

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006628.D
 Acq On : 05 Nov 2018 11:49
 Operator : SY/AP
 Sample : VW1105SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:13:21 AM

Quant Time: Nov 05 14:44:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	363087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188533	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107196	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	7.88	113	117386	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.32	98	458541	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	159825	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34500	24.868	ug/l	97
3) Chloromethane	2.21	50	35408	20.628	ug/l	100
4) Vinyl Chloride	2.37	62	54303	22.657	ug/l	100
5) Bromomethane	2.79	94	43493	21.623	ug/l	99
6) Chloroethane	2.93	64	35078	20.947	ug/l	97
7) Trichlorofluoromethane	3.26	101	45026	21.274	ug/l	93
8) Diethyl Ether	3.68	74	23007	19.886	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51622	22.841	ug/l	99
10) Methyl Iodide	4.26	142	83062	20.269	ug/l	99
11) Tert butyl alcohol	5.23	59	9630	77.696	ug/l #	95
12) 1,1-Dichloroethene	4.03	96	47448	21.737	ug/l	96
13) Acrolein	3.90	56	13062	83.791	ug/l	99
14) Allyl chloride	4.67	41	59406	20.849	ug/l	99
15) Acrylonitrile	5.37	53	36863	88.861	ug/l	97
16) Acetone	4.14	43	46155	124.273	ug/l	100
17) Carbon Disulfide	4.37	76	141055	22.708	ug/l	100
18) Methyl Acetate	4.67	43	18885	17.683	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	58564	18.024	ug/l	100
20) Methylene Chloride	4.91	84	53203	18.320	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	51999	21.052	ug/l	95
22) Diisopropyl ether	6.31	45	115027	19.364	ug/l	97
23) Vinyl Acetate	6.26	43	312005	94.715	ug/l	98
24) 1,1-Dichloroethane	6.21	63	82211	20.421	ug/l	99
25) 2-Butanone	7.18	43	53267	100.509	ug/l	100
26) 2,2-Dichloropropane	7.17	77	58225	24.009	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	55526	20.093	ug/l	99
28) Bromochloromethane	7.51	49	30771	19.249	ug/l	97
29) Tetrahydrofuran	7.54	42	28507	85.519	ug/l	98
30) Chloroform	7.68	83	89835	20.353	ug/l	99
31) Cyclohexane	7.96	56	77429	21.131	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	81075	21.707	ug/l	100
36) 1,1-Dichloropropene	8.08	75	72133	22.591	ug/l	99
37) Ethyl Acetate	7.26	43	20439	18.472	ug/l	99
38) Carbon Tetrachloride	8.07	117	78449	23.513	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	92822	22.908	ug/l	99
40) Benzene	8.32	78	198640	21.902	ug/l	100
41) Methacrylonitrile	7.49	41	13383	19.724	ug/l	94
42) 1,2-Dichloroethane	8.40	62	53251	20.474	ug/l	100
43) Isopropyl Acetate	8.43	43	40784	18.471	ug/l	99
44) Trichloroethene	9.09	130	61798	22.081	ug/l	98
45) 1,2-Dichloropropane	9.37	63	45437	21.528	ug/l	99
46) Dibromomethane	9.46	93	24698	19.907	ug/l	98
47) Bromodichloromethane	9.65	83	60641	21.050	ug/l	98
48) Methyl methacrylate	9.44	41	19337	18.177	ug/l	97
49) 1,4-Dioxane	9.48	88	6206	341.791	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	104457	92.113	ug/l	99
52) Toluene	10.39	92	132985	21.862	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	59049	21.298	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	69642	21.256	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35070	19.922	ug/l	97
56) Ethyl methacrylate	10.65	69	36139	18.062	ug/l	97
57) 1,3-Dichloropropane	10.93	76	57402	20.081	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	92829	95.443	ug/l	99
59) 2-Hexanone	10.98	43	79097	102.696	ug/l	99
60) Dibromochloromethane	11.13	129	43259	20.741	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35086	20.071	ug/l	98
64) Tetrachloroethene	10.87	164	55332	20.966	ug/l	99
65) Chlorobenzene	11.66	112	151364	21.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52643	21.499	ug/l	99
67) Ethyl Benzene	11.74	91	256242	22.005	ug/l	100
68) m/p-Xylenes	11.84	106	206095	44.300	ug/l	100
69) o-Xylene	12.17	106	95270	21.510	ug/l	99
70) Styrene	12.18	104	152746	21.153	ug/l	100
71) Bromoform	12.35	173	27115	20.890	ug/l #	100
73) Isopropylbenzene	12.47	105	268752	21.639	ug/l	100
74) N-amyl acetate	12.27	43	38408	17.896	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38591	19.673	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30591m	20.796	ug/l	
77) Bromobenzene	12.75	156	68049	21.162	ug/l	99
78) n-propylbenzene	12.81	91	319201	22.345	ug/l	100
79) 2-Chlorotoluene	12.90	91	174186	21.246	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	227911	21.843	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10704	20.503	ug/l	99
82) 4-Chlorotoluene	12.99	91	189281	21.823	ug/l	99
83) tert-Butylbenzene	13.21	119	205249	22.058	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	231440	21.625	ug/l	100
85) sec-Butylbenzene	13.39	105	292187	22.421	ug/l	100
86) p-Isopropyltoluene	13.51	119	263506	22.222	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137658	21.738	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	134606	21.443	ug/l	98
89) n-Butylbenzene	13.83	91	238296	22.638	ug/l	100
90) Hexachloroethane	14.10	117	44385	22.774	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	119304	20.944	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5688	17.871	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	90221	21.300	ug/l	99
94) Hexachlorobutadiene	15.24	225	62430	23.649	ug/l	97
95) Naphthalene	15.38	128	129740	19.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	77631	20.854	ug/l	100

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

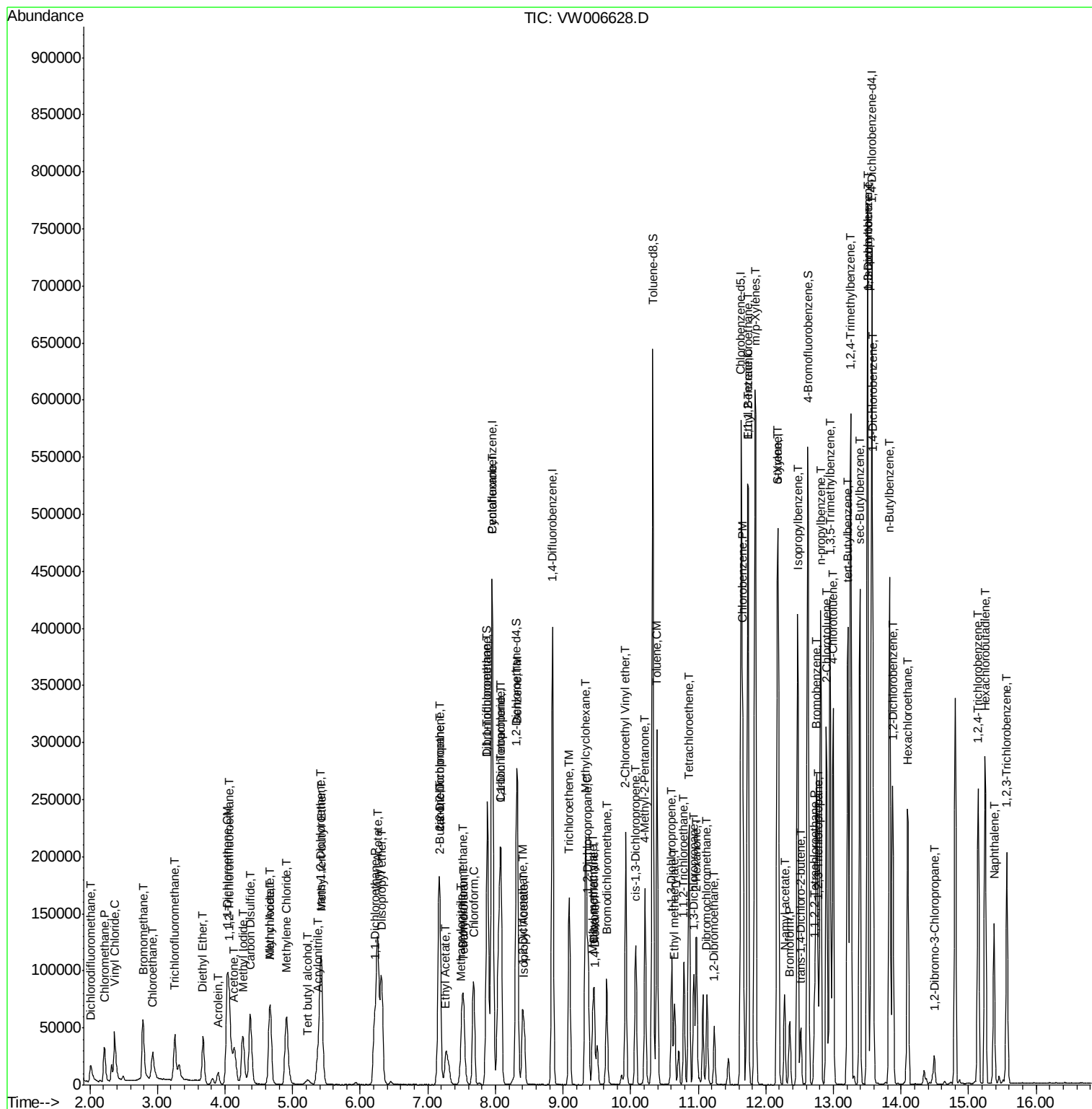
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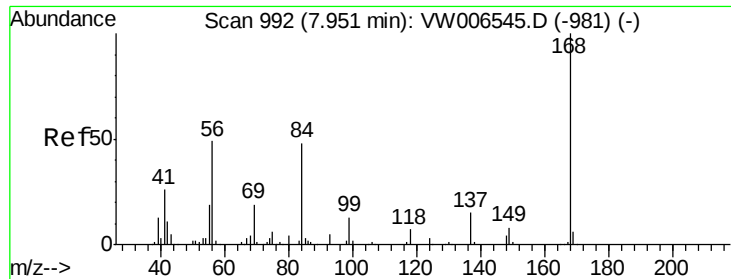
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion:168 Resp: 267615

Ion Ratio Lower Upper

168 100

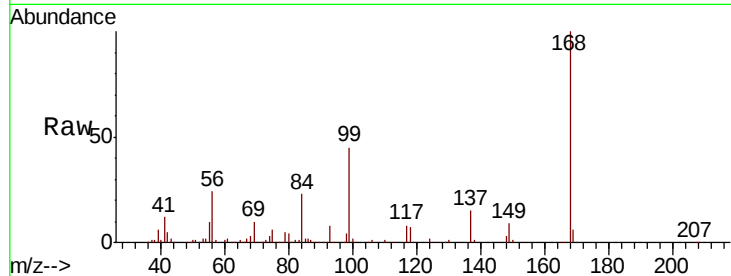
99 45.5 37.4 56.0

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

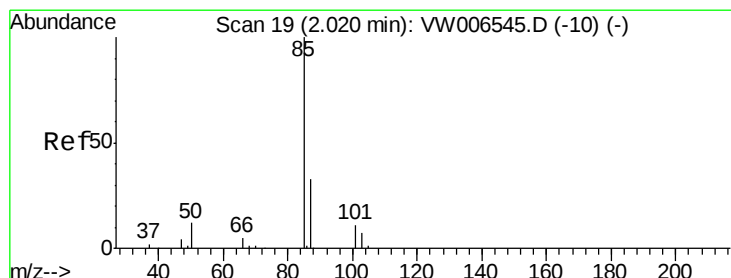
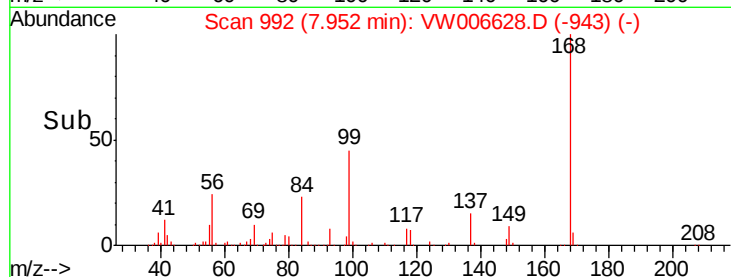
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.868 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006628.D

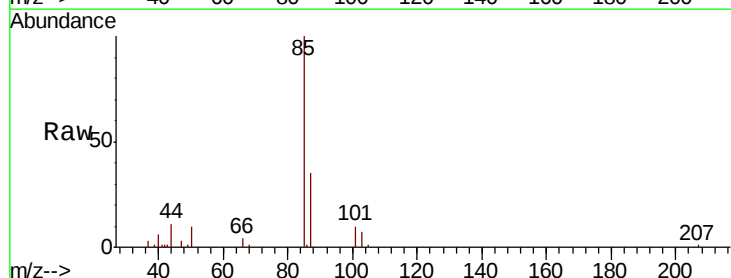
Acq: 05 Nov 2018 11:49

Tgt Ion: 85 Resp: 34500

Ion Ratio Lower Upper

85 100

87 35.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

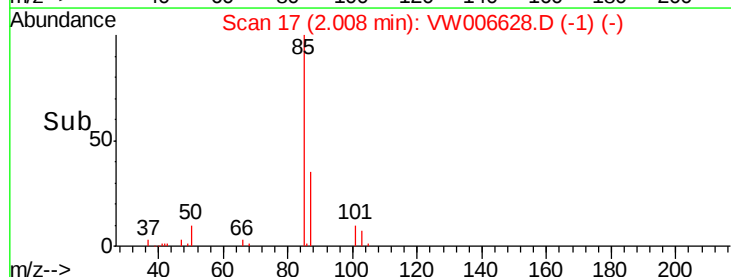
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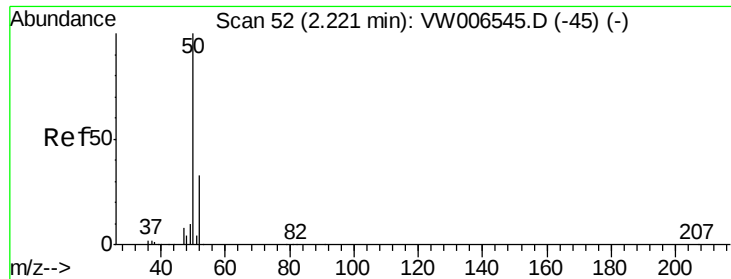
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.628 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 50 Resp: 35408

Ion Ratio Lower Upper

50 100

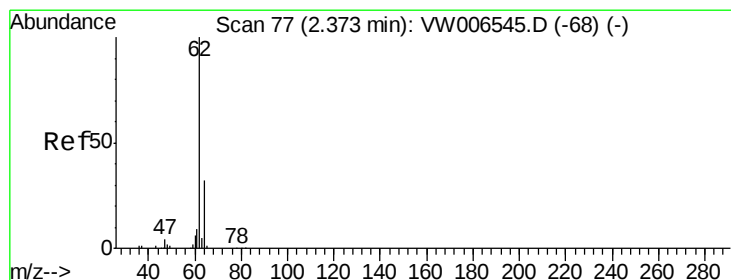
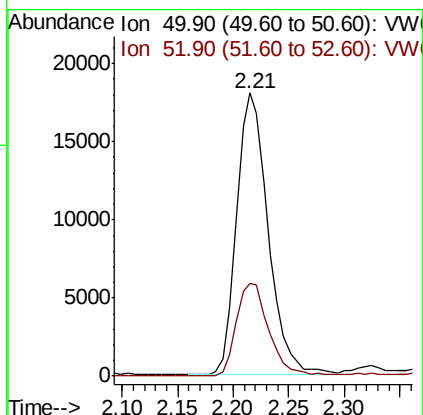
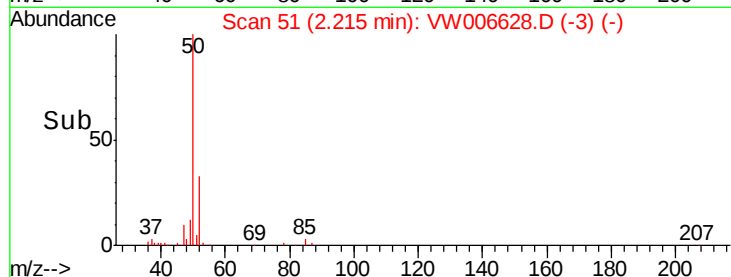
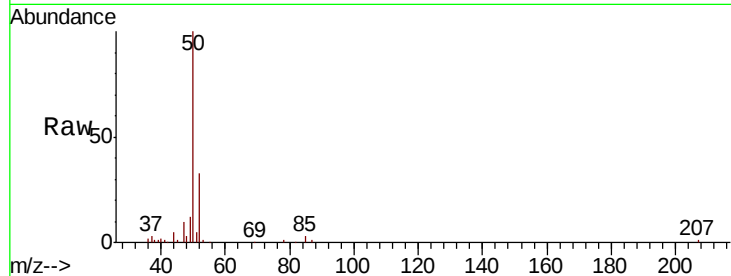
52 33.1 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.657 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006628.D

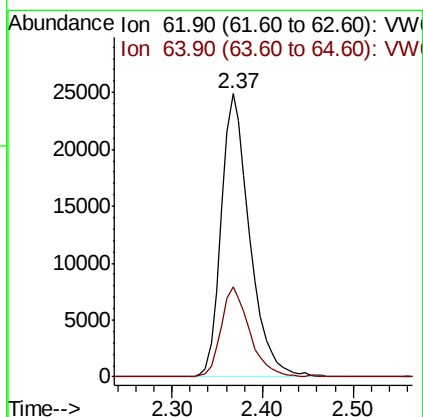
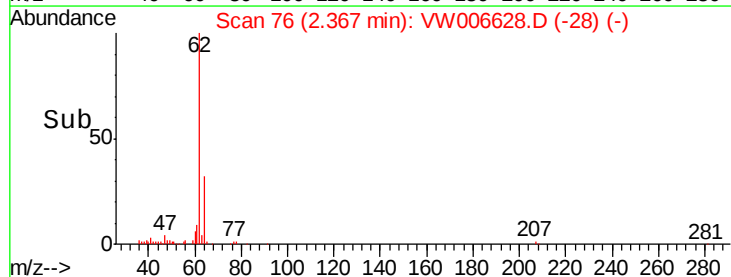
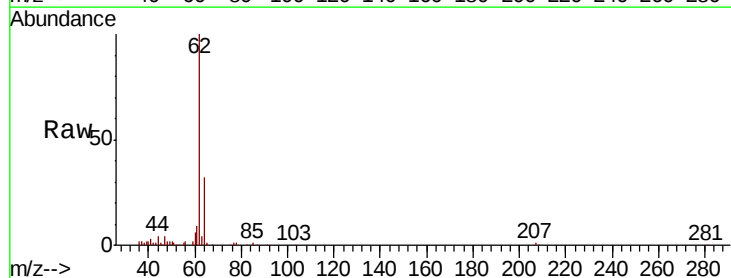
Acq: 05 Nov 2018 11:49

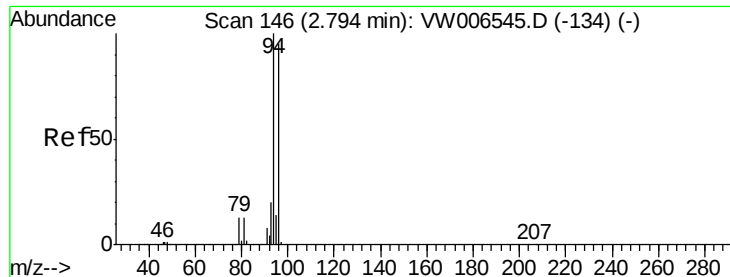
Tgt Ion: 62 Resp: 54303

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 21.623 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 94 Resp: 43493

Ion Ratio Lower Upper

94 100

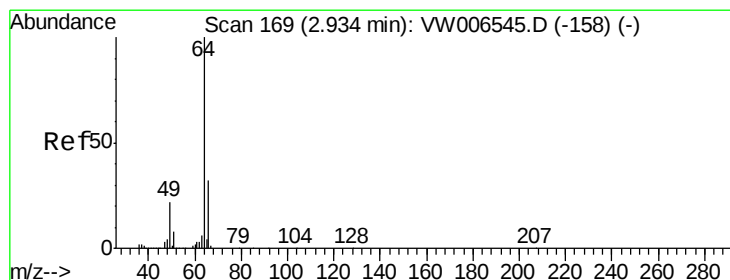
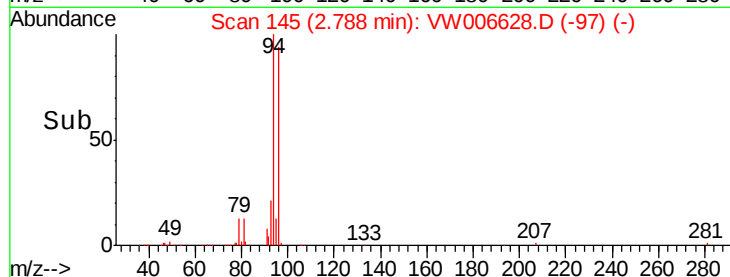
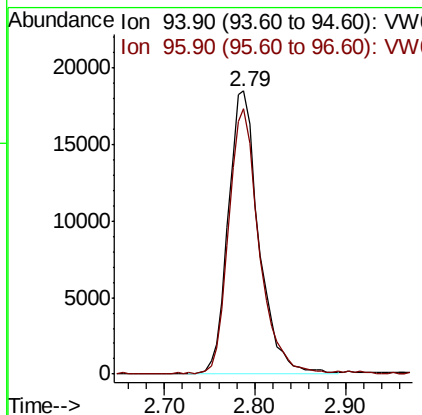
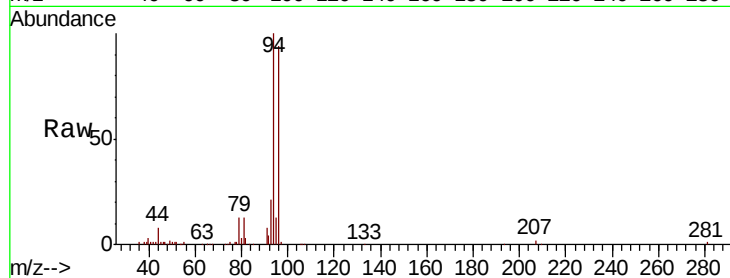
96 93.2 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 20.947 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006628.D

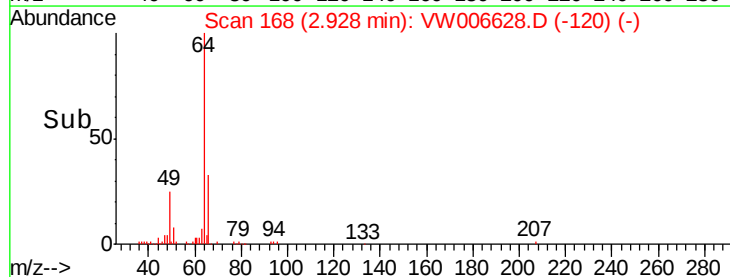
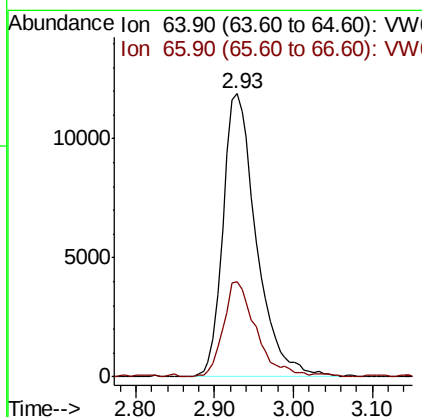
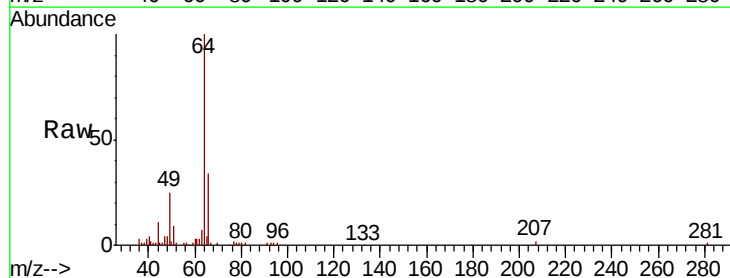
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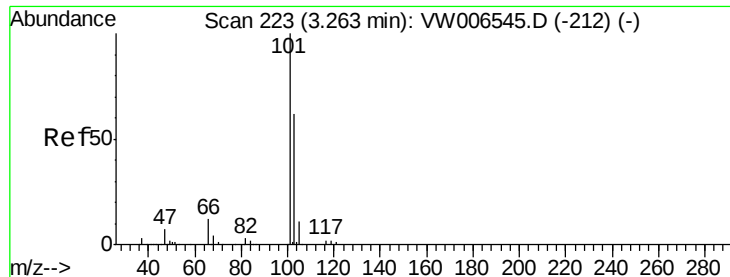
Tgt Ion: 64 Resp: 35078

Ion Ratio Lower Upper

64 100

66 33.9 25.9 38.9





#7

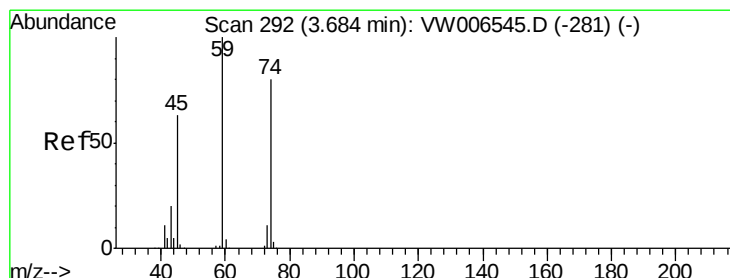
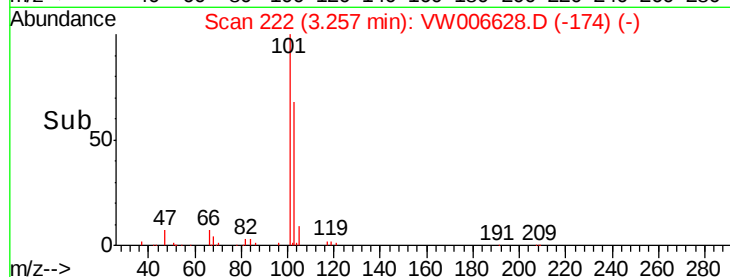
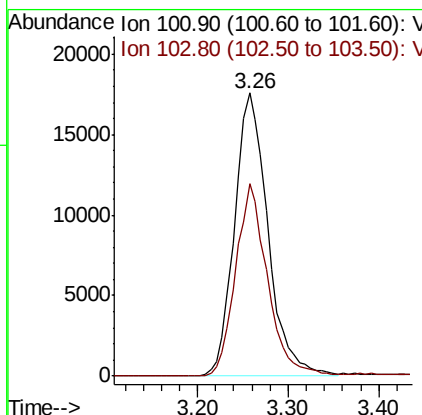
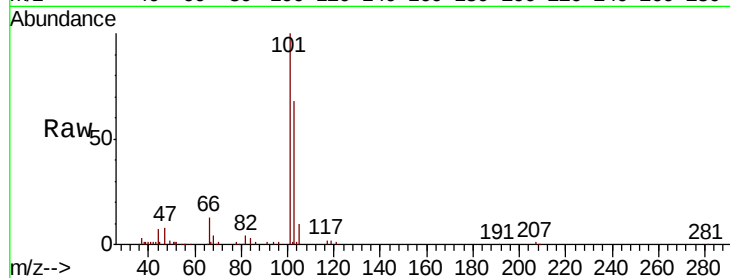
Trichlorofluoromethane
 Concen: 21.274 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	49.8	74.8

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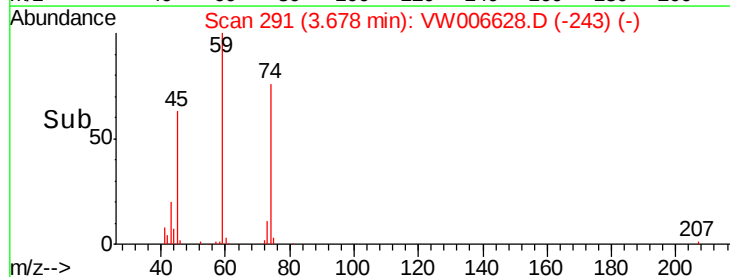
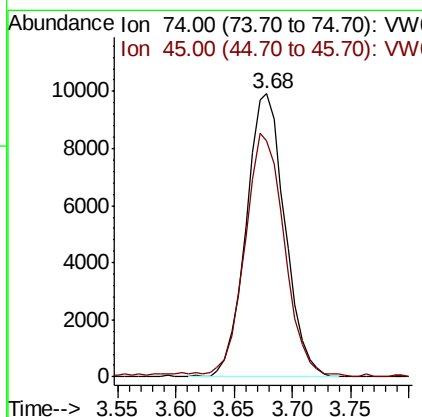
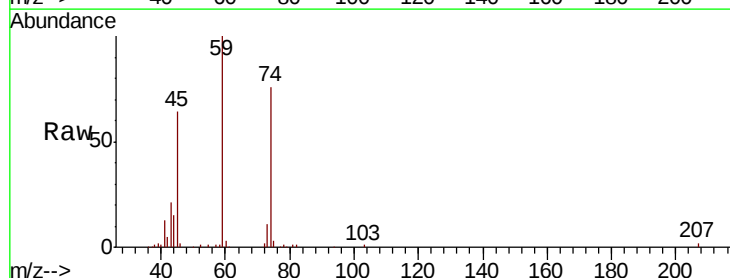
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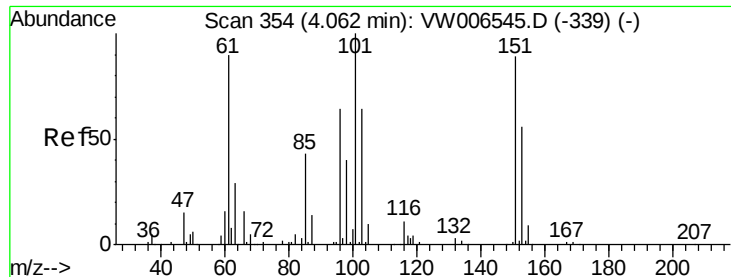


#8

Diethyl Ether
 Concen: 19.886 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006628.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.5	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.841 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006628.D

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Instrument :

MSVOA_W

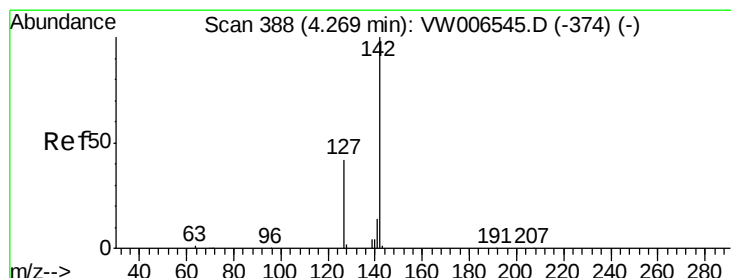
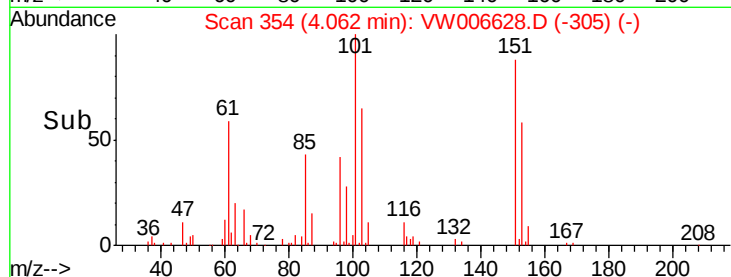
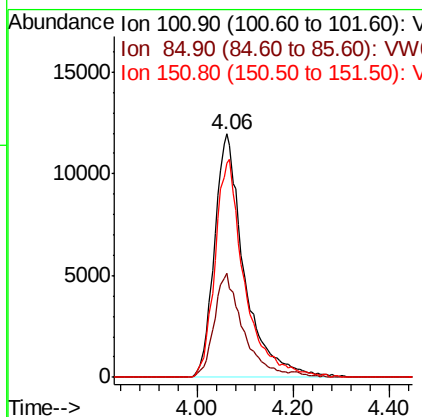
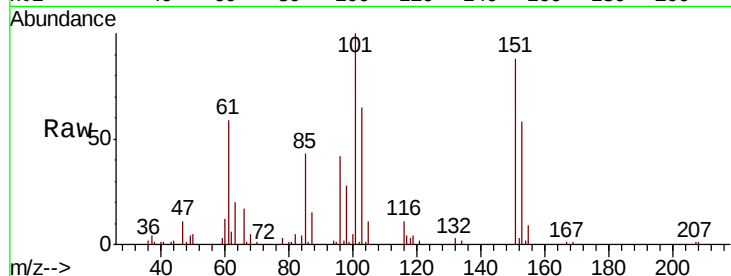
ClientSampleId :

VW1105SBS01

Tot Ion:	101	Resp:	51622
Ion Ratio	Lower	Upper	
101	100		
85	41.2	34.2	51.2
151	88.7	70.7	106.1

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#10

Methyl Iodide

Concen: 20.269 ug/l

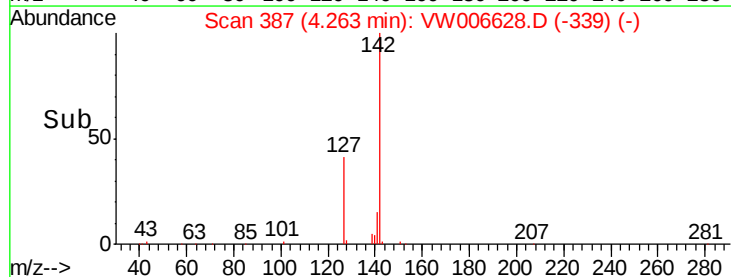
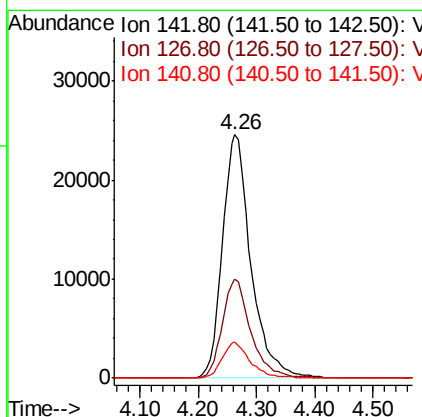
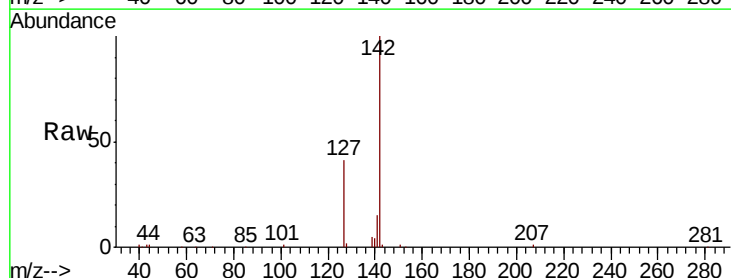
RT: 4.26 min Scan# 387

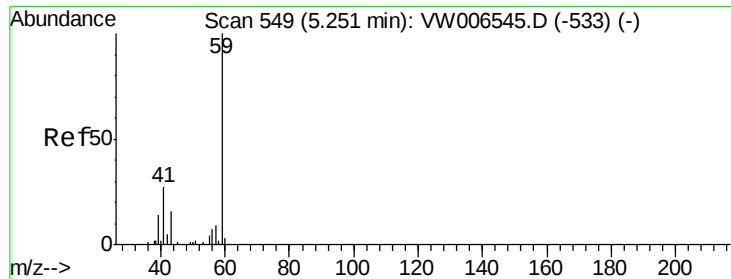
Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Tgt Ion:	142	Resp:	83062
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.3	48.5
141	14.5	11.3	16.9





#11

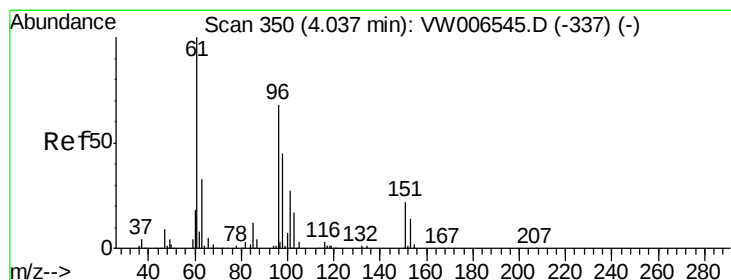
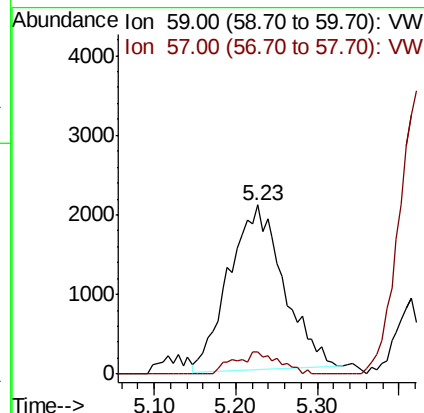
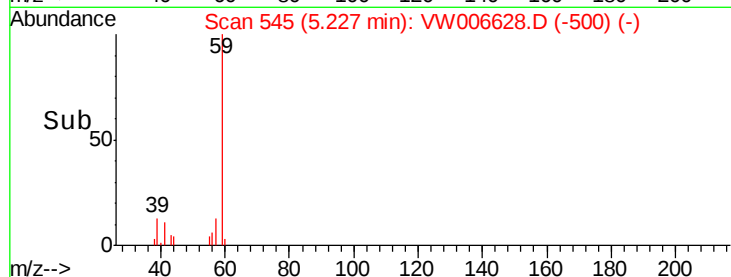
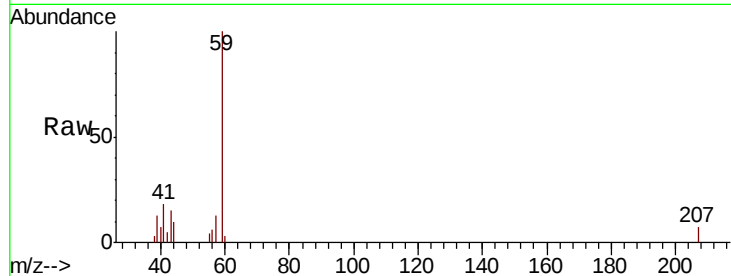
Tert butyl alcohol
Concen: 77.696 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.02 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	59	57	Ratio	Lower	Upper
59	100				
57	7.0			4.3	6.5#

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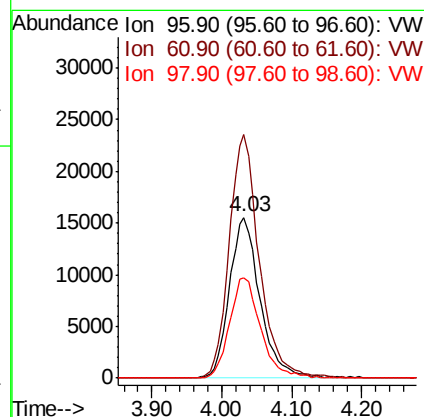
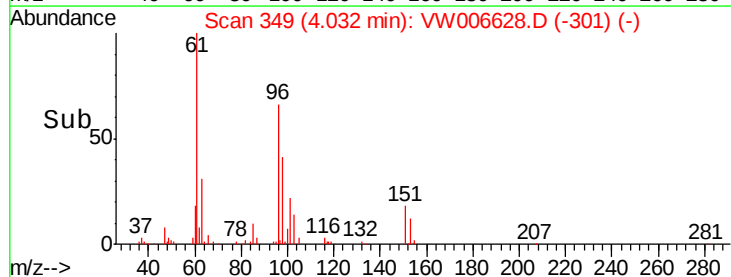
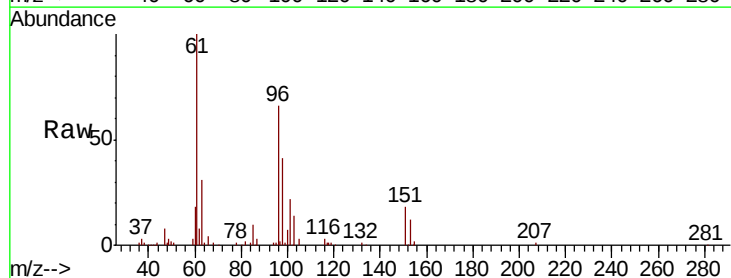
apatel
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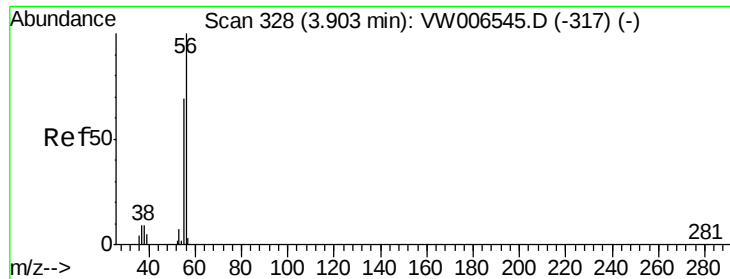


#12

1,1-Dichloroethene
Concen: 21.737 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	96	61	98	Ratio	Lower	Upper
96	100					
61	151.3				117.0	175.4
98	62.4				52.5	78.7





#13

Acrolein

Concen: 83.791 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 56 Resp: 13062

Ion Ratio Lower Upper

56 100

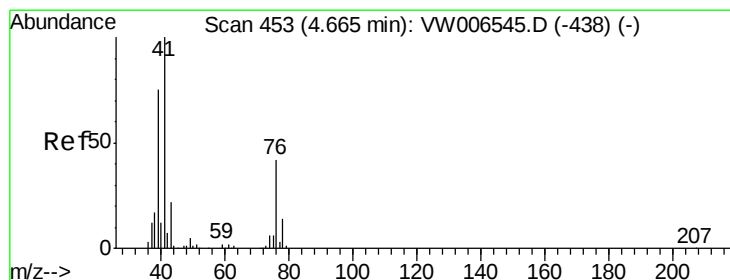
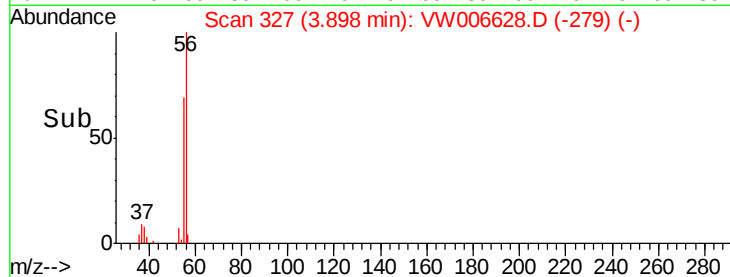
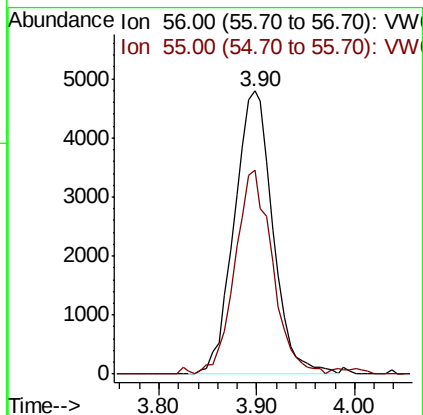
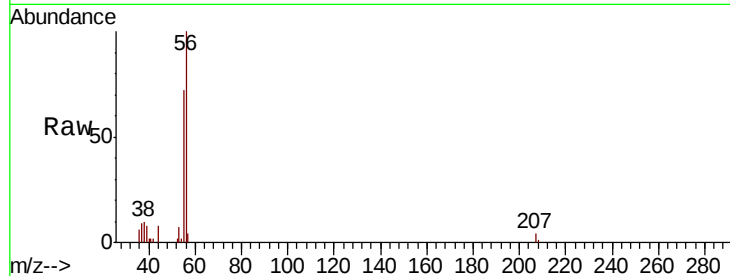
55 70.2 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 20.849 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

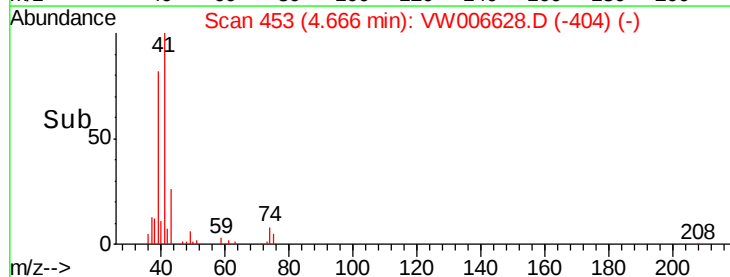
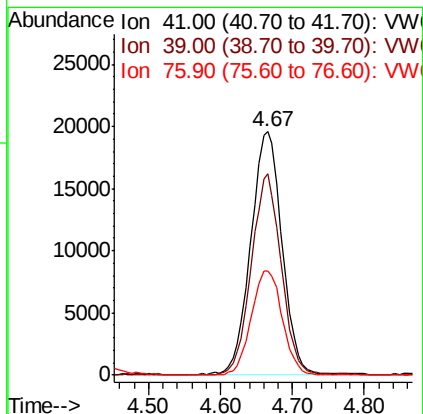
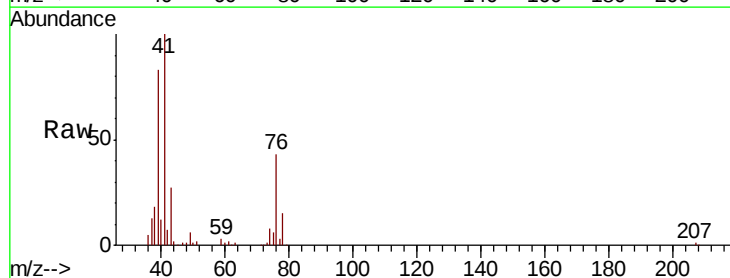
Tgt Ion: 41 Resp: 59406

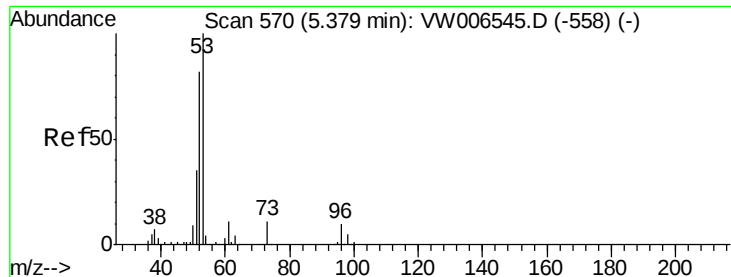
Ion Ratio Lower Upper

41 100

39 78.5 62.1 93.1

76 42.1 34.2 51.2





#15

Acrylonitrile

Concen: 88.861 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

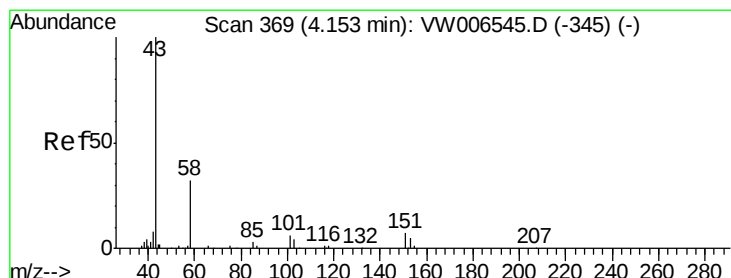
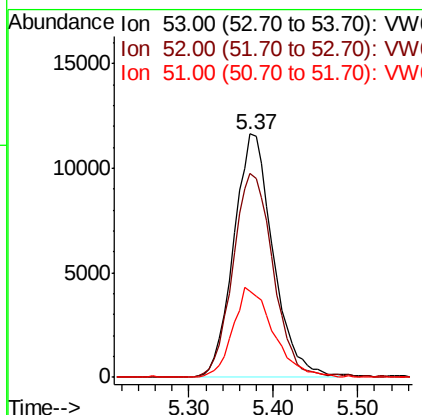
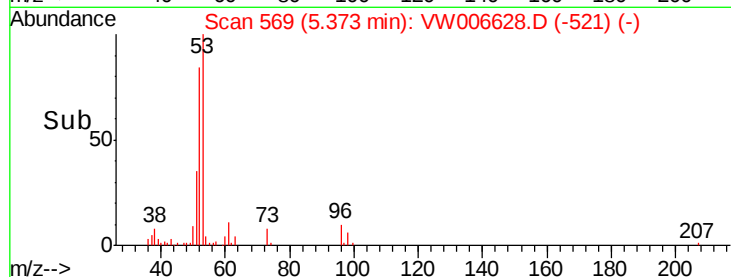
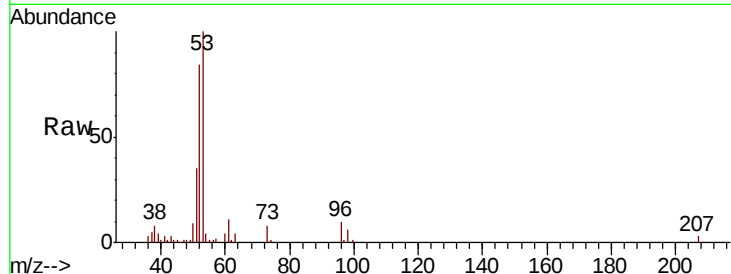
ClientSampleId :

VW1105SBS01

Tot Ion:	53	Resp:	36863
Ion	Ratio	Lower	Upper
53	100		
52	85.4	65.8	98.8
51	37.8	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 124.273 ug/l

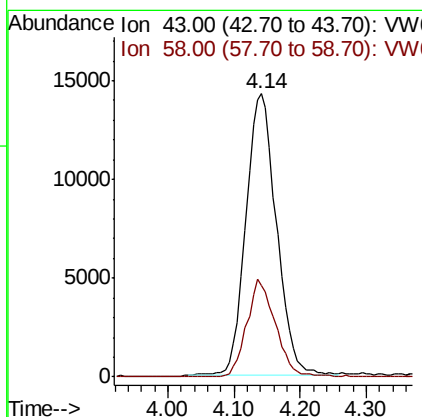
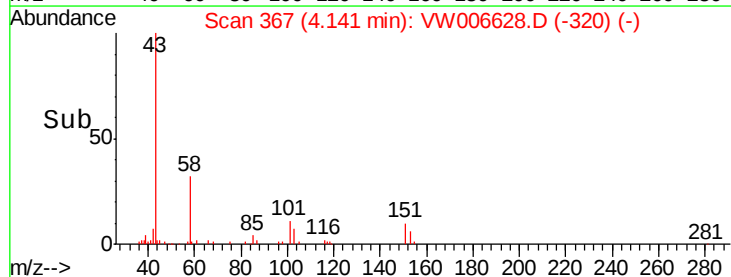
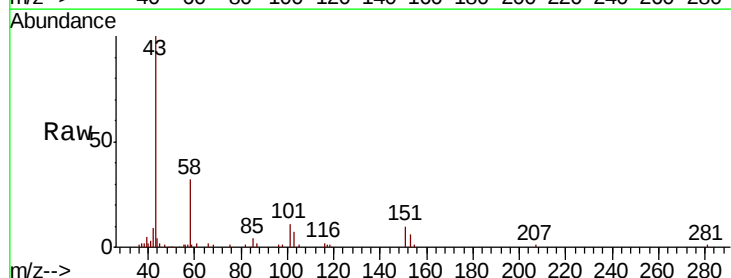
RT: 4.14 min Scan# 367

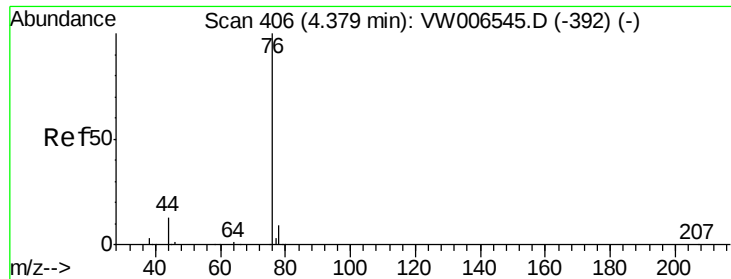
Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Tgt Ion:	43	Resp:	46155
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.8	38.8





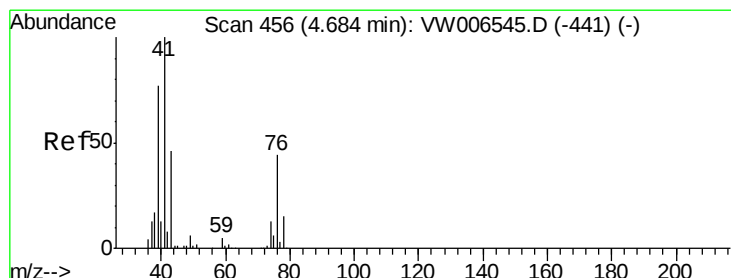
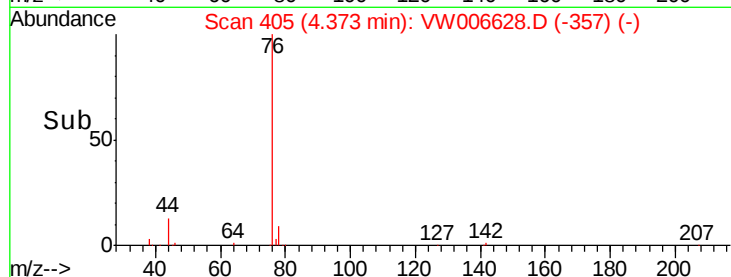
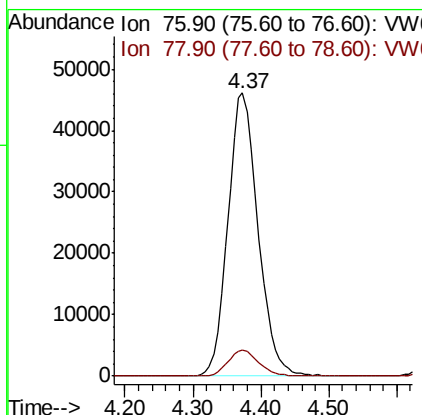
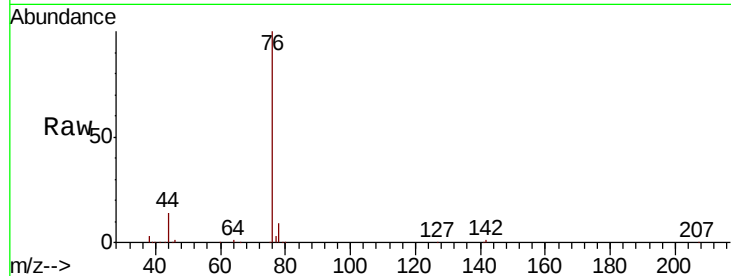
#17
Carbon Disulfide
Concen: 22.708 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

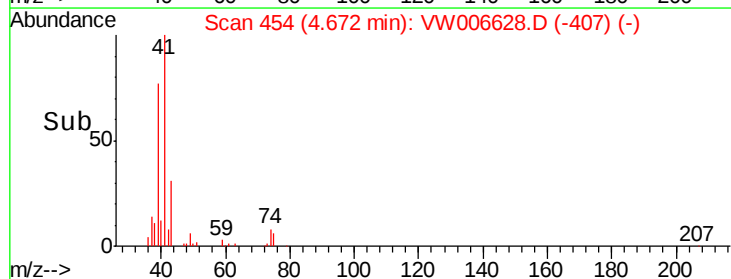
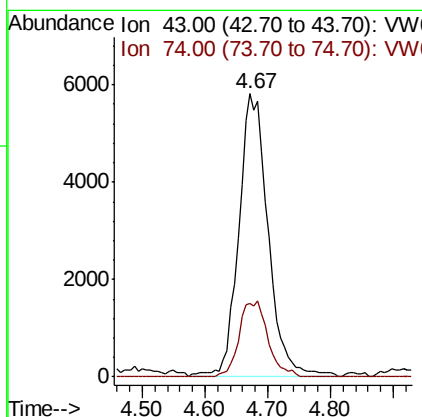
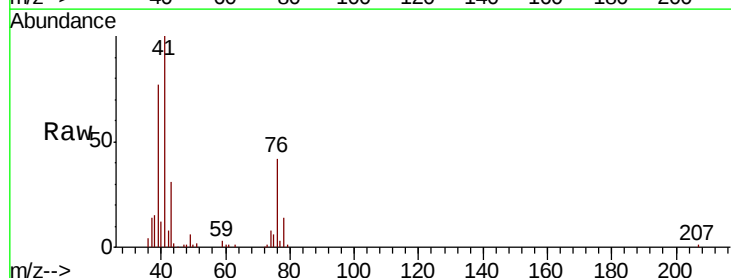
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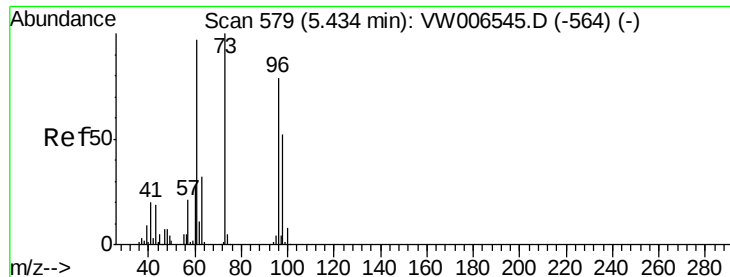
apatel
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#18
Methyl Acetate
Concen: 17.683 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	21.9	32.9





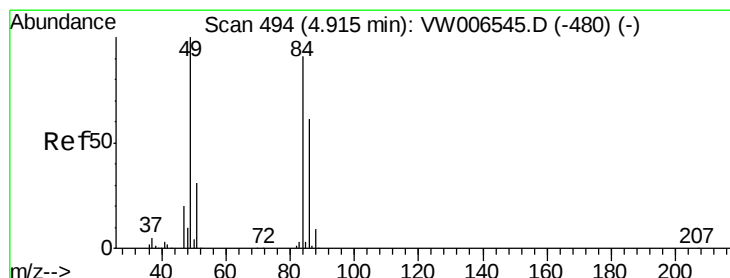
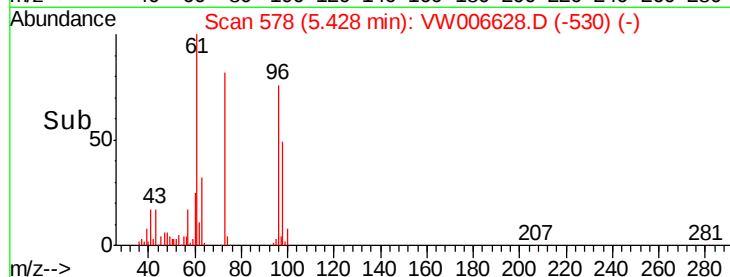
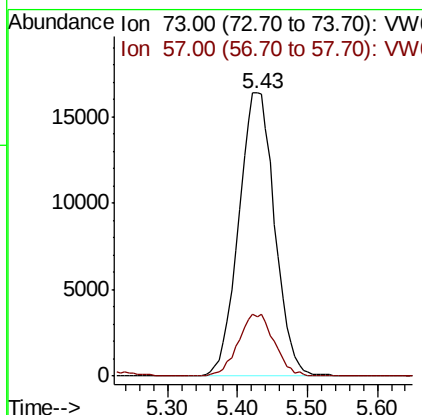
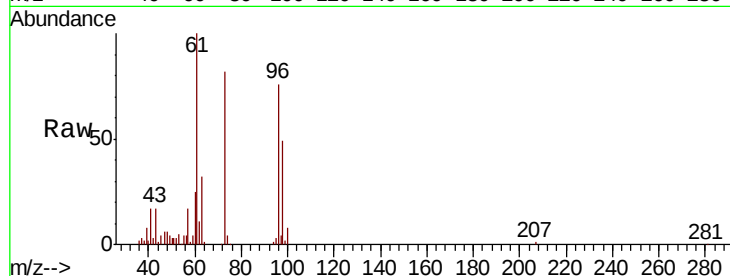
#19
Methyl tert-butyl Ether
Concen: 18.024 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	16.7	25.1

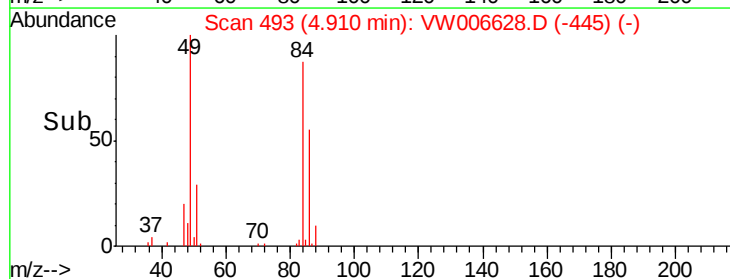
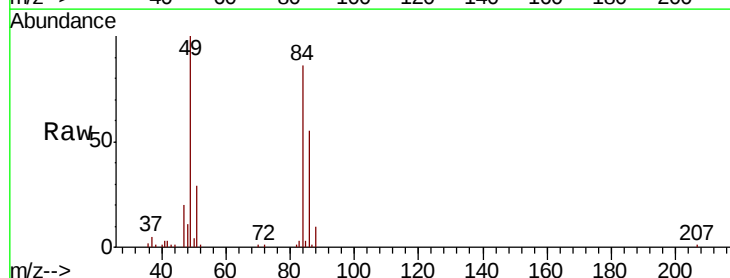
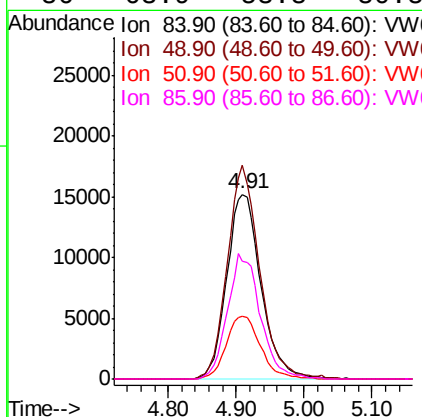
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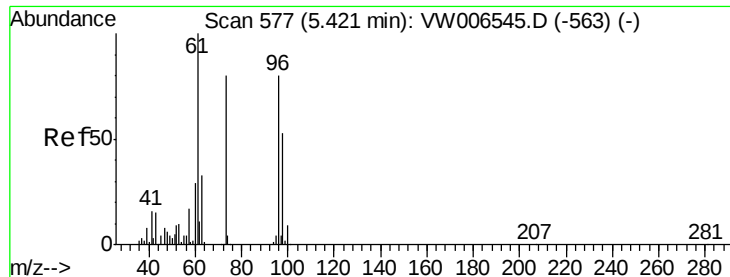
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#20
Methylene Chloride
Concen: 18.320 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.9	88.2	132.4
51	33.9	27.0	40.6
86	63.9	53.8	80.8





#21

trans-1,2-Dichloroethene

Concen: 21.052 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

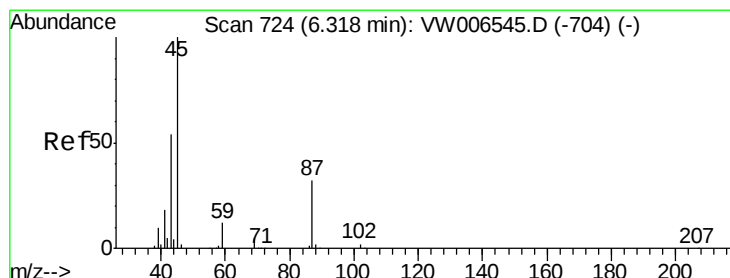
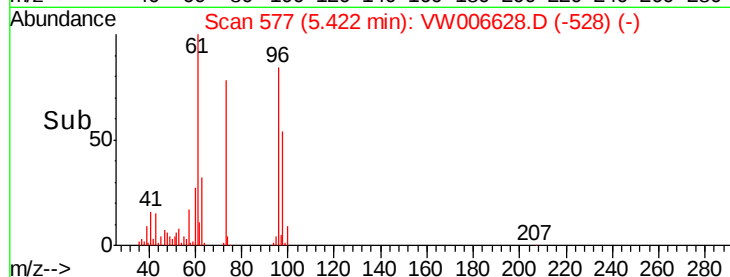
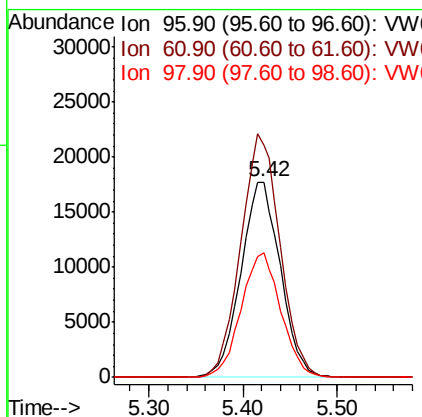
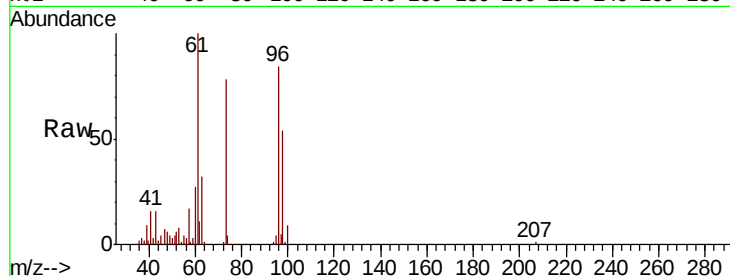
ClientSampleId :

VW1105SBS01

Tot Ion:	96	Resp:	51999
Ion	Ratio	Lower	Upper
96	100		
61	118.7	100.6	150.8
98	64.0	52.9	79.3

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#22

Diisopropyl ether

Concen: 19.364 ug/l

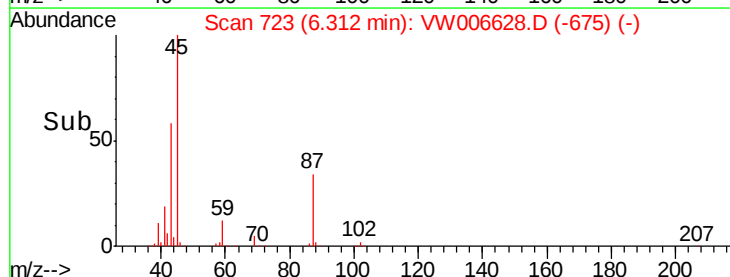
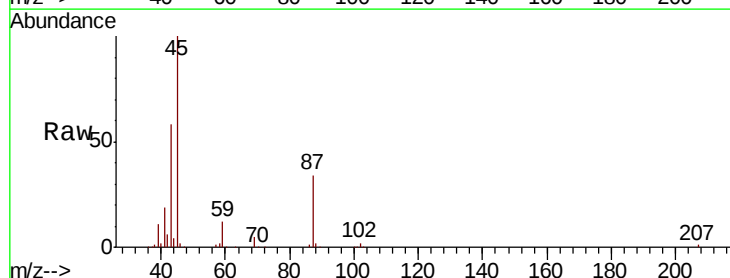
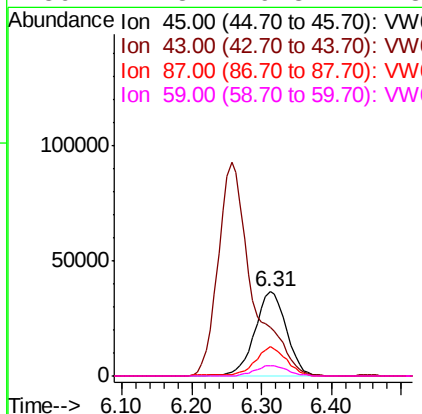
RT: 6.31 min Scan# 723

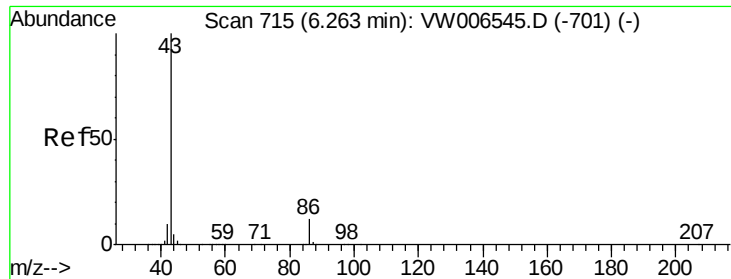
Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Tgt Ion:	45	Resp:	115027
Ion	Ratio	Lower	Upper
45	100		
43	57.6	43.6	65.4
87	34.4	26.3	39.5
59	11.8	9.8	14.8





#23

Vinyl Acetate

Concen: 94.715 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampled :

VW1105SBS01

Tot Ion: 43 Resp: 312005

Ion Ratio Lower Upper

43 100

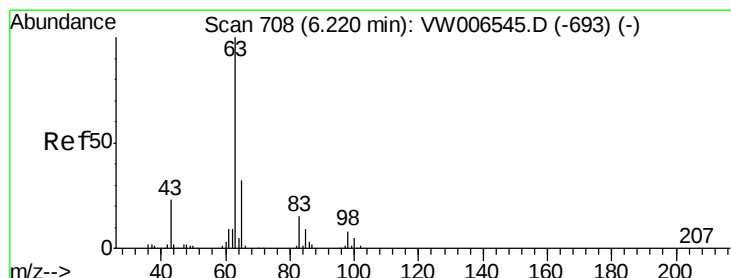
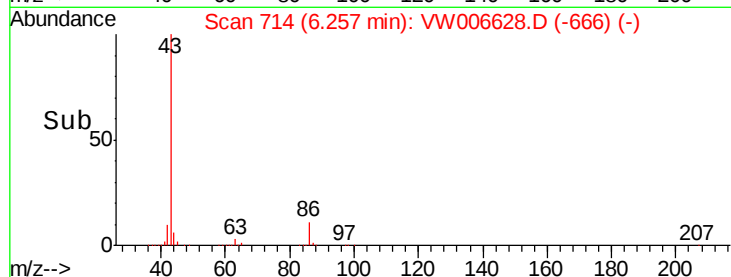
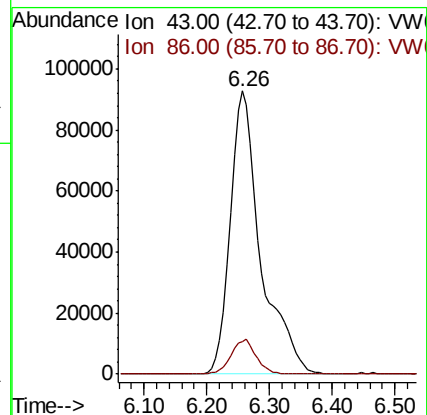
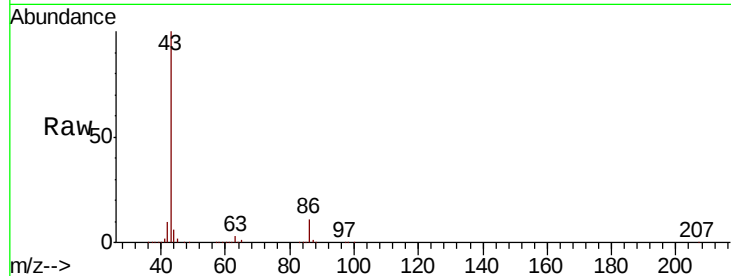
86 11.3 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 20.421 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

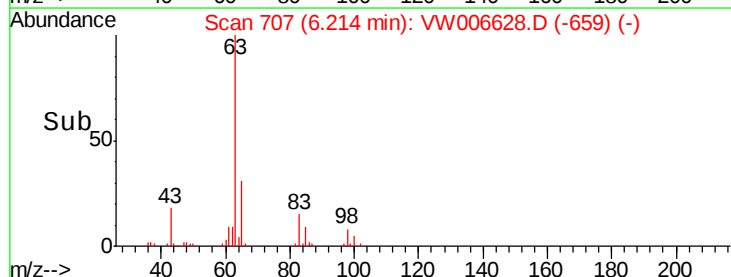
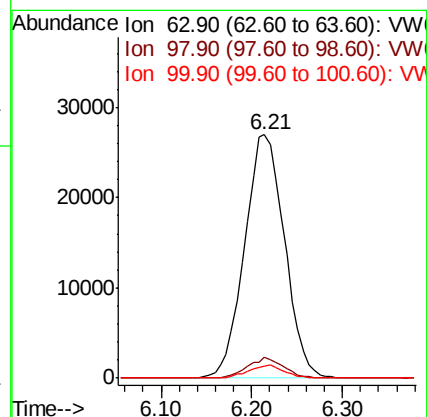
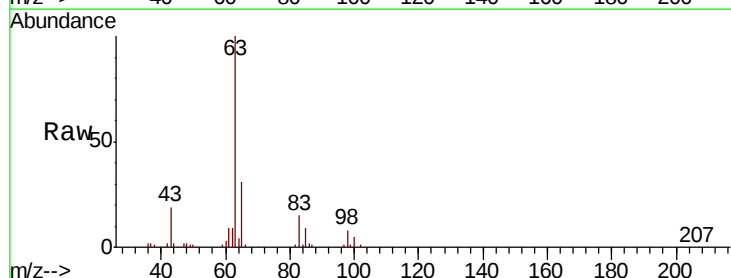
Tgt Ion: 63 Resp: 82211

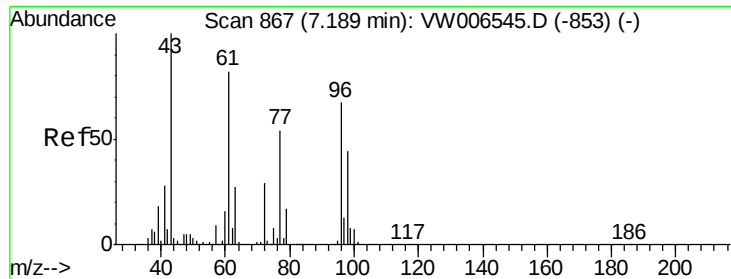
Ion Ratio Lower Upper

63 100

98 8.4 3.8 11.4

100 4.7 2.4 7.2





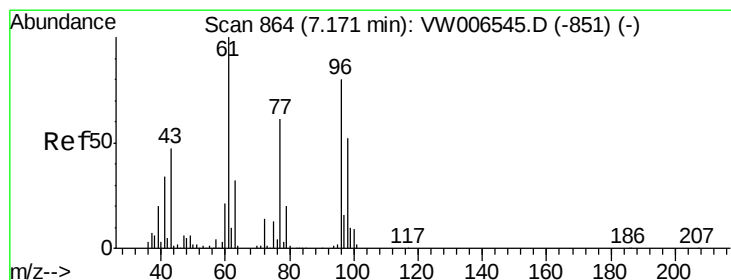
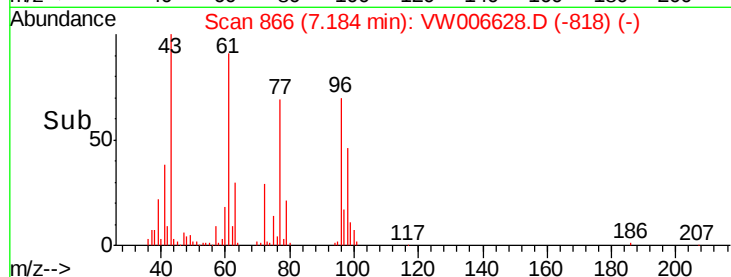
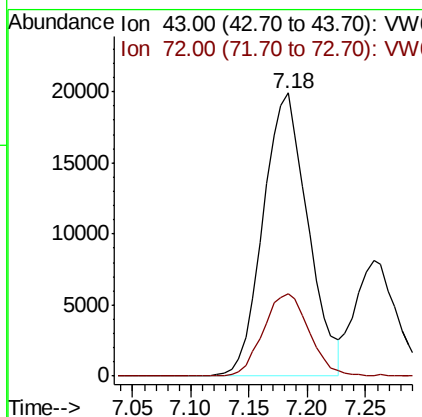
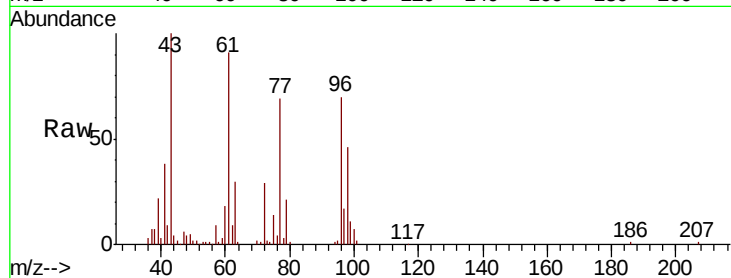
#25
2-Butanone
Concen: 100.509 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion: 43 Resp: 53267
Ion Ratio Lower Upper
43 100
72 29.0 23.2 34.8

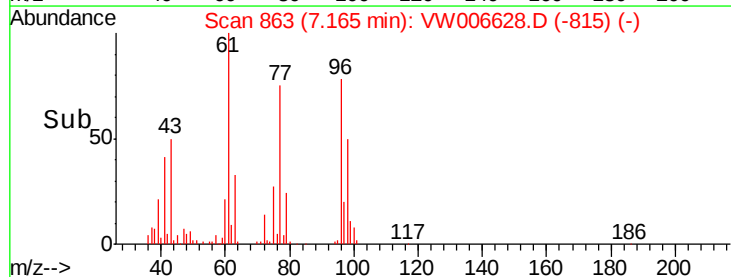
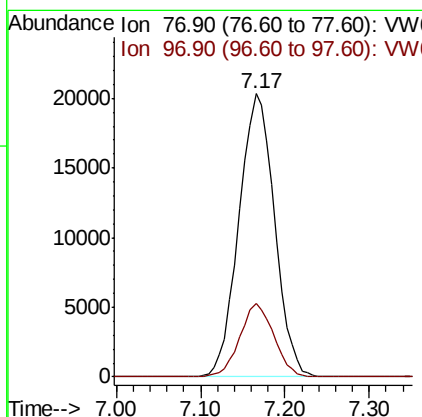
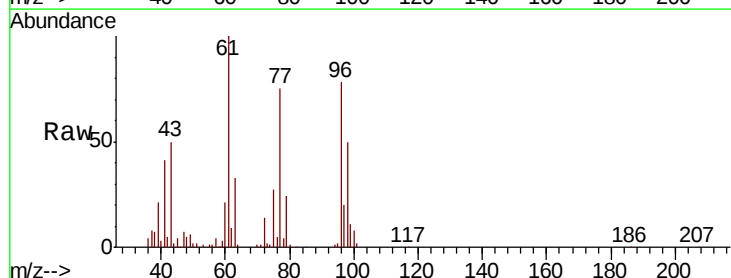
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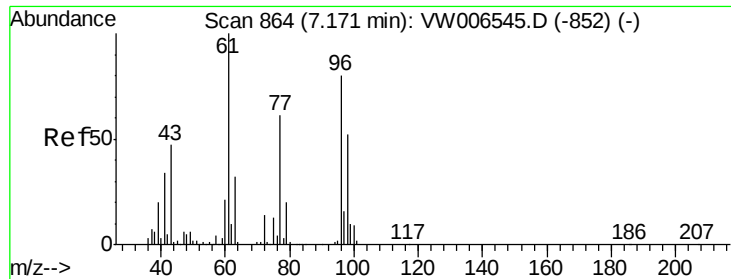
apatel
11/6/2018 8:13:21 AM



#26
2,2-Dichloropropane
Concen: 24.009 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 77 Resp: 58225
Ion Ratio Lower Upper
77 100
97 24.8 12.8 38.4





#27

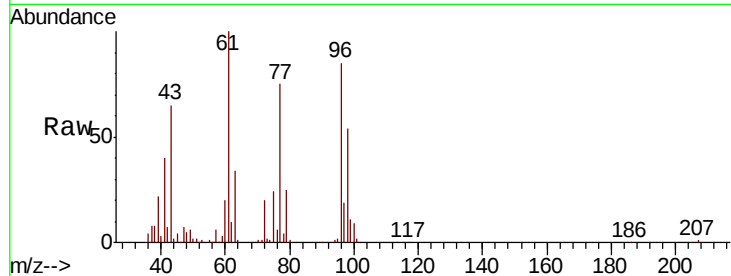
cis-1,2-Dichloroethene
Concen: 20.093 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

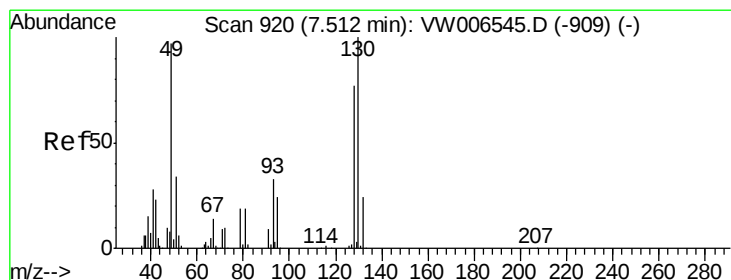
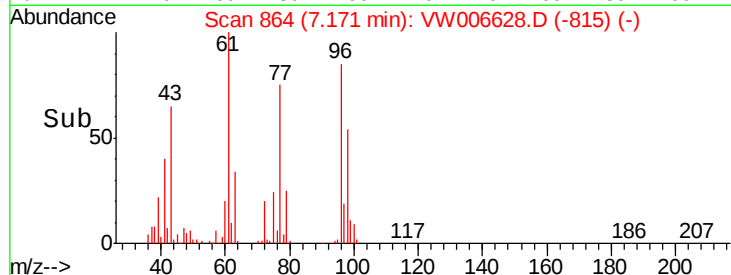
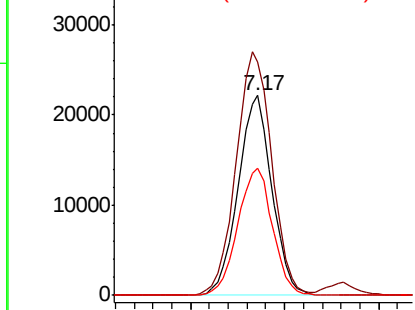
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.6	0.0	254.2
98	65.3	0.0	129.6

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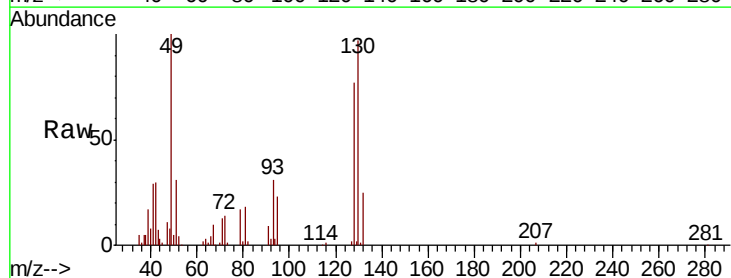
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



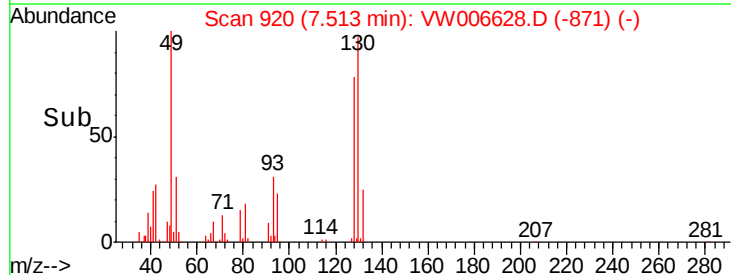
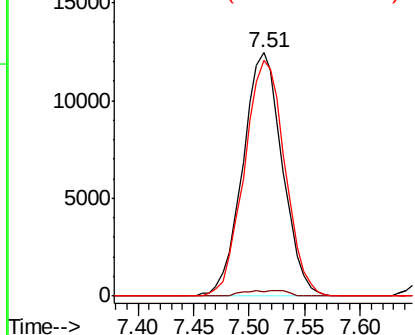
#28

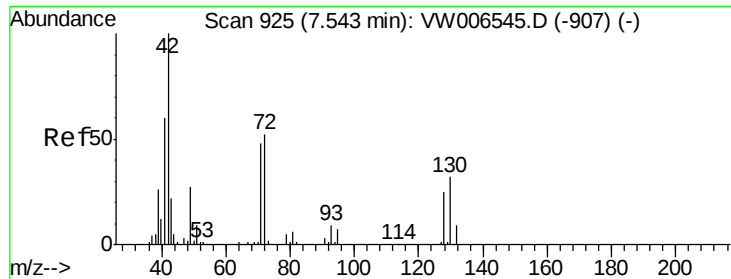
Bromochloromethane
Concen: 19.249 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.6
130	99.4	82.2	123.2



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





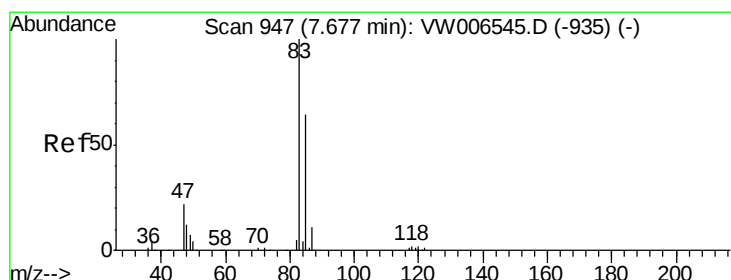
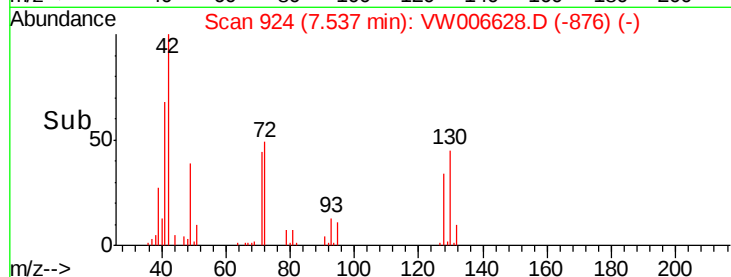
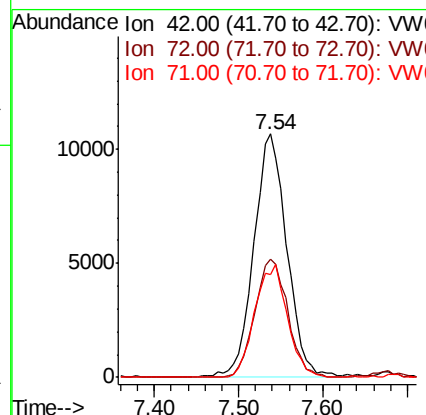
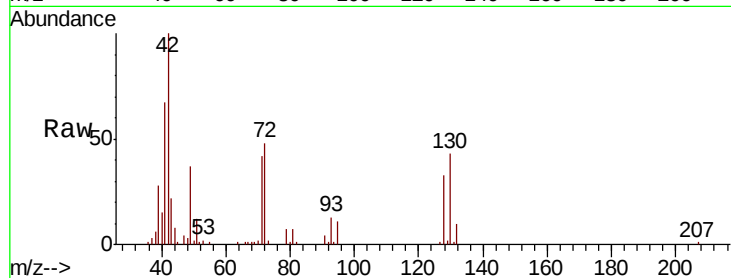
#29
Tetrahydrofuran
Concen: 85.519 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	39.2	58.8
71	45.3	37.6	56.4

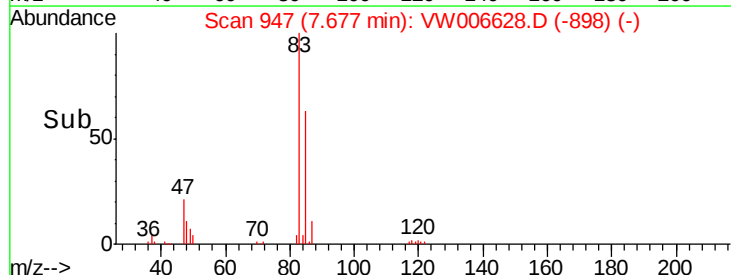
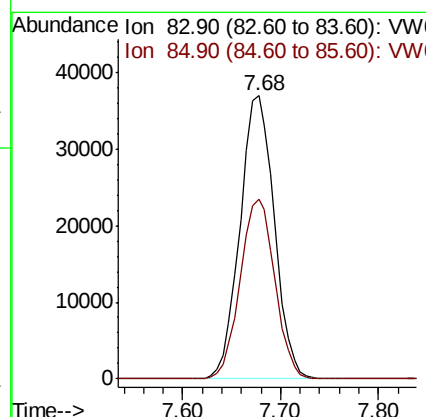
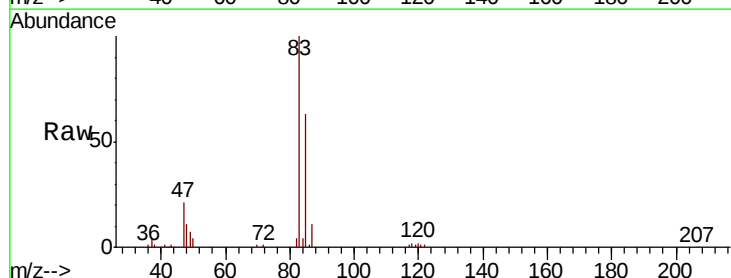
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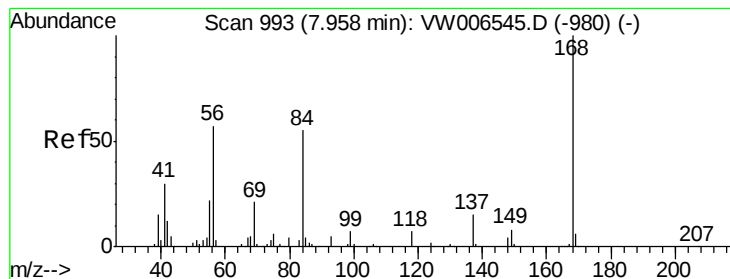
apatel
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#30
Chloroform
Concen: 20.353 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.3	76.9





#31

Cyclohexane

Concen: 21.131 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

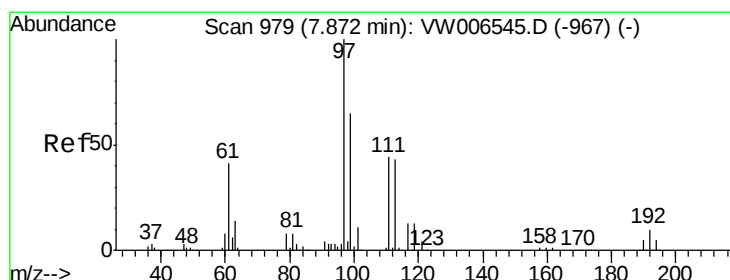
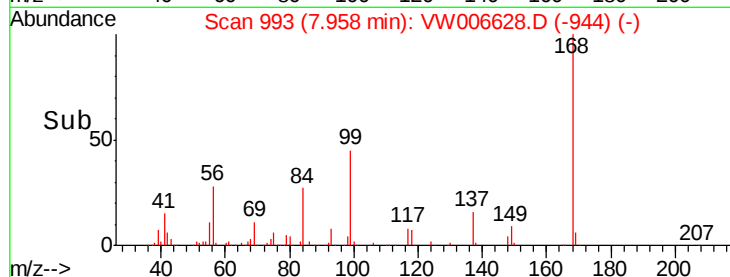
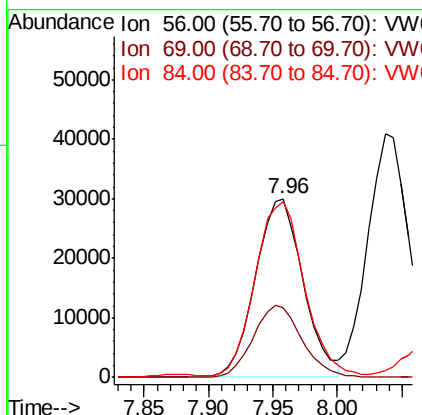
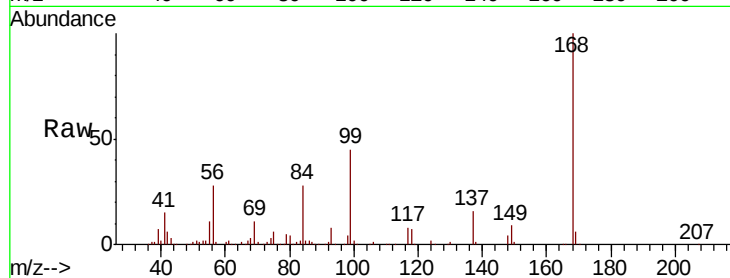
ClientSampled :

VW1105SBS01

Tot Ion:	56	Resp:	77429
Ion Ratio	Lower	Upper	
56	100		
69	39.1	29.0	43.4
84	96.9	77.8	116.6

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#32

1,1,1-Trichloroethane

Concen: 21.707 ug/l

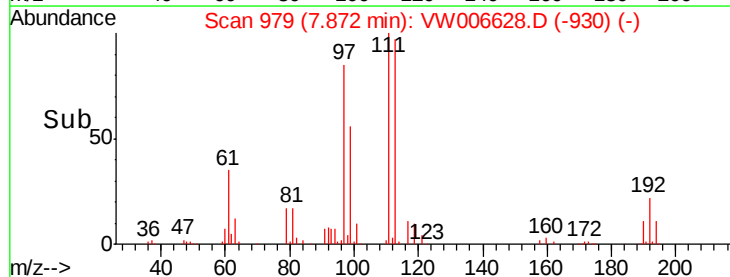
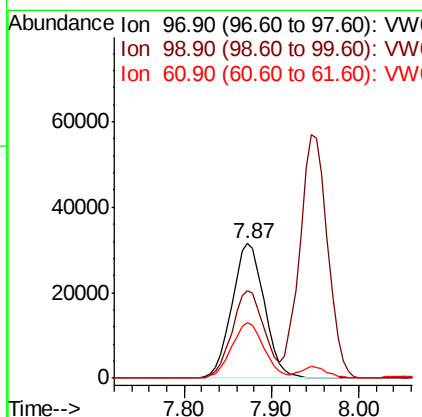
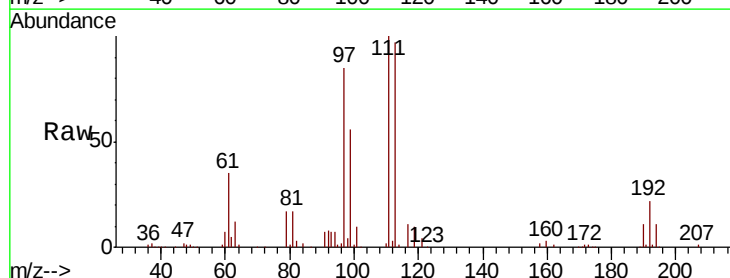
RT: 7.87 min Scan# 979

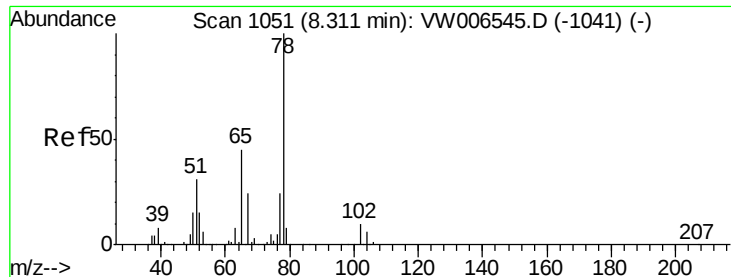
Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Tgt Ion:	97	Resp:	81075
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.7	77.5
61	41.3	32.9	49.3





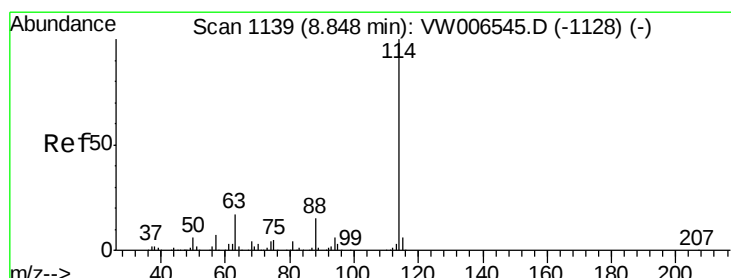
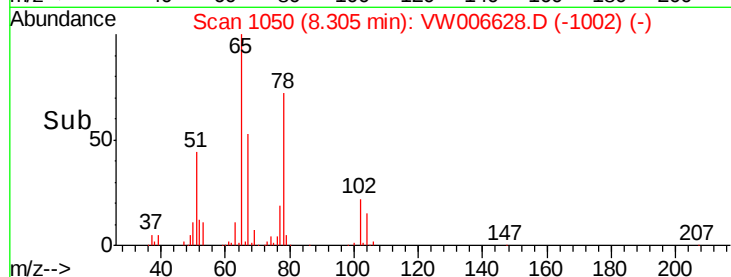
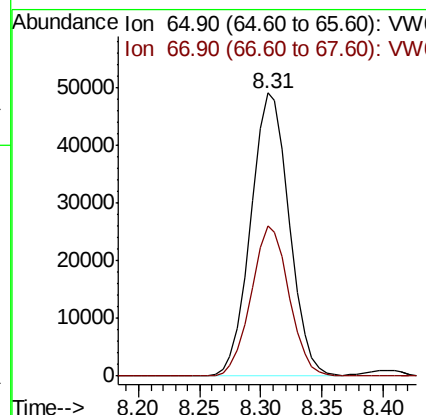
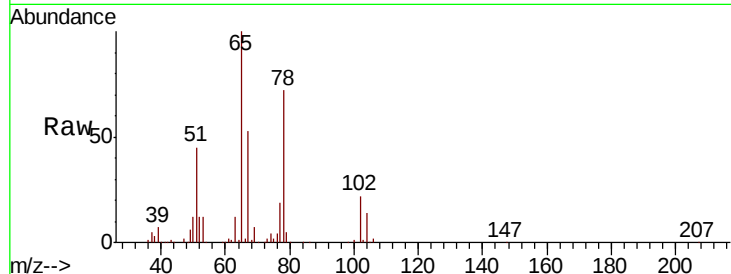
#33
 1,2-Dichloroethane-d4
 Concen: 46.599 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	107196		
67	52.3	0.0	104.4	

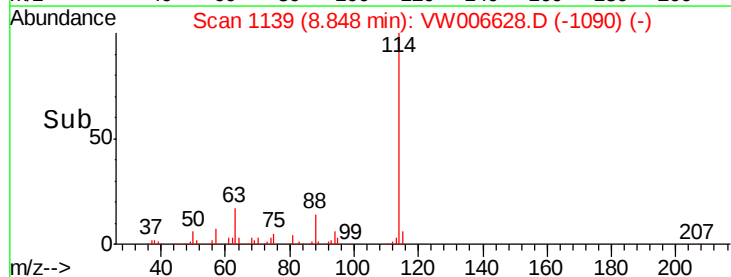
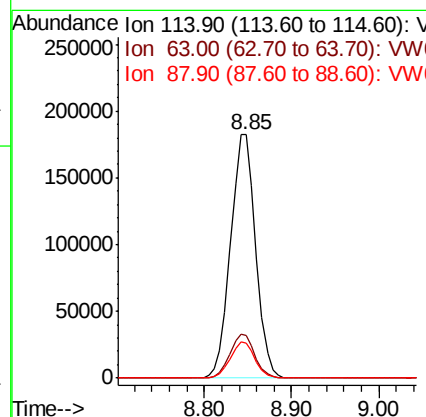
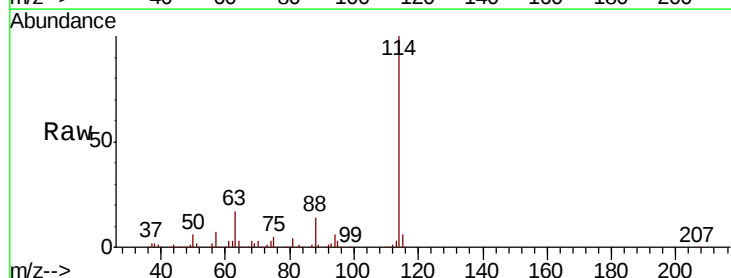
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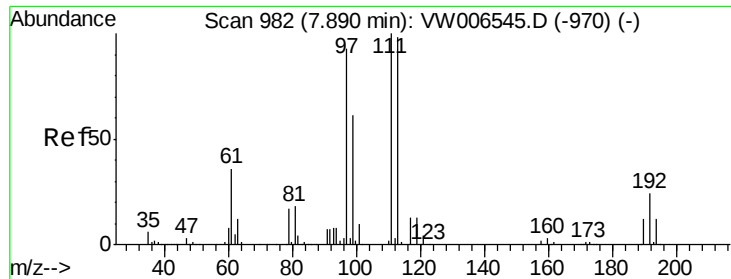
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	363087		
63	17.5	0.0	34.4	
88	14.2	0.0	29.0	





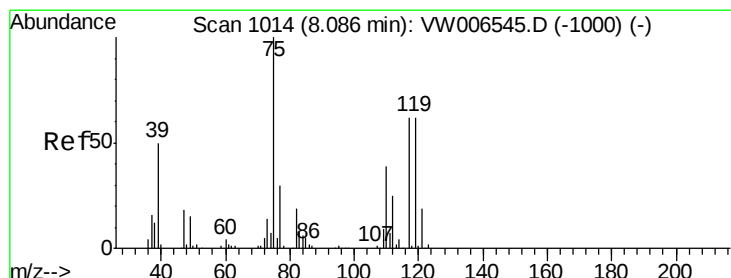
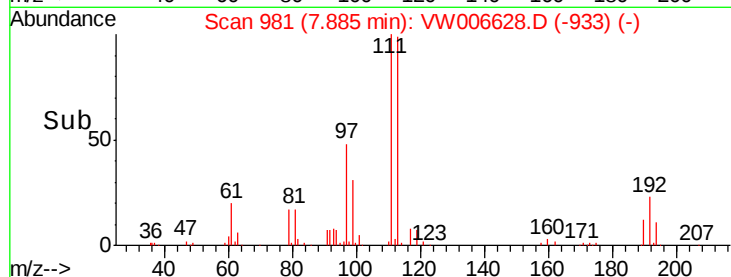
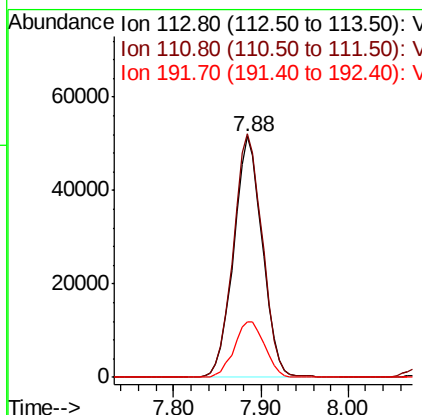
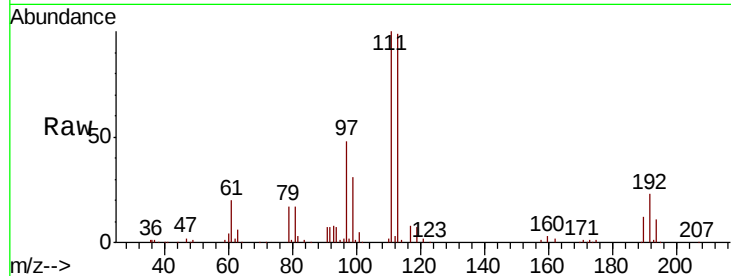
#35
 Dibromofluoromethane
 Concen: 51.515 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	82.2	123.2	
192	24.4	19.0	28.6	

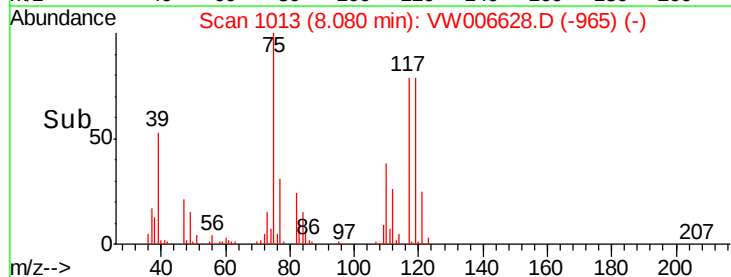
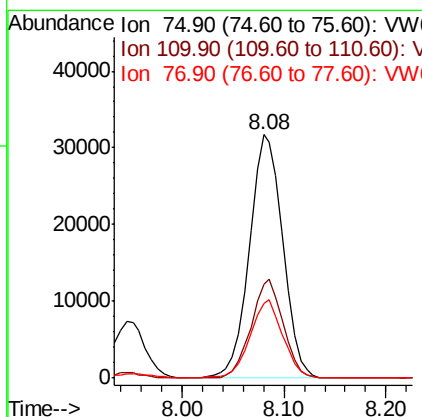
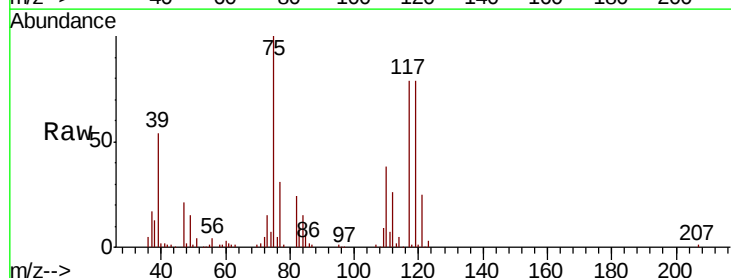
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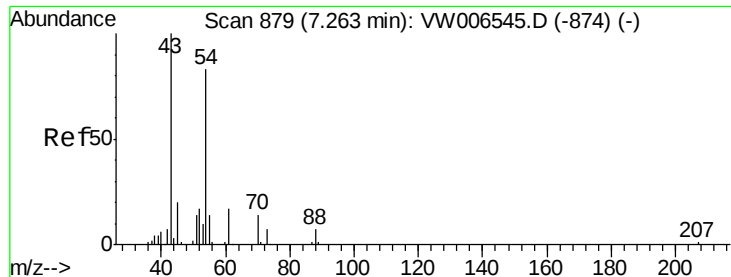
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#36
 1,1-Dichloropropene
 Concen: 22.591 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.9	19.5	58.5	
77	31.7	24.6	37.0	





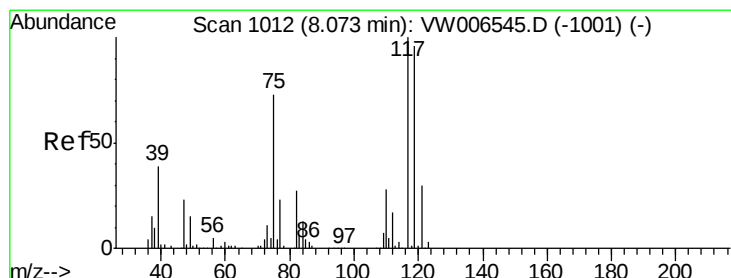
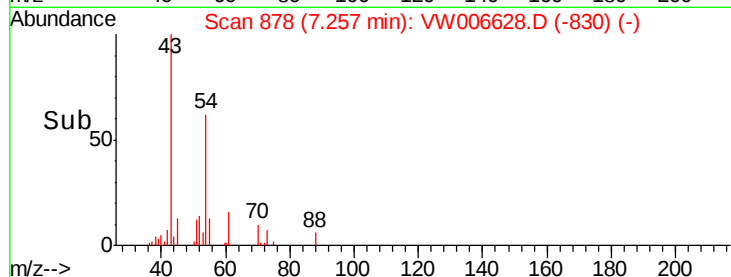
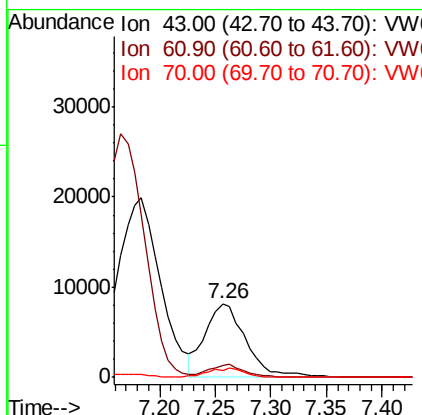
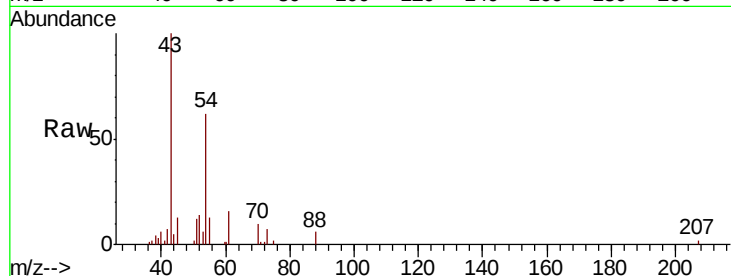
#37
Ethyl Acetate
Concen: 18.472 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	11.5	9.8	14.6

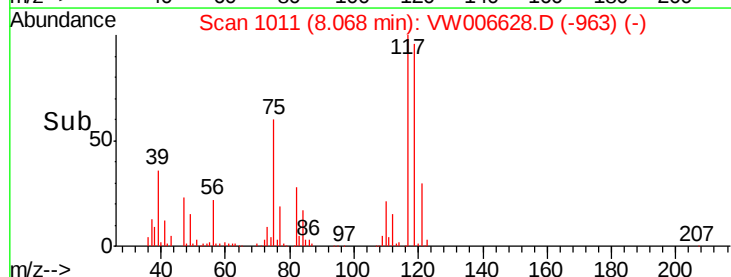
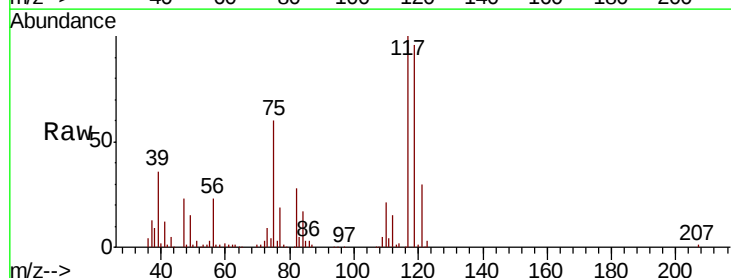
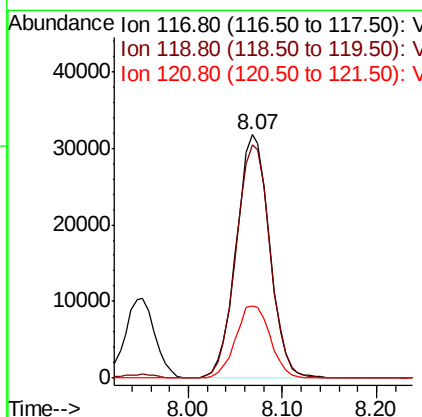
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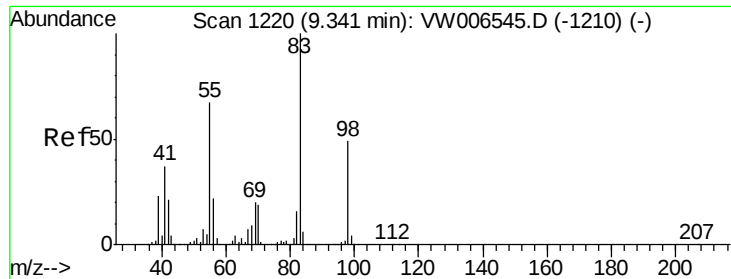
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#38
Carbon Tetrachloride
Concen: 23.513 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.3	114.5
121	29.6	24.1	36.1





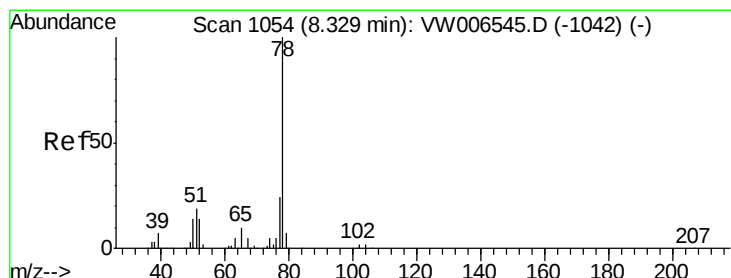
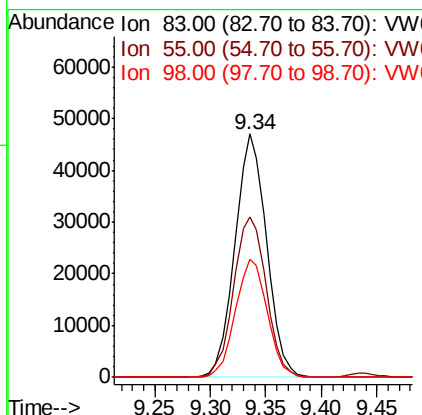
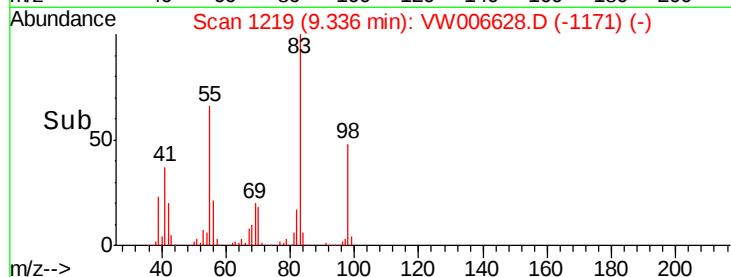
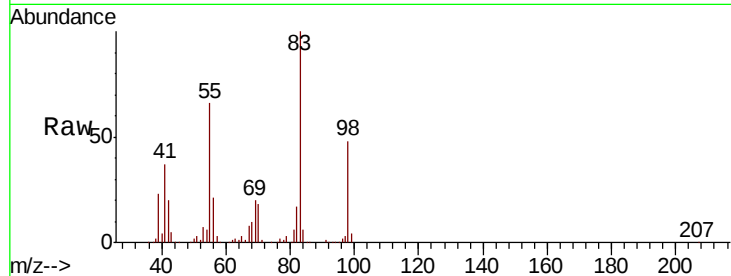
#39
Methvlcvclohexane
Concen: 22.908 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.9	53.7	80.5
98	48.4	39.2	58.8

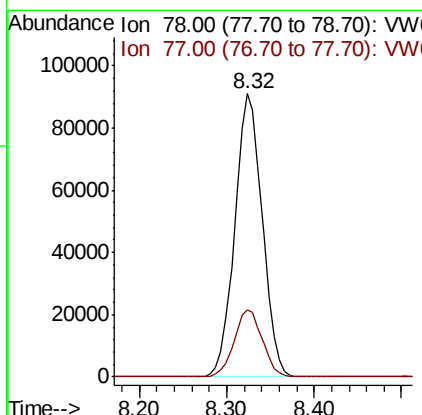
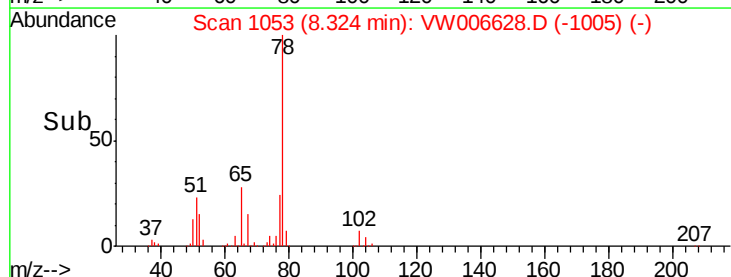
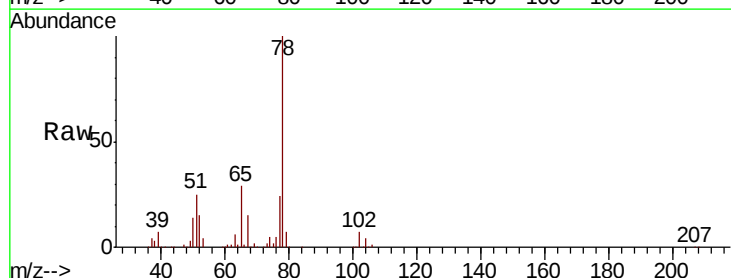
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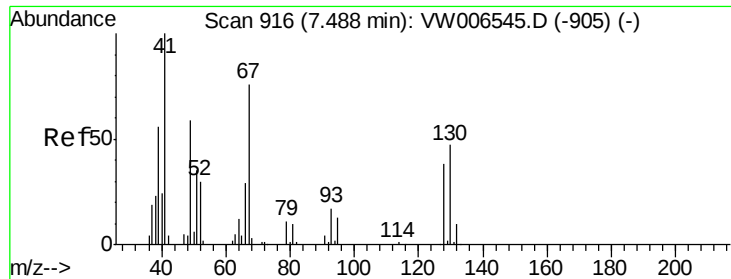
apatel
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#40
Benzene
Concen: 21.902 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





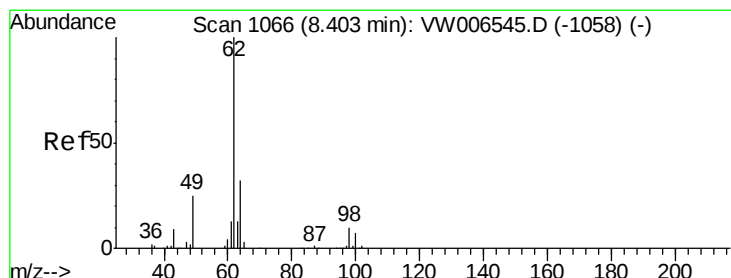
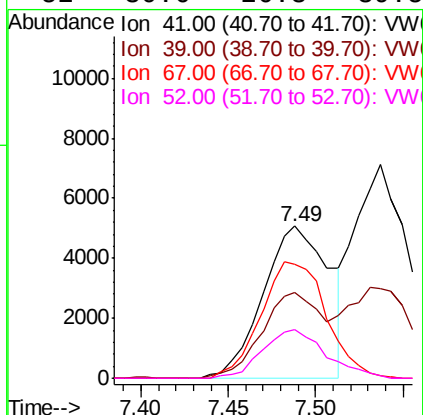
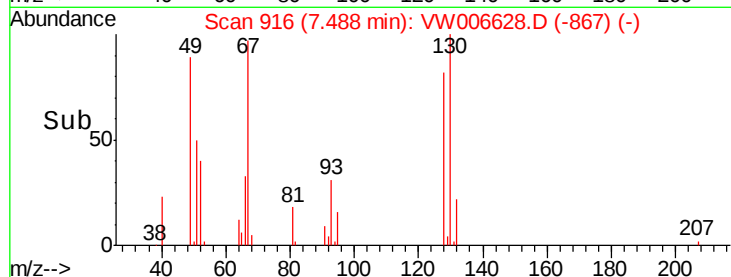
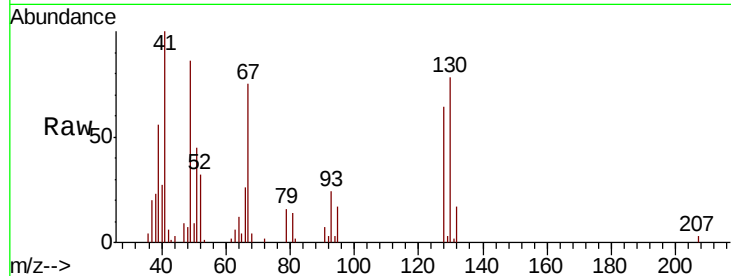
#41
Methacrylonitrile
Concen: 19.724 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	41	Resp	13383
Ion Ratio	Lower	Upper	
41	100		
39	50.4	44.5	66.7
67	75.4	63.8	95.8
52	30.6	26.3	39.5

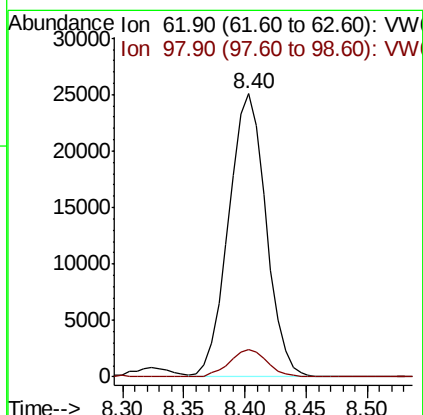
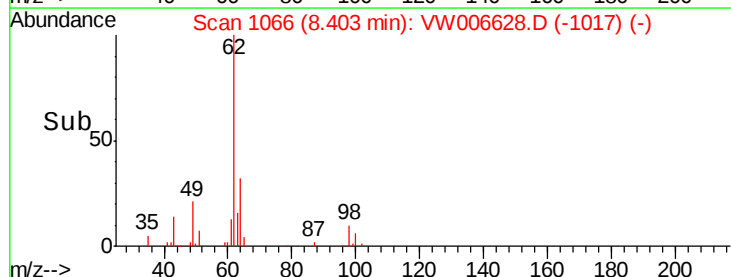
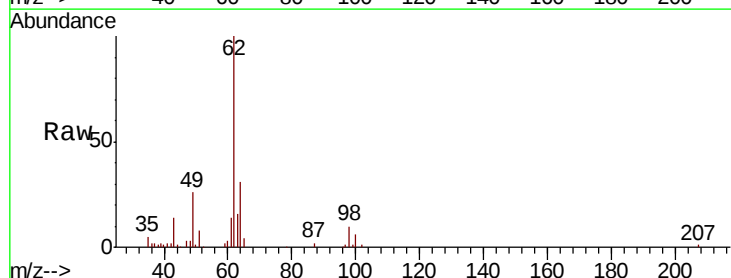
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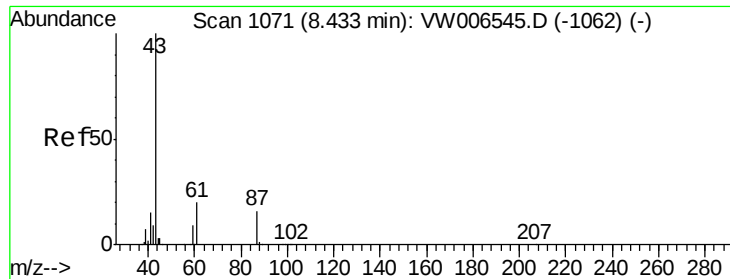
apatel
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#42
1,2-Dichloroethane
Concen: 20.474 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	62	Resp	53251
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.471 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

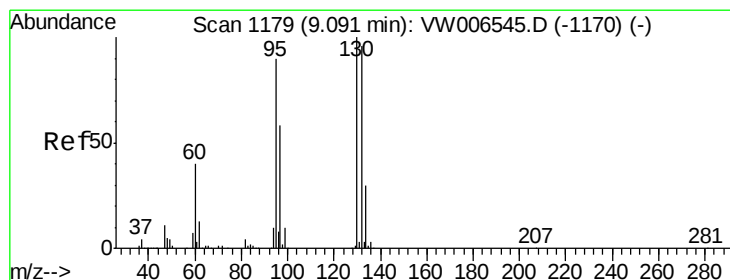
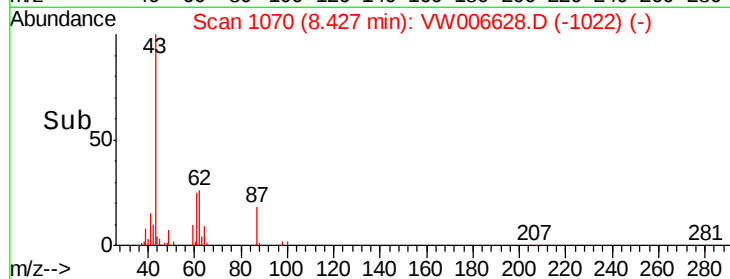
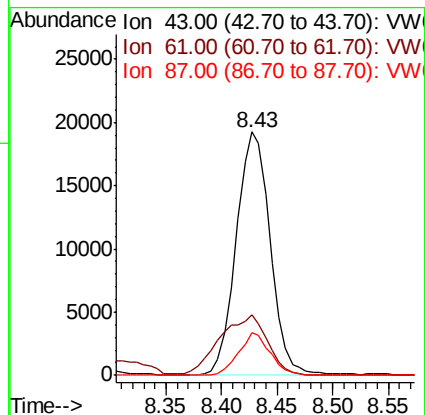
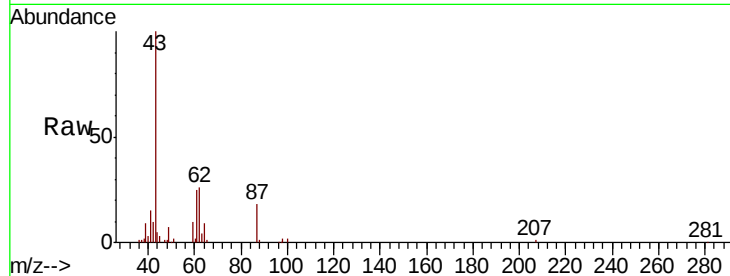
ClientSampleId :

VW1105SBS01

Tot Ion:	43	Resp:	40784
Ion	Ratio	Lower	Upper
43	100		
61	35.1	27.2	40.8
87	16.0	12.9	19.3

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#44

Trichloroethene

Concen: 22.081 ug/l

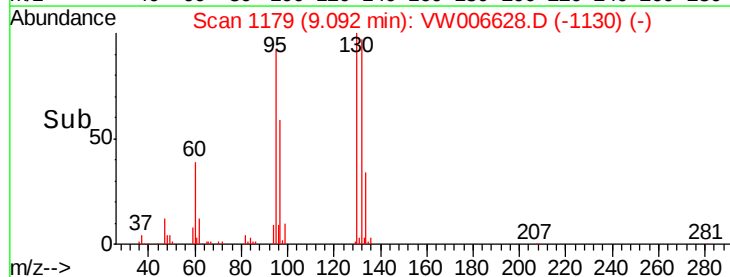
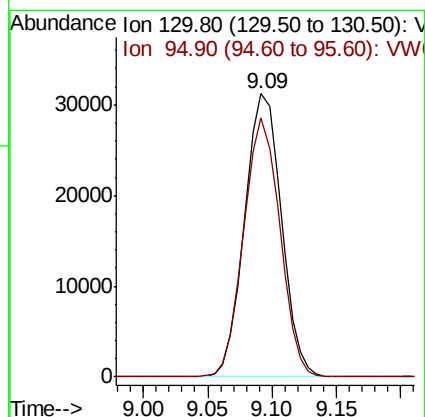
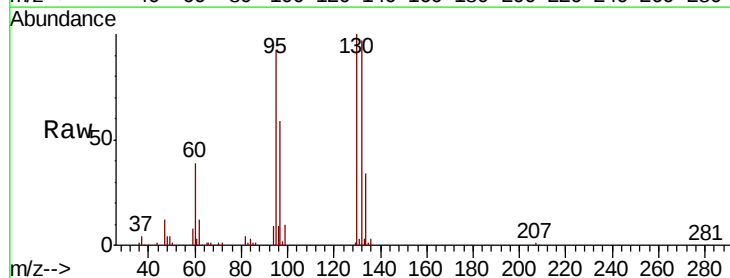
RT: 9.09 min Scan# 1179

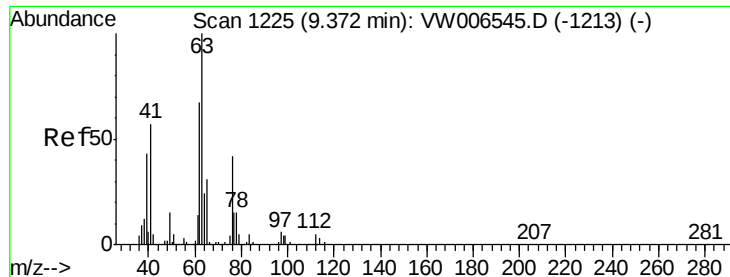
Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Tgt Ion:	130	Resp:	61798
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	179.2





#45

1,2-Dichloropropane

Concen: 21.528 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 63 Resp: 45437

Ion Ratio Lower Upper

63 100

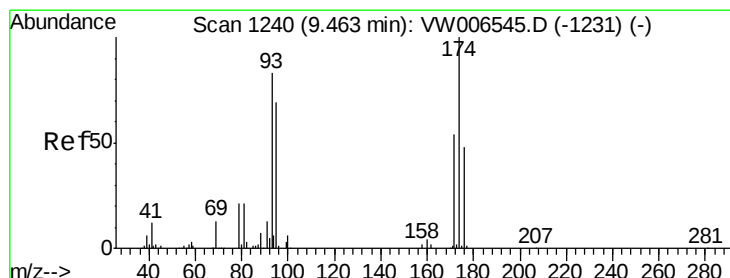
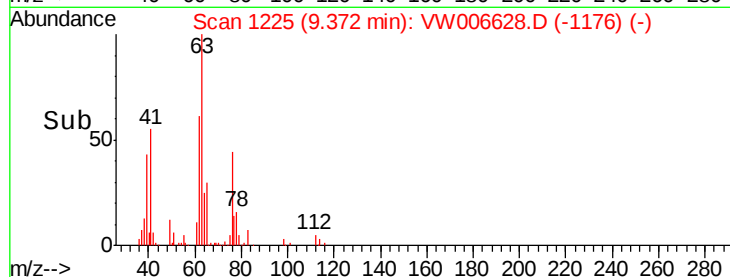
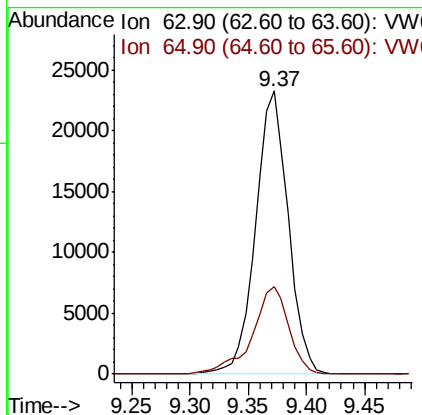
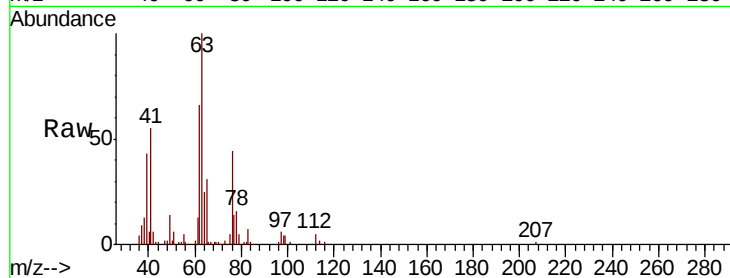
65 30.8 25.1 37.7

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#46

Dibromomethane

Concen: 19.907 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

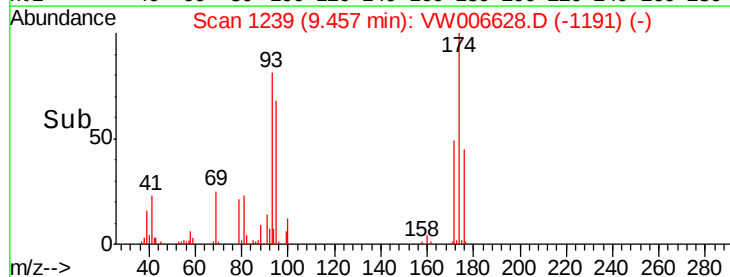
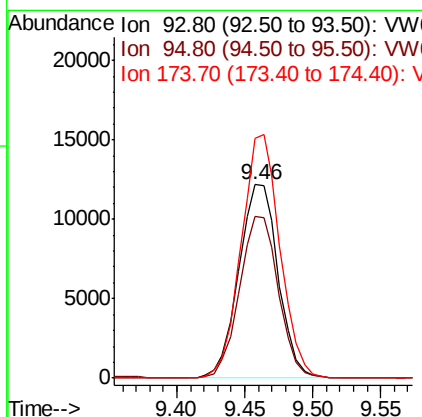
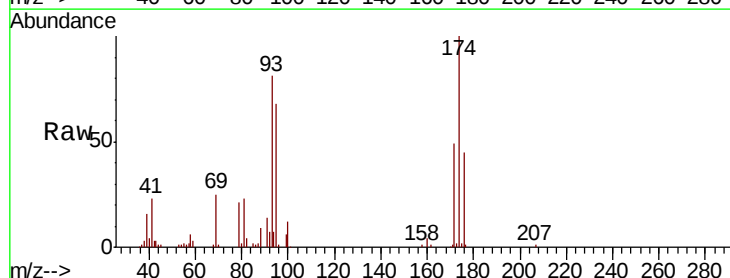
Tgt Ion: 93 Resp: 24698

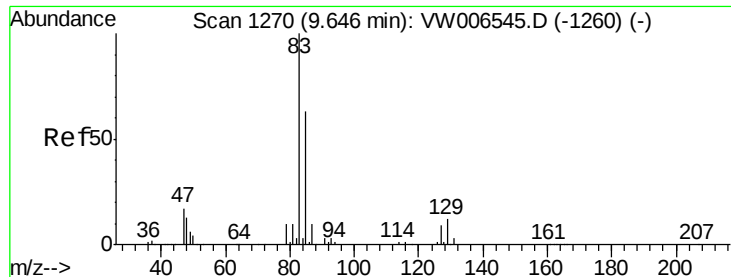
Ion Ratio Lower Upper

93 100

95 82.3 67.2 100.8

174 123.5 97.3 145.9





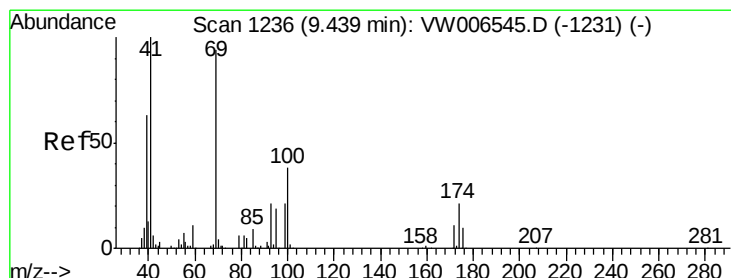
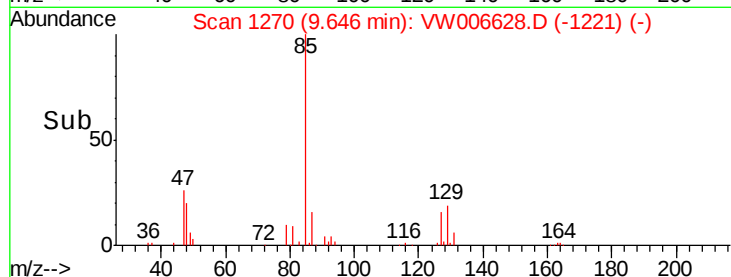
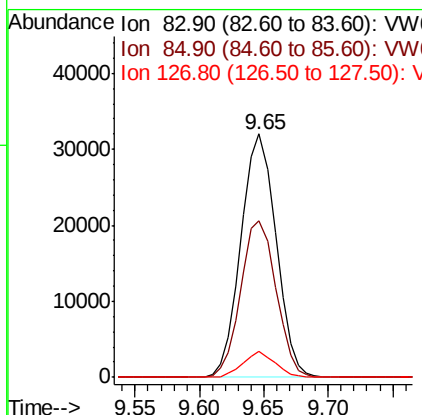
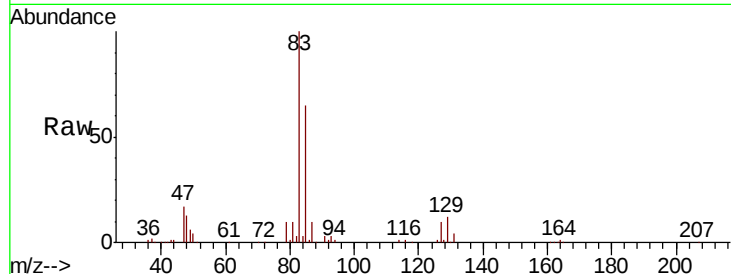
#47
Bromodichloromethane
Concen: 21.050 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	83	85	127
Resp	60641		
Ratio	100	64.5	10.4
Lower		50.6	7.5
Upper		75.8	11.3

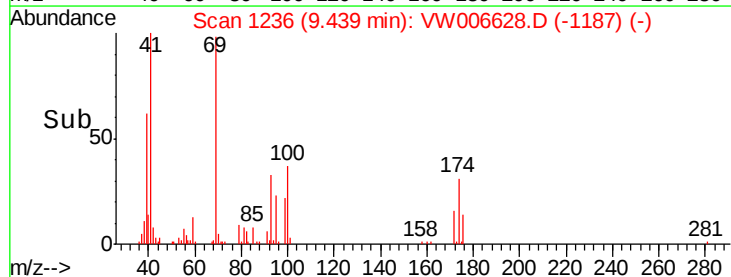
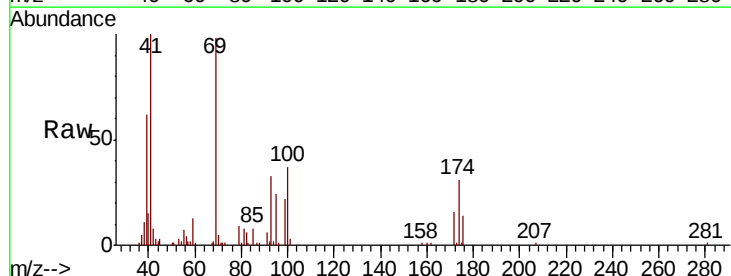
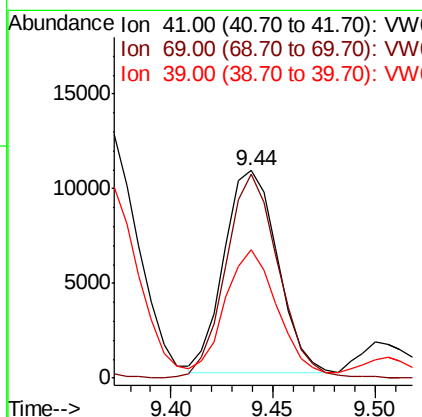
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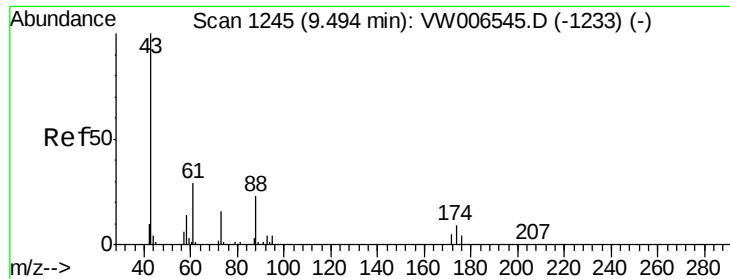
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#48
Methyl methacrylate
Concen: 18.177 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	41	69	39
Resp	19337		
Ratio	100	100.3	63.8
Lower		77.8	48.7
Upper		116.8	73.1





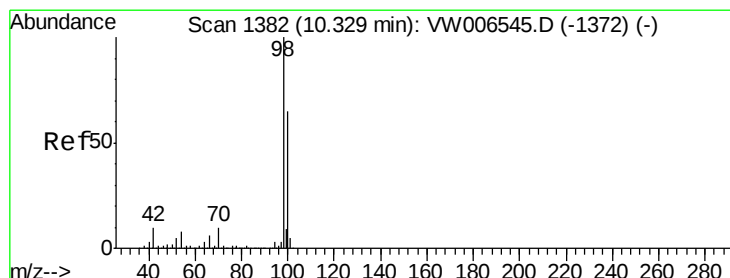
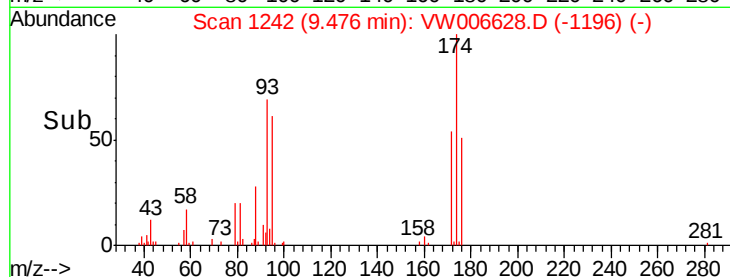
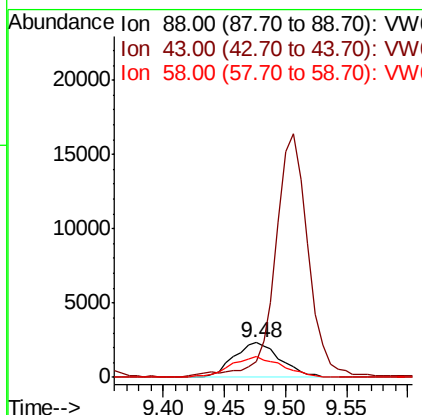
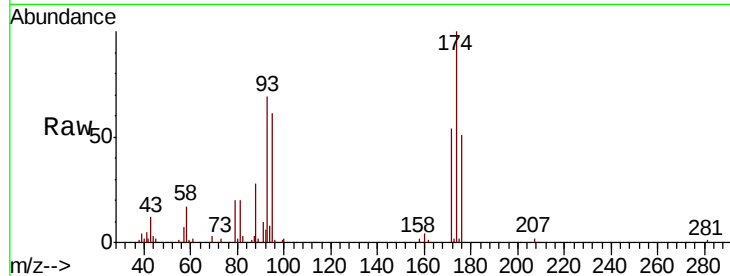
#49
1,4-Dioxane
Concen: 341.791 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.02 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	64.8	51.4	77.2

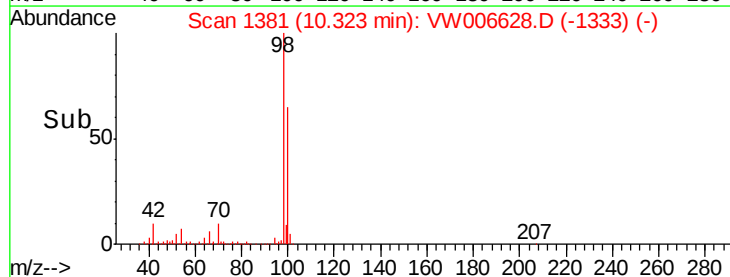
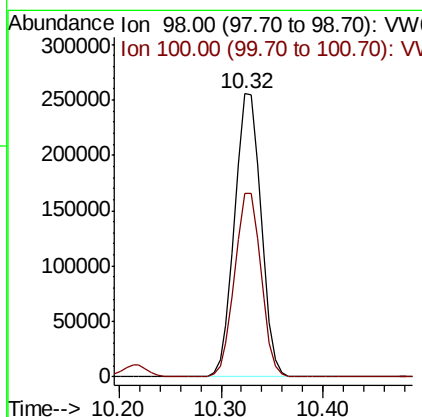
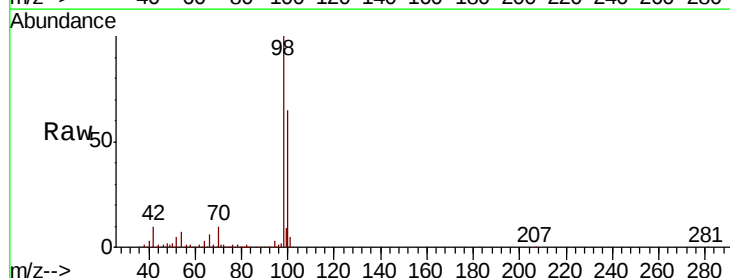
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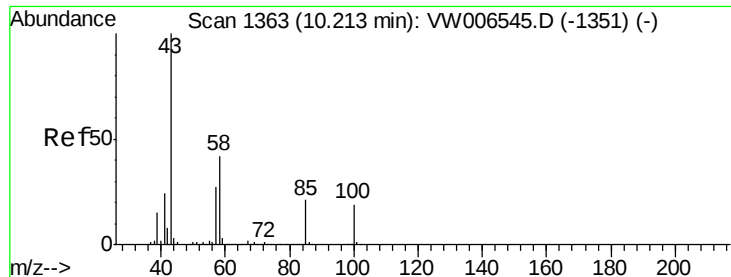
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#50
Toluene-d8
Concen: 52.861 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 92.113 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 43 Resp: 104457

Ion Ratio Lower Upper

43 100

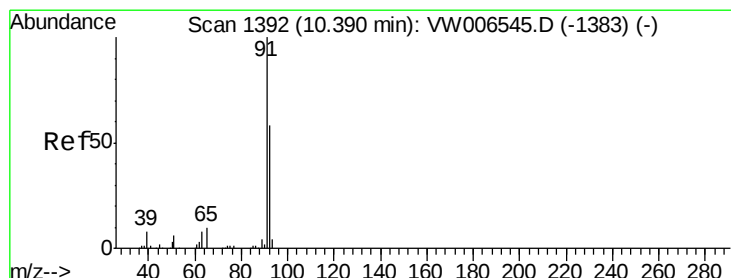
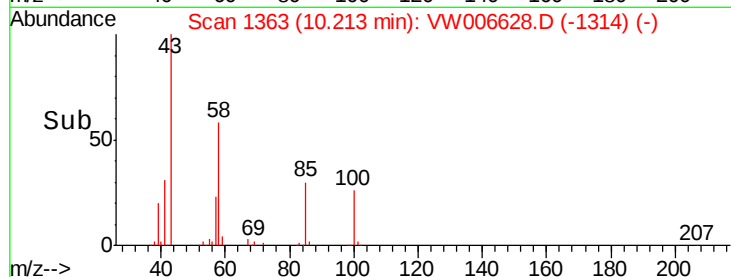
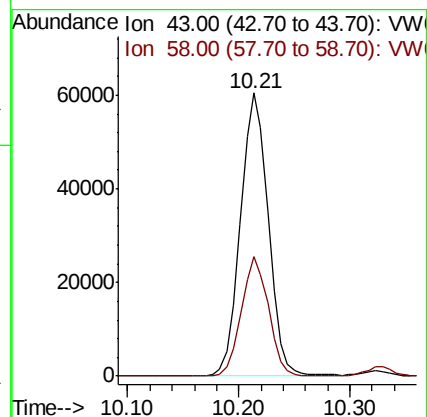
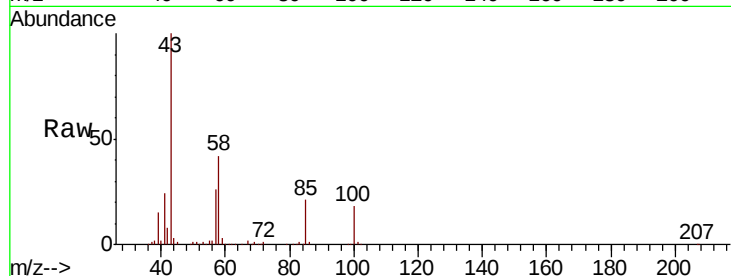
58 41.1 33.4 50.0

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#52

Toluene

Concen: 21.862 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006628.D

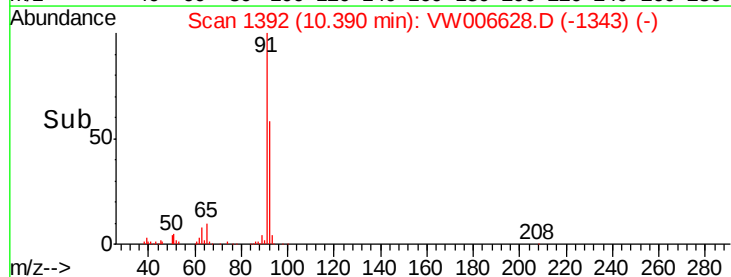
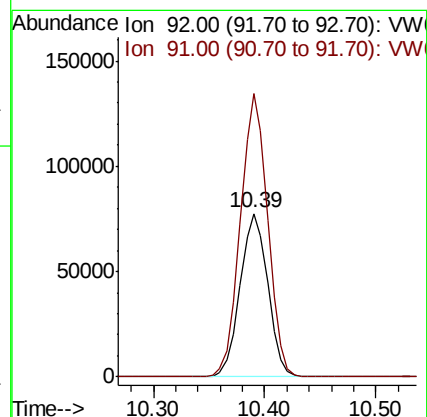
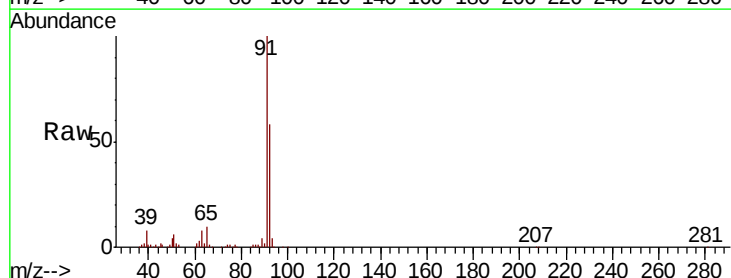
Acq: 05 Nov 2018 11:49

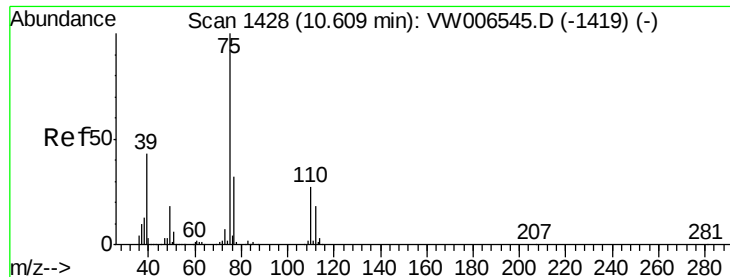
Tgt Ion: 92 Resp: 132985

Ion Ratio Lower Upper

92 100

91 171.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.298 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion: 75 Resp: 59049

Ion Ratio Lower Upper

75 100

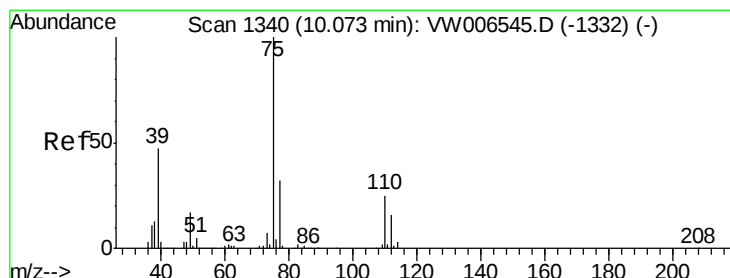
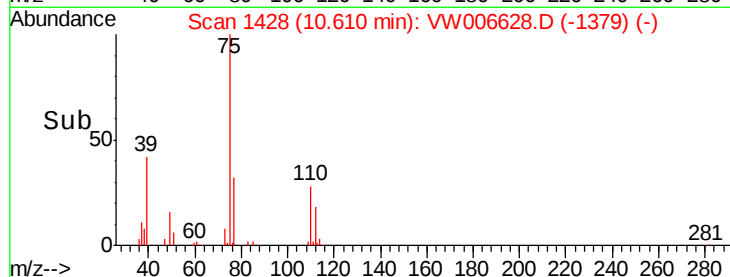
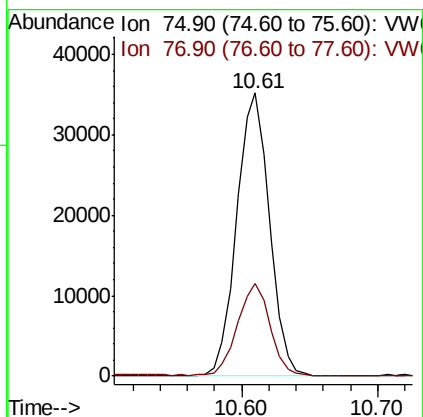
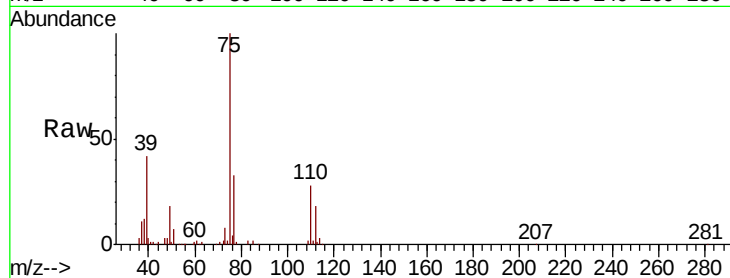
77 32.4 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 21.256 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

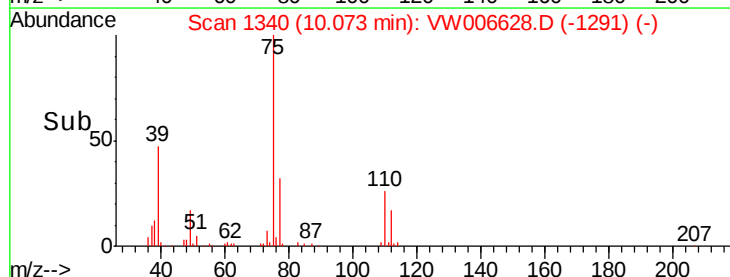
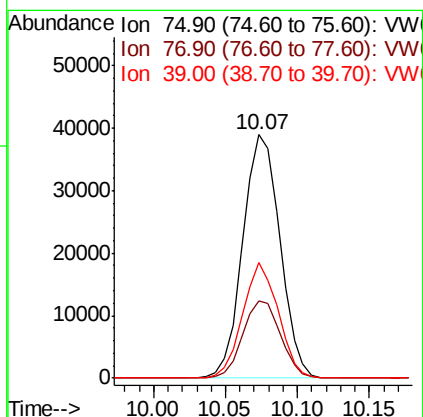
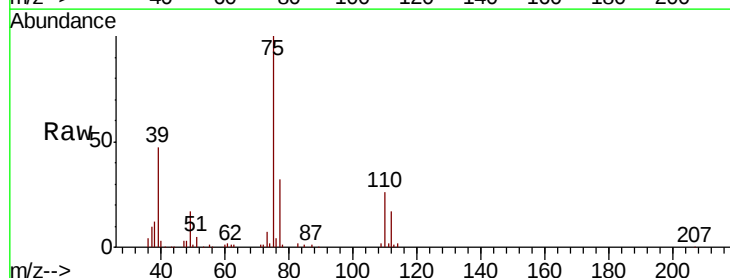
Tgt Ion: 75 Resp: 69642

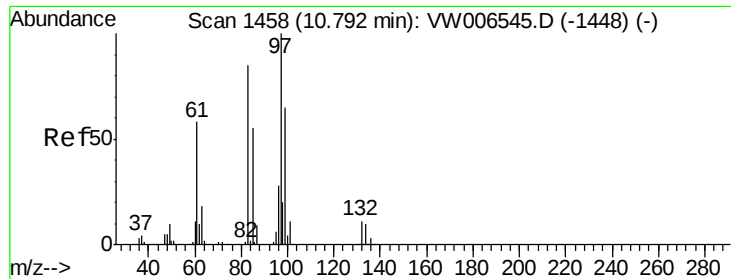
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 47.3 37.3 55.9





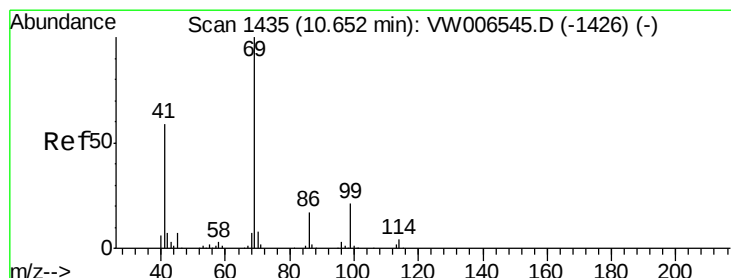
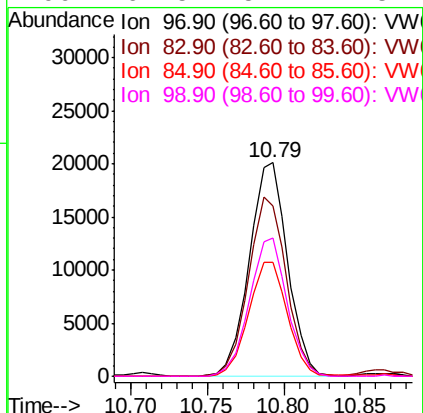
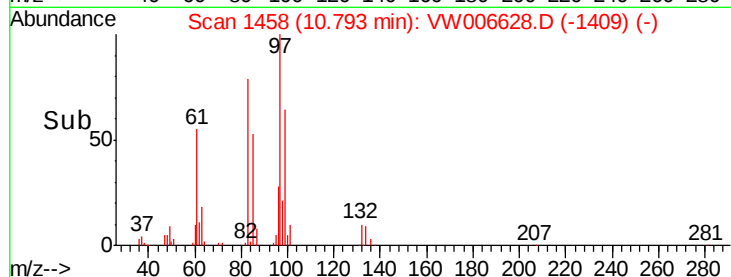
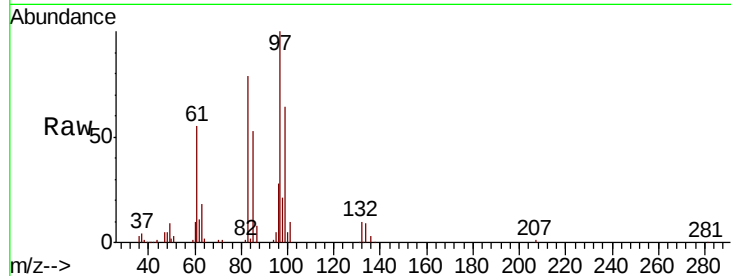
#55
 1,1,2-Trichloroethane
 Concen: 19.922 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion:	97	Resp:	35070
Ion	Ratio	Lower	Upper
97	100		
83	79.5	67.9	101.9
85	53.4	44.0	66.0
99	64.5	52.2	78.2

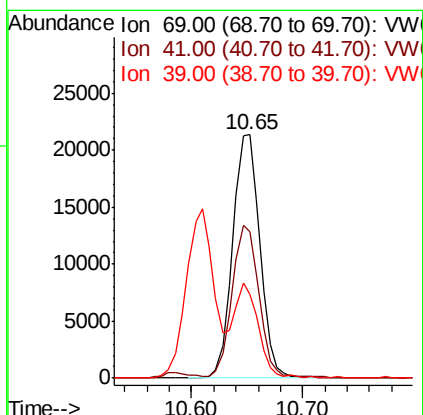
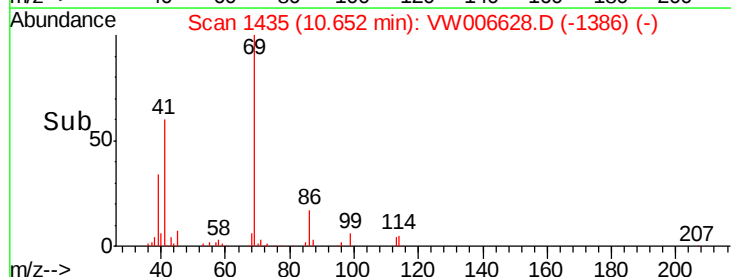
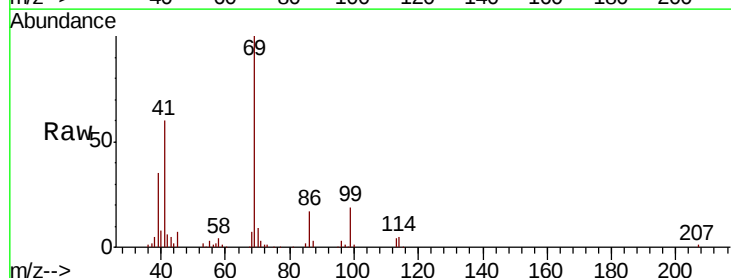
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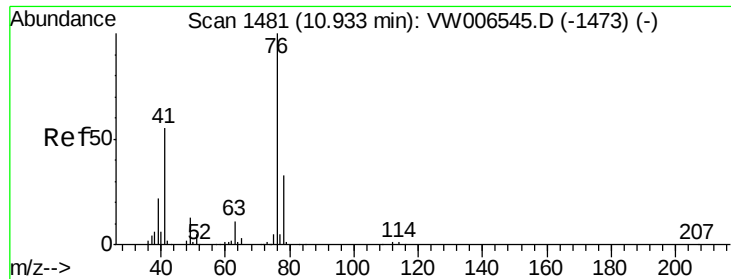
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#56
 Ethyl methacrylate
 Concen: 18.062 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion:	69	Resp:	36139
Ion	Ratio	Lower	Upper
69	100		
41	62.9	47.4	71.2
39	32.0	25.3	37.9





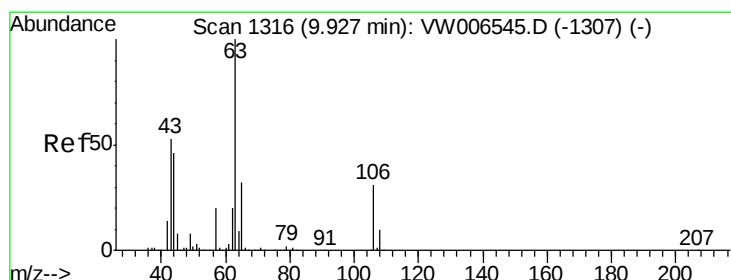
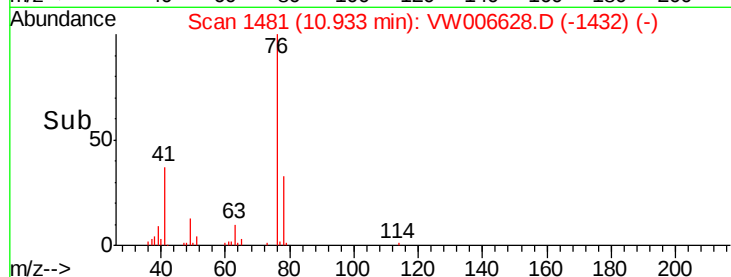
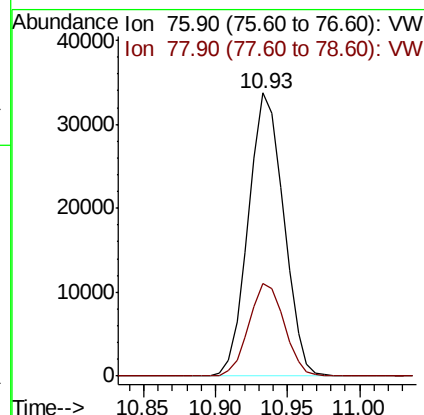
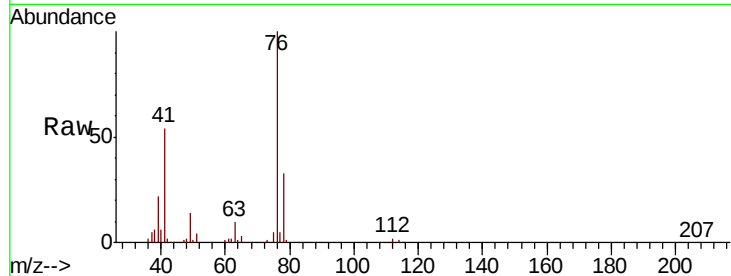
#57
 1,3-Dichloropropane
 Concen: 20.081 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion: 76 Resp: 57402
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4

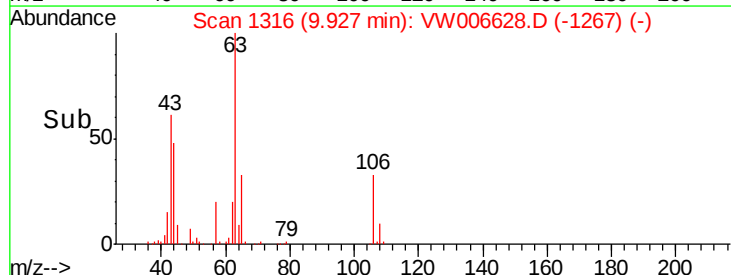
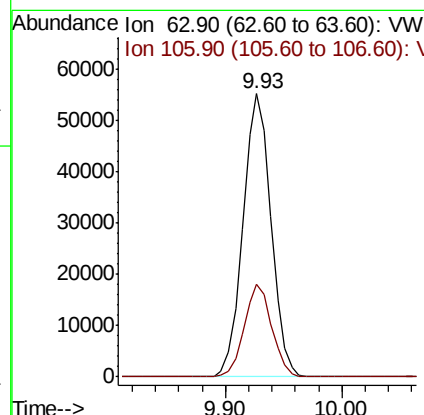
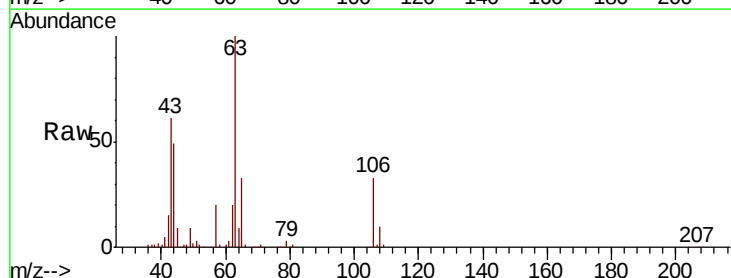
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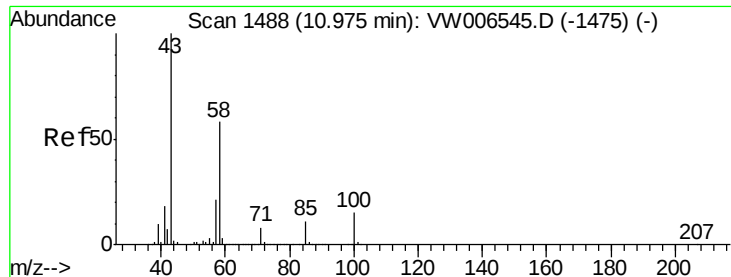
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 11/6/2018 8:13:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.443 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion: 63 Resp: 92829
 Ion Ratio Lower Upper
 63 100
 106 32.2 25.4 38.2





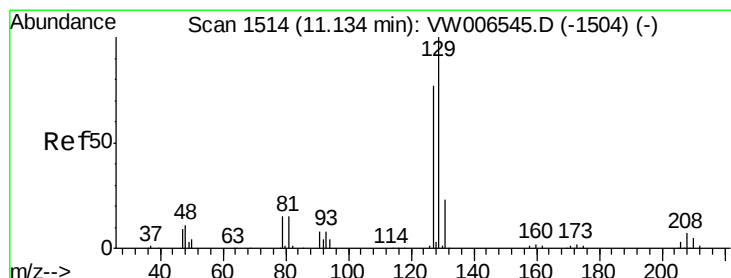
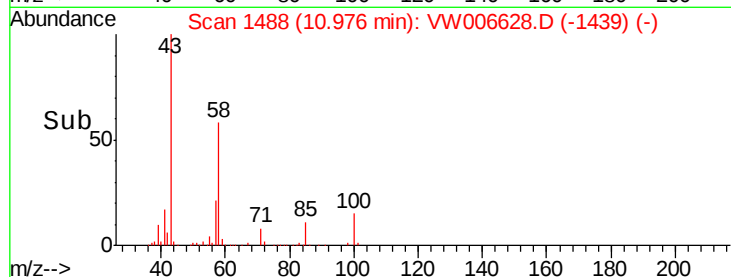
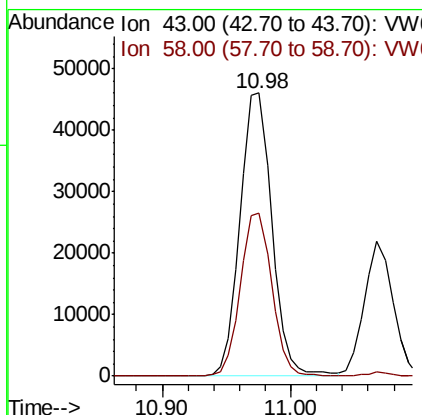
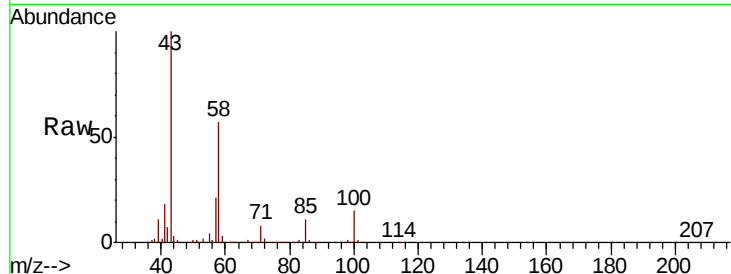
#59
2-Hexanone
Concen: 102.696 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion: 43 Resp: 79097
Ion Ratio Lower Upper
43 100
58 56.6 28.8 86.4

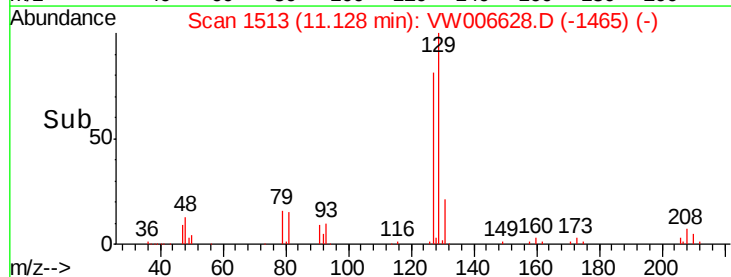
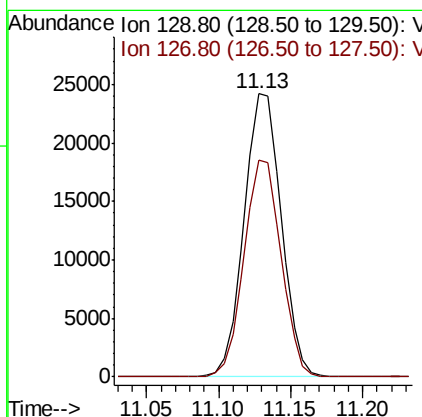
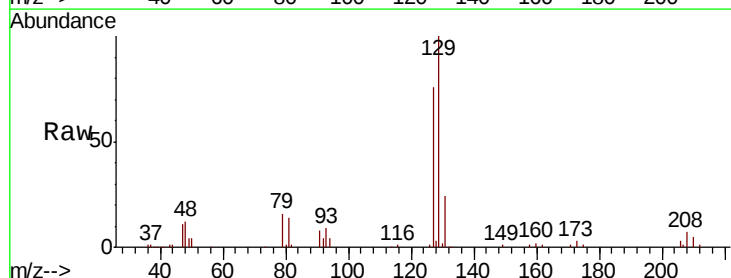
Manual Integrations
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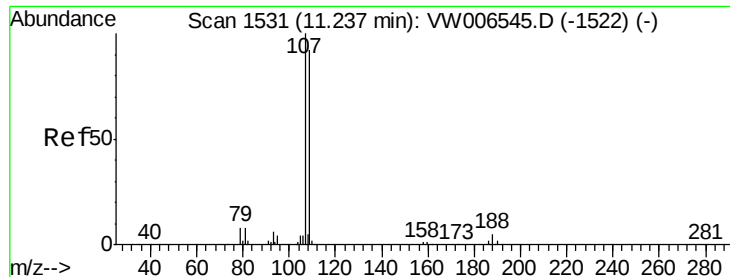
apatel
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#60
Dibromochloromethane
Concen: 20.741 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 129 Resp: 43259
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3





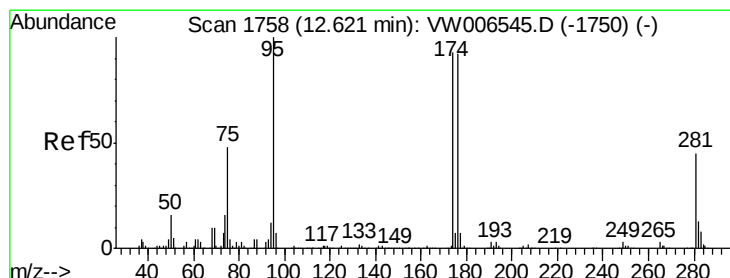
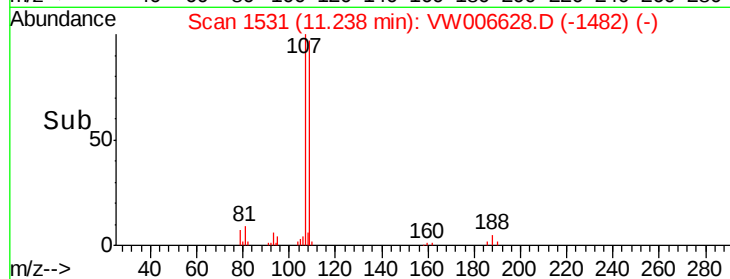
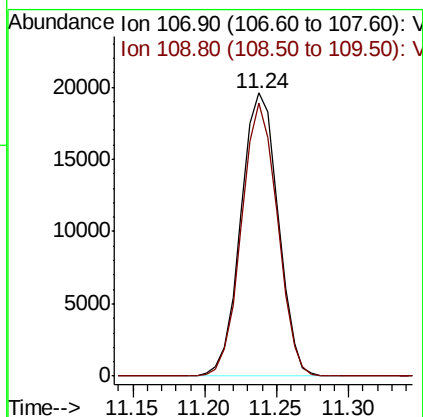
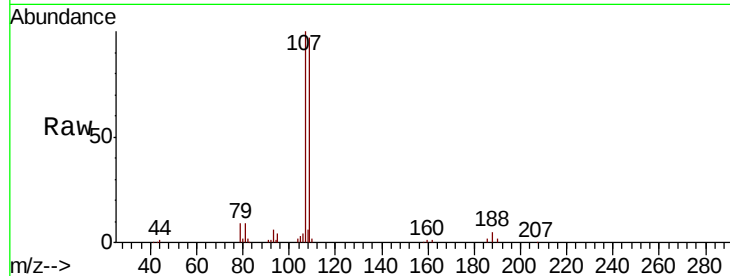
#61
1,2-Dibromoethane
Concen: 20.071 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.8	113.6

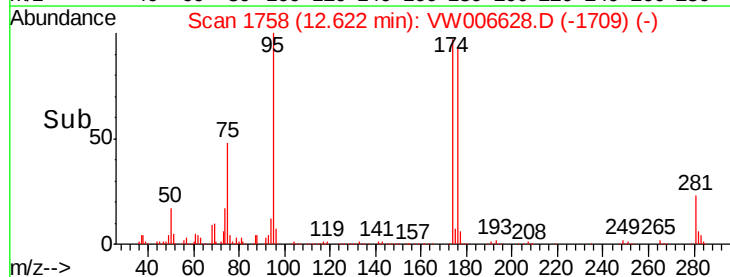
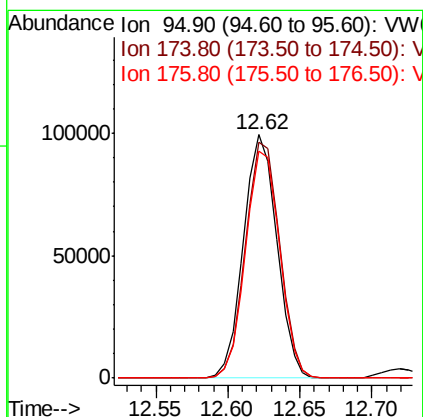
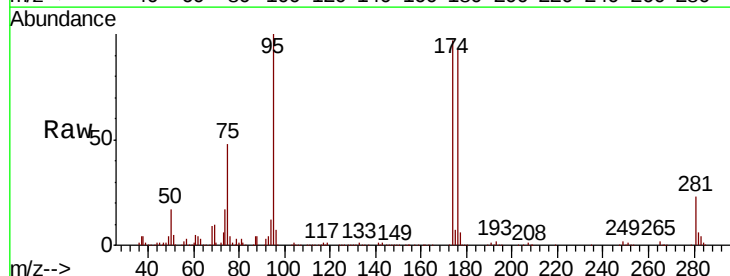
Manual Integrations
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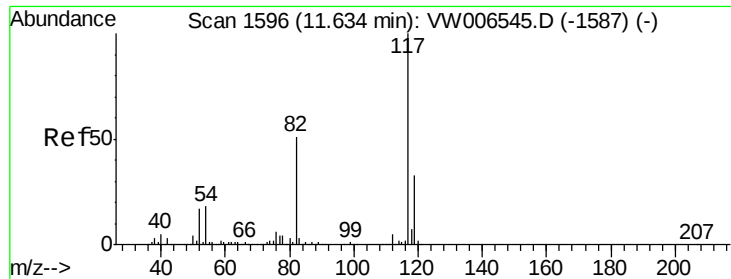
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#62
4-Bromofluorobenzene
Concen: 50.822 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	192.4
176	95.2	0.0	187.4





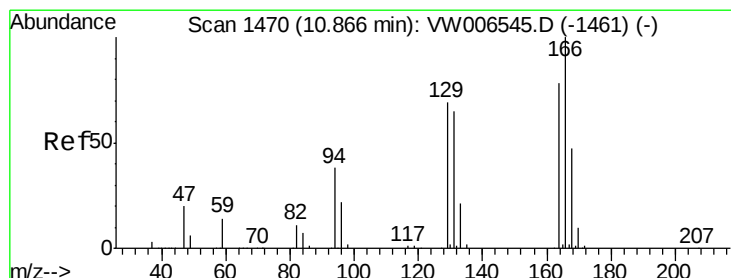
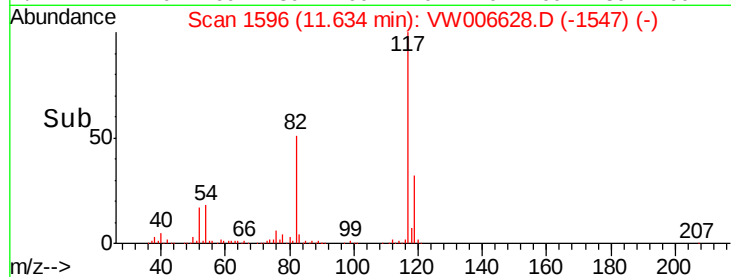
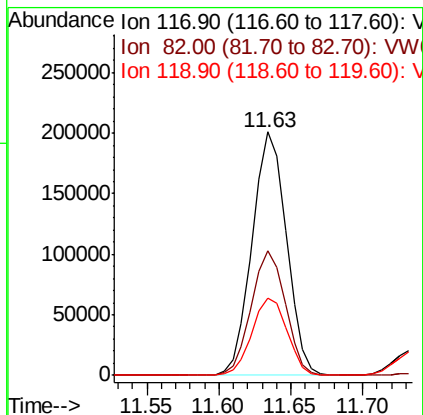
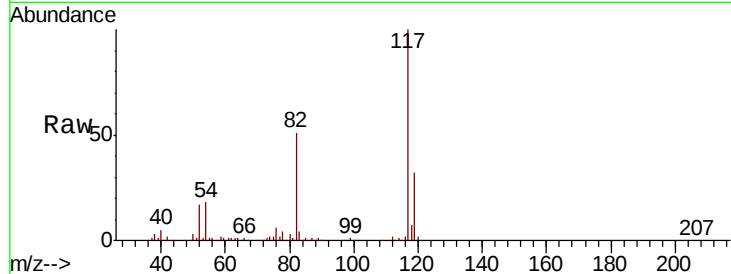
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.8	61.2
119	31.9	26.1	39.1

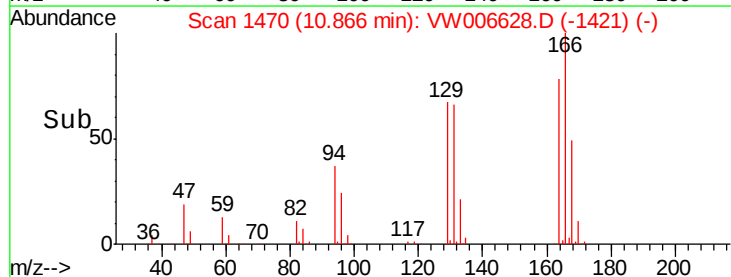
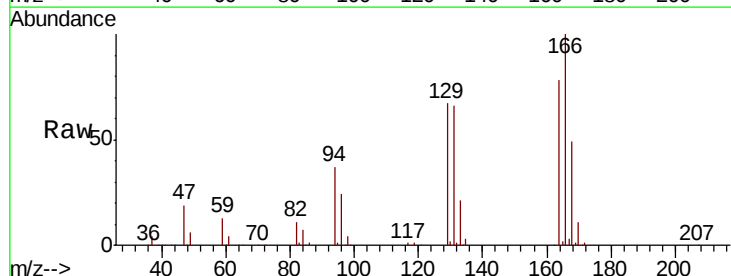
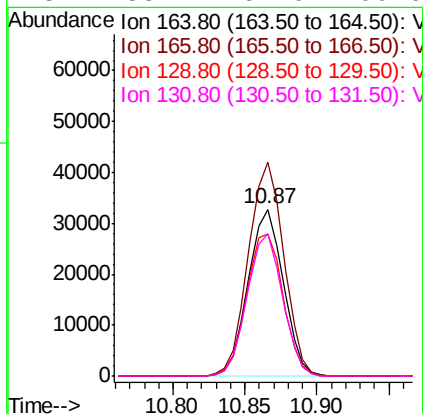
Manual Integrations
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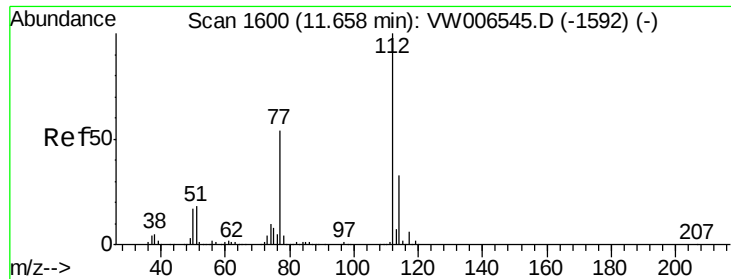
apatel
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#64
Tetrachloroethene
Concen: 20.966 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.8	154.2
129	85.6	70.9	106.3
131	85.1	67.0	100.6





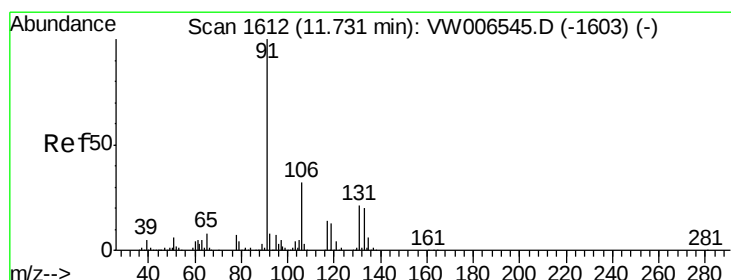
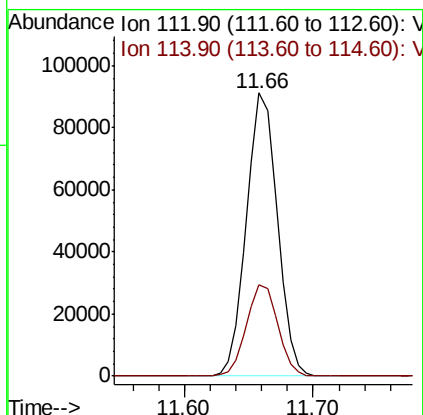
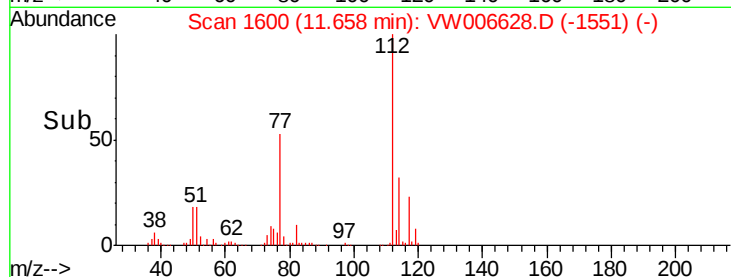
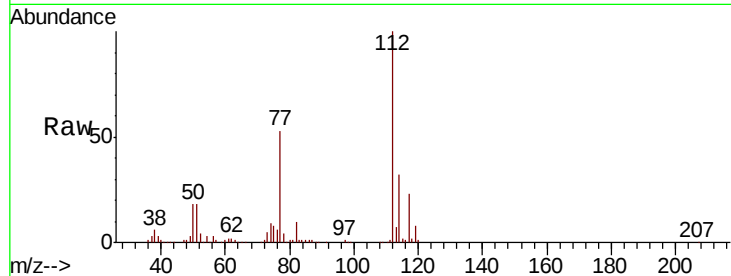
#65
Chlorobenzene
Concen: 21.727 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.2	39.2

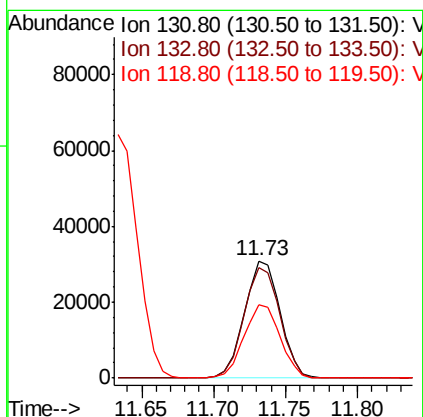
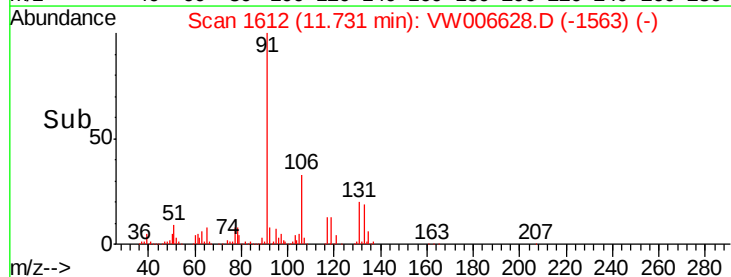
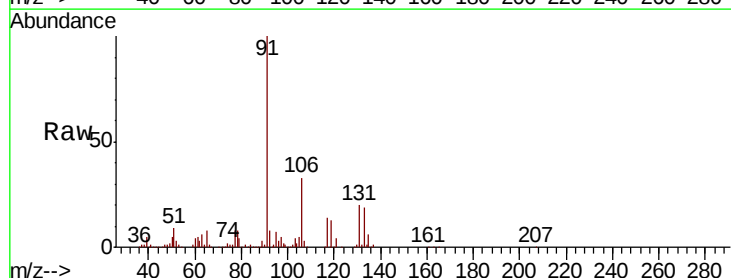
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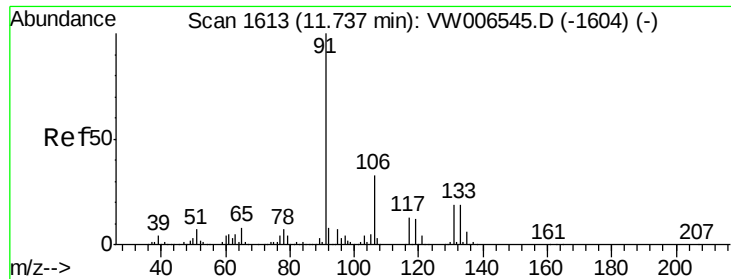
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.499 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.5	142.5
119	64.1	31.9	95.5





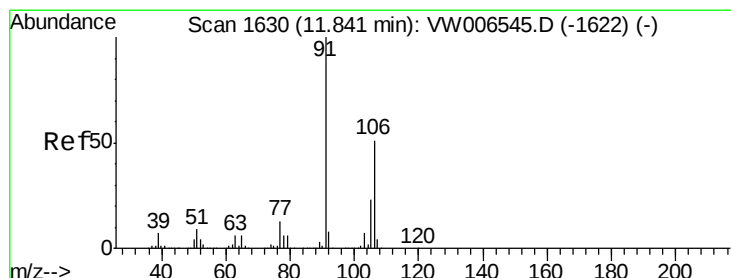
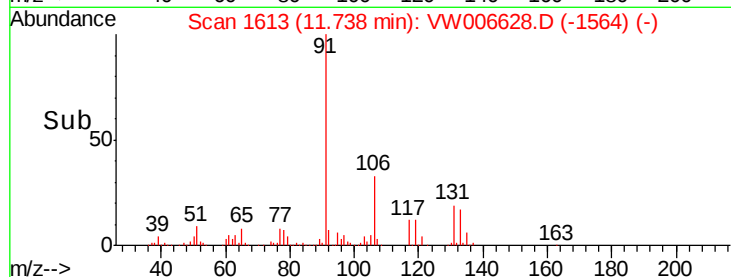
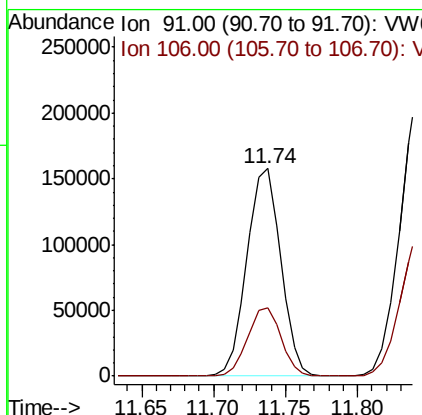
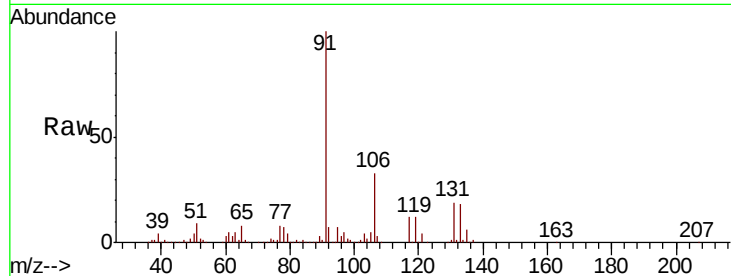
#67
Ethyl Benzene
Concen: 22.005 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion: 91 Resp: 256242
Ion Ratio Lower Upper
91 100
106 32.7 26.3 39.5

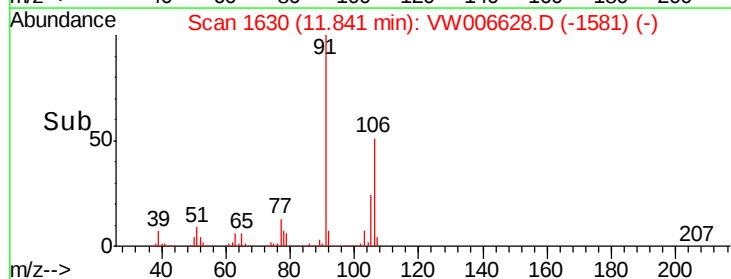
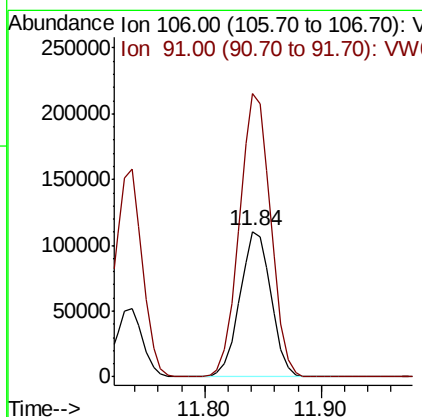
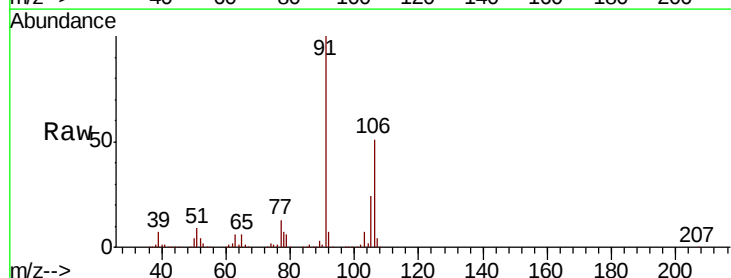
Manual Integrations
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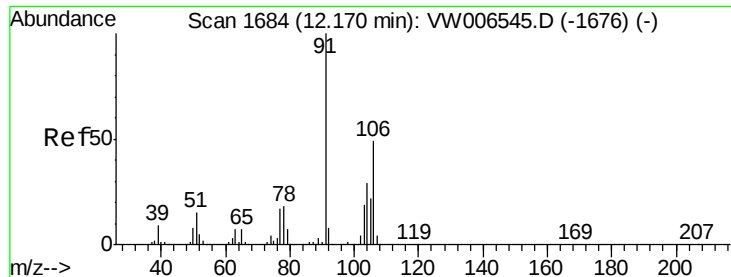
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#68
m/p-Xylenes
Concen: 44.300 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion: 106 Resp: 206095
Ion Ratio Lower Upper
106 100
91 195.3 156.7 235.1





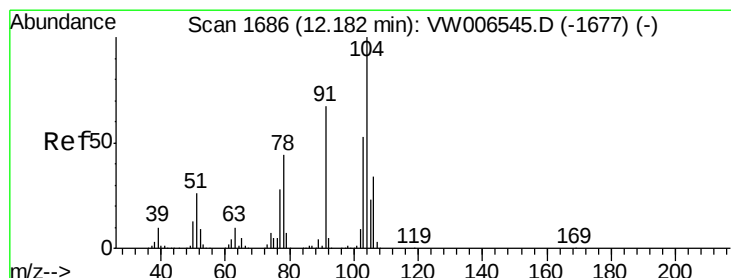
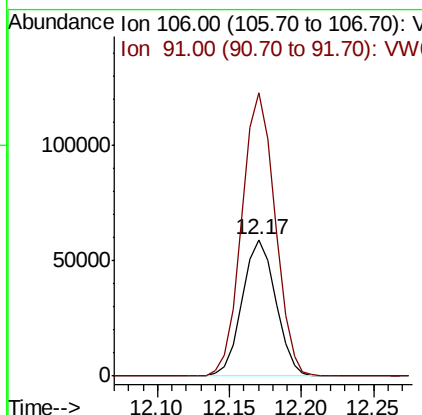
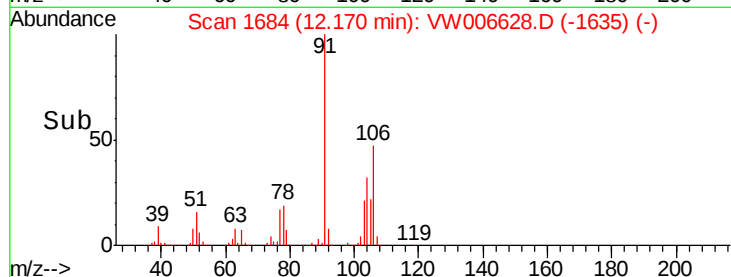
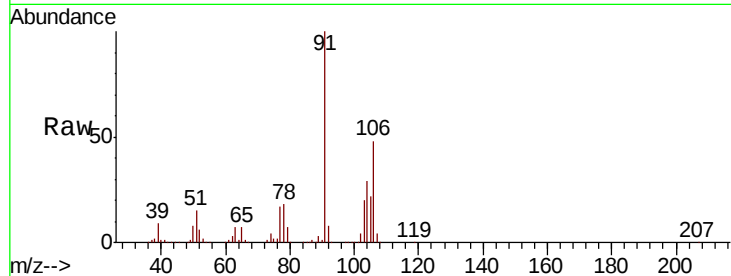
#69
o-Xylene
Concen: 21.510 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampled :
VW1105SBS01

Tot Ion:106 Resp: 95270
Ion Ratio Lower Upper
106 100
91 207.0 102.8 308.4

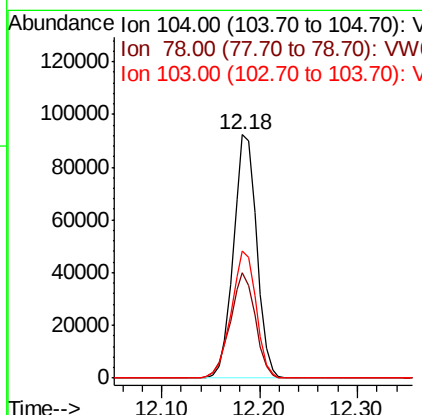
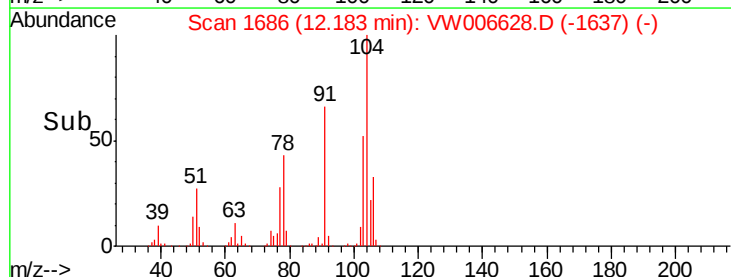
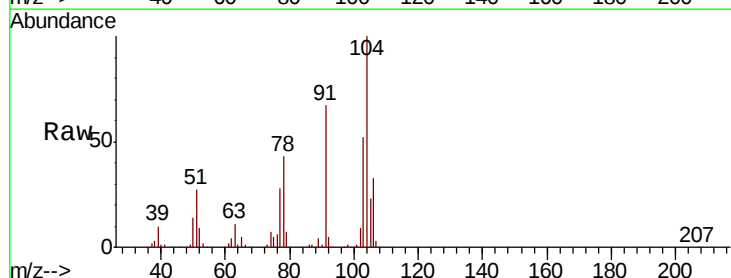
Manual Integrations
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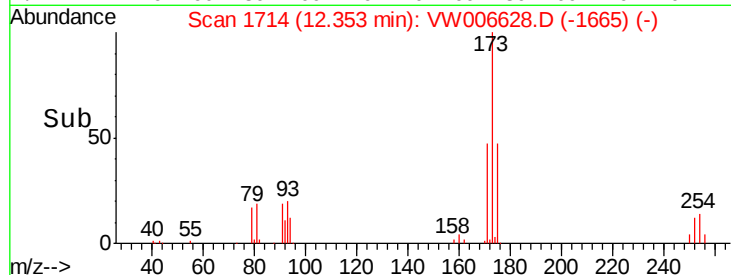
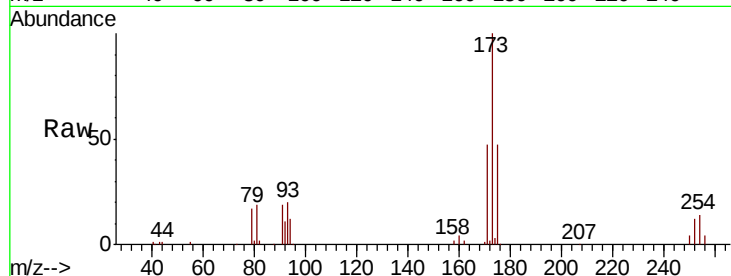
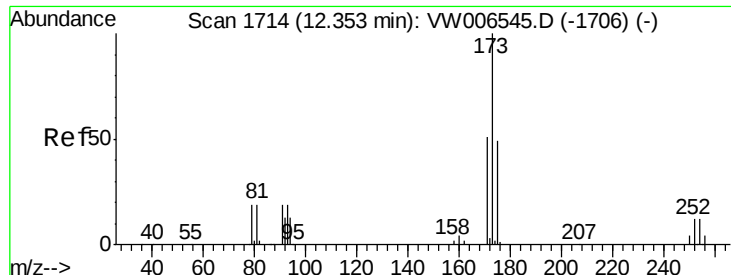
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#70
Styrene
Concen: 21.153 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion:104 Resp: 152746
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.7 44.2 66.2





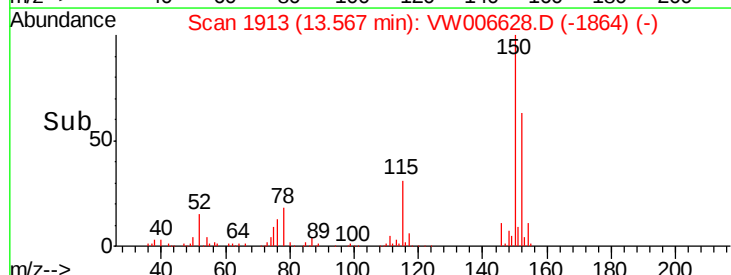
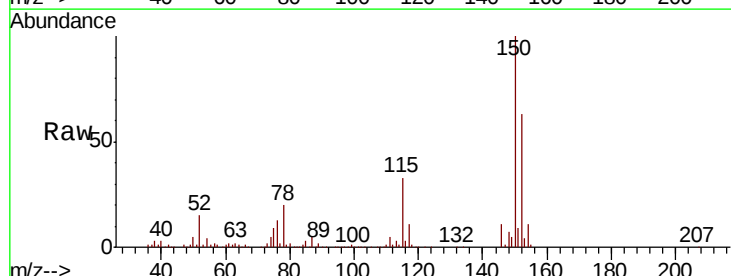
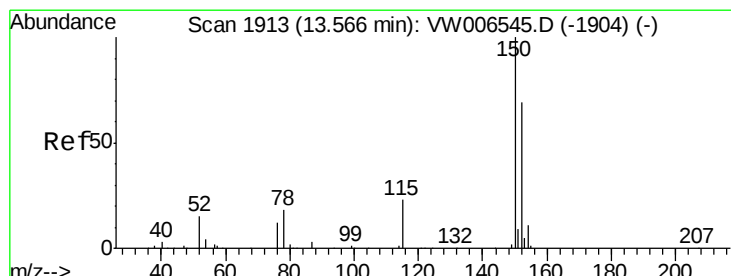
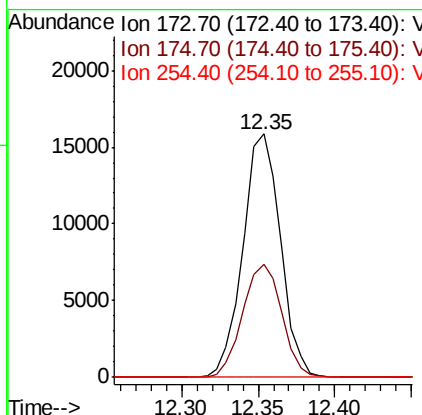
#71
Bromoform
Concen: 20.890 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.4
254	0.0	0.1	0.1#

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

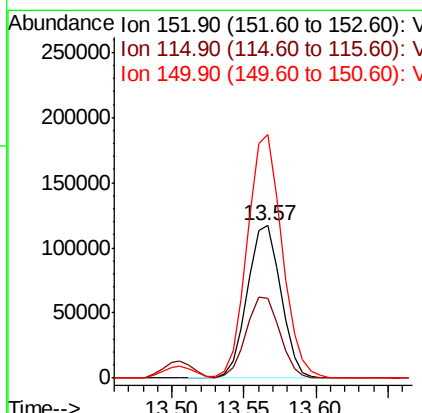
Manual Integrations
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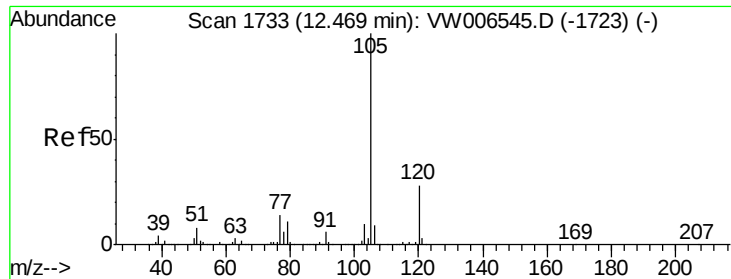
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.6	79.8
150	165.0	0.0	344.6





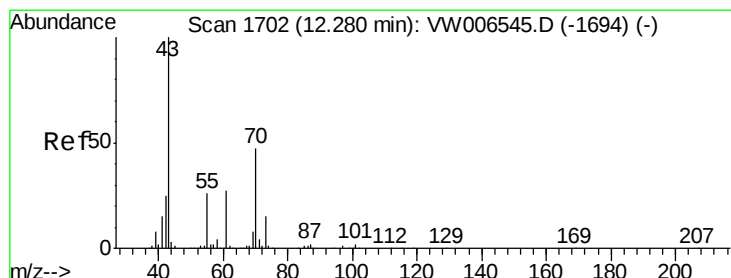
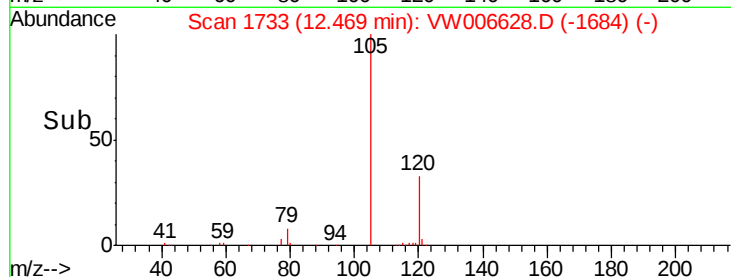
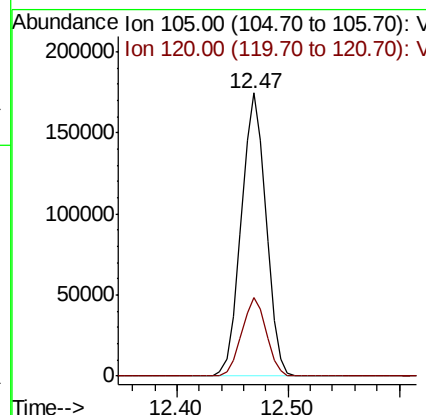
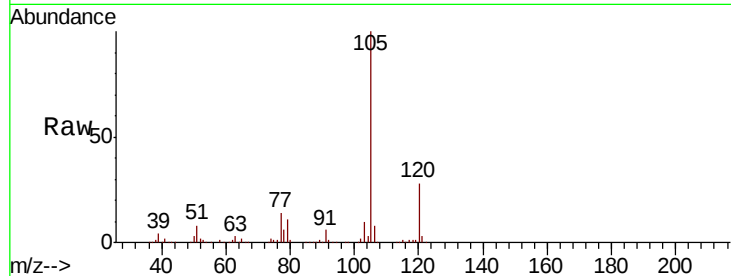
#73
Isopropylbenzene
Concen: 21.639 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.7	41.1

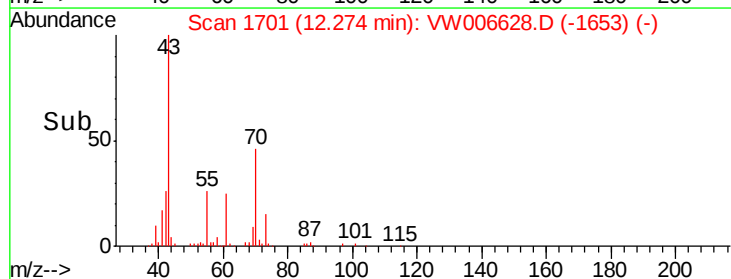
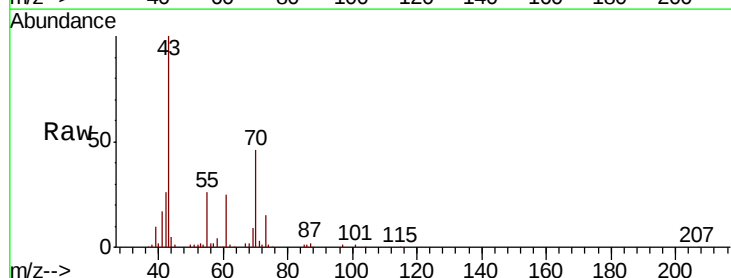
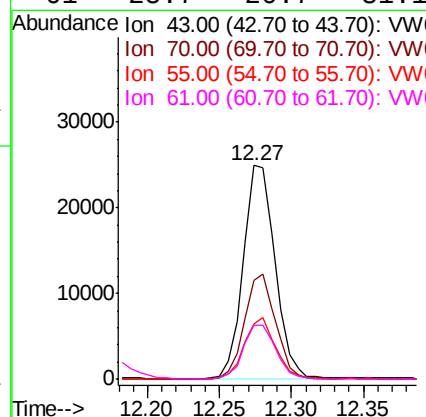
Manual Integrations
APPROVED

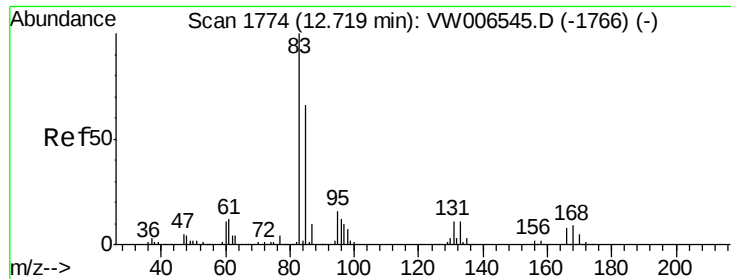
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#74
N-ethyl acetate
Concen: 17.896 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.7	36.9	55.3
55	28.0	20.7	31.1
61	25.7	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.673 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

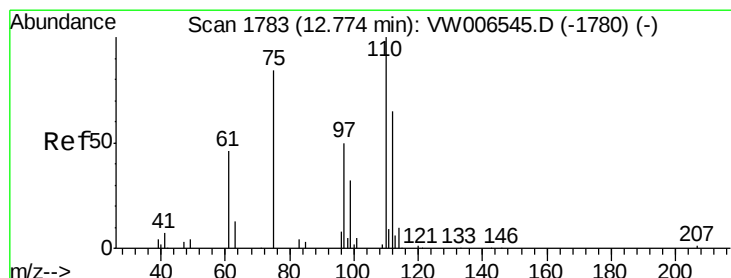
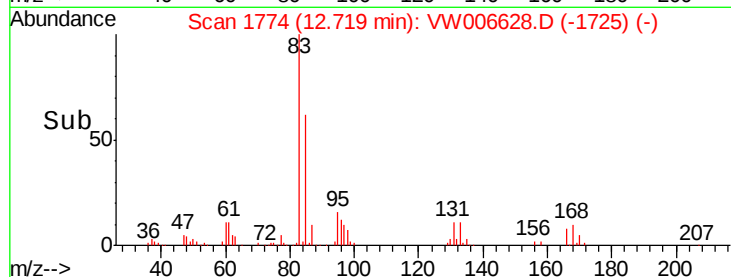
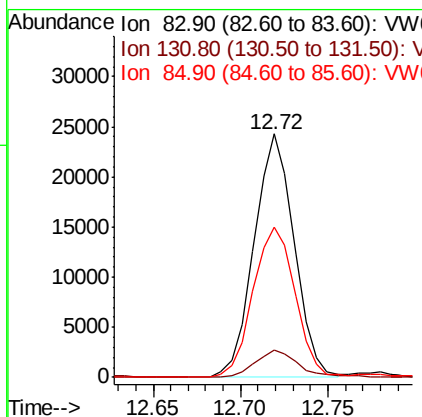
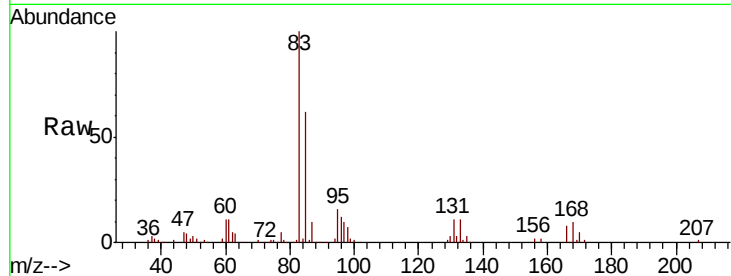
ClientSampleId :

VW1105SBS01

Tot Ion:	83	Resp:	38591
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.7
85	64.8	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 20.796 ug/l m

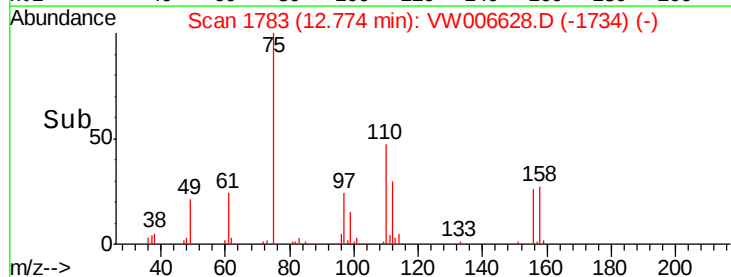
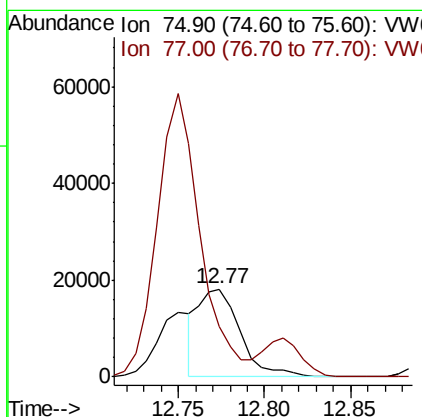
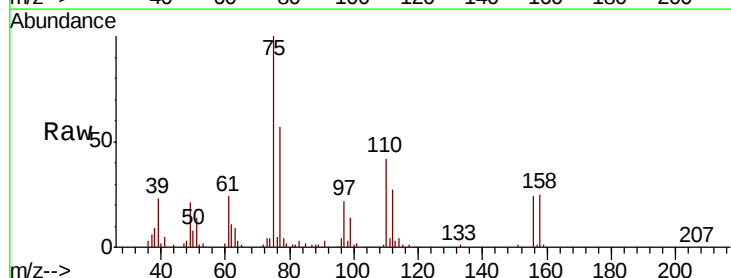
RT: 12.77 min Scan# 1783

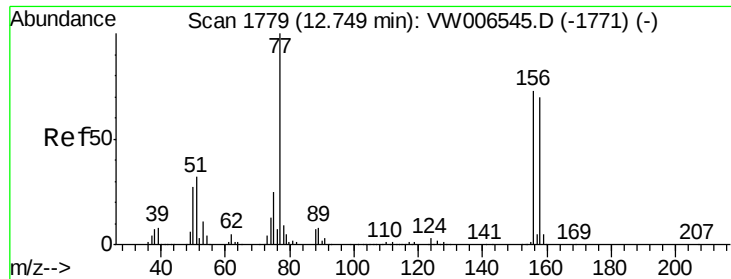
Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Tgt Ion:	75	Resp:	30591
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.162 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

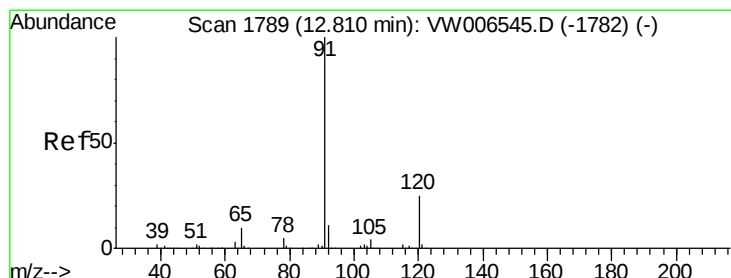
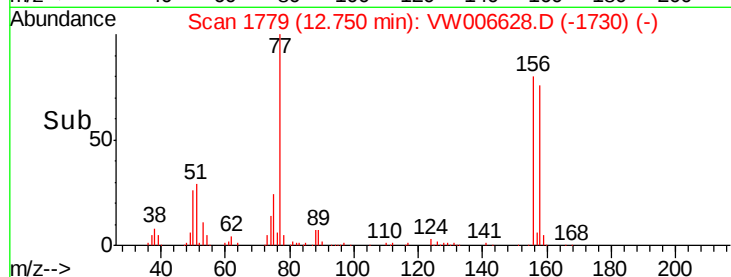
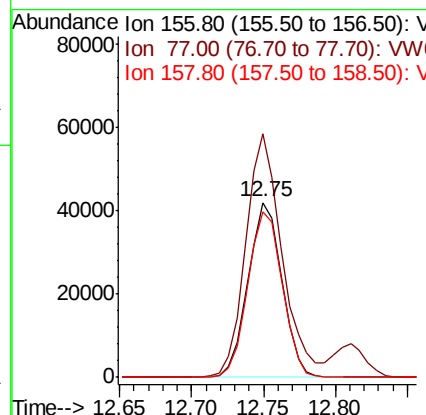
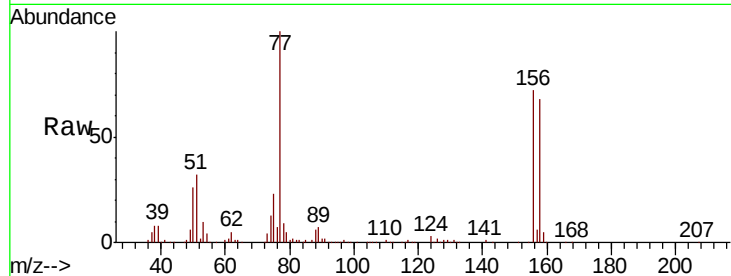
ClientSampleId :

VW1105SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.5	75.9	227.8
158	96.7	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 22.345 ug/l

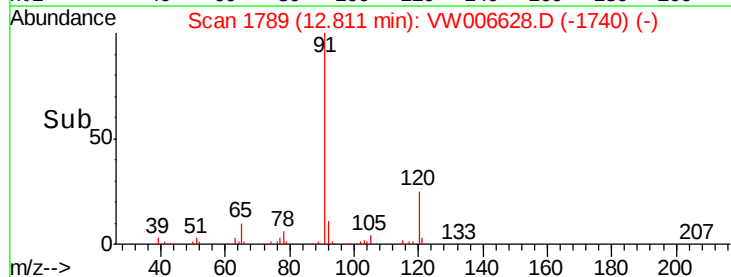
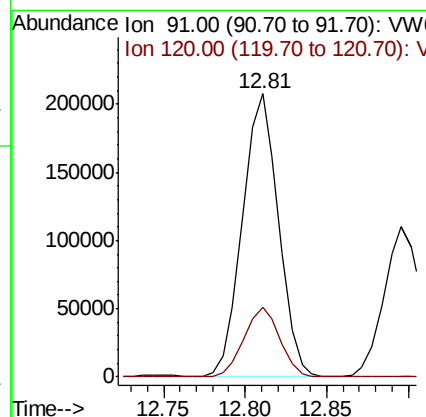
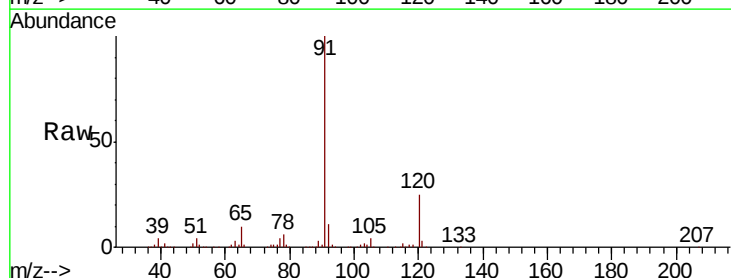
RT: 12.81 min Scan# 1789

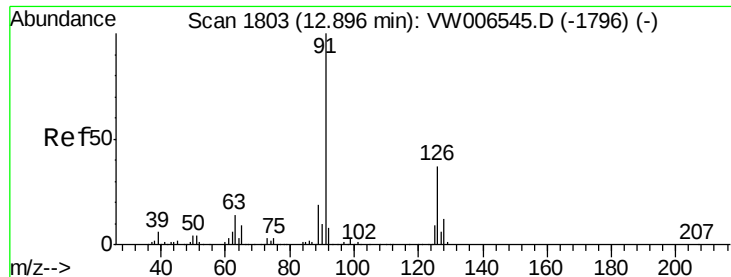
Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.4	37.0





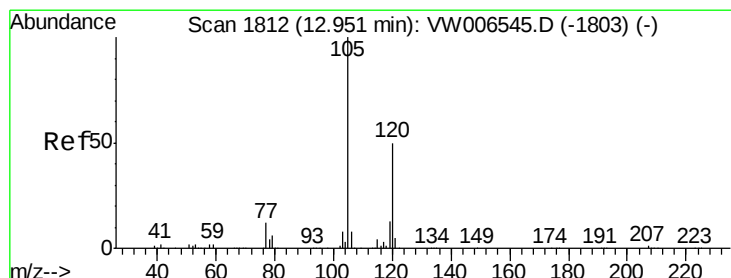
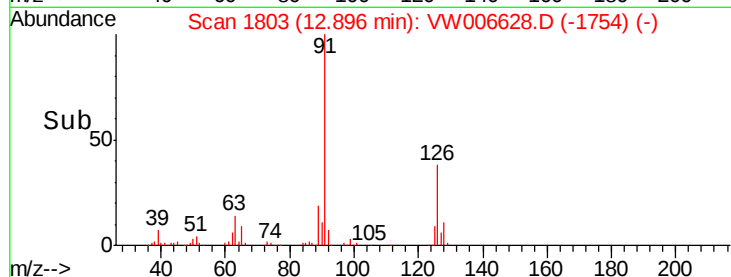
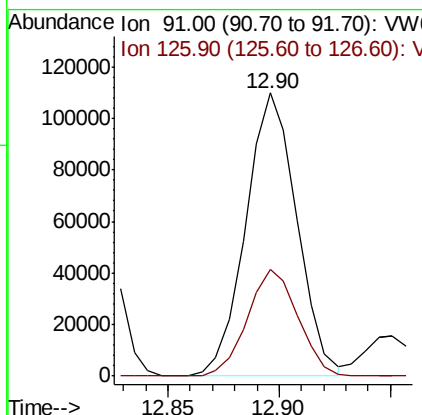
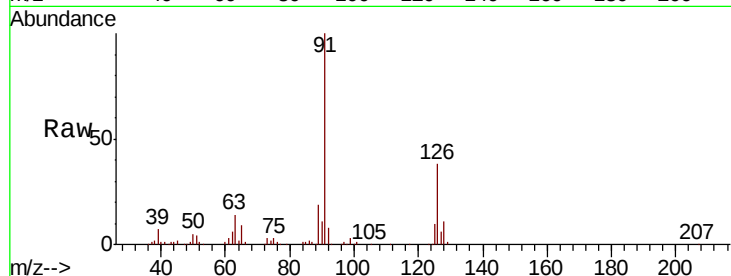
#79
 2-Chlorotoluene
 Concen: 21.246 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion: 91 Resp: 174186
 Ion Ratio Lower Upper
 91 100
 126 37.7 18.5 55.5

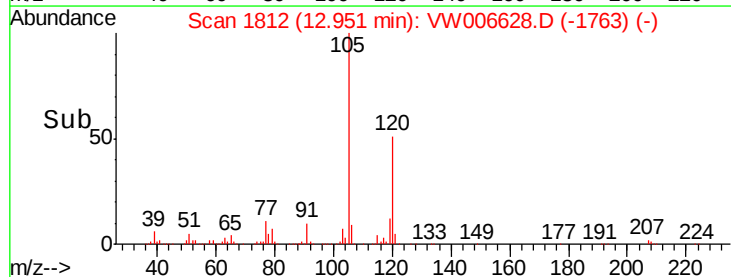
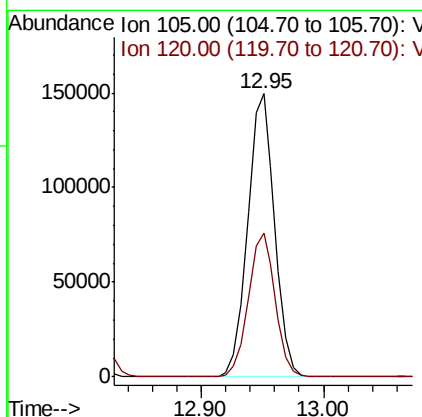
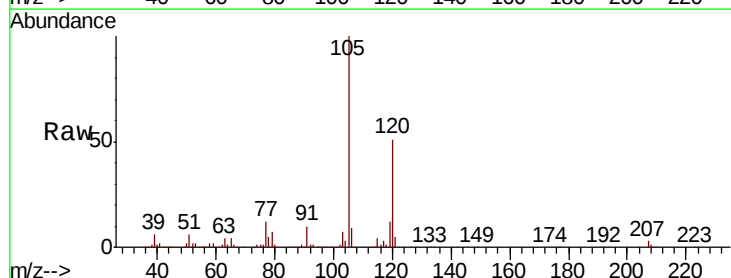
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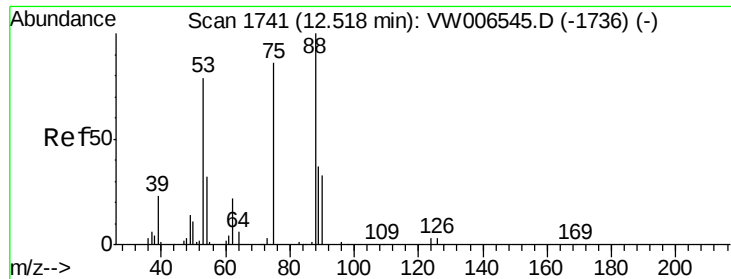
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.843 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion: 105 Resp: 227911
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.3





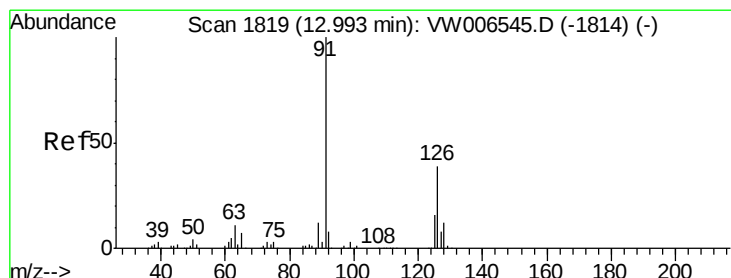
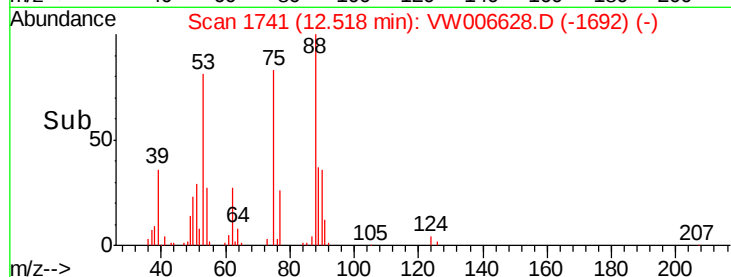
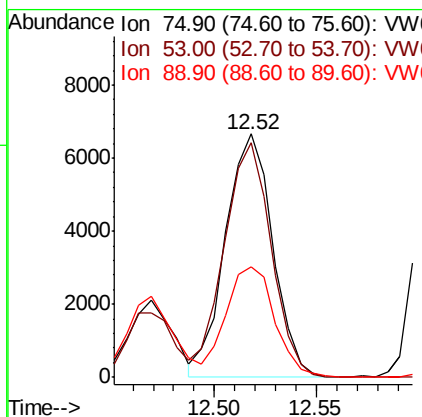
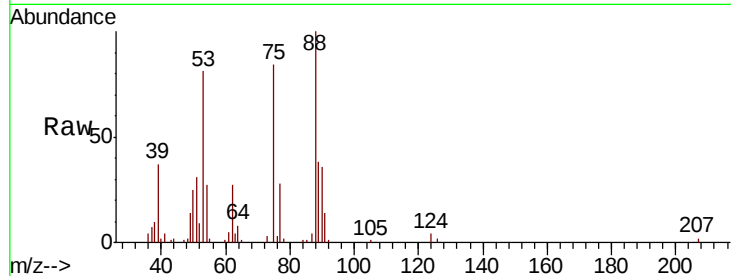
#81
trans-1,4-Dichloro-2-butene
Concen: 20.503 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.9	77.2	115.8
89	46.8	38.6	58.0

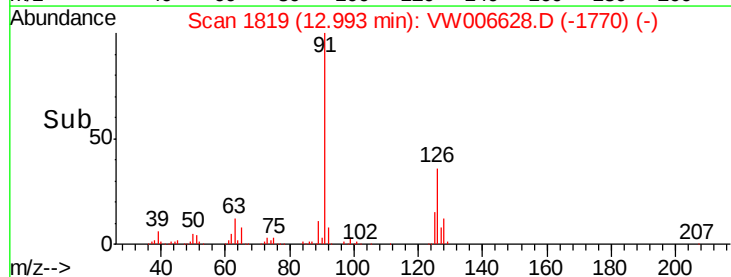
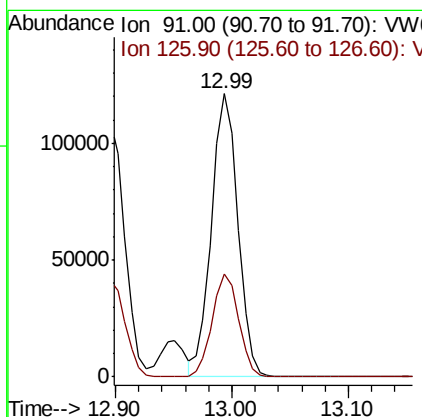
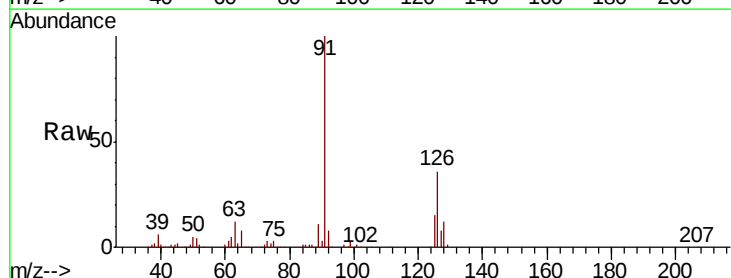
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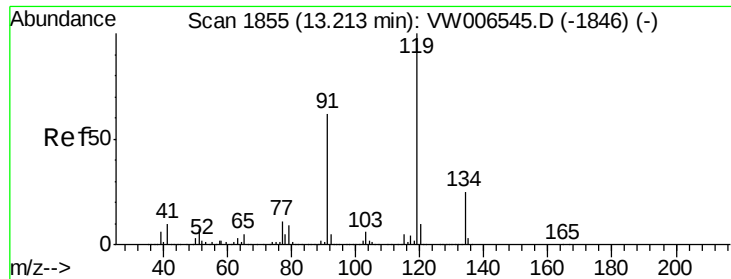
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#82
4-Chlorotoluene
Concen: 21.823 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.5	55.5





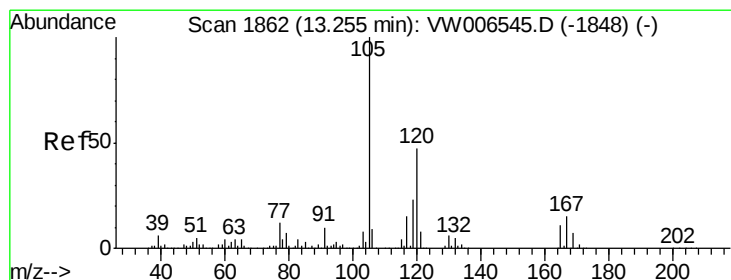
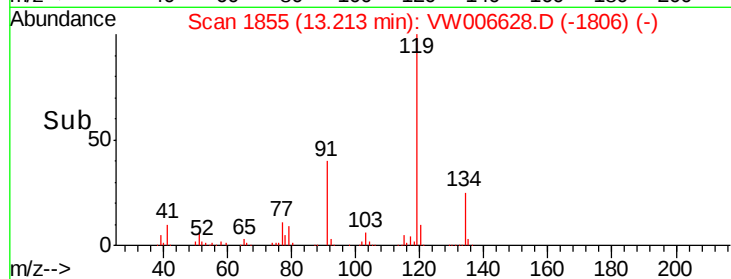
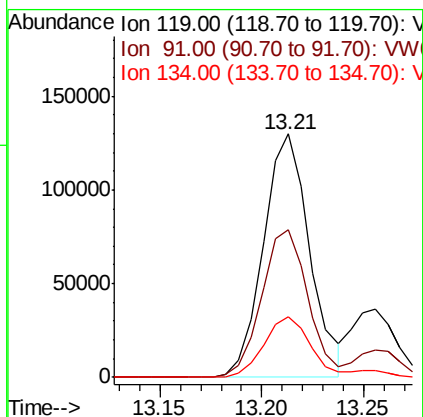
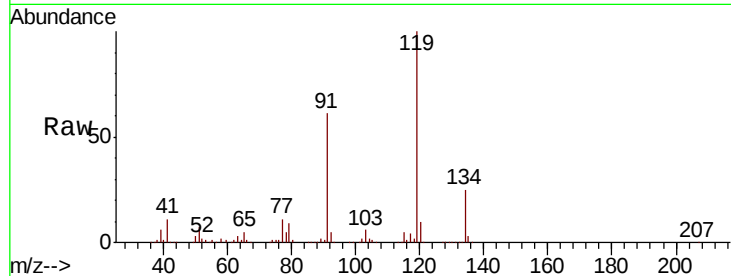
#83
tert-Butylbenzene
Concen: 22.058 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	205249		
91	60.5		30.4	91.3
134	25.3		13.5	40.4

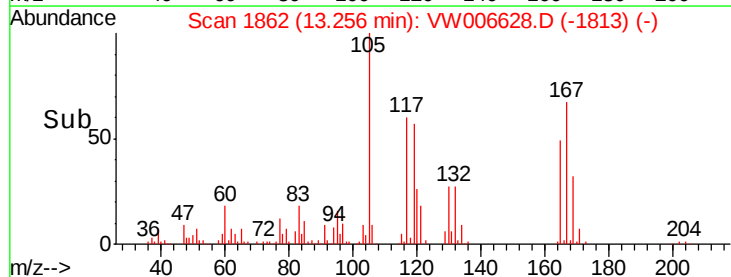
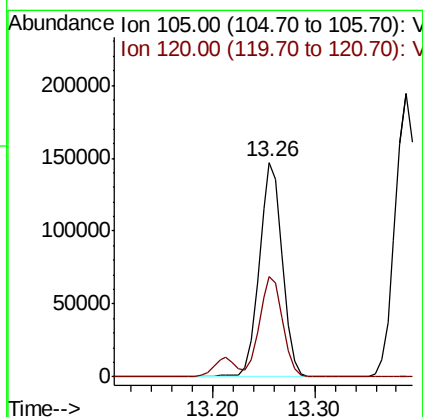
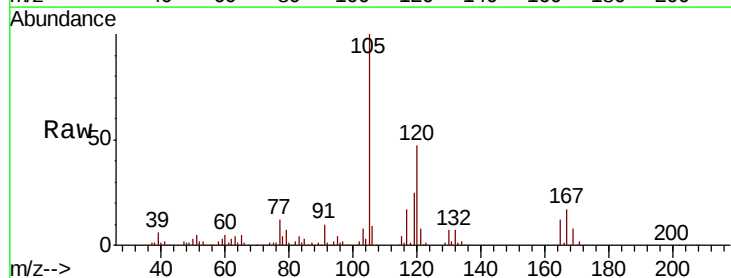
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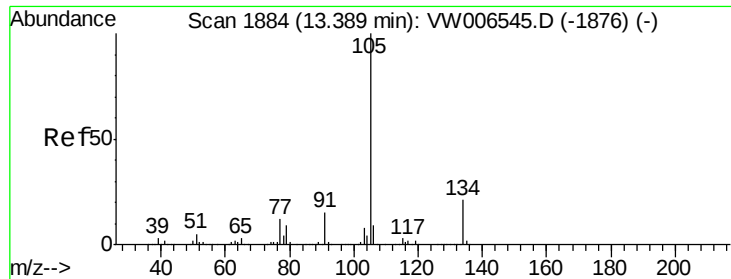
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#84
1,2,4-Trimethylbenzene
Concen: 21.625 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	231440		
120	46.6		23.2	69.6





#85

sec-Butylbenzene

Concen: 22.421 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS01

Tot Ion:105 Resp: 292187

Ion Ratio Lower Upper

105 100

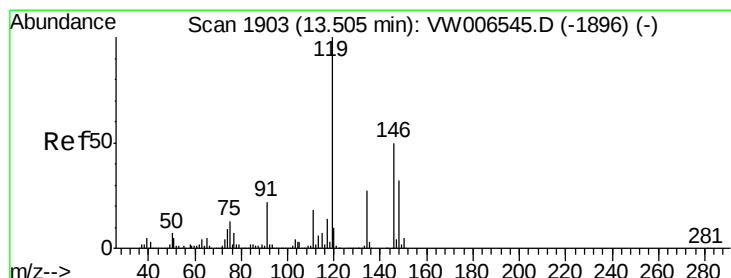
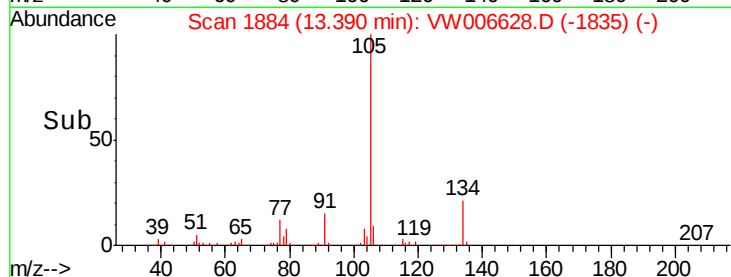
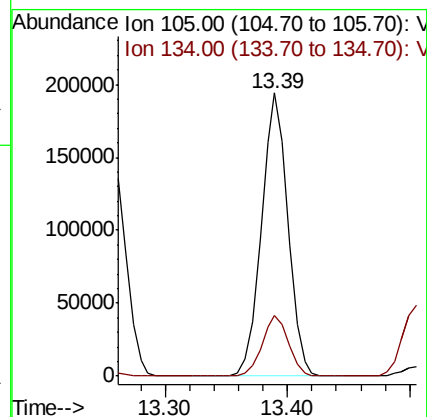
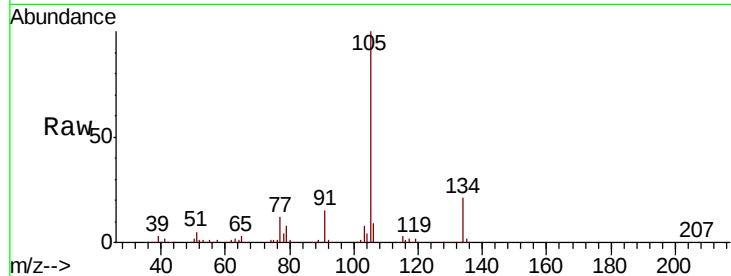
134 21.3 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 22.222 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

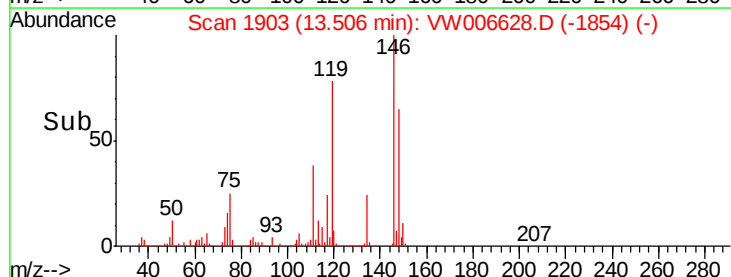
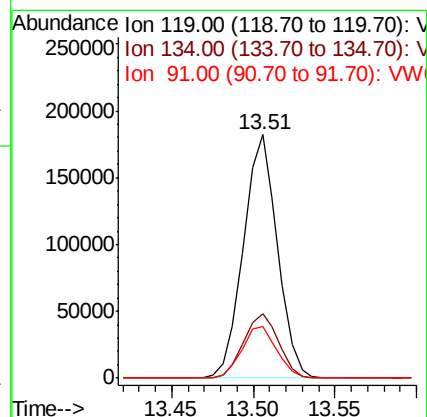
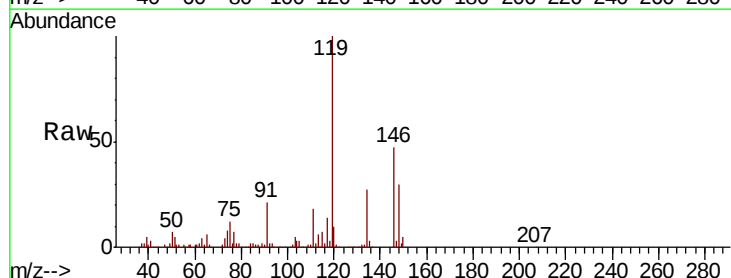
Tgt Ion:119 Resp: 263506

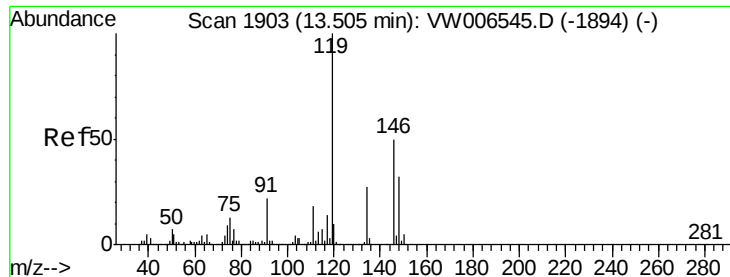
Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.7

91 22.0 10.9 32.6





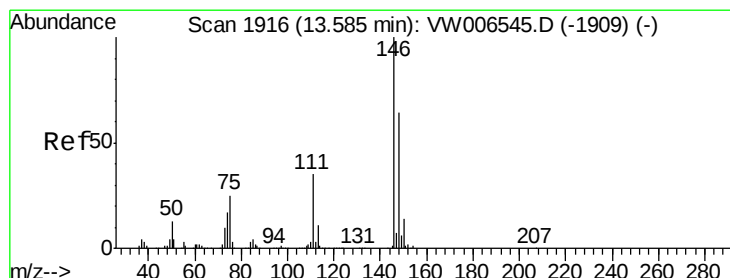
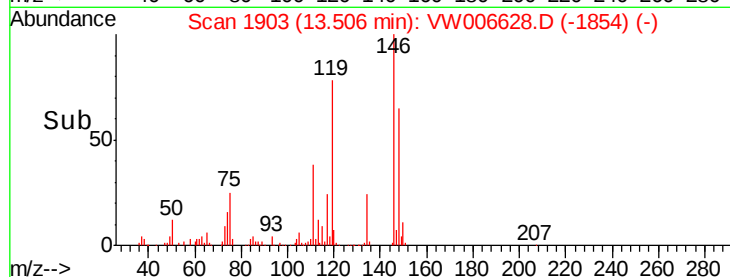
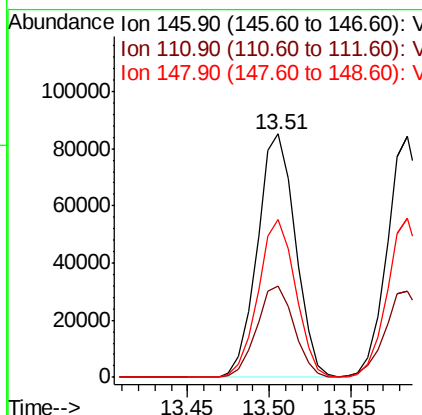
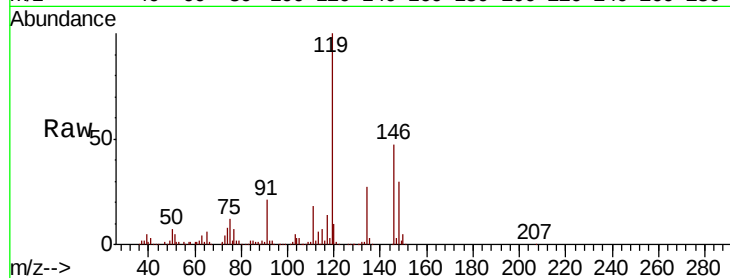
#87
 1,3-Dichlorobenzene
 Concen: 21.738 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.6
148	63.7	32.1	96.3

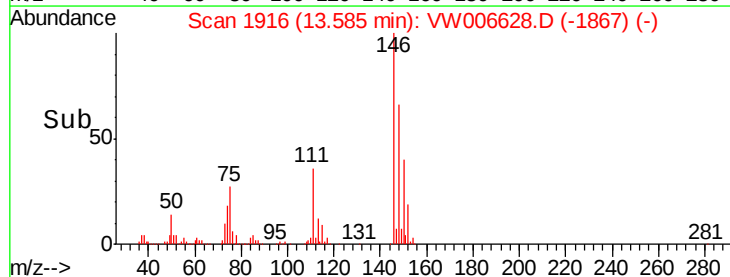
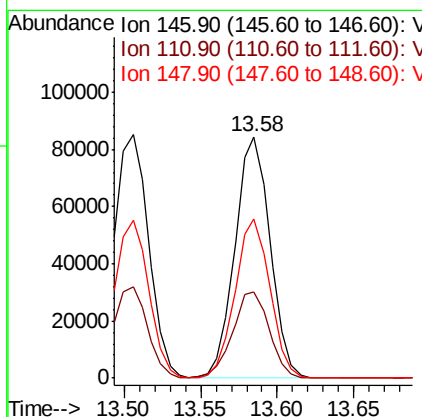
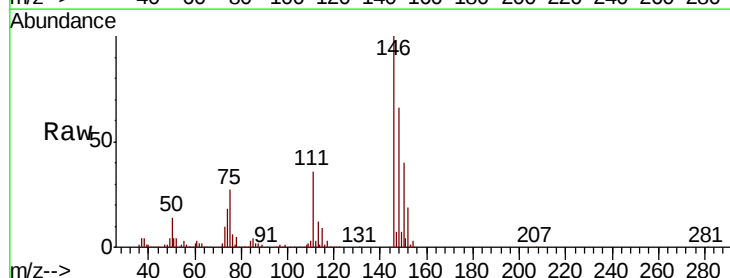
Manual Integrations
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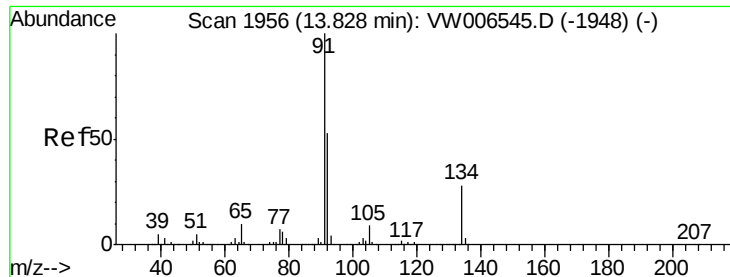
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#88
 1,4-Dichlorobenzene
 Concen: 21.443 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	17.9	53.7
148	65.3	32.1	96.5





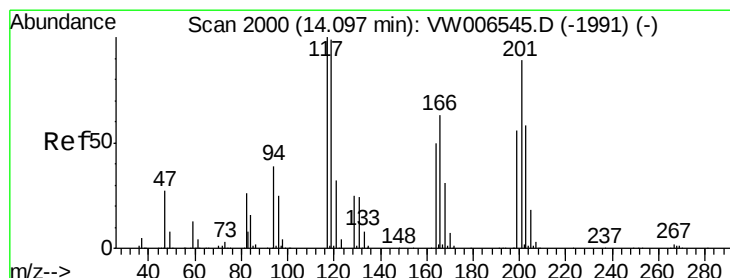
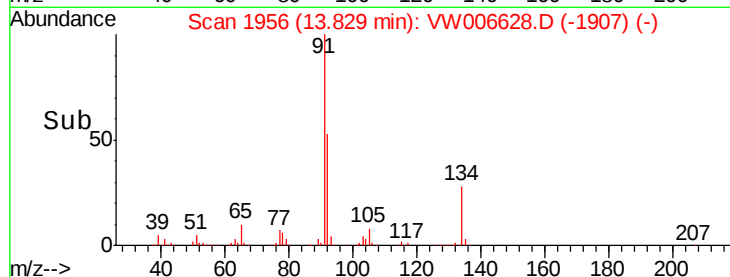
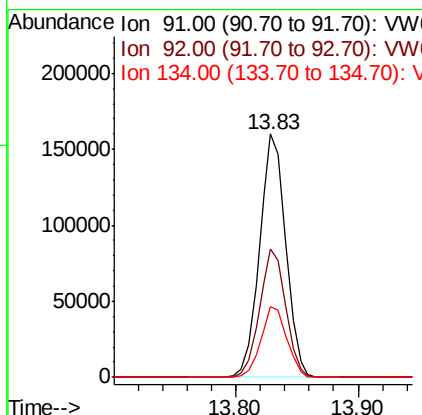
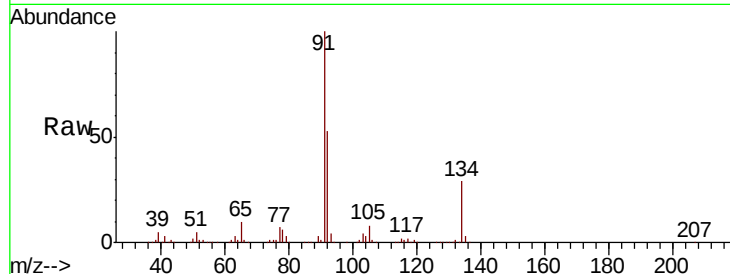
#89
n-Butylbenzene
Concen: 22.638 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.4	79.0
134	28.6	14.3	42.9

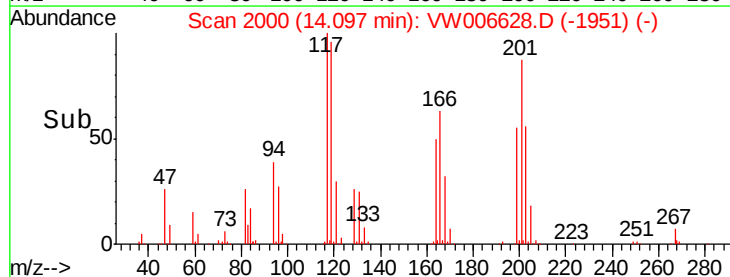
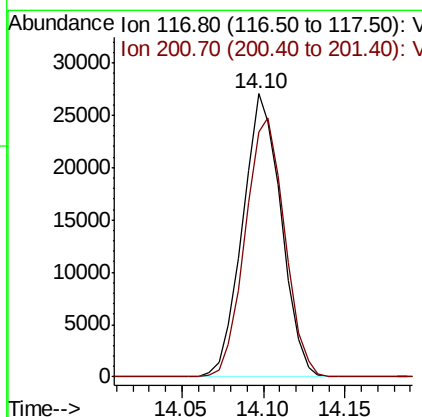
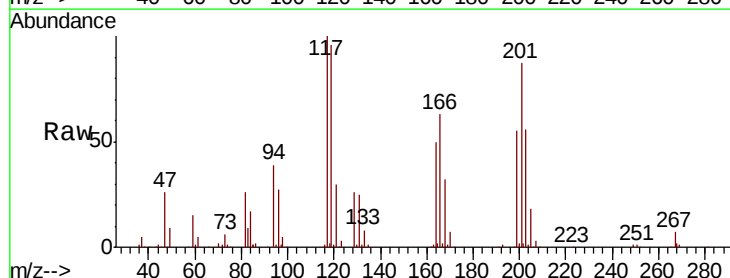
Manual Integrations
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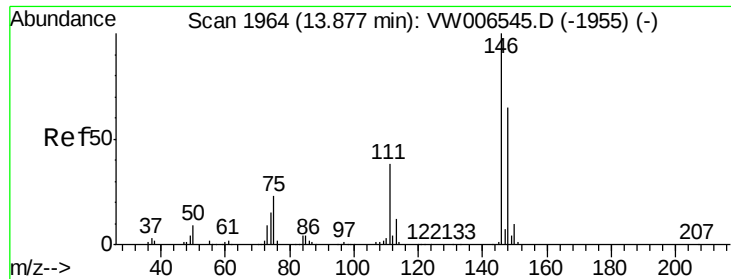
apatel
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#90
Hexachloroethane
Concen: 22.774 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.4	46.8	140.3





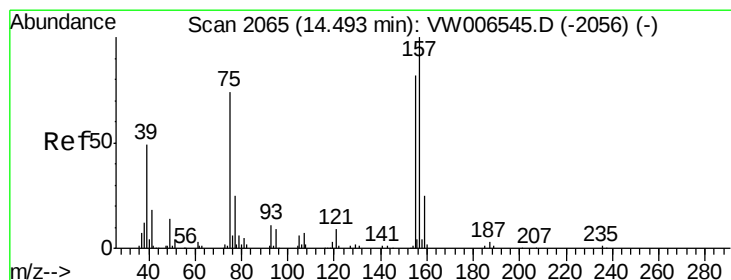
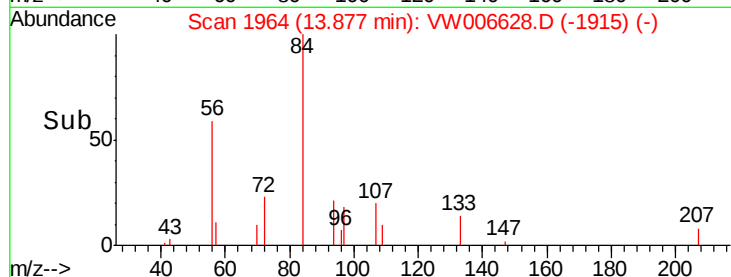
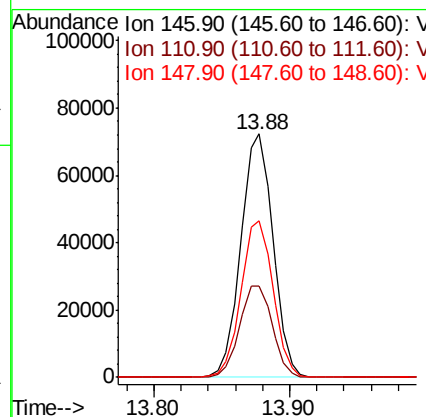
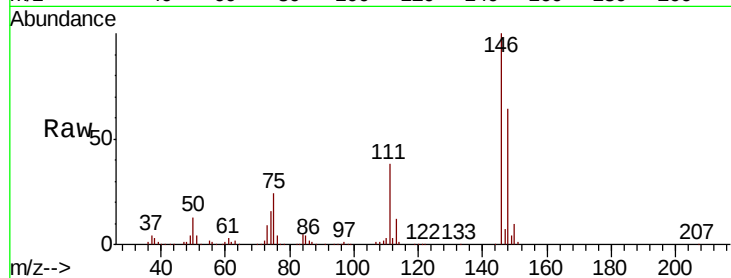
#91
 1,2-Dichlorobenzene
 Concen: 20.944 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.3	32.0	96.0

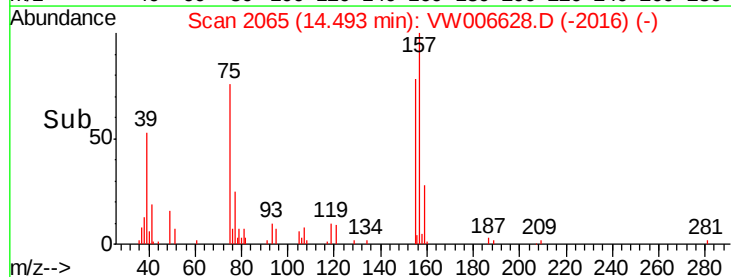
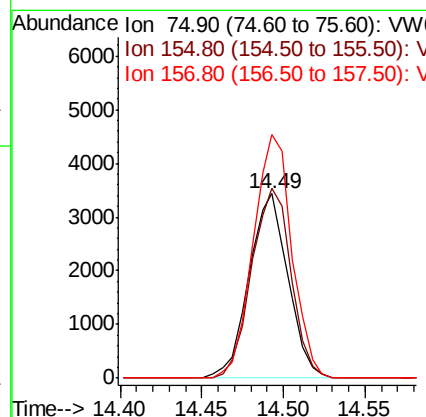
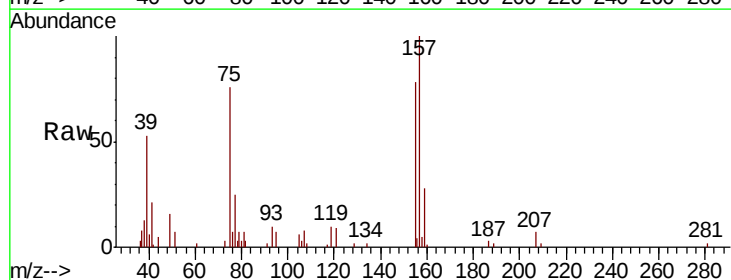
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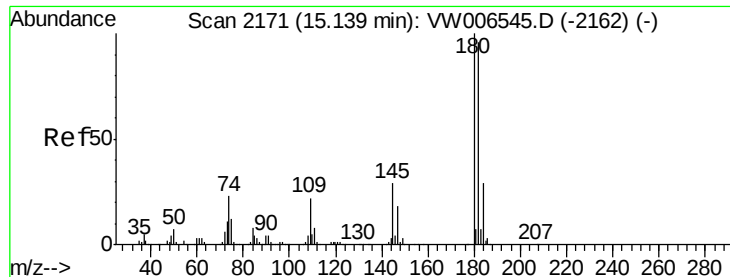
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 11/6/2018 8:13:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.871 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006628.D
 Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.8	50.6	151.8
157	130.9	65.0	195.0





#93

1,2,4-Trichlorobenzene

Concen: 21.300 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VW006628.D

Acq: 05 Nov 2018 11:49

Instrument :

MSVOA_W

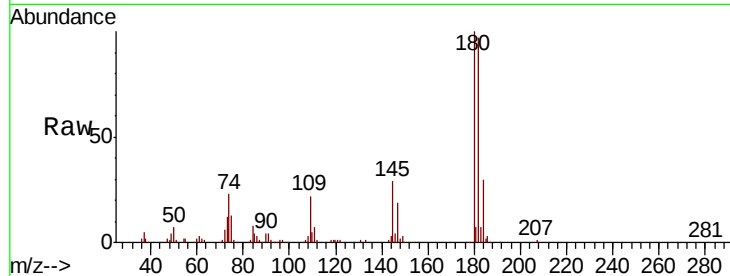
ClientSampleId :

VW1105SBS01

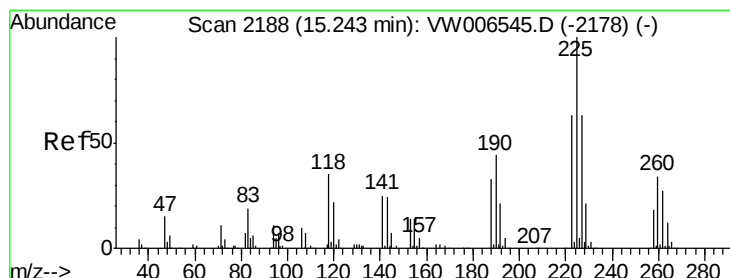
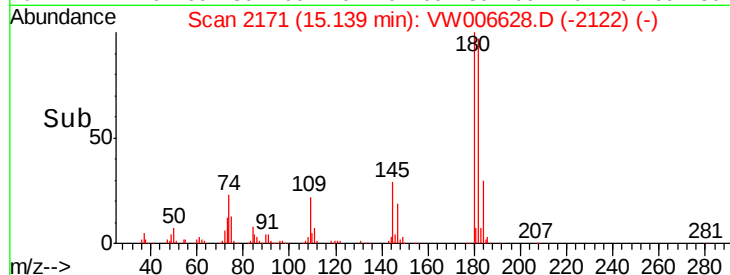
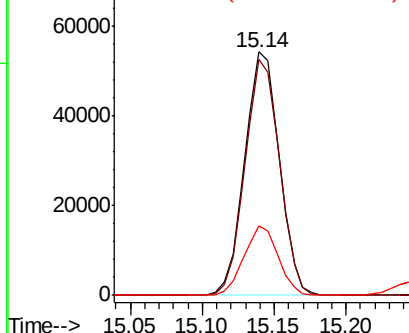
Tot Ion:	180	Resp:	90221
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.5	142.6
145	28.1	14.0	42.0

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



#94

Hexachlorobutadiene

Concen: 23.649 ug/l

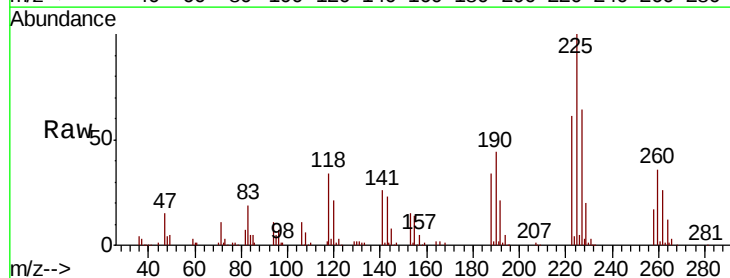
RT: 15.24 min Scan# 2188

Delta R.T. 0.00 min

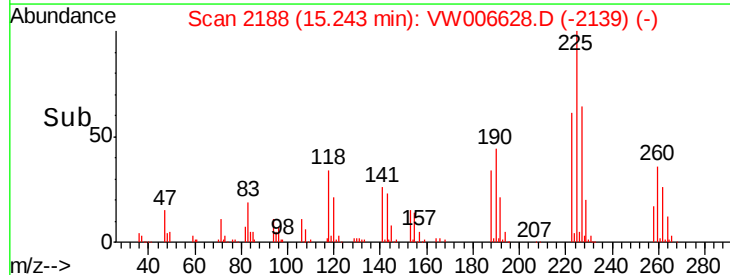
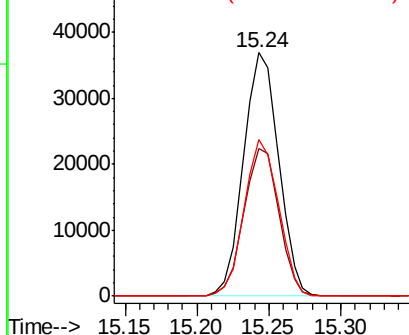
Lab File: VW006628.D

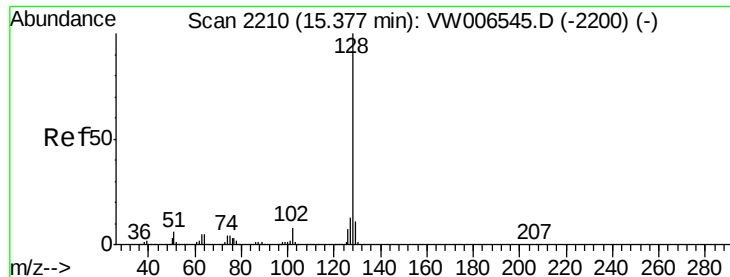
Acq: 05 Nov 2018 11:49

Tgt Ion:	225	Resp:	62430
Ion Ratio	Lower	Upper	
225	100		
223	60.5	31.4	94.2
227	62.8	32.2	96.6



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





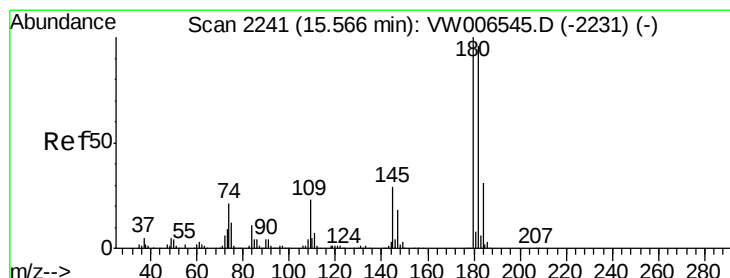
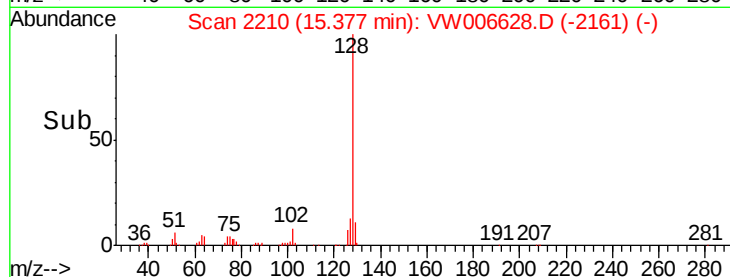
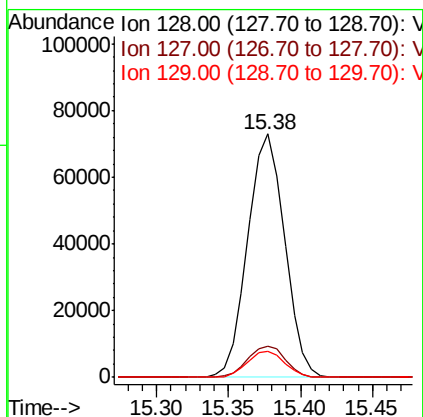
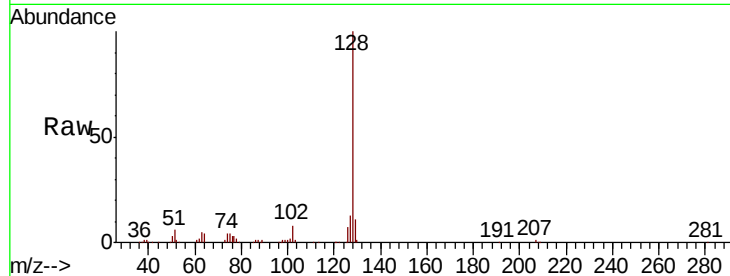
#95
Naphthalene
Concen: 19.058 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 20.854 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006628.D
Acq: 05 Nov 2018 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.2	144.6
145	29.4	14.9	44.5

