 Resp: 3866
Ion Ratio Lower Upper
75 100
53 98.4 84.9 127.3
89 48.1 40.3 60.5

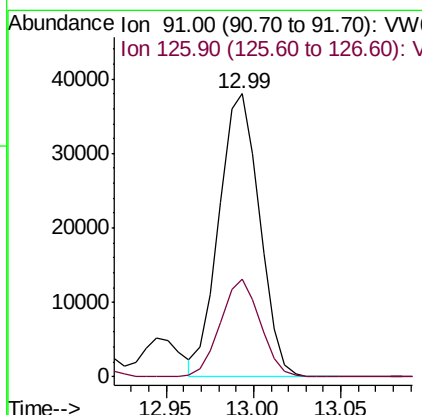
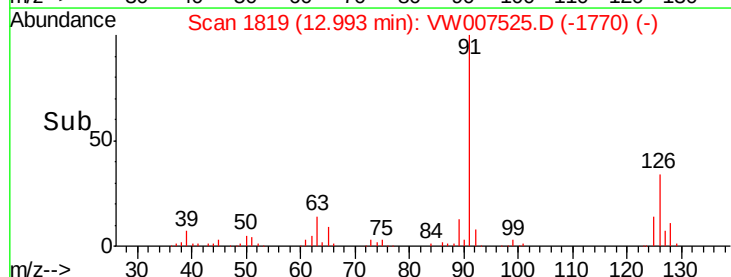
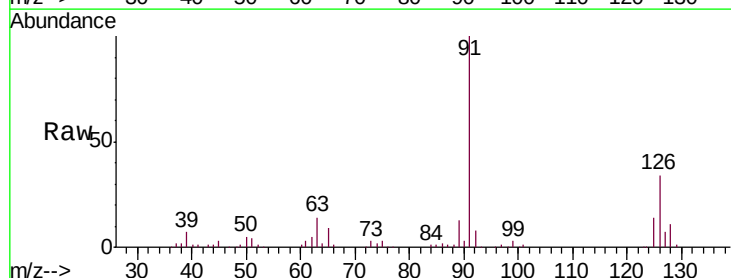
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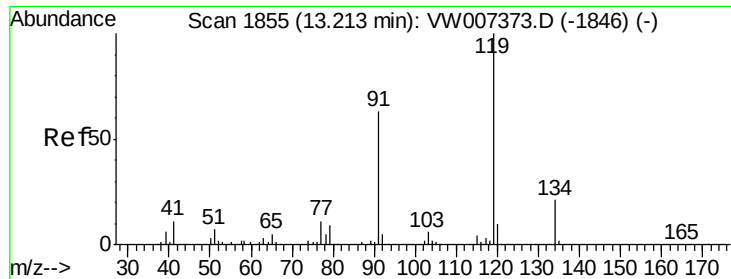
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#82
4-Chlorotoluene
Concen: 21.149 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion: 91 Resp: 61354
Ion Ratio Lower Upper
91 100
126 33.7 16.0 48.0





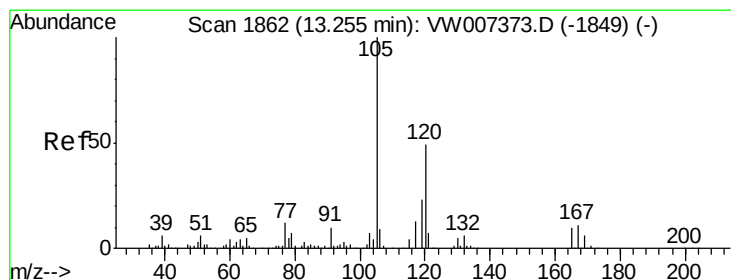
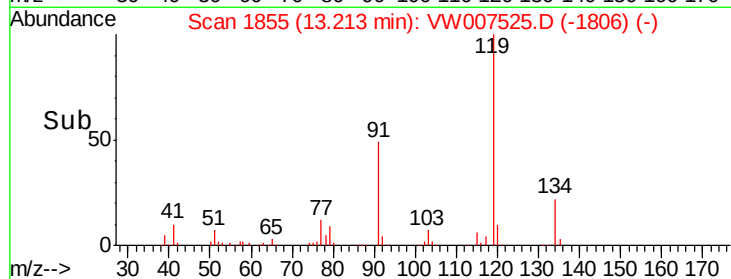
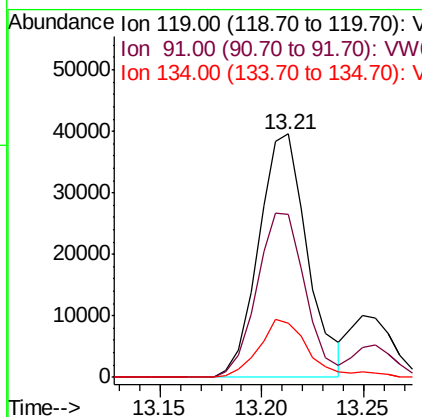
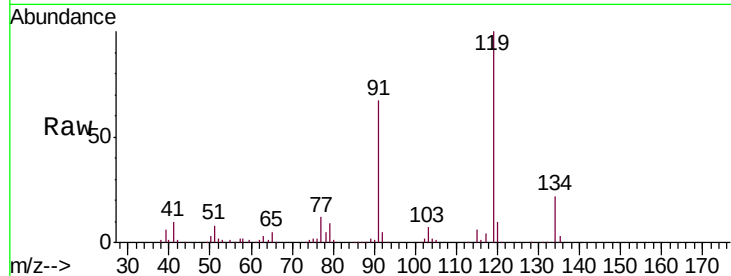
#83
 tert-Butylbenzene
 Concen: 21.996 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.0	33.1	99.2
134	23.4	12.5	37.5

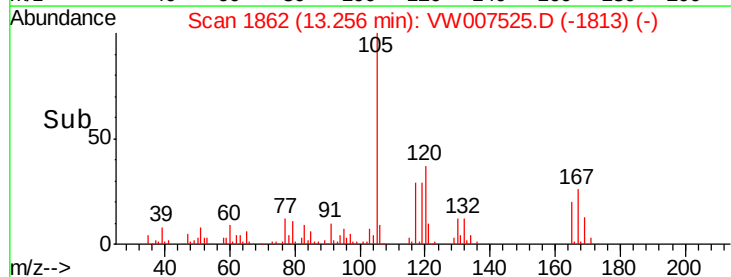
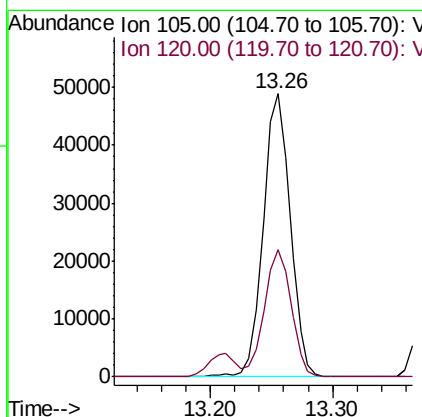
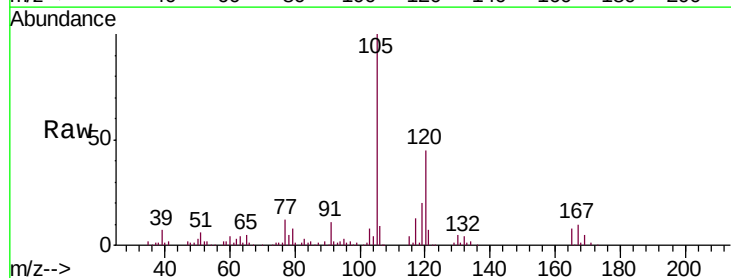
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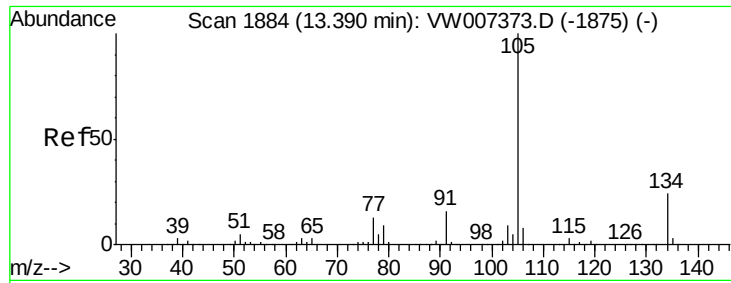
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.594 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.7





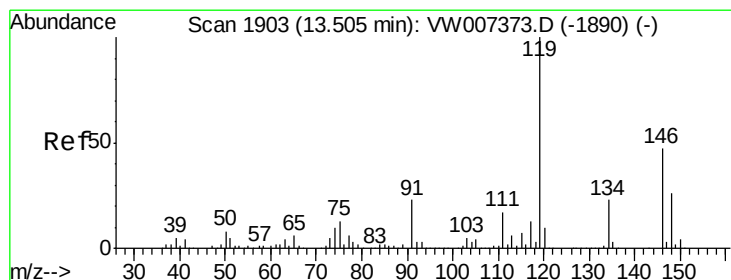
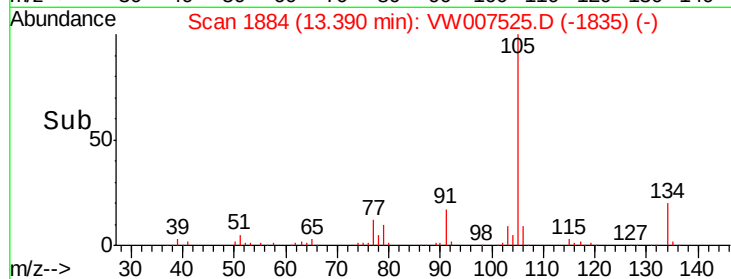
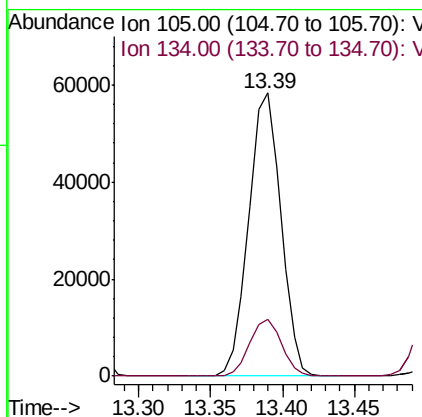
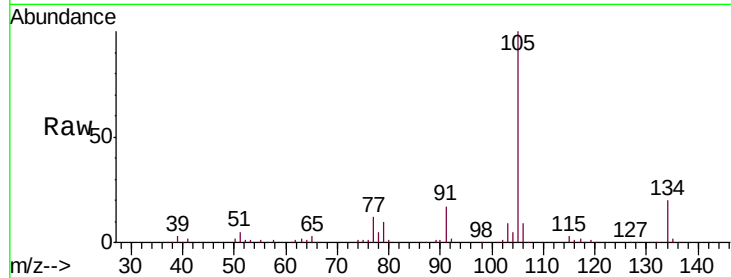
#85
 sec-Butylbenzene
 Concen: 22.134 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD01

Tgt Ion:105 Resp: 90414
 Ion Ratio Lower Upper
 105 100
 134 19.8 11.1 33.3

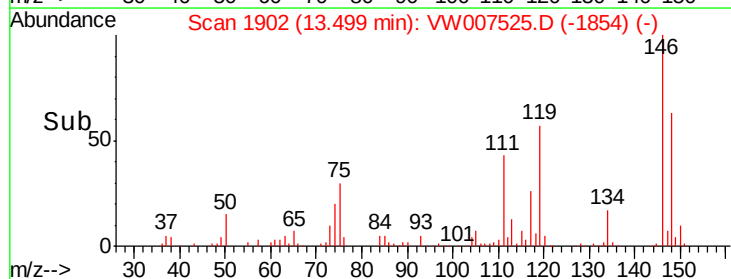
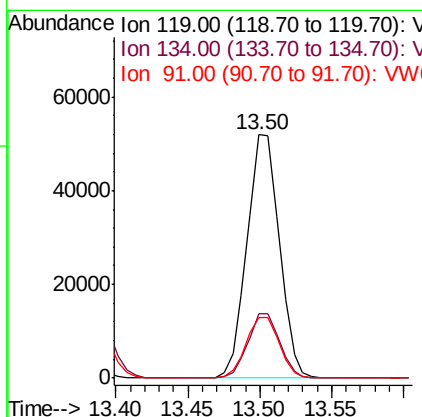
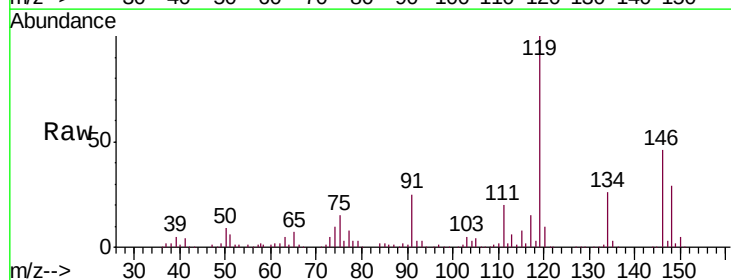
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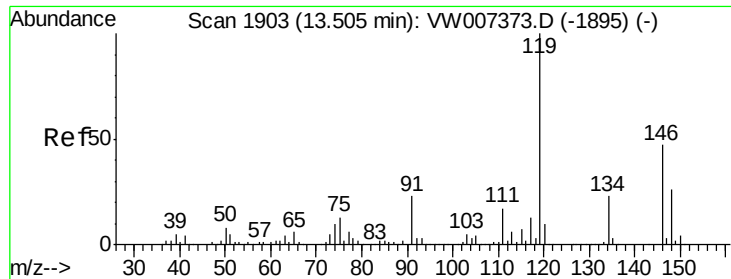
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#86
 p-Isopropyltoluene
 Concen: 21.983 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion:119 Resp: 80673
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 25.5 11.9 35.9





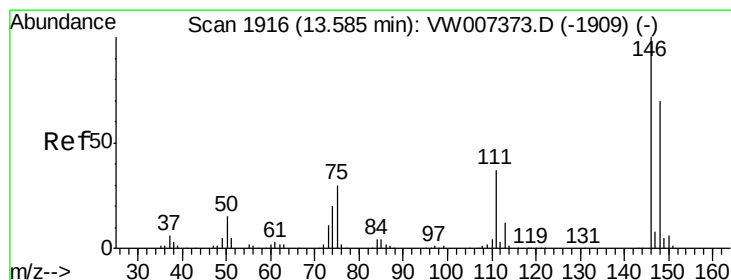
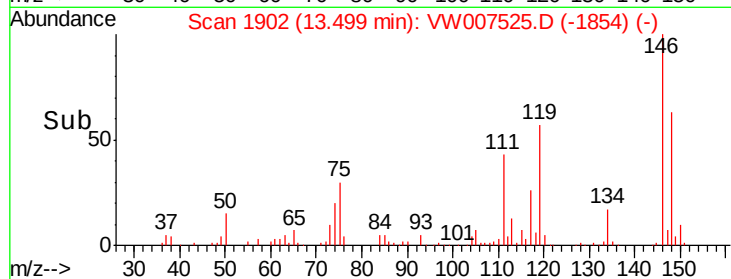
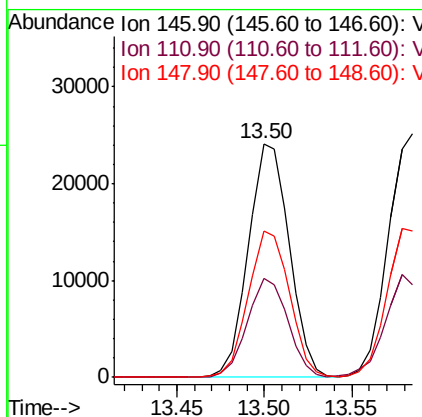
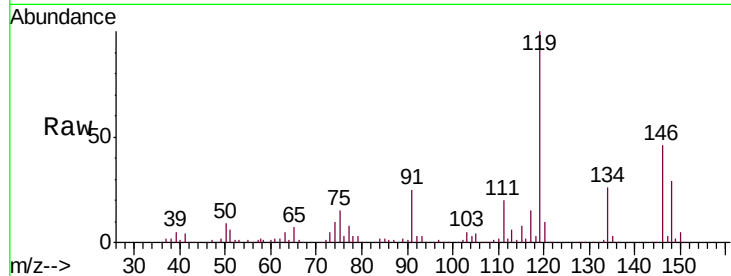
#87
 1,3-Dichlorobenzene
 Concen: 22.023 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.1	60.3
148	62.9	31.4	94.0

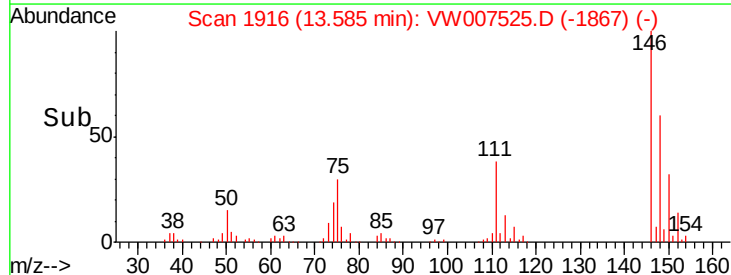
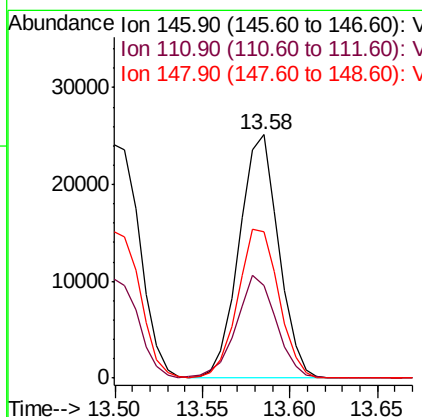
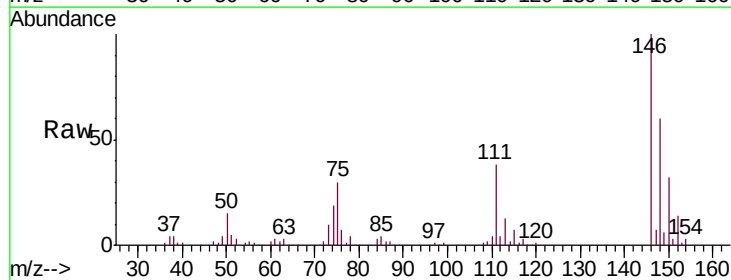
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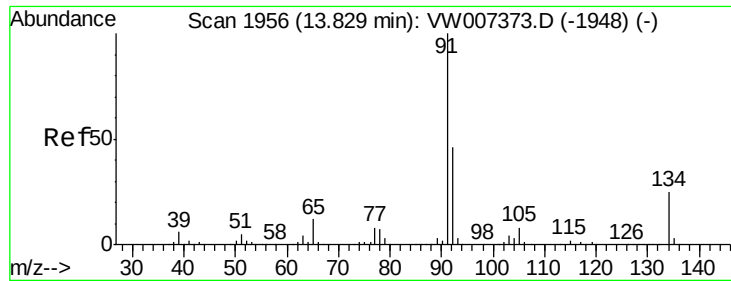
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#88
 1,4-Dichlorobenzene
 Concen: 21.949 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.3	61.0
148	63.5	33.5	100.5





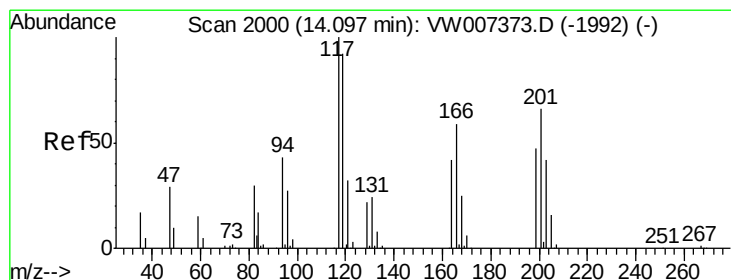
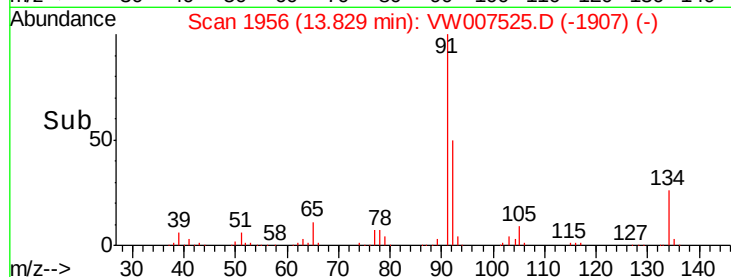
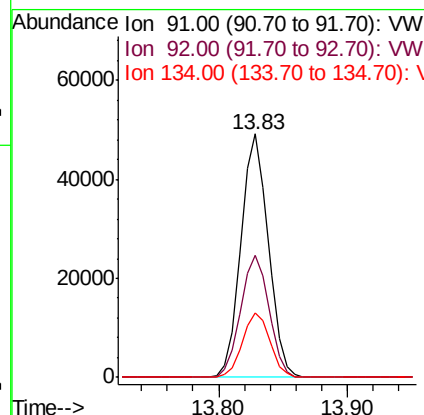
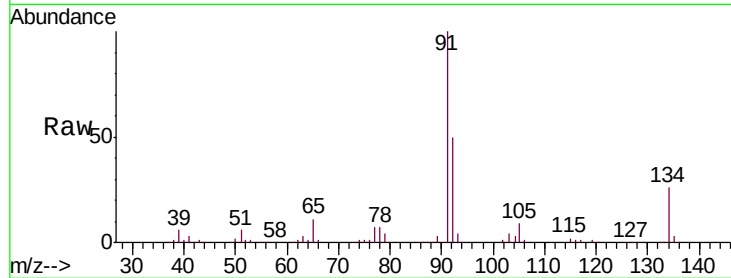
#89
n-Butylbenzene
Concen: 21.298 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.7	77.1
134	26.5	13.4	40.2

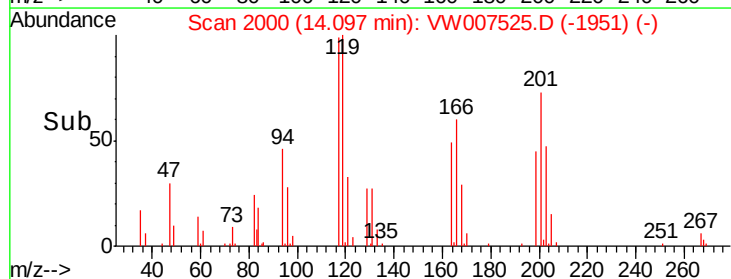
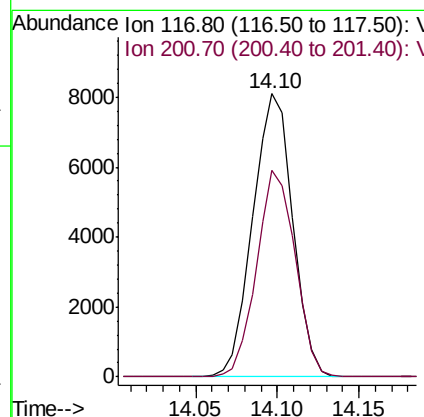
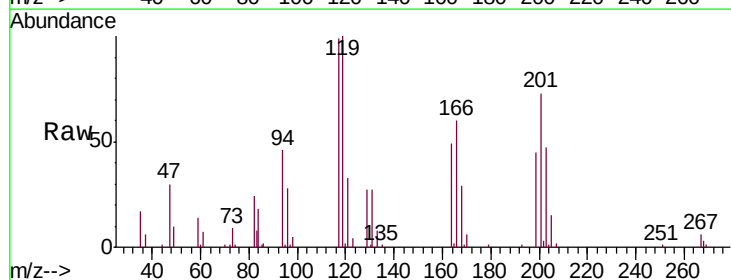
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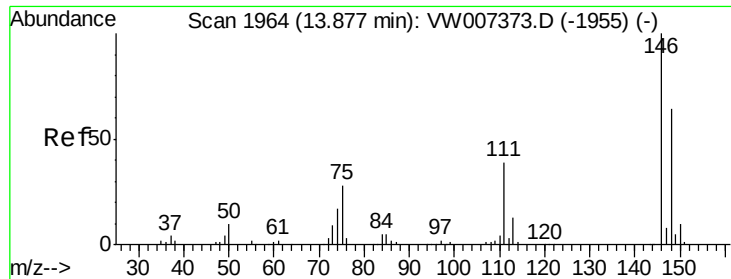
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#90
Hexachloroethane
Concen: 21.080 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.9	35.3	105.9





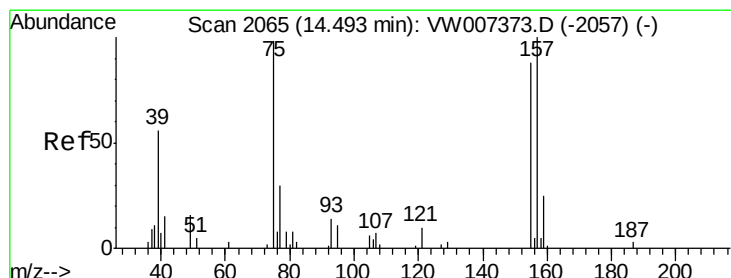
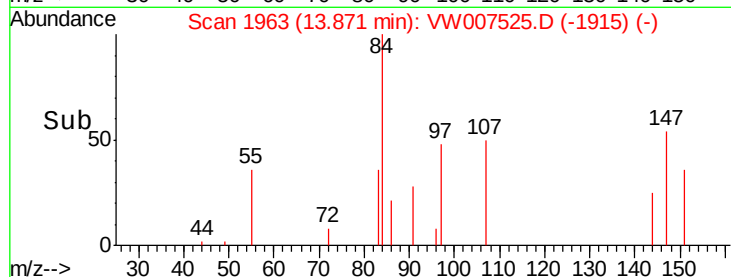
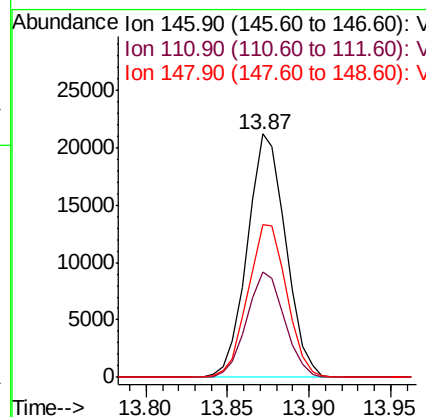
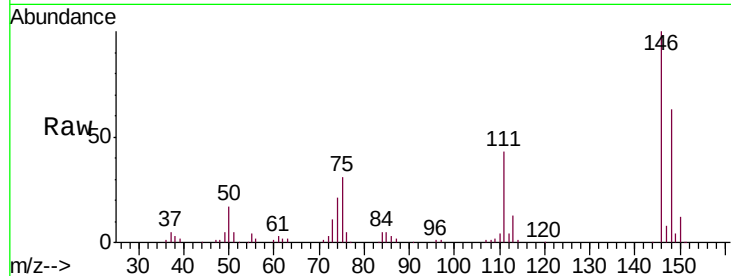
#91
 1,2-Dichlorobenzene
 Concen: 21.686 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.4	67.2
148	63.5	32.4	97.2

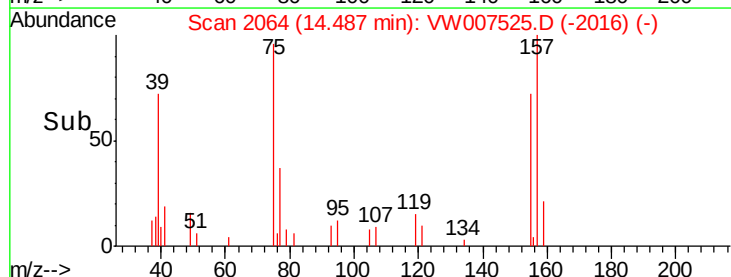
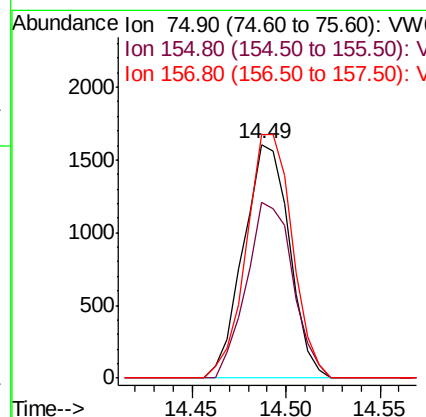
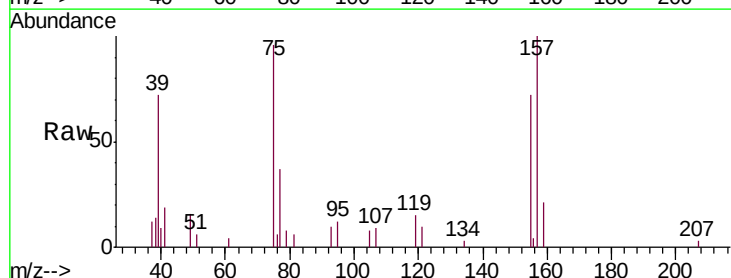
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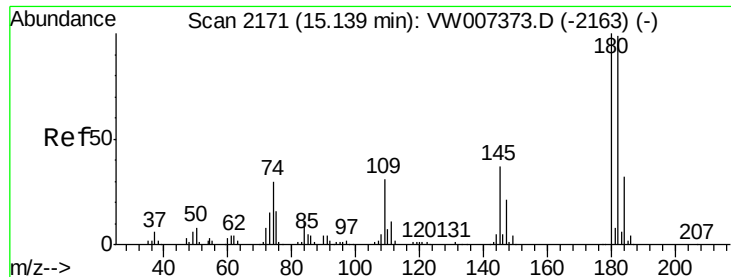
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.609 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.0	40.8	122.2
157	104.3	51.1	153.4





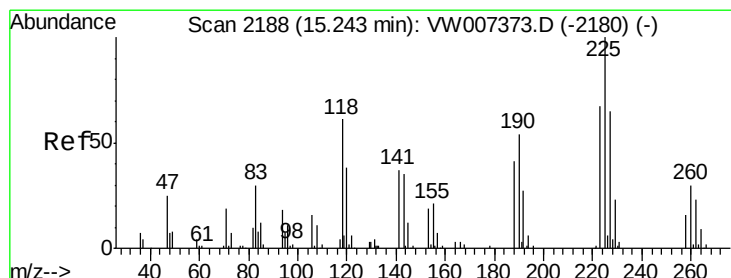
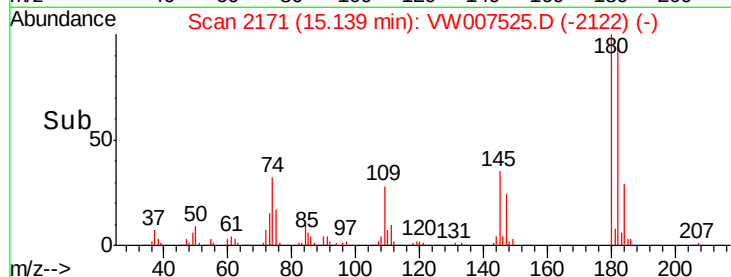
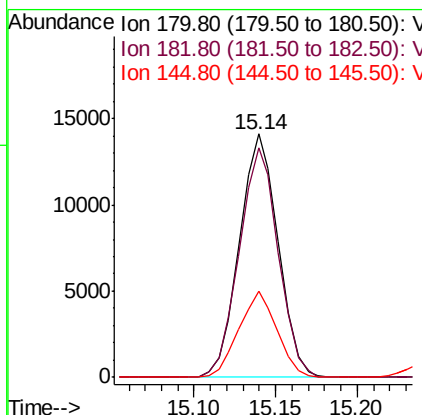
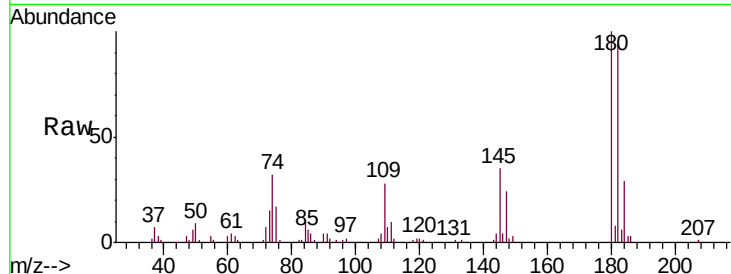
#93
 1,2,4-Trichlorobenzene
 Concen: 21.058 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW1217SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	23184		
182	95.2	49.9	149.6	
145	34.8	17.8	53.4	

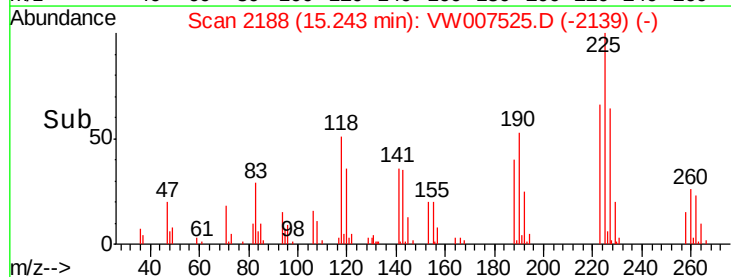
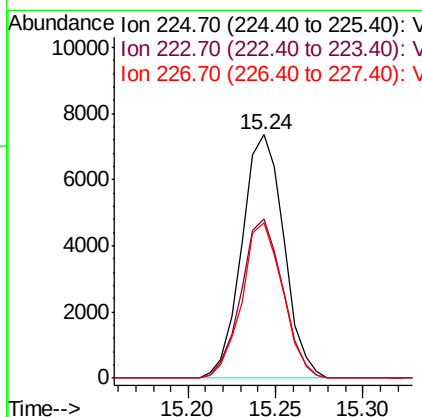
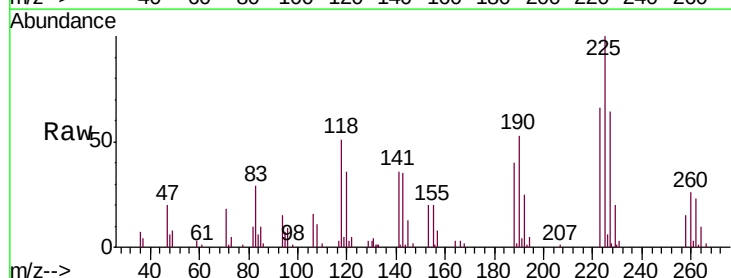
Manual Integrations
 APPROVED

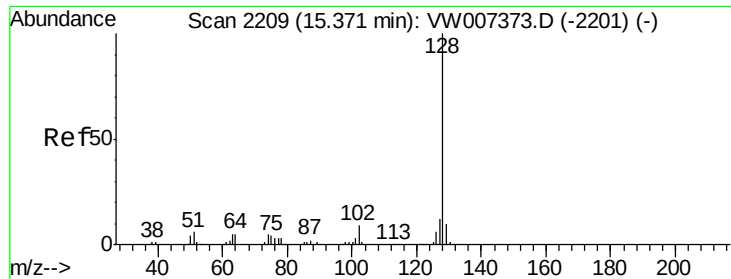
sam
 1/8/2019 9:19:56 AM



#94
 Hexachlorobutadiene
 Concen: 21.212 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007525.D
 Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12391		
223	64.5	32.1	96.3	
227	61.7	31.9	95.9	





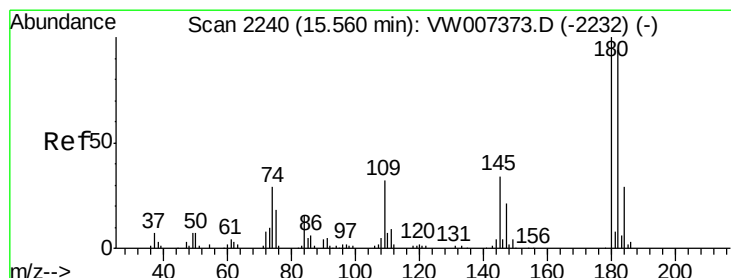
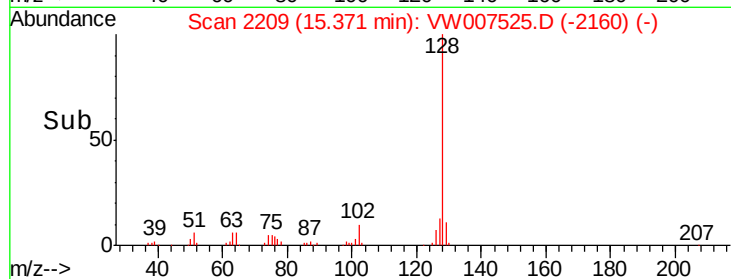
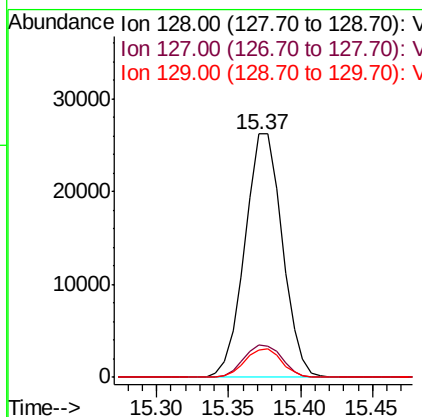
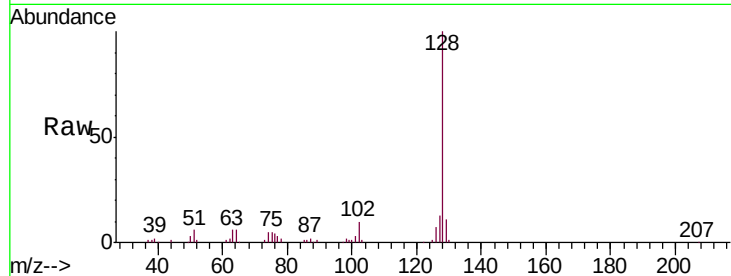
#95
Naphthalene
Concen: 22.396 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	11.5	8.3	12.5

Manual Integrations
APPROVED

sam
1/8/2019 9:19:56 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.466 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW007525.D
Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	45.6	136.7
145	38.5	17.5	52.5

