

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW006996.D
 Acq On : 21 Nov 2018 12:46
 Operator : VAY/AP
 Sample : VW1122SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Manual Integrations
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 11/26/2018 12:19:05 PM

Quant Time: Nov 21 16:36:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	62786	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	
35) Dibromofluoromethane	7.88	113	57460	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
50) Toluene-d8	10.32	98	253573	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
62) 4-Bromofluorobenzene	12.62	95	96219	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	3106	2.672	ug/l 94
3) Chloromethane	2.21	50	7466	7.706	ug/l 99
4) Vinyl Chloride	2.36	62	9807	10.289	ug/l 99
5) Bromomethane	2.78	94	8086	15.894	ug/l 89
6) Chloroethane	2.92	64	7169	13.644	ug/l 96
7) Trichlorofluoromethane	3.26	101	31537	16.826	ug/l 100
8) Diethyl Ether	3.69	74	11519	19.073	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22734	18.709	ug/l 99
10) Methyl Iodide	4.27	142	17766	12.772	ug/l 99
11) Tert butyl alcohol	5.22	59	6978	92.990	ug/l 95
12) 1,1-Dichloroethene	4.04	96	18963	17.794	ug/l 99
13) Acrolein	3.90	56	7865	102.059	ug/l 99
14) Allyl chloride	4.68	41	32913	18.620	ug/l 99
15) Acrylonitrile	5.38	53	21095	92.933	ug/l 97
16) Acetone	4.15	43	15863	94.784	ug/l 99
17) Carbon Disulfide	4.38	76	49702	14.425	ug/l 100
18) Methyl Acetate	4.68	43	11080	18.591	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	54735	19.670	ug/l 98
20) Methylene Chloride	4.92	84	29947	19.118	ug/l 99
21) trans-1,2-Dichloroethene	5.42	96	23527	18.951	ug/l 99
22) Diisopropyl ether	6.32	45	67738	19.688	ug/l 96
23) Vinyl Acetate	6.26	43	182830	100.069	ug/l 99
24) 1,1-Dichloroethane	6.22	63	40539	19.369	ug/l 98
25) 2-Butanone	7.18	43	27426	95.680	ug/l 99
26) 2,2-Dichloropropane	7.17	77	39526	21.000	ug/l 100
27) cis-1,2-Dichloroethene	7.18	96	25859	19.560	ug/l 96
28) Bromochloromethane	7.51	49	14591	18.652	ug/l 97
29) Tetrahydrofuran	7.54	42	17498	94.256	ug/l 99
30) Chloroform	7.68	83	44029	19.801	ug/l 98
31) Cyclohexane	7.96	56	44266	19.939	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	42596	21.268	ug/l 99
36) 1,1-Dichloropropene	8.08	75	37014	20.615	ug/l 98
37) Ethyl Acetate	7.26	43	12802	19.676	ug/l 100
38) Carbon Tetrachloride	8.07	117	37036	21.541	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	43849	19.516	ug/l	97
40) Benzene	8.32	78	95346	19.673	ug/l	99
41) Methacrylonitrile	7.49	41	7709	19.079	ug/l	98
42) 1,2-Dichloroethane	8.40	62	27230	19.352	ug/l	100
43) Isopropyl Acetate	8.43	43	24705	19.925	ug/l	98
44) Trichloroethene	9.09	130	28097	20.680	ug/l	100
45) 1,2-Dichloropropane	9.37	63	24594	20.586	ug/l	100
46) Dibromomethane	9.46	93	11778	19.686	ug/l	97
47) Bromodichloromethane	9.65	83	33088	20.990	ug/l	94
48) Methyl methacrylate	9.43	41	10956	18.326	ug/l	98
49) 1,4-Dioxane	9.48	88	3238	364.125	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	59398	94.797	ug/l	100
52) Toluene	10.39	92	65759	19.937	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	30516	19.984	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	36951	20.029	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	17137	19.468	ug/l	96
56) Ethyl methacrylate	10.65	69	19695	19.275	ug/l	100
57) 1,3-Dichloropropane	10.93	76	29795	20.198	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	54661	102.374	ug/l	100
59) 2-Hexanone	10.97	43	41647	97.061	ug/l	99
60) Dibromochloromethane	11.13	129	20036	19.976	ug/l	97
61) 1,2-Dibromoethane	11.24	107	16187	20.102	ug/l	98
64) Tetrachloroethene	10.87	164	22561	20.636	ug/l	95
65) Chlorobenzene	11.66	112	74012	20.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22595	21.058	ug/l	99
67) Ethyl Benzene	11.73	91	133755	20.527	ug/l	98
68) m/p-Xylenes	11.84	106	106426	41.631	ug/l	99
69) o-Xylene	12.17	106	49349	20.472	ug/l	99
70) Styrene	12.18	104	79824	20.806	ug/l	99
71) Bromoform	12.35	173	10190	20.160	ug/l #	99
73) Isopropylbenzene	12.47	105	138256	21.074	ug/l	99
74) N-amyl acetate	12.27	43	21890	19.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	17246	19.753	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10888m	16.415	ug/l	
77) Bromobenzene	12.75	156	28804	20.442	ug/l	98
78) n-propylbenzene	12.81	91	167326	21.056	ug/l	99
79) 2-Chlorotoluene	12.90	91	94359	20.593	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	117925	20.786	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5248	19.863	ug/l	96
82) 4-Chlorotoluene	12.99	91	99467	20.686	ug/l	100
83) tert-Butylbenzene	13.21	119	103117	20.994	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	117225	20.740	ug/l	100
85) sec-Butylbenzene	13.39	105	145023	20.900	ug/l	100
86) p-Isopropyltoluene	13.51	119	127805	20.878	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	59525	20.692	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	58848	20.518	ug/l	99
89) n-Butylbenzene	13.83	91	120976	21.000	ug/l	100
90) Hexachloroethane	14.10	117	18683	20.905	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	51780	20.543	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3053	20.704	ug/l	87

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VW1122SBS01

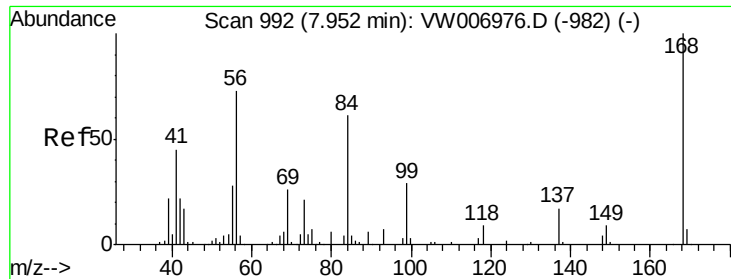
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32779	19.721	ug/l	99
94) Hexachlorobutadiene	15.24	225	18606	20.591	ug/l	99
95) Naphthalene	15.38	128	57073	18.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	27110	19.660	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion:168 Resp: 117741

Ion Ratio Lower Upper

168 100

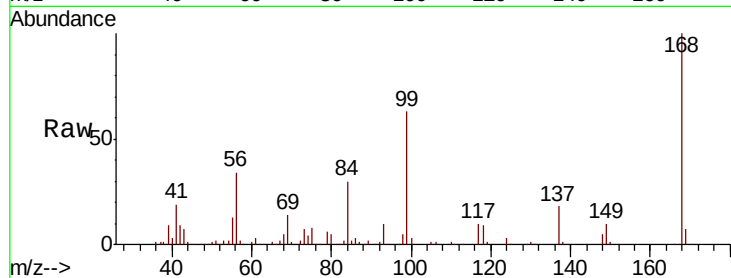
99 62.5 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

20000

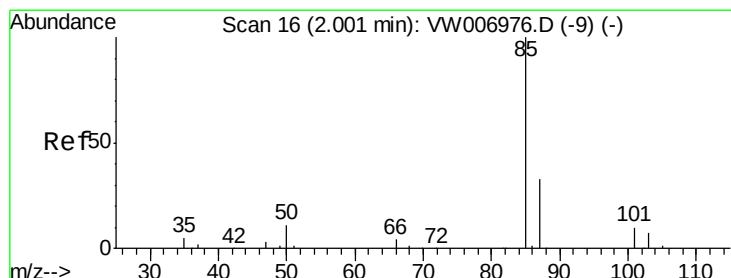
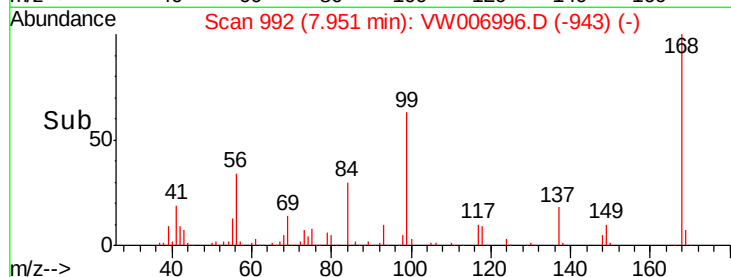
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 2.672 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006996.D

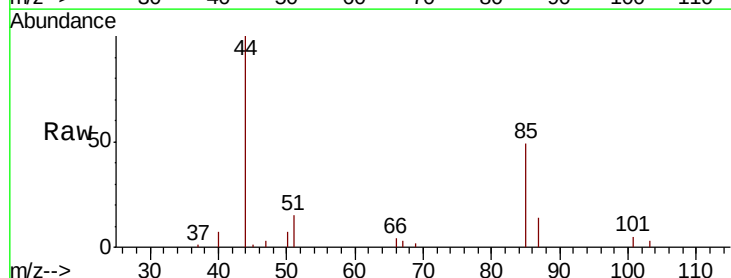
Acq: 21 Nov 2018 12:46

Tgt Ion: 85 Resp: 3106

Ion Ratio Lower Upper

85 100

87 29.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2000

1500

1000

500

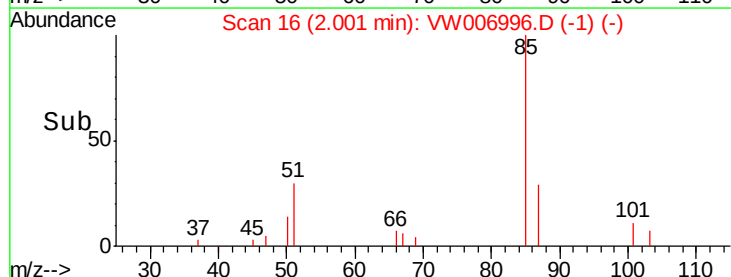
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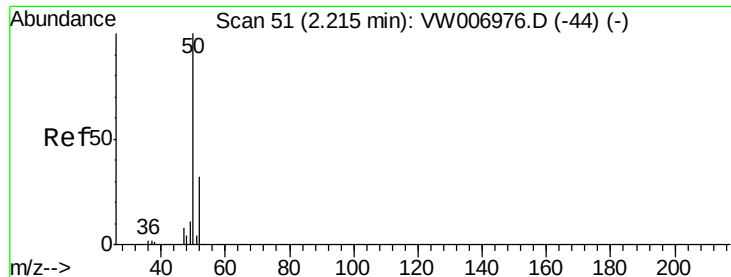
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 7.706 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 50 Resp: 7466

Ion Ratio Lower Upper

50 100

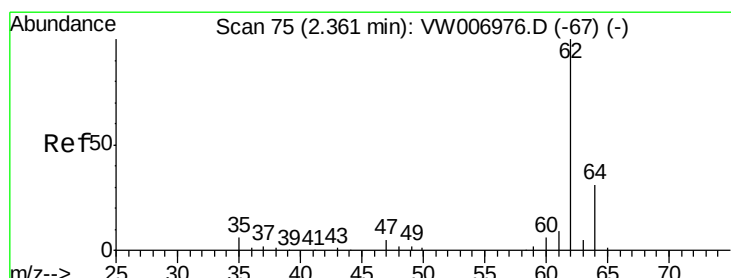
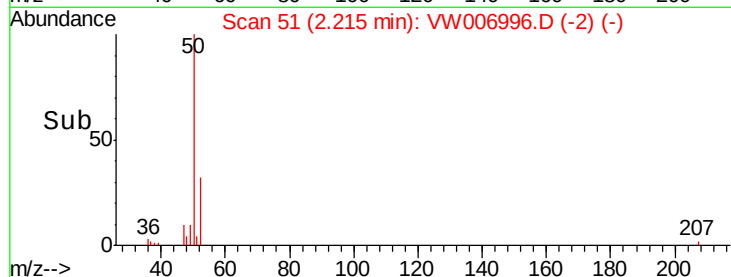
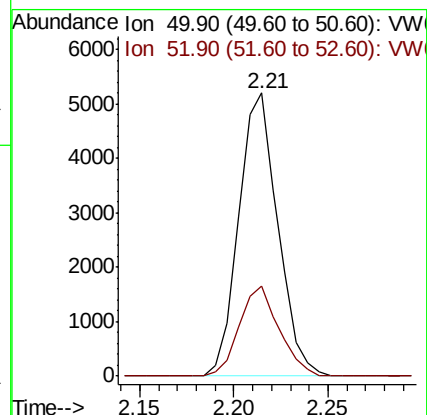
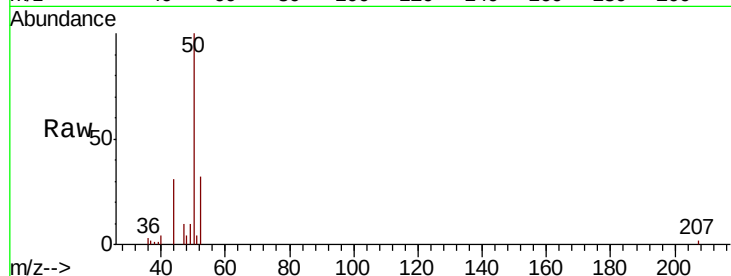
52 31.7 25.7 38.5

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#4

Vinyl Chloride

Concen: 10.289 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006996.D

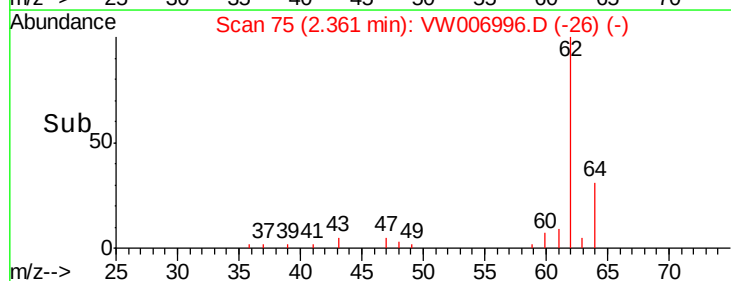
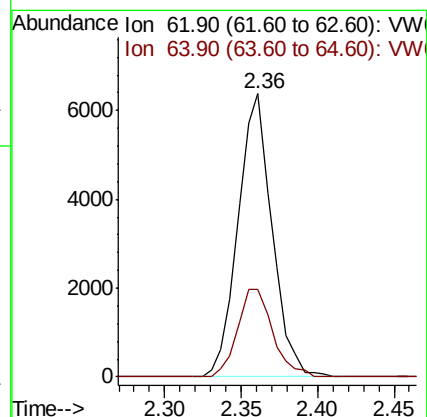
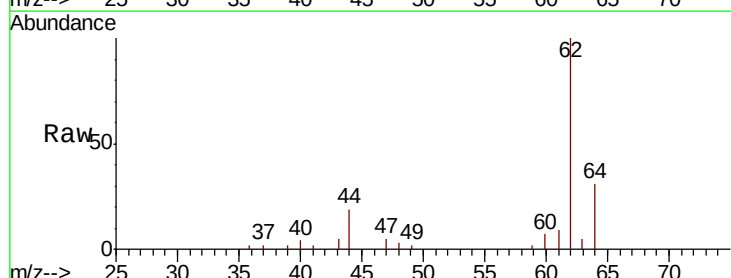
Acq: 21 Nov 2018 12:46

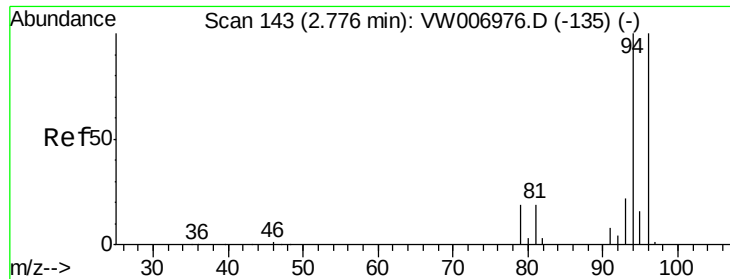
Tgt Ion: 62 Resp: 9807

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 15.894 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 94 Resp: 8086

Ion Ratio Lower Upper

94 100

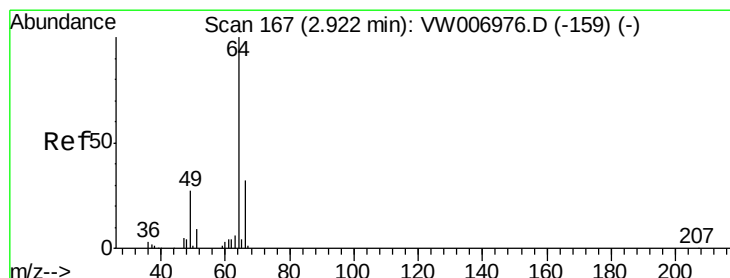
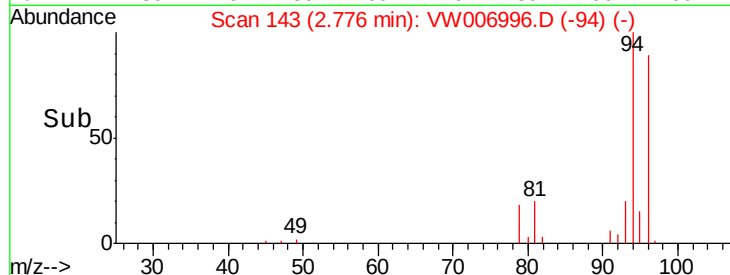
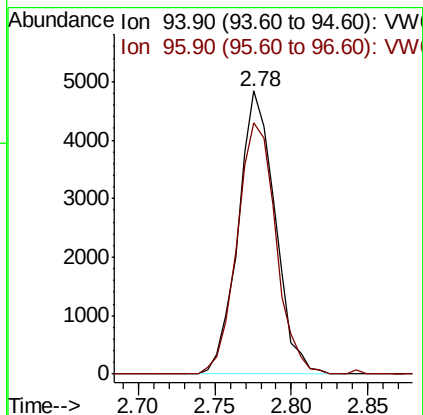
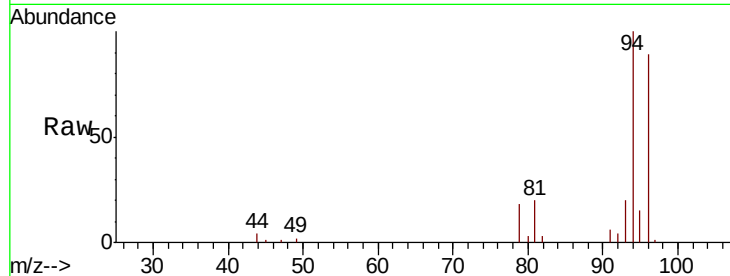
96 89.0 80.2 120.2

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#6

Chloroethane

Concen: 13.644 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006996.D

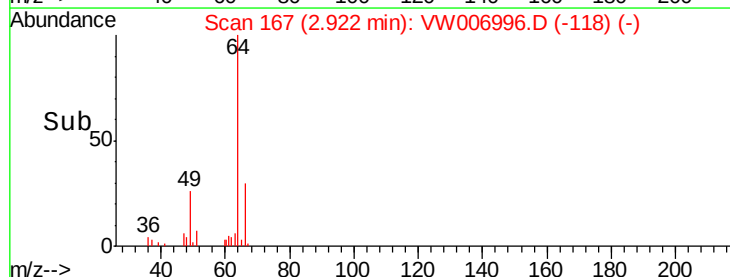
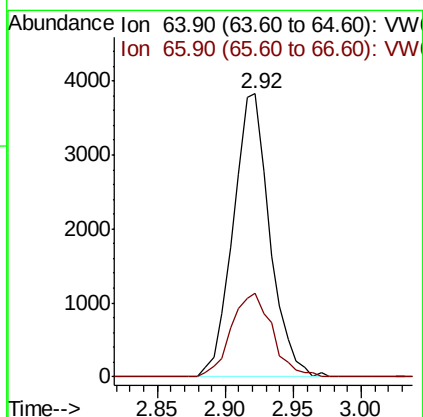
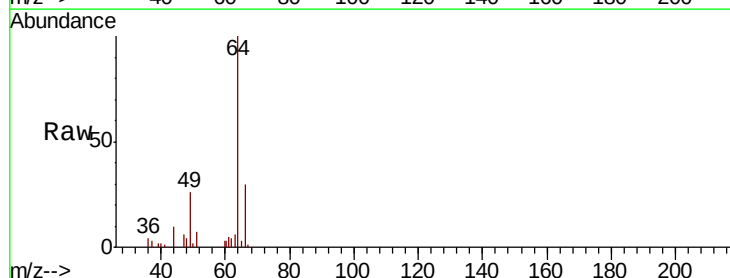
Acq: 21 Nov 2018 12:46

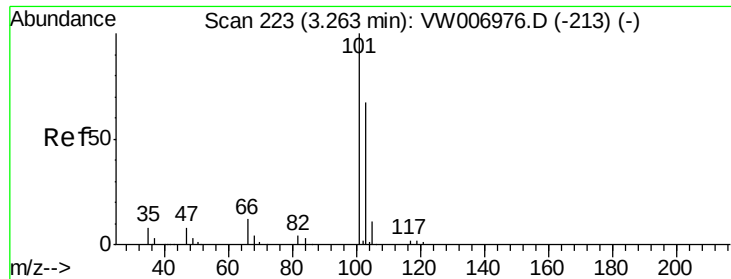
Tgt Ion: 64 Resp: 7169

Ion Ratio Lower Upper

64 100

66 29.6 25.3 37.9





#7

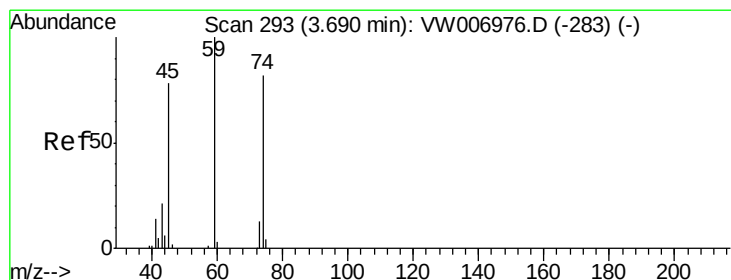
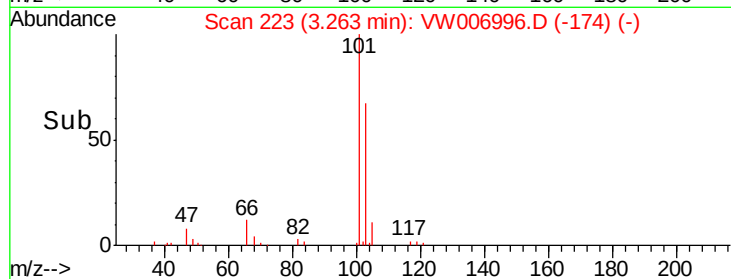
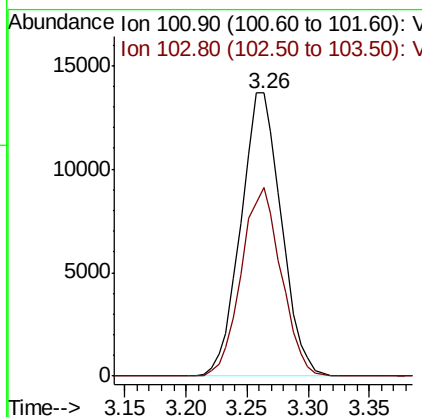
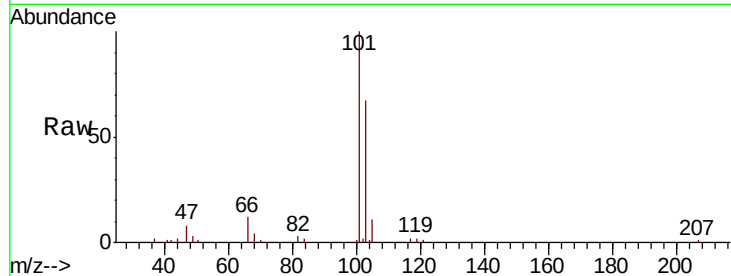
Trichlorofluoromethane
Concen: 16.826 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

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ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	53.4	80.2

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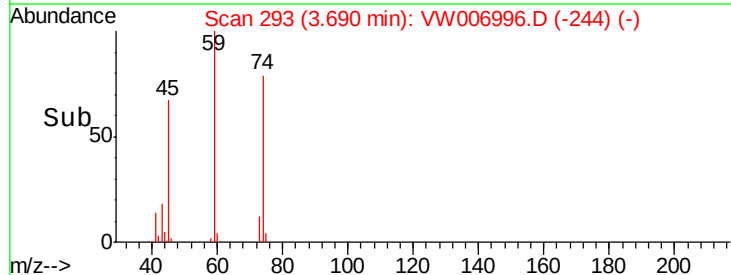
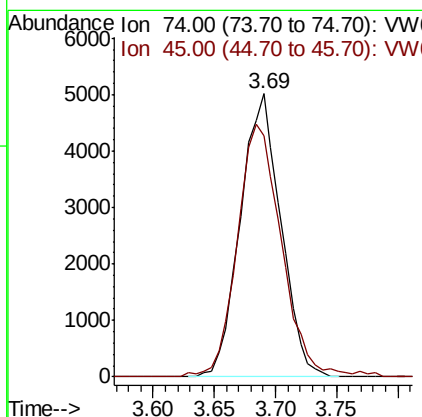
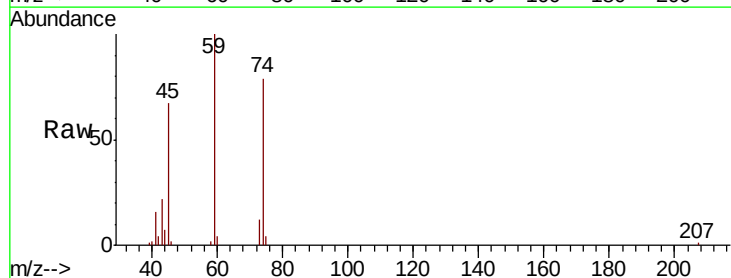
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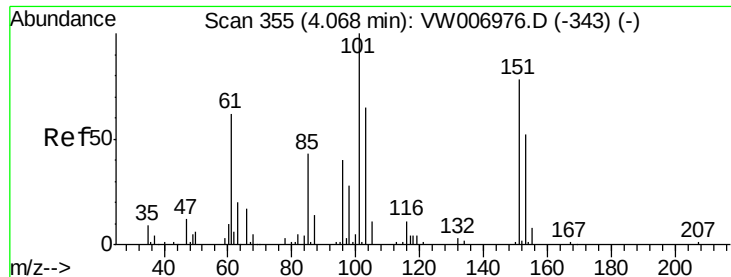


#8

Diethyl Ether
Concen: 19.073 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.709 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

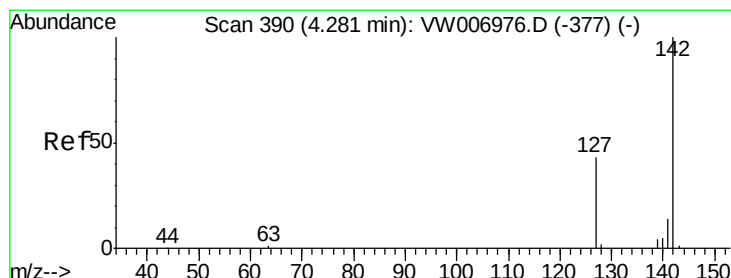
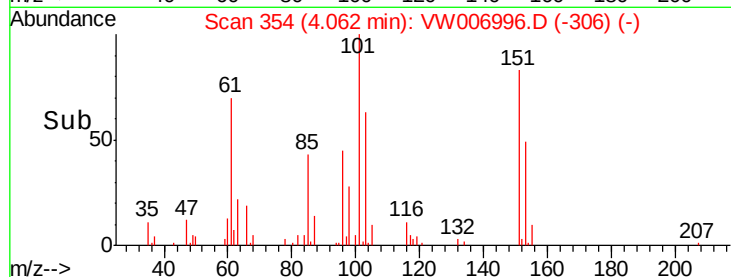
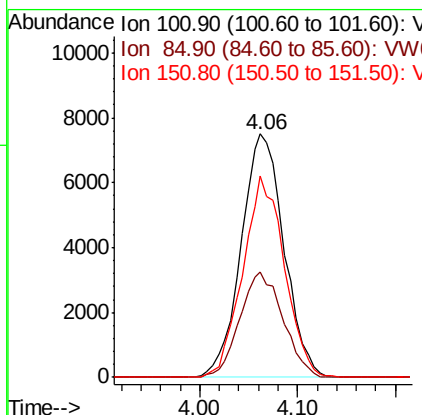
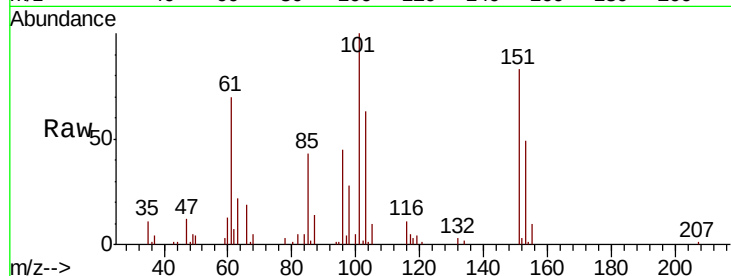
ClientSampleId :

VW1122SBS01

Tot Ion:	101	Resp:	22734
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.3	51.5
151	80.4	63.4	95.2

Manual Integrations
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#10

Methyl Iodide

Concen: 12.772 ug/l

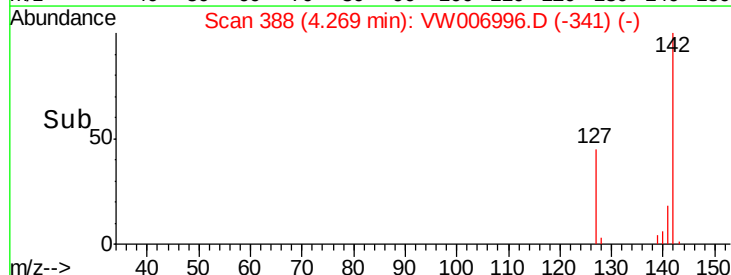
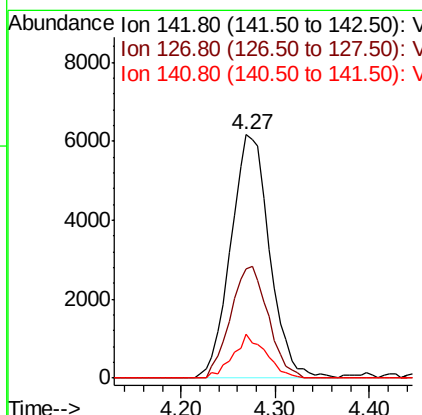
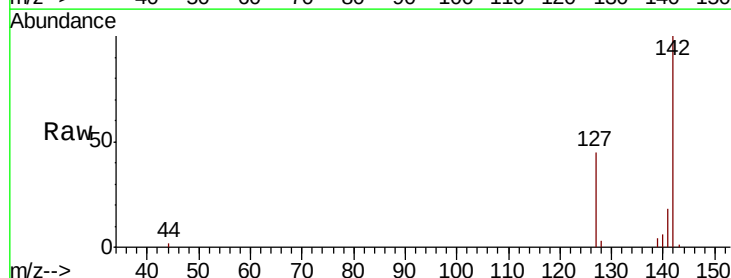
RT: 4.27 min Scan# 388

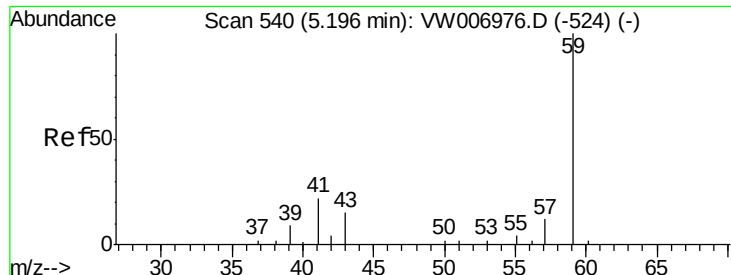
Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Tgt Ion:	142	Resp:	17766
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.3	52.9
141	15.2	11.7	17.5





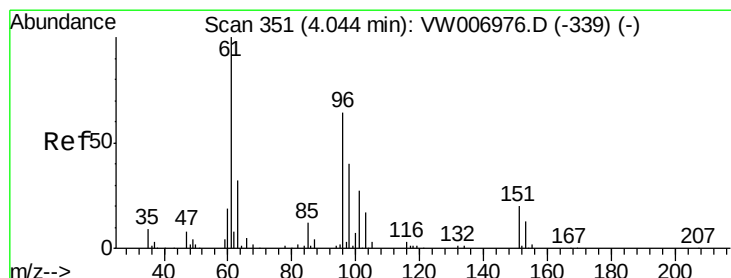
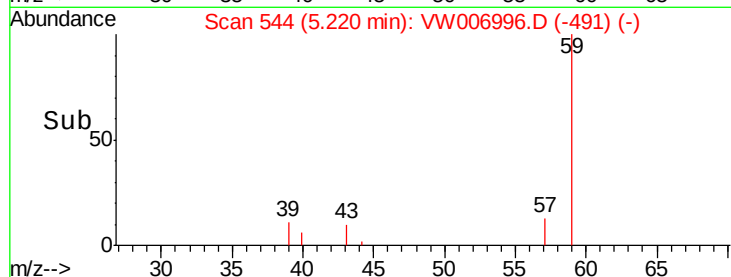
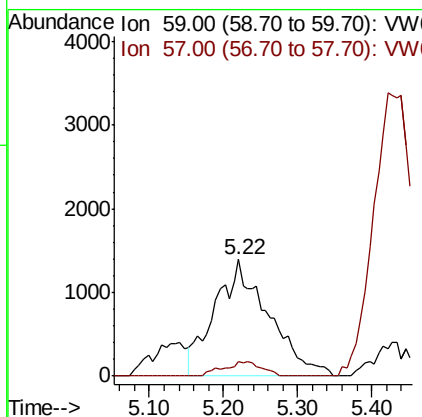
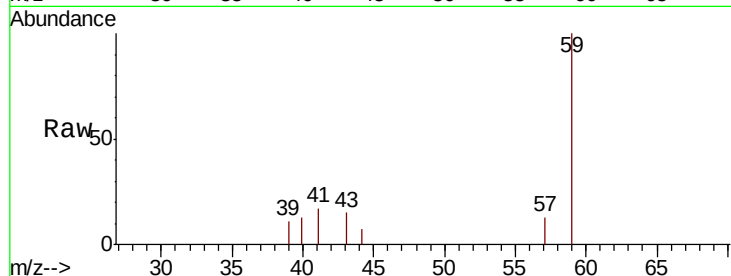
#11
Tert butyl alcohol
Concen: 92.990 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.6	13.0

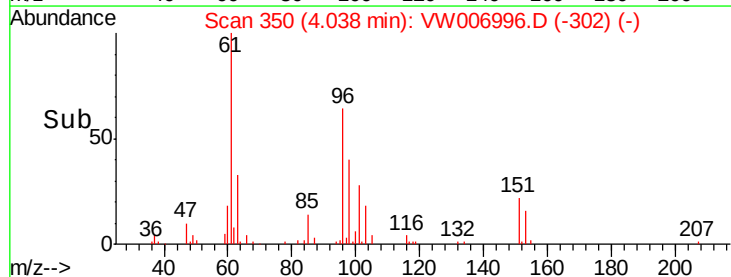
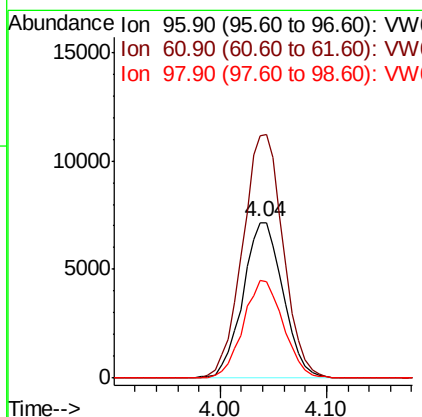
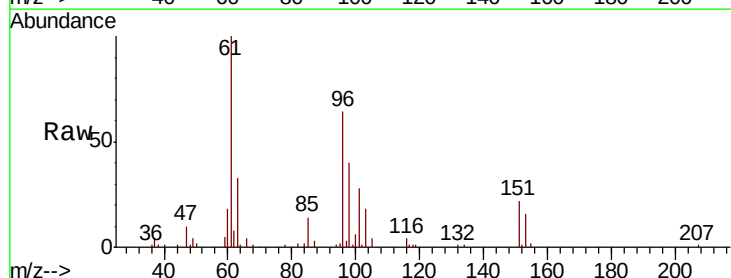
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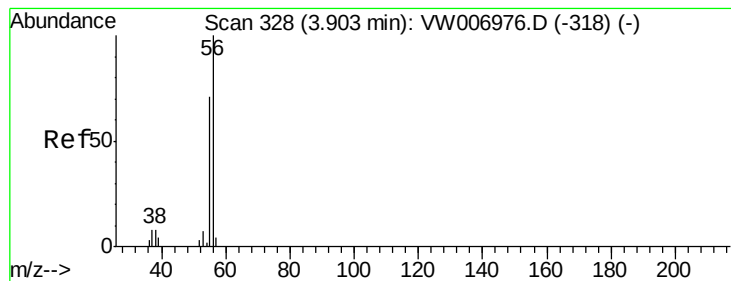
apatel
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#12
1,1-Dichloroethene
Concen: 17.794 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	124.3	186.5
98	62.9	49.4	74.2





#13

Acrolein

Concen: 102.059 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 56 Resp: 7865

Ion Ratio Lower Upper

56 100

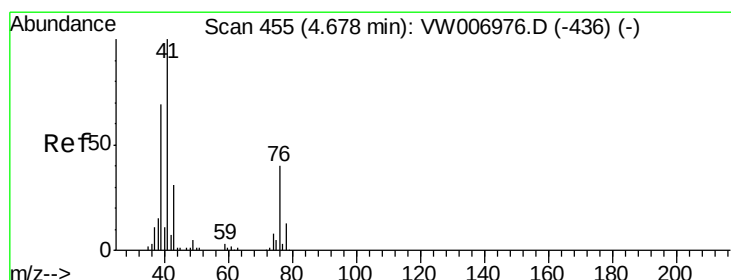
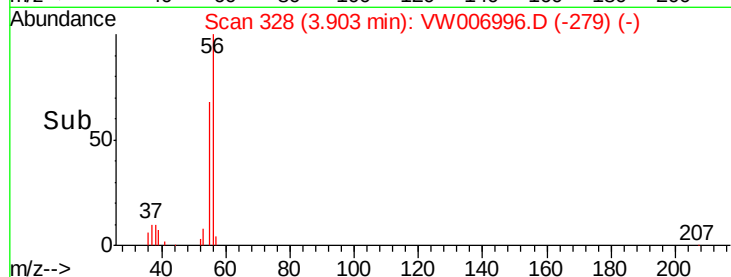
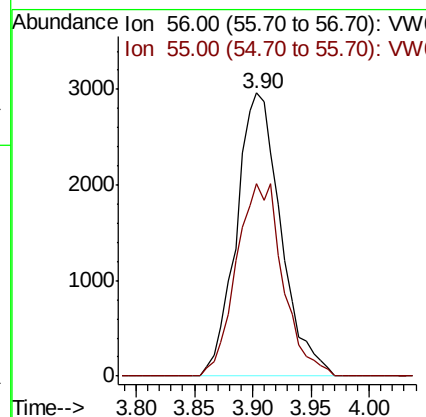
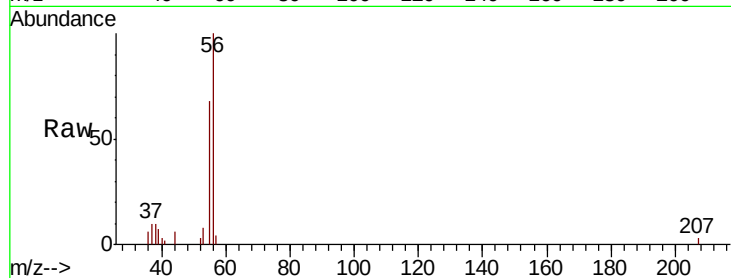
55 71.2 57.5 86.3

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#14

Allyl chloride

Concen: 18.620 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

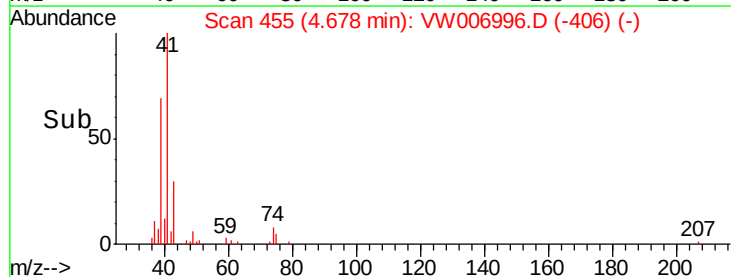
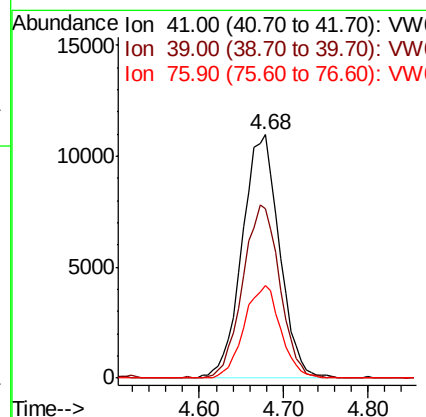
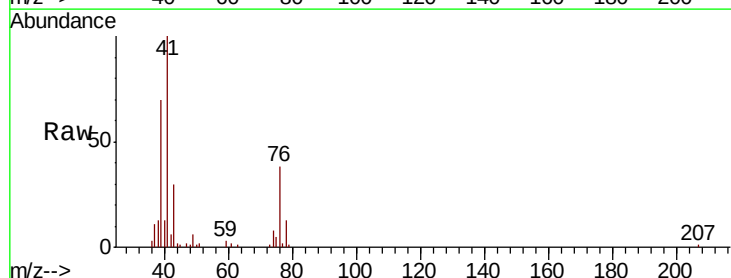
Tgt Ion: 41 Resp: 32913

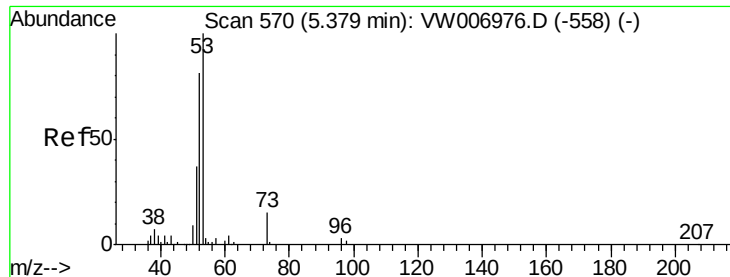
Ion Ratio Lower Upper

41 100

39 70.6 55.4 83.2

76 37.1 29.6 44.4





#15

Acrylonitrile

Concen: 92.933 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

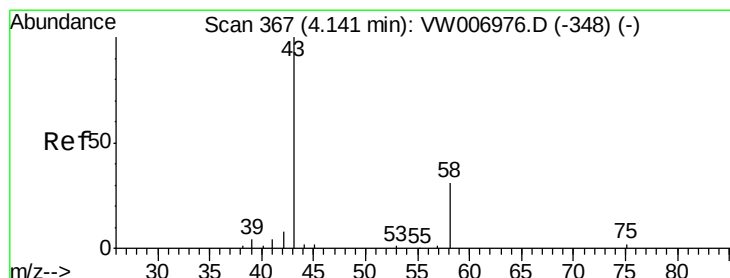
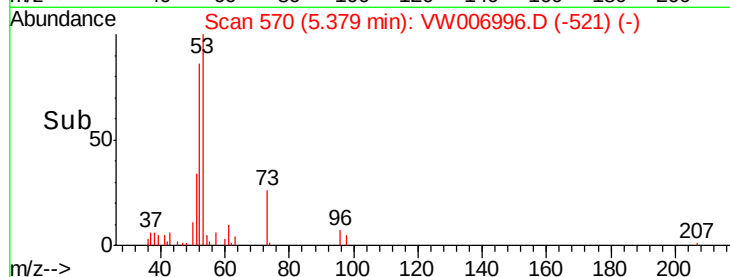
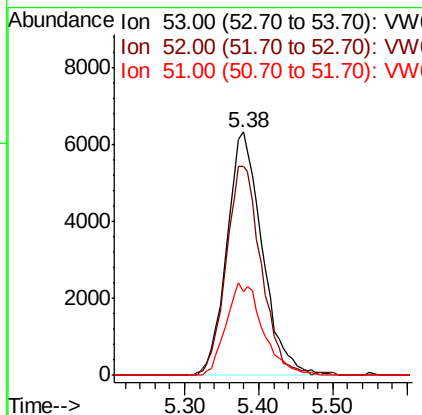
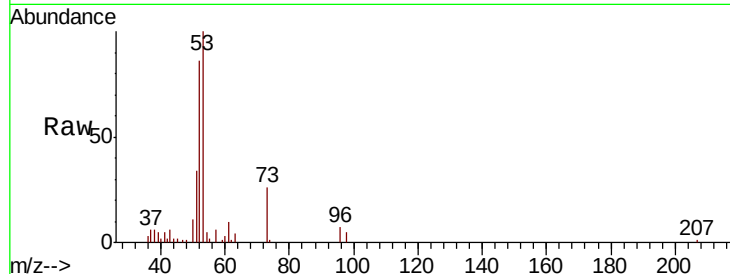
ClientSampleId :

VW1122SBS01

Tot Ion:	53	Resp:	21095
Ion Ratio	Lower	Upper	
53	100		
52	85.1	65.7	98.5
51	39.4	29.9	44.9

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#16

Acetone

Concen: 94.784 ug/l

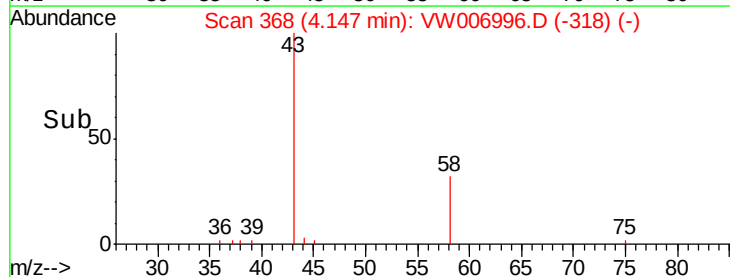
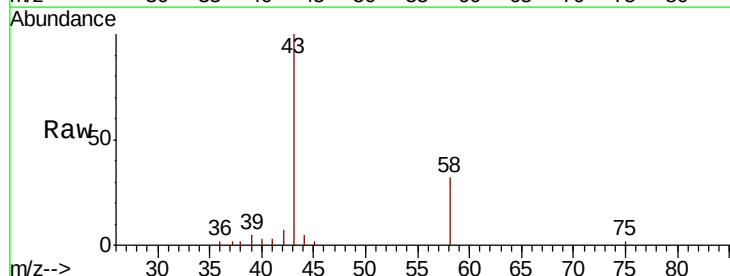
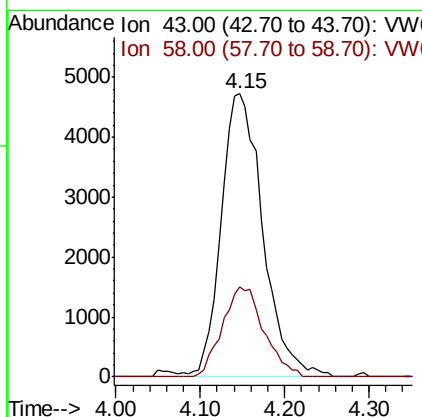
RT: 4.15 min Scan# 368

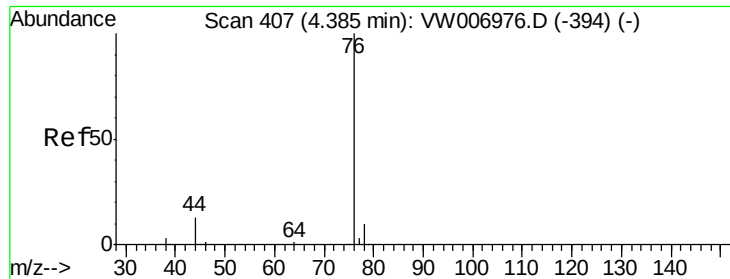
Delta R.T. 0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Tgt Ion:	43	Resp:	15863
Ion Ratio	Lower	Upper	
43	100		
58	31.8	24.8	37.2





#17

Carbon Disulfide

Concen: 14.425 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 76 Resp: 49702

Ion Ratio Lower Upper

76 100

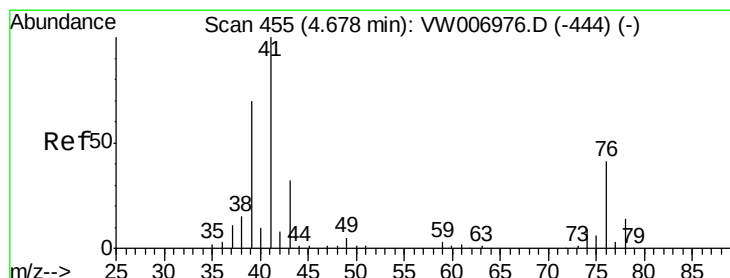
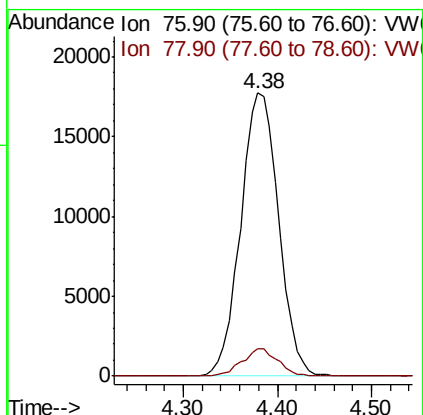
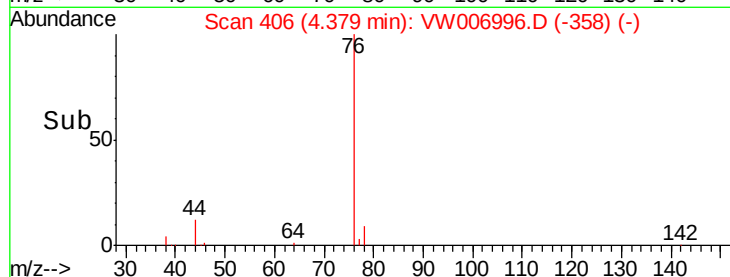
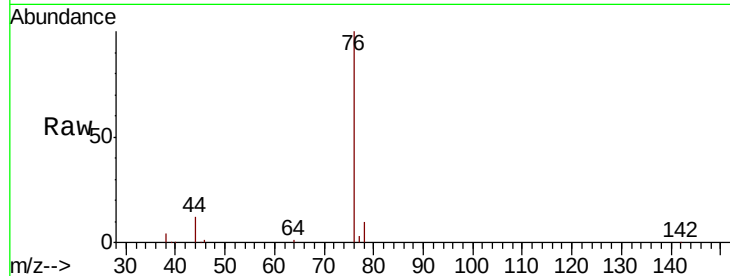
78 9.8 7.8 11.6

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#18

Methyl Acetate

Concen: 18.591 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006996.D

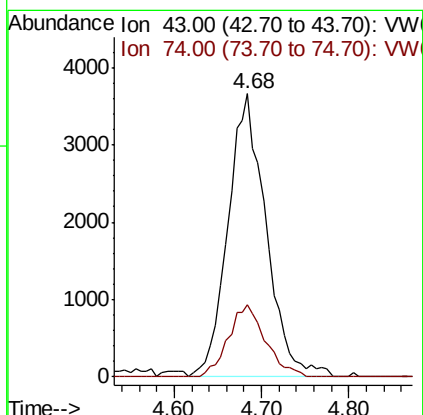
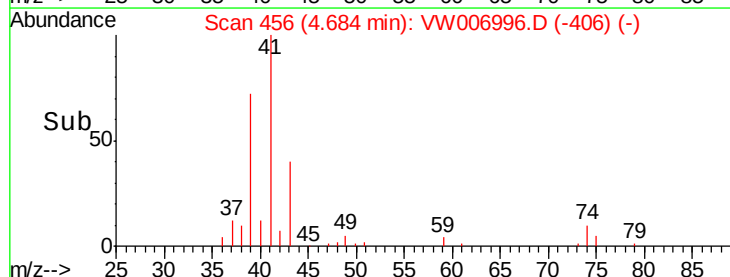
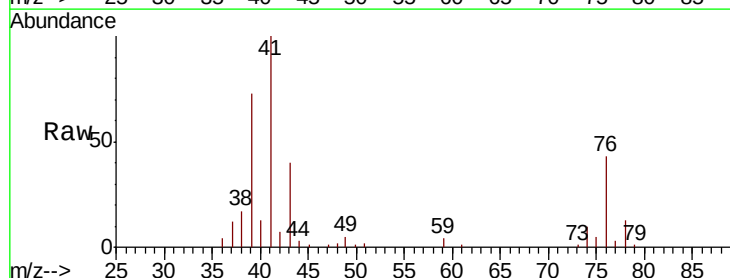
Acq: 21 Nov 2018 12:46

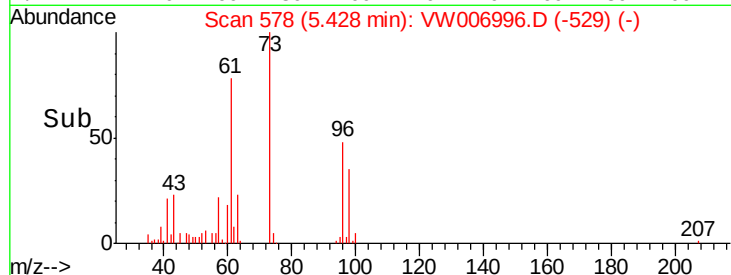
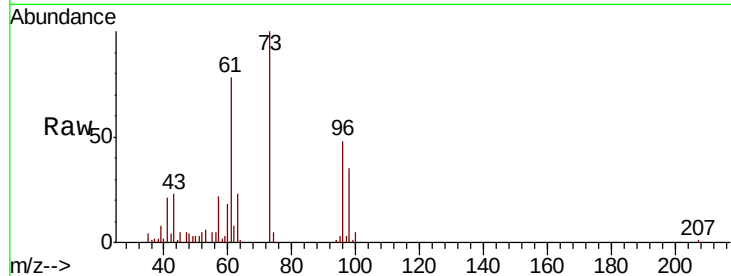
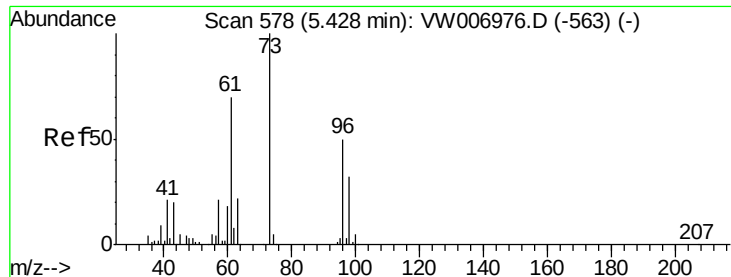
Tgt Ion: 43 Resp: 11080

Ion Ratio Lower Upper

43 100

74 24.7 20.1 30.1





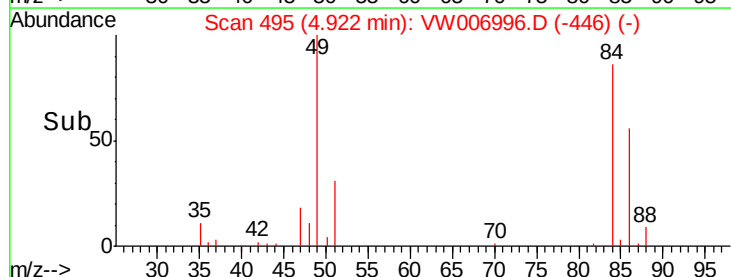
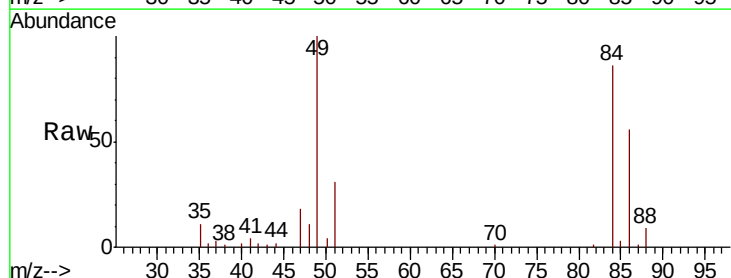
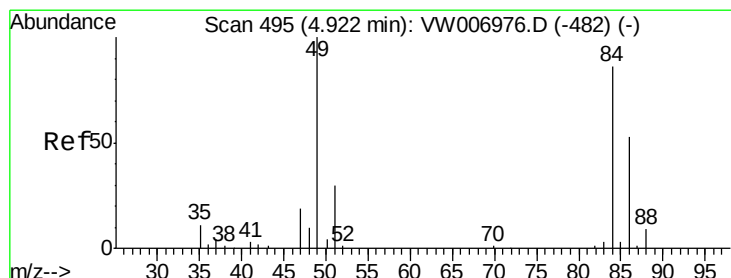
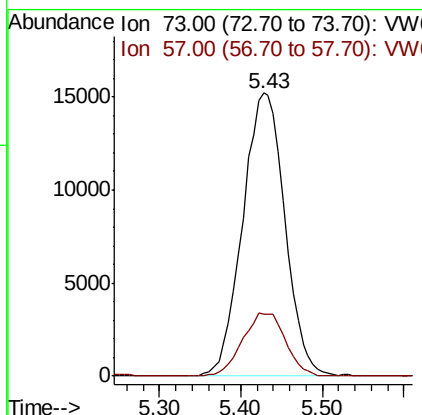
#19
Methyl tert-butyl Ether
Concen: 19.670 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tot Ion: 73 Resp: 54735
Ion Ratio Lower Upper
73 100
57 22.1 16.7 25.1

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

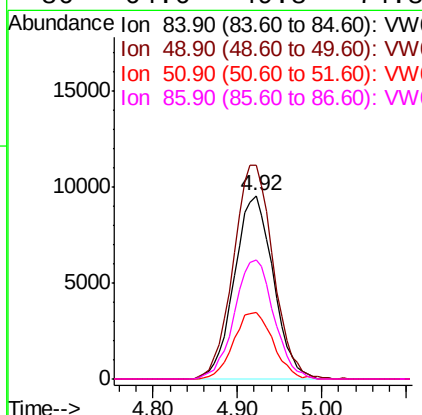
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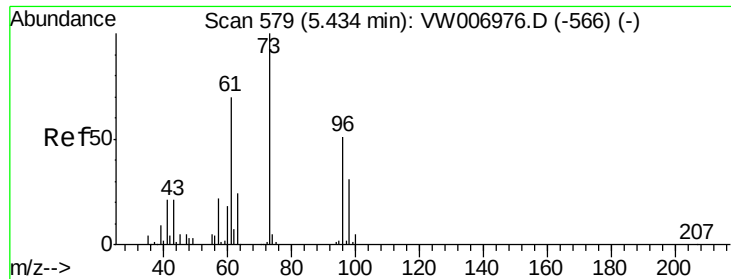
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#20
Methylene Chloride
Concen: 19.118 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 84 Resp: 29947
Ion Ratio Lower Upper
84 100
49 116.3 93.4 140.0
51 36.5 28.4 42.6
86 64.6 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.951 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

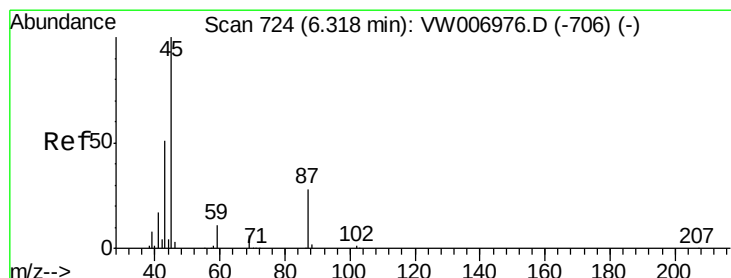
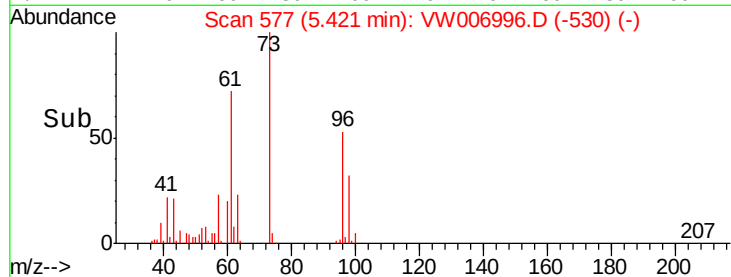
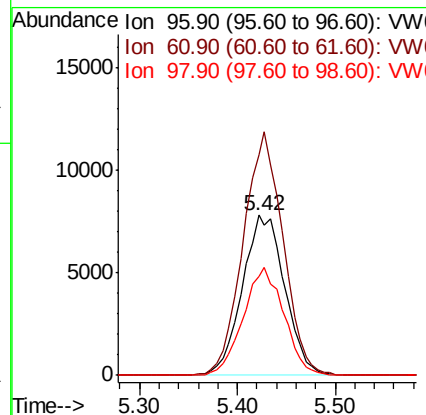
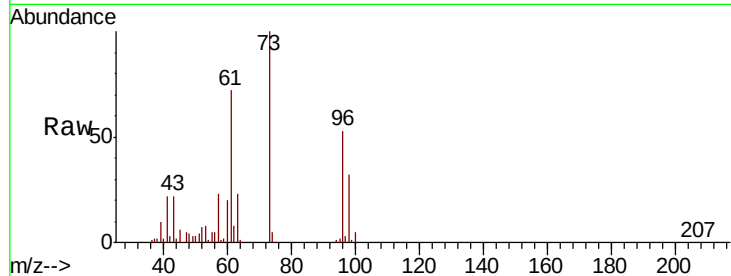
ClientSampleId :

VW1122SBS01

Tot Ion:	96	Resp:	23527
Ion	Ratio	Lower	Upper
96	100		
61	137.5	109.4	164.0
98	61.8	48.3	72.5

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#22

Diisopropyl ether

Concen: 19.688 ug/l

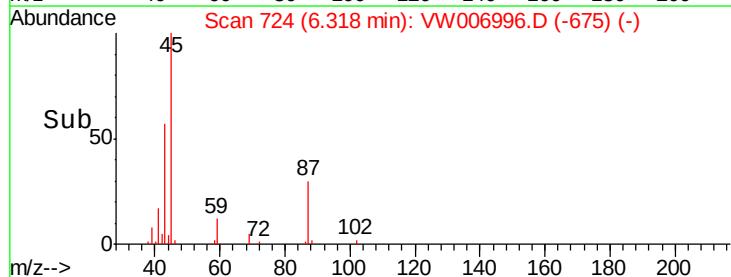
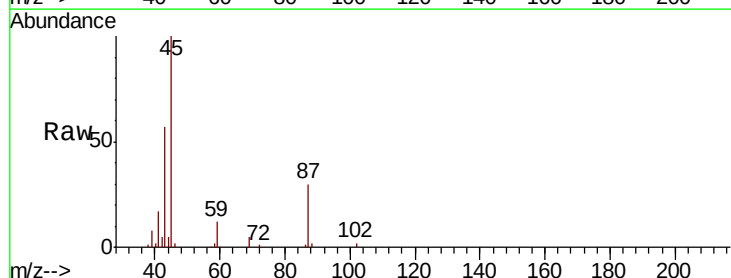
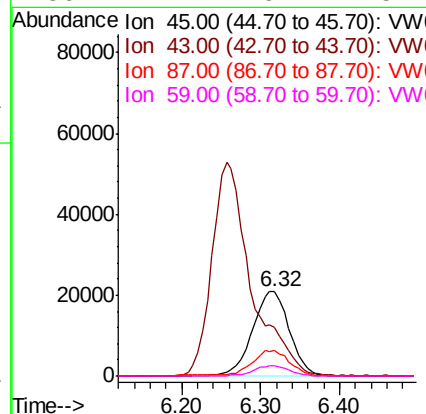
RT: 6.32 min Scan# 724

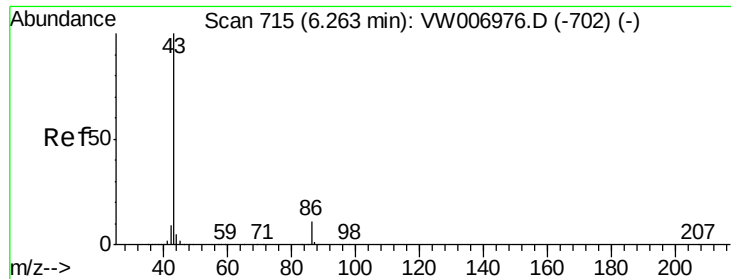
Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Tgt Ion:	45	Resp:	67738
Ion	Ratio	Lower	Upper
45	100		
43	56.5	42.5	63.7
87	30.2	22.8	34.2
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 100.069 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 43 Resp: 182830

Ion Ratio Lower Upper

43 100

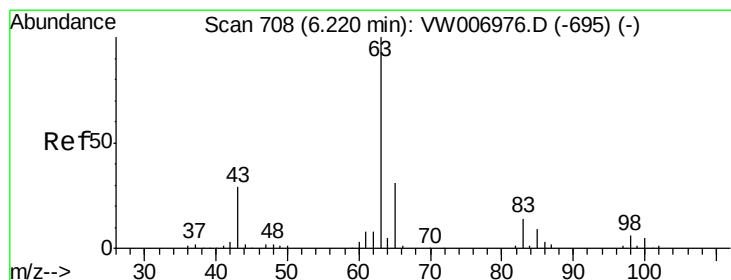
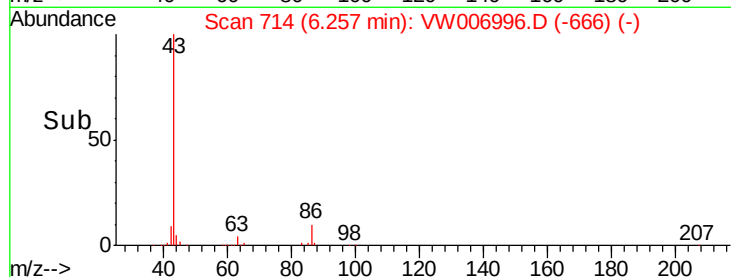
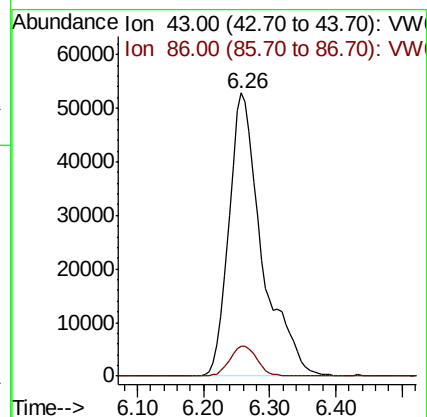
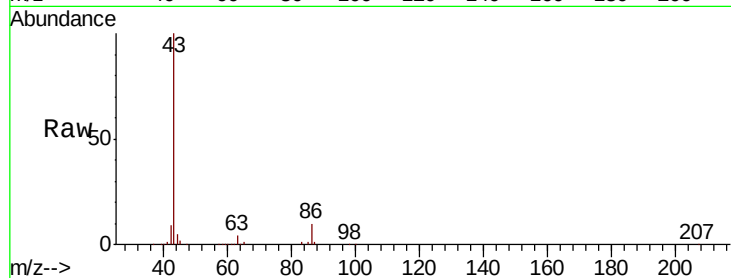
86 10.5 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.369 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

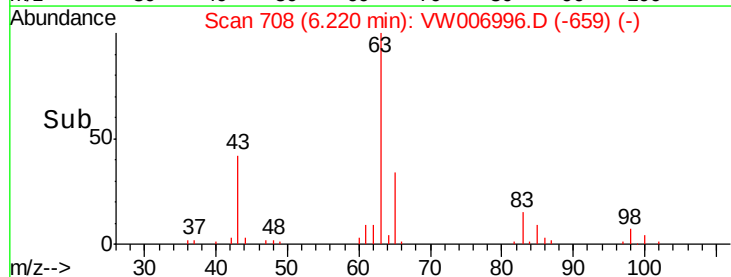
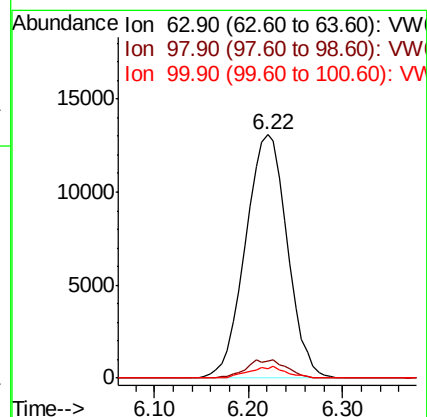
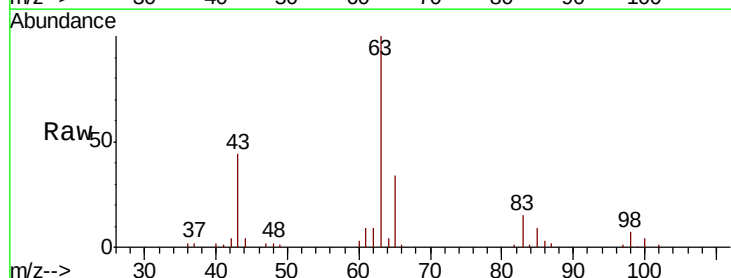
Tgt Ion: 63 Resp: 40539

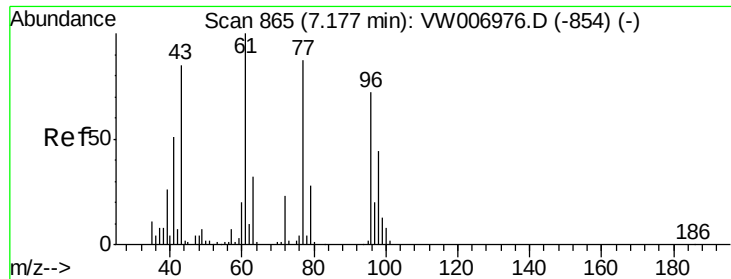
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.4

100 3.8 2.3 6.9





#25

2-Butanone

Concen: 95.680 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampled :

VW1122SBS01

Tot Ion: 43 Resp: 27426

Ion Ratio Lower Upper

43 100

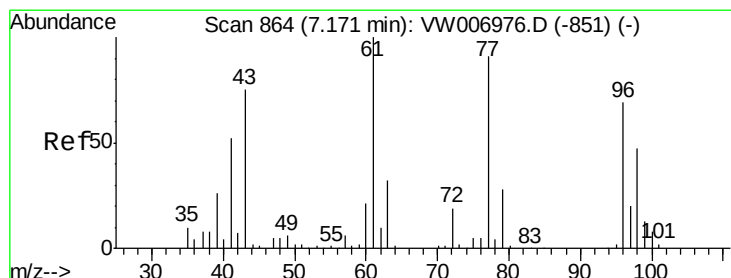
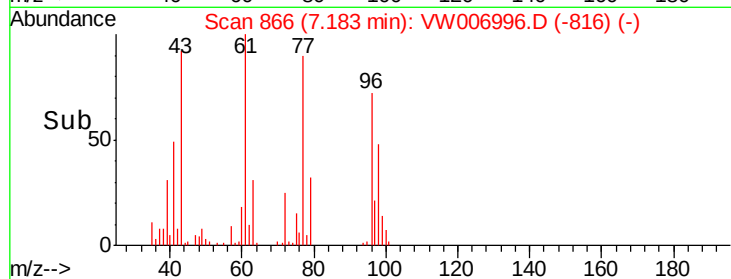
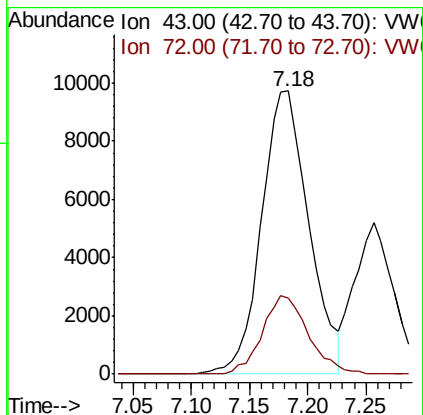
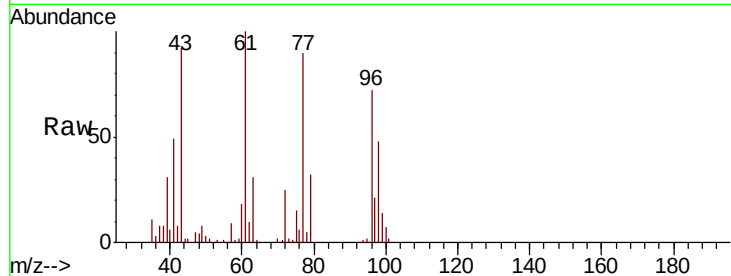
72 27.1 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 21.000 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006996.D

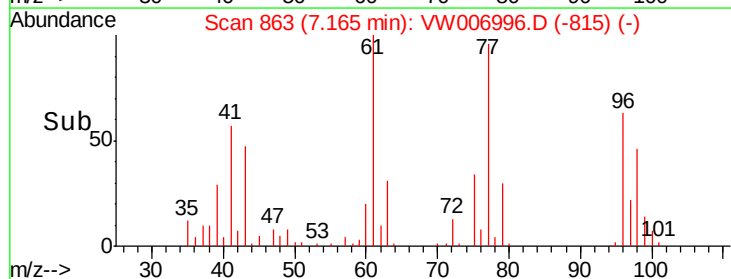
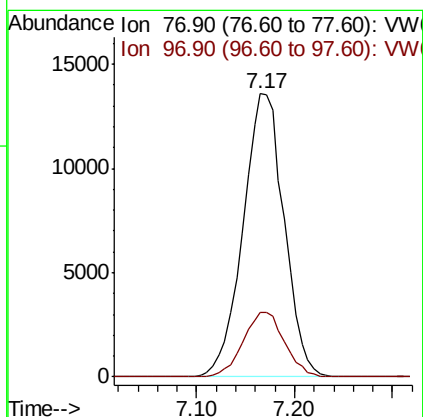
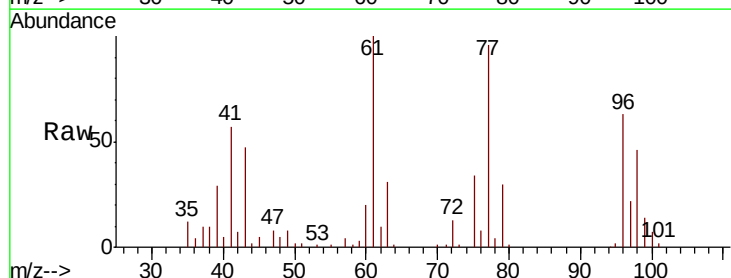
Acq: 21 Nov 2018 12:46

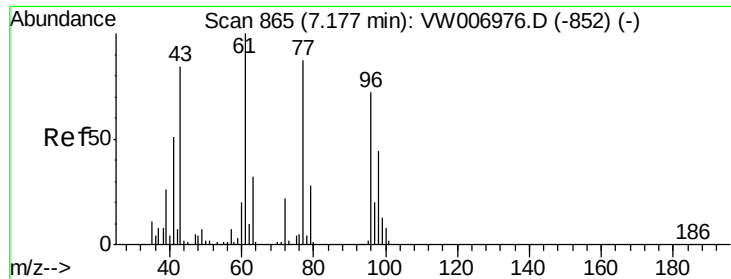
Tgt Ion: 77 Resp: 39526

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

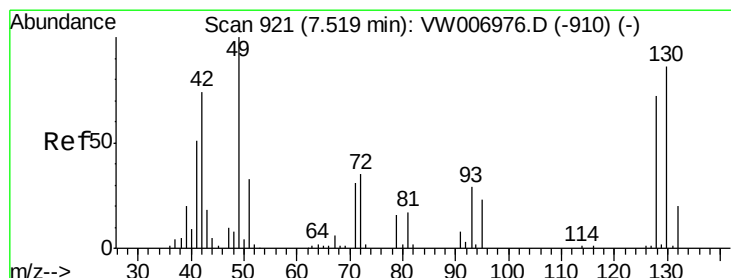
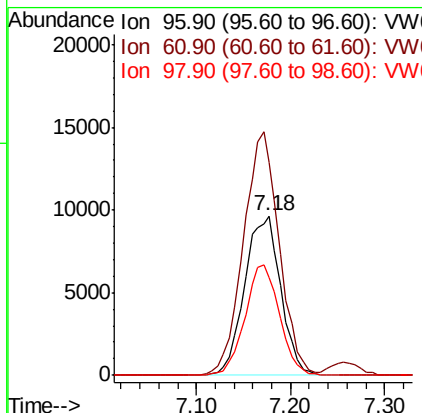
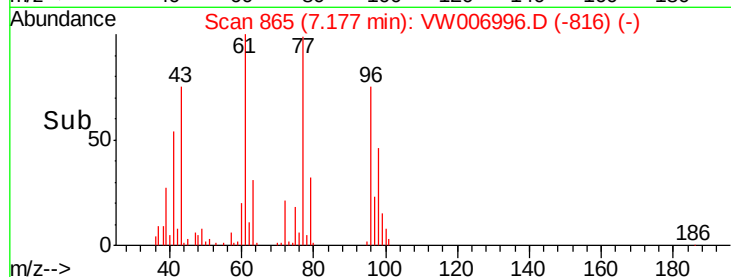
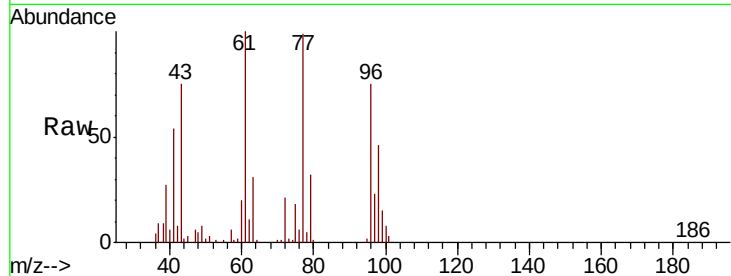
cis-1,2-Dichloroethene
Concen: 19.560 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	292.6
98	66.0	0.0	129.8

Manual Integrations
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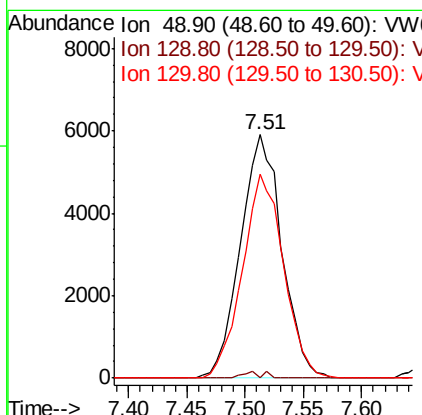
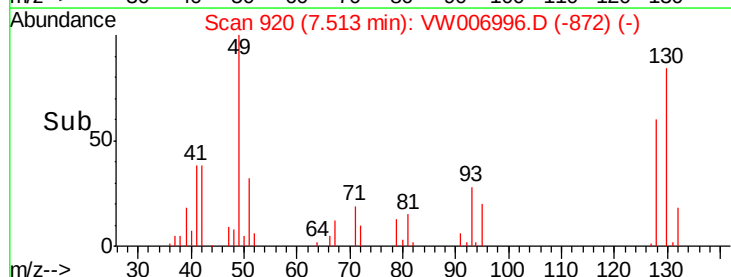
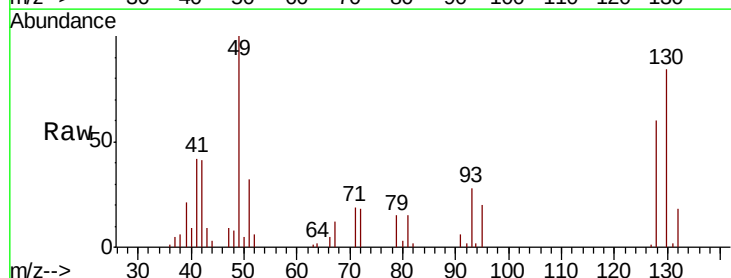
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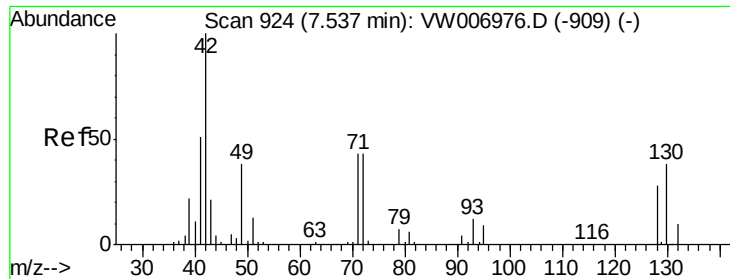


#28

Bromochloromethane
Concen: 18.652 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.0
130	83.2	69.0	103.4





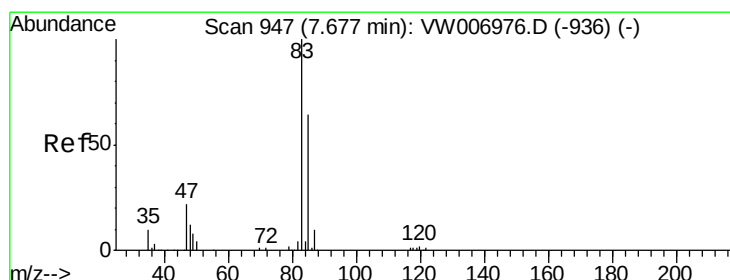
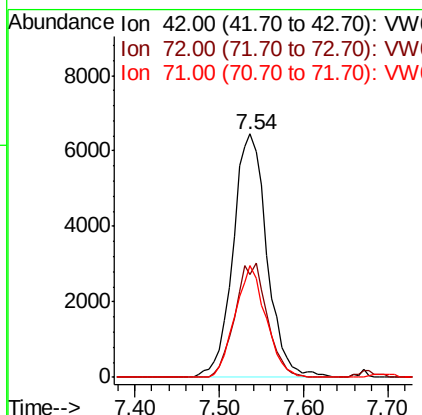
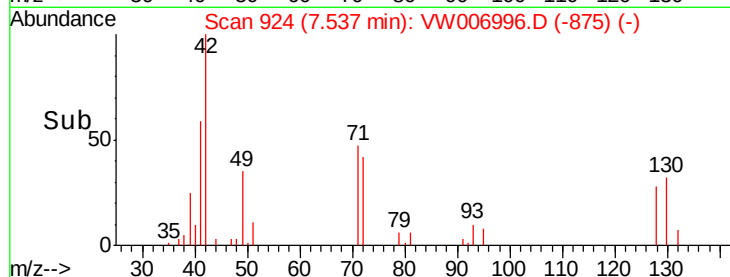
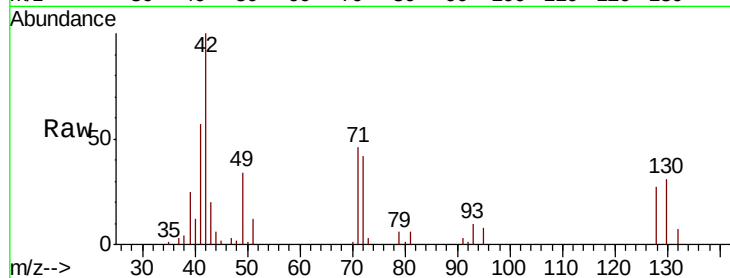
#29
Tetrahydrofuran
Concen: 94.256 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.2	54.4
71	41.8	33.8	50.8

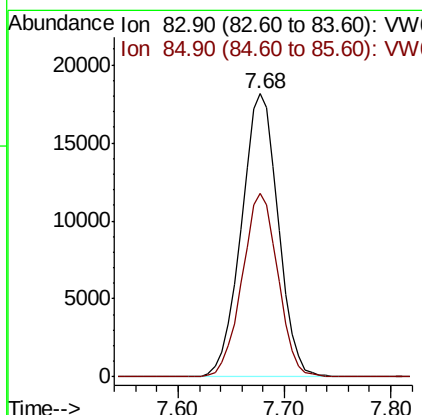
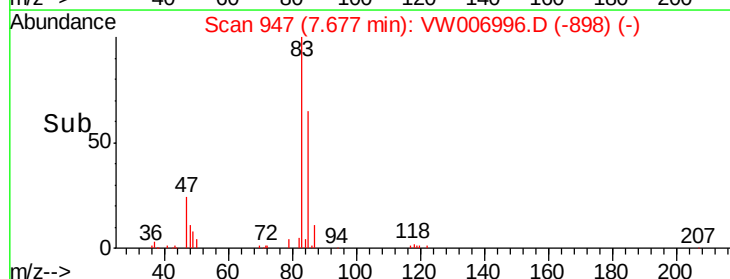
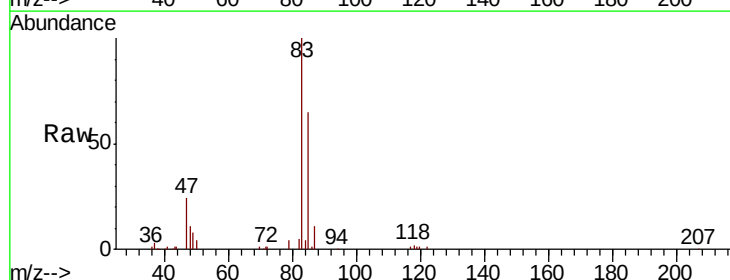
Manual Integrations
APPROVED

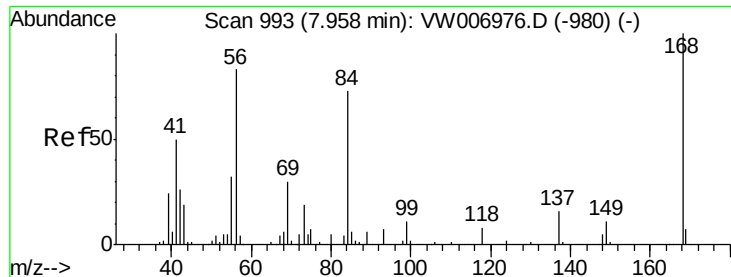
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#30
Chloroform
Concen: 19.801 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.9	76.3





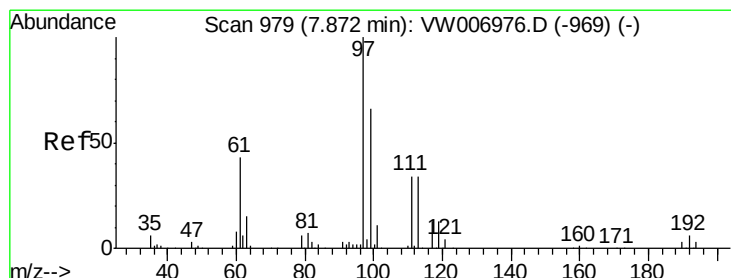
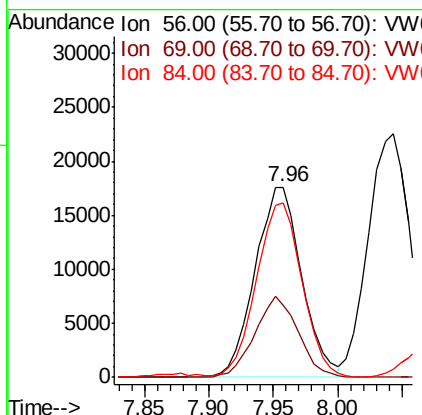
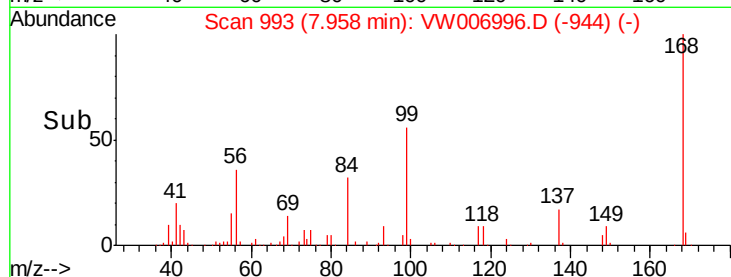
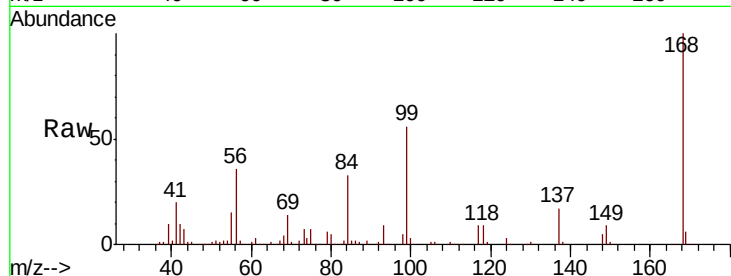
#31
Cyclohexane
Concen: 19.939 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	29.1	43.7
84	90.3	70.6	105.8

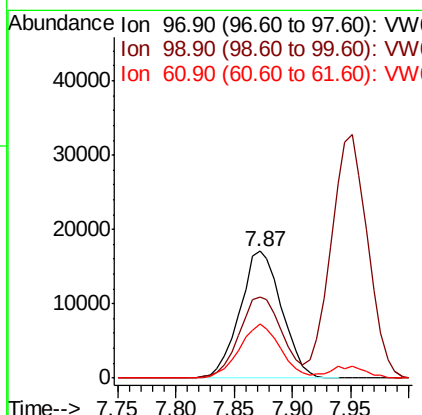
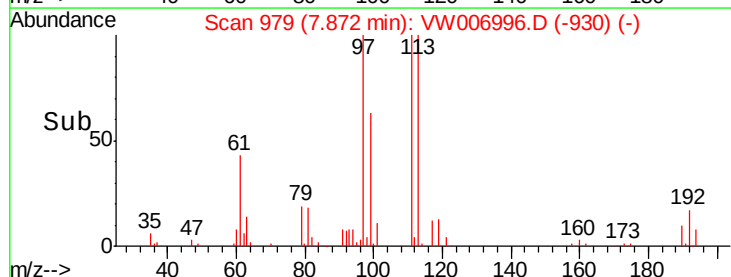
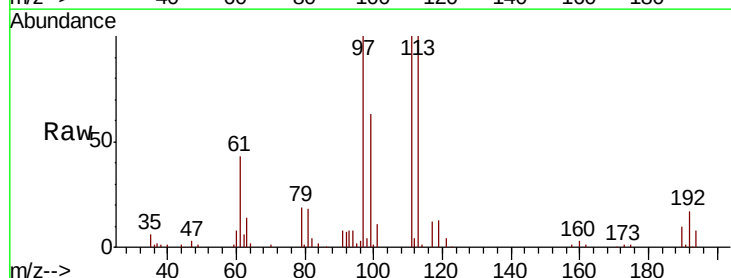
Manual Integrations
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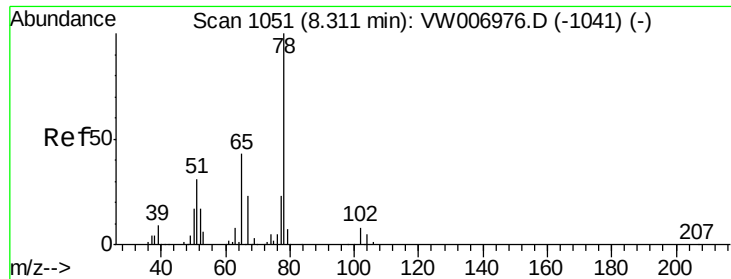
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#32
1,1,1-Trichloroethane
Concen: 21.268 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.9	77.9
61	41.6	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 54.468 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 65 Resp: 62786

Ion Ratio Lower Upper

65 100

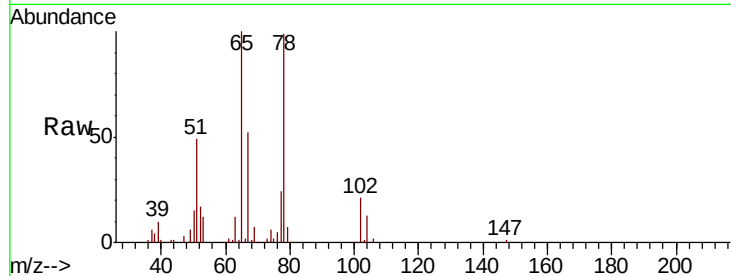
67 51.4 0.0 106.2

Manual Integrations

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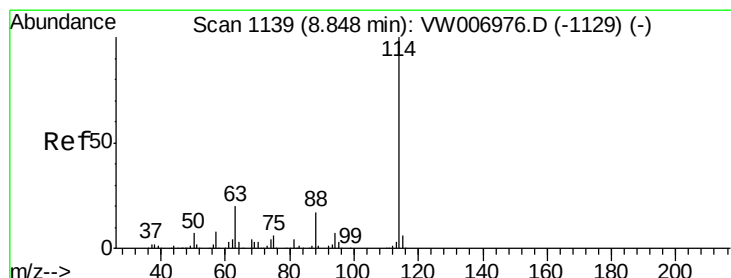
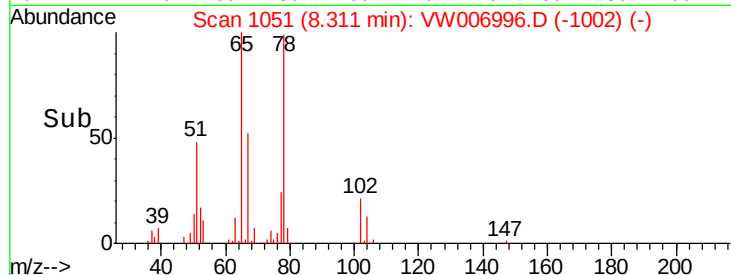
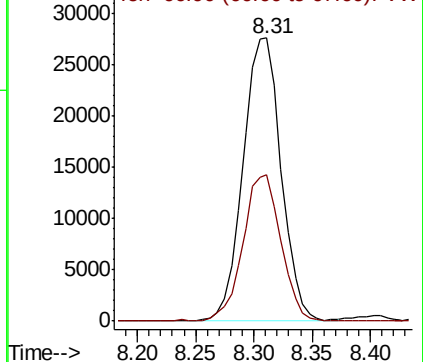
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

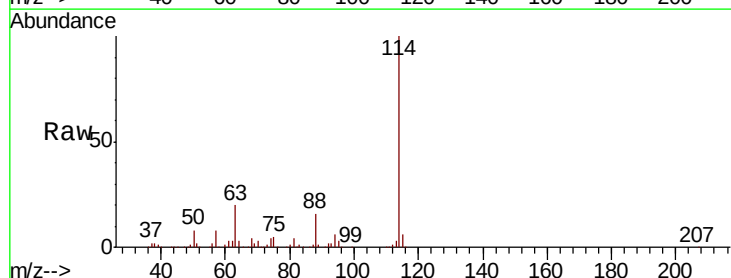
Tgt Ion: 114 Resp: 183735

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

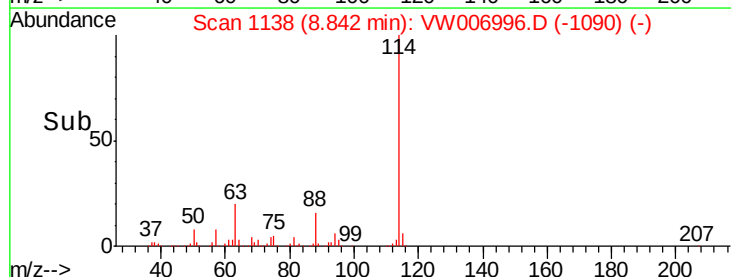
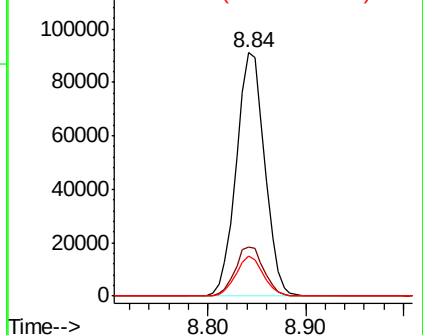
88 16.3 0.0 34.2

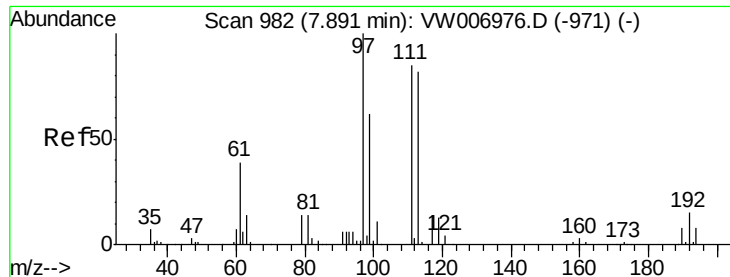


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 55.378 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion:113 Resp: 57460

Ion Ratio Lower Upper

113 100

111 101.1 81.0 121.6

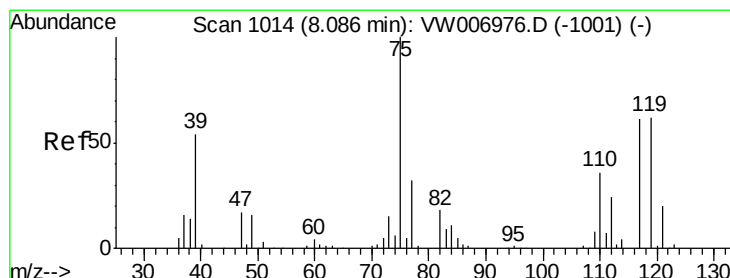
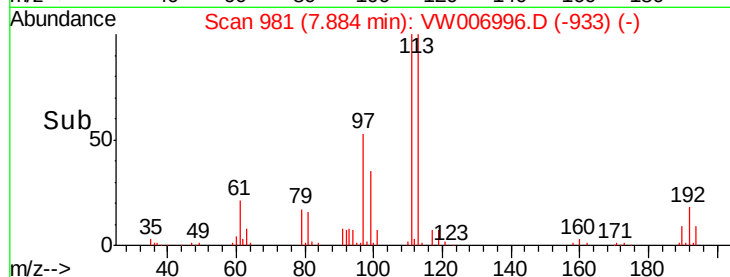
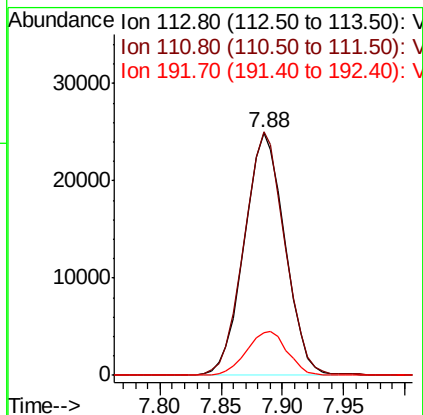
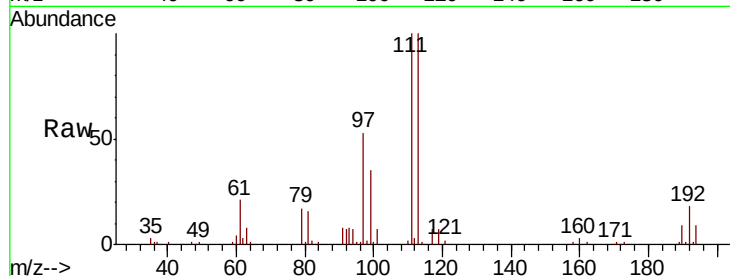
192 18.2 15.0 22.6

Manual Integrations

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#36

1,1-Dichloropropene

Concen: 20.615 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

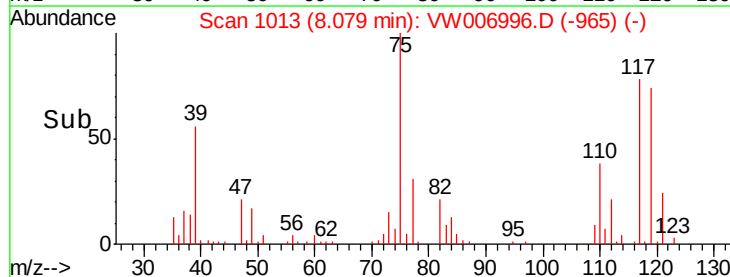
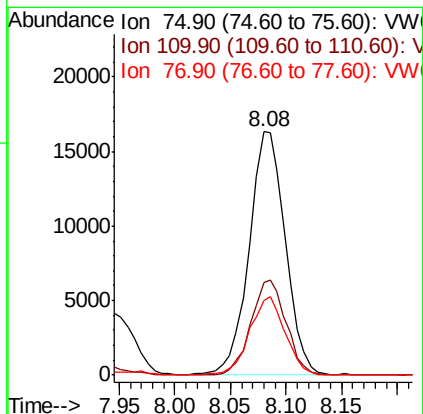
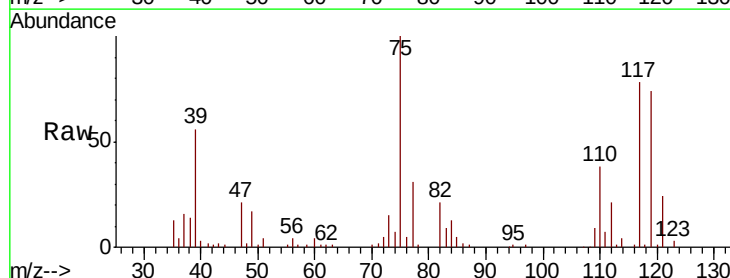
Tgt Ion: 75 Resp: 37014

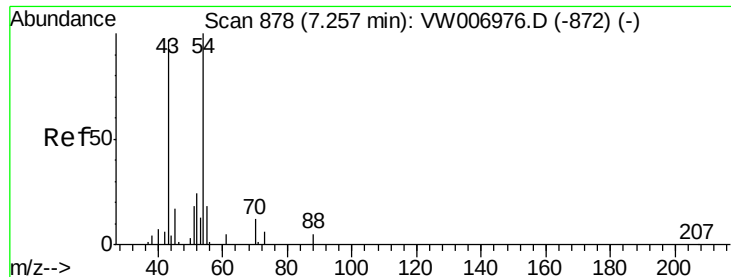
Ion Ratio Lower Upper

75 100

110 37.7 18.0 54.0

77 31.4 24.9 37.3





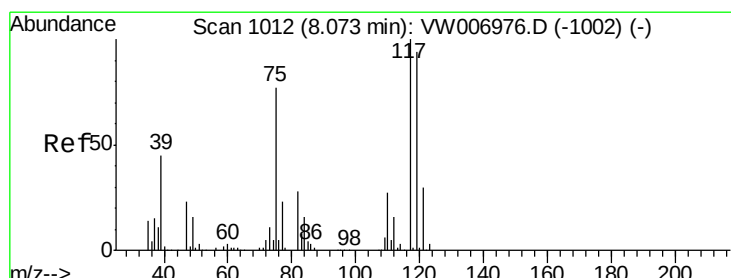
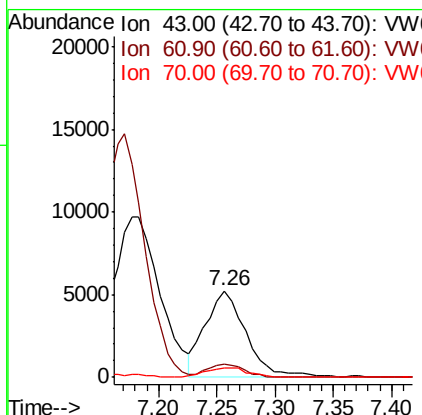
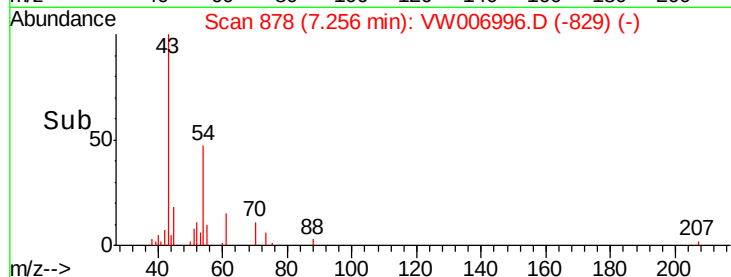
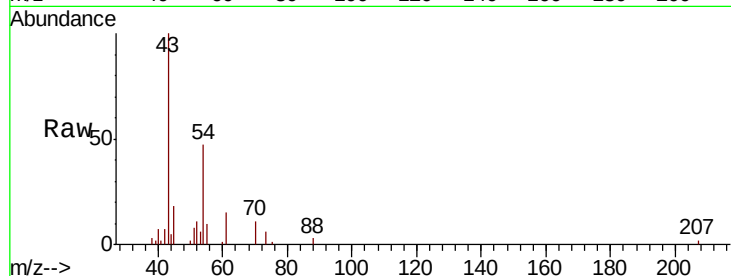
#37
Ethyl Acetate
Concen: 19.676 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	11.0	8.8	13.2

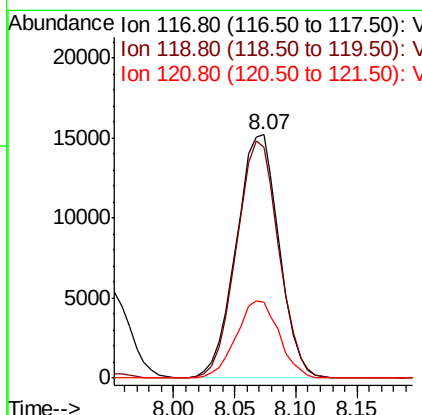
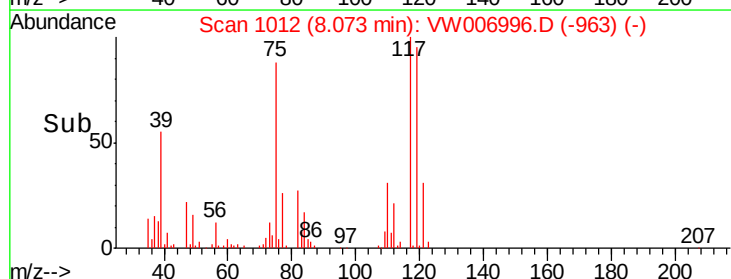
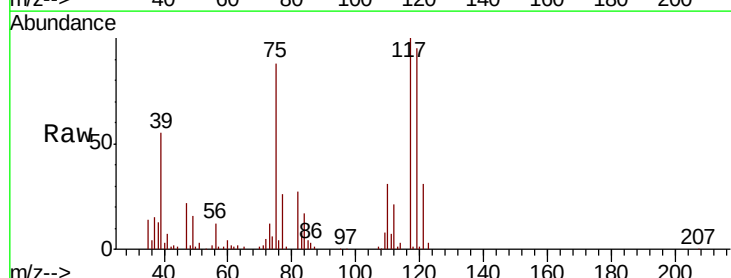
Manual Integrations
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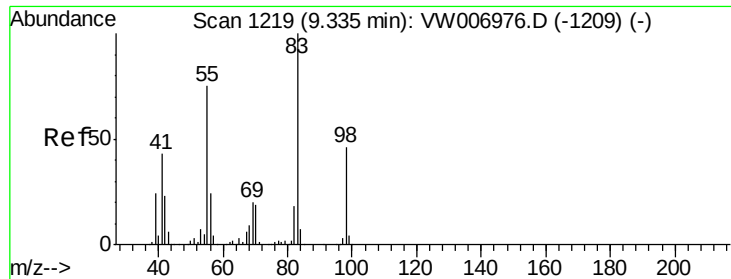
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#38
Carbon Tetrachloride
Concen: 21.541 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.9	112.3
121	31.0	23.6	35.4





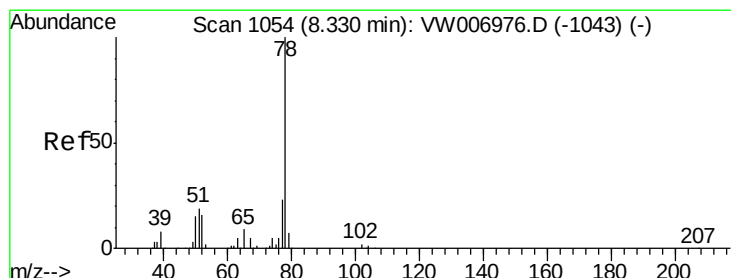
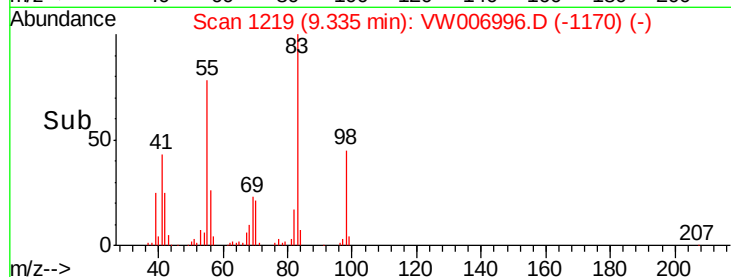
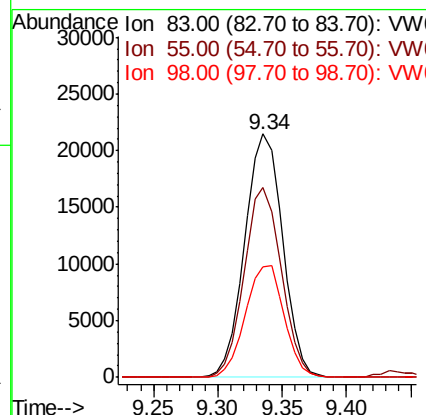
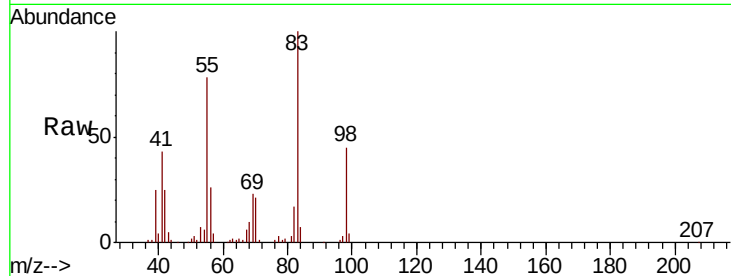
#39
Methylvlcyclohexane
Concen: 19.516 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	59.6	89.4
98	45.5	37.1	55.7

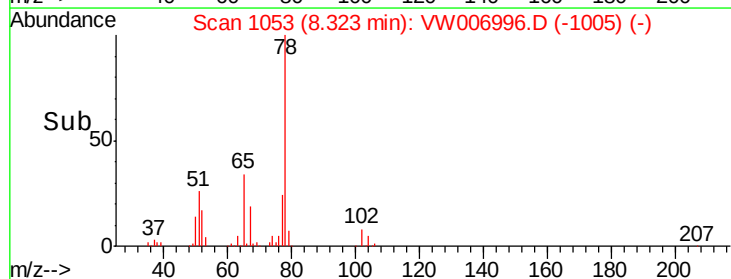
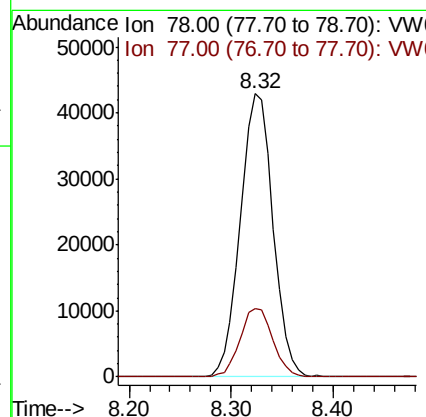
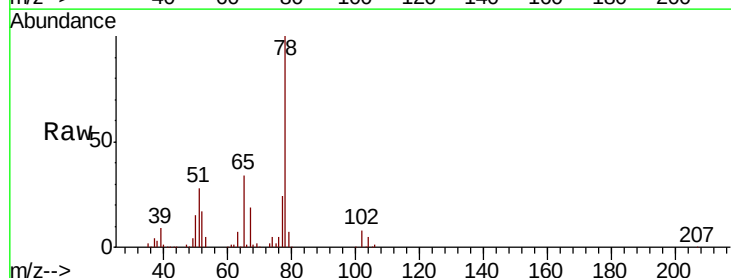
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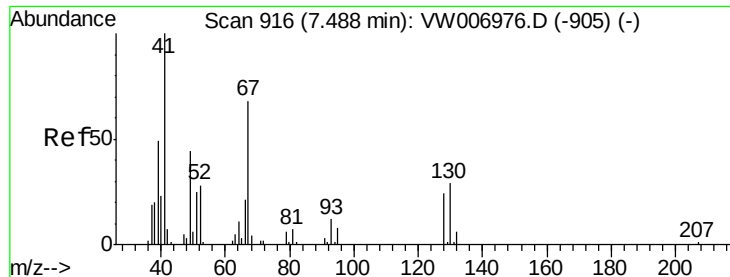
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#40
Benzene
Concen: 19.673 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0





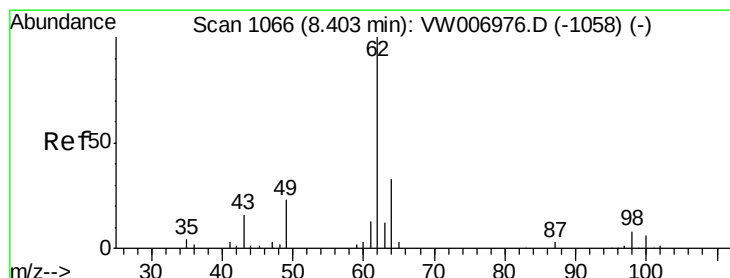
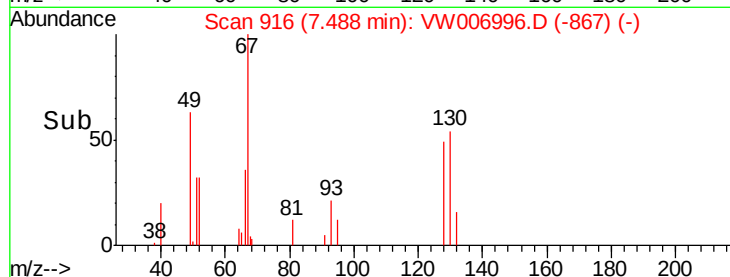
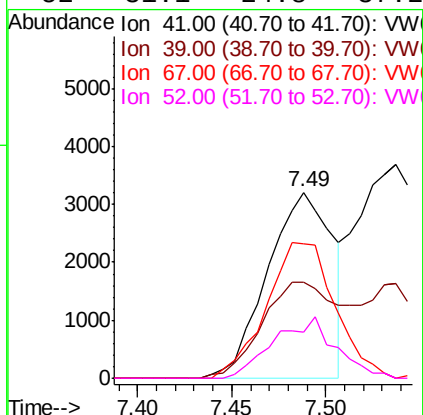
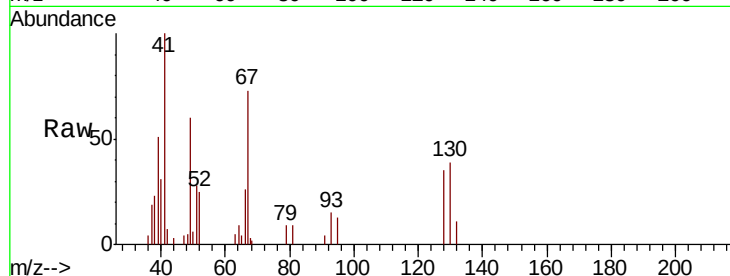
#41
Methacrylonitrile
Concen: 19.079 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	41	Resp:	7709
Ion	Ratio	Lower	Upper
41	100		
39	61.8	48.6	73.0
67	76.7	59.8	89.8
52	31.1	24.8	37.2

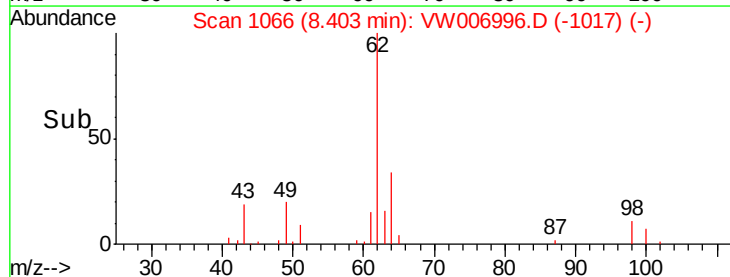
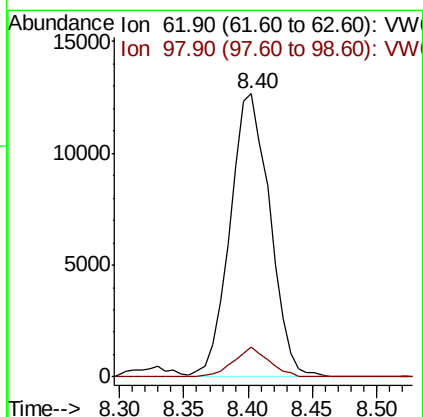
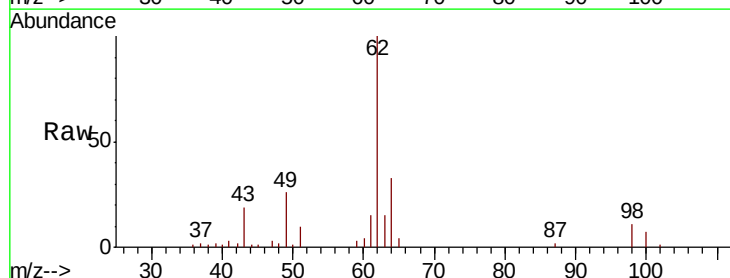
Manual Integrations
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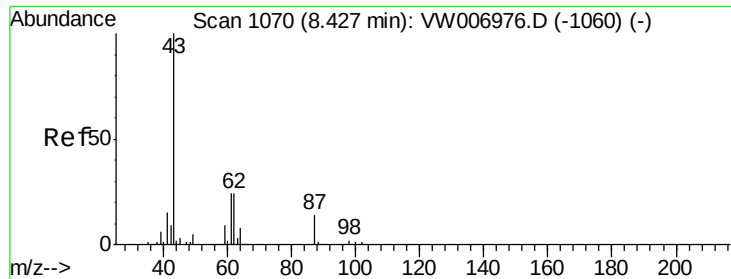
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#42
1,2-Dichloroethane
Concen: 19.352 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	62	Resp:	27230
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.925 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

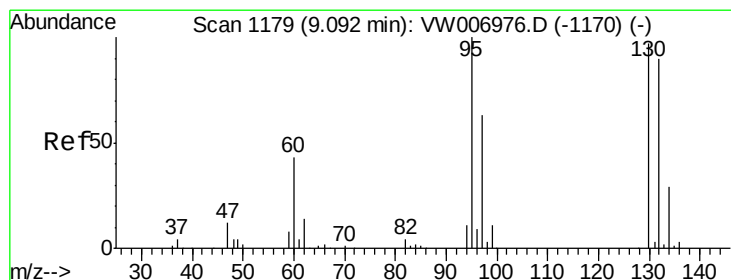
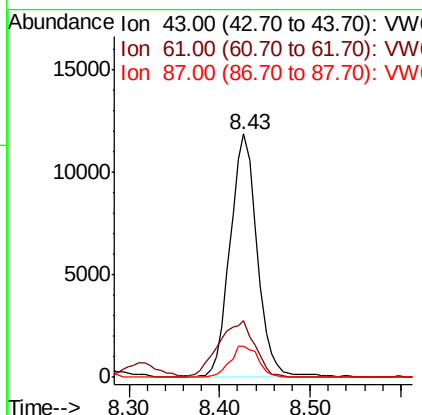
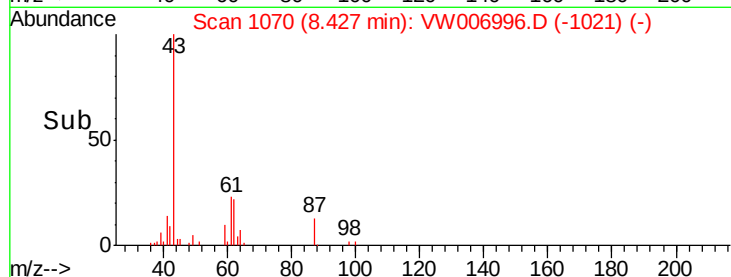
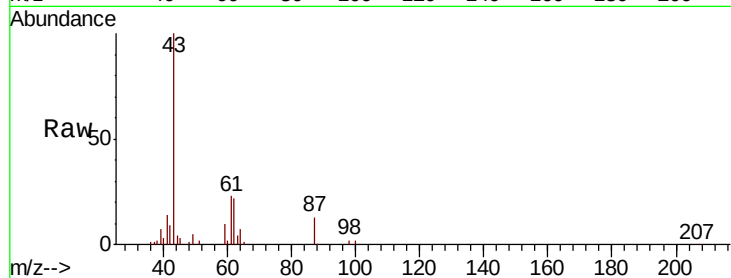
ClientSampleId :

VW1122SBS01

Tot Ion:	43	Resp:	24705
Ion	Ratio	Lower	Upper
43	100		
61	31.2	26.1	39.1
87	13.2	11.2	16.8

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#44

Trichloroethene

Concen: 20.680 ug/l

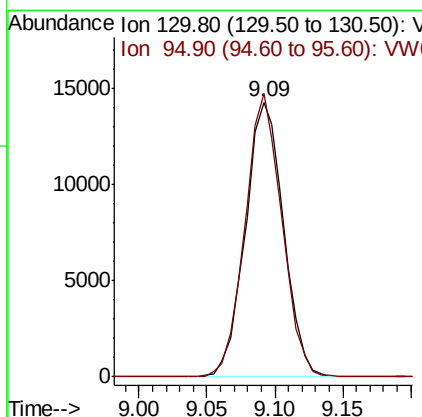
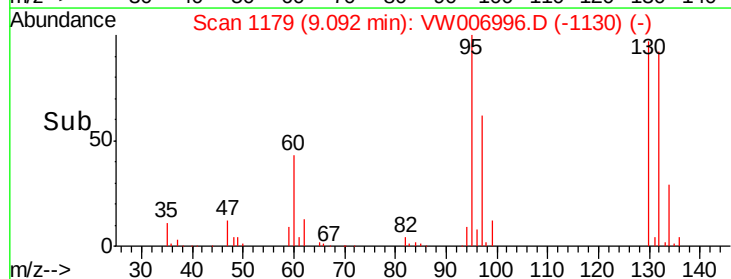
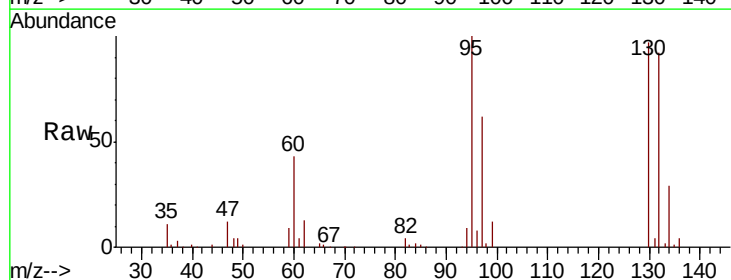
RT: 9.09 min Scan# 1179

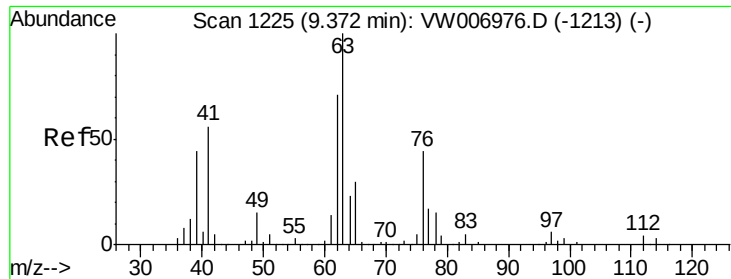
Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Tgt Ion:	130	Resp:	28097
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	206.4





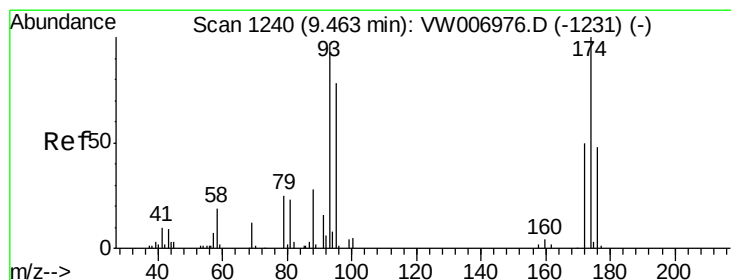
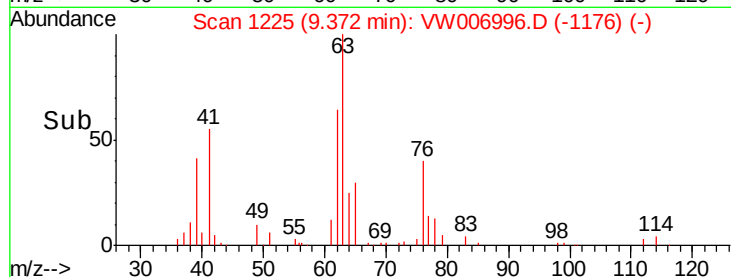
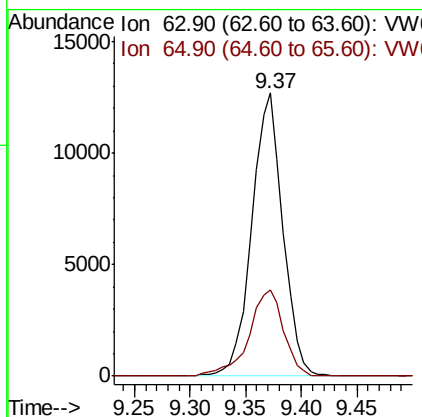
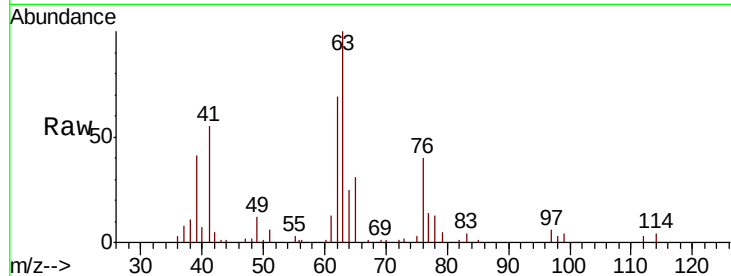
#45
 1,2-Dichloropropane
 Concen: 20.586 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion: 63 Resp: 24594
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6

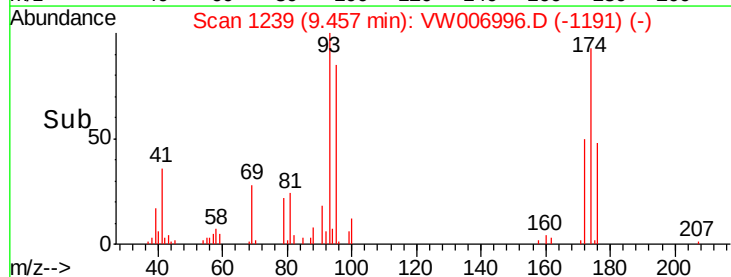
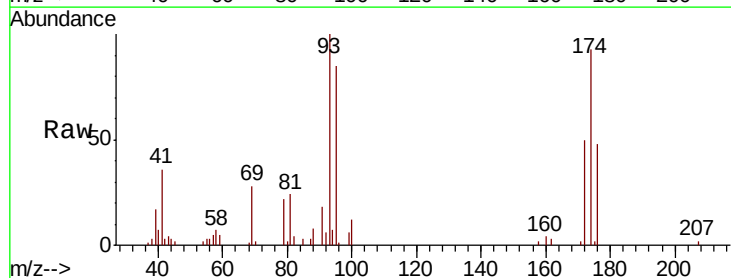
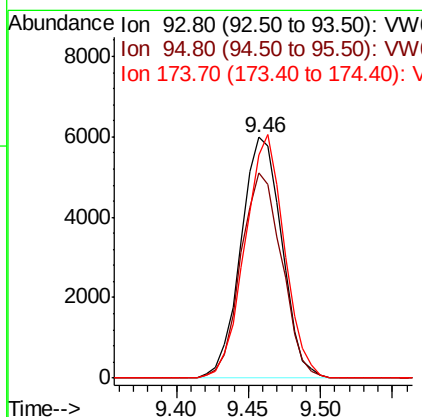
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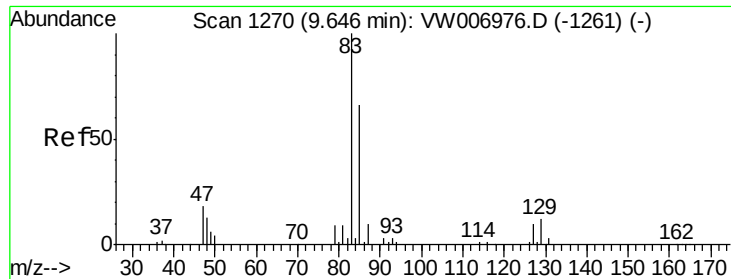
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#46
 Dibromomethane
 Concen: 19.686 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 93 Resp: 11778
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.1 99.1
 174 97.0 79.7 119.5





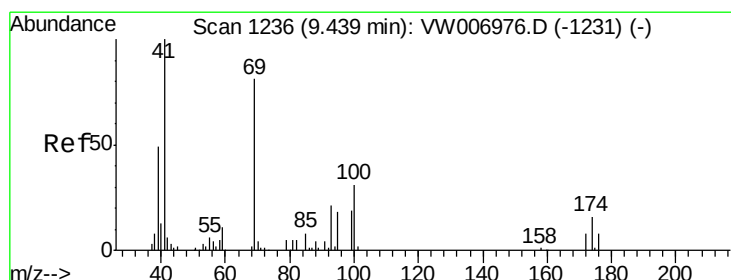
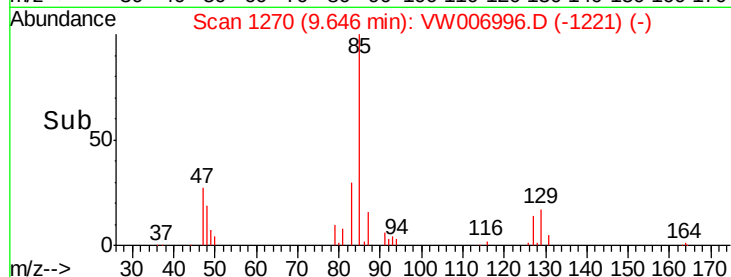
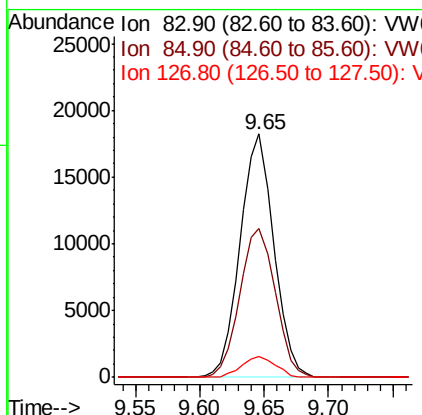
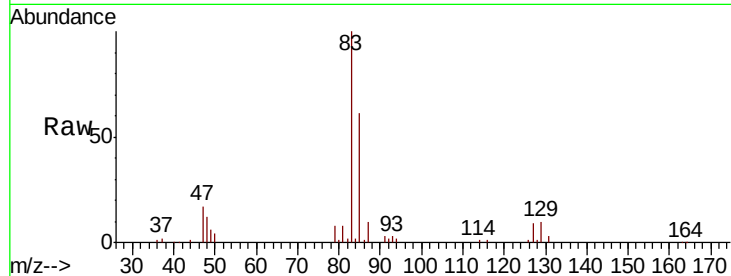
#47
Bromodichloromethane
Concen: 20.990 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	83	Resp	33088
Ion Ratio	100	Lower	Upper
83	100		
85	61.1	52.9	79.3
127	8.7	7.8	11.6

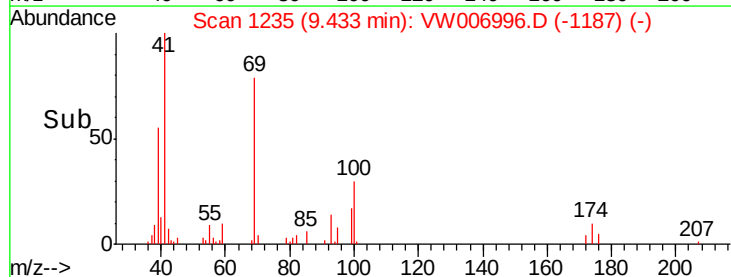
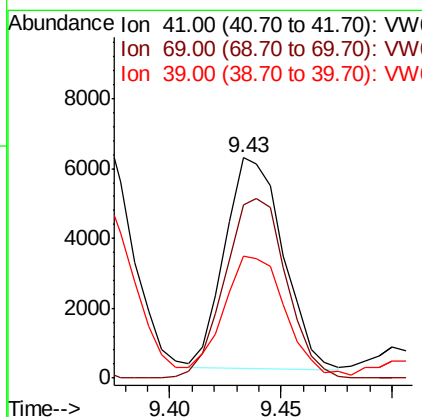
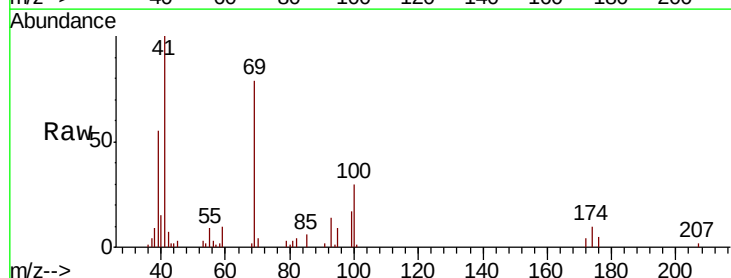
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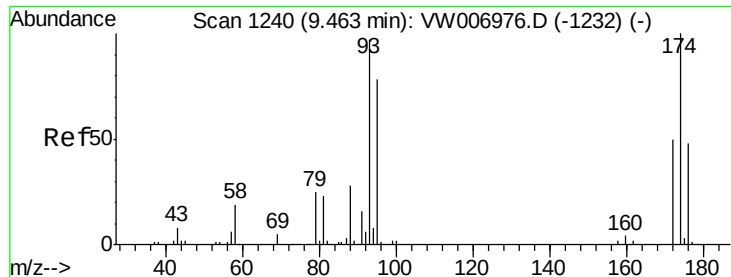
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#48
Methyl methacrylate
Concen: 18.326 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	41	Resp	10956
Ion Ratio	100	Lower	Upper
41	100		
69	90.1	71.4	107.0
39	59.3	44.8	67.2





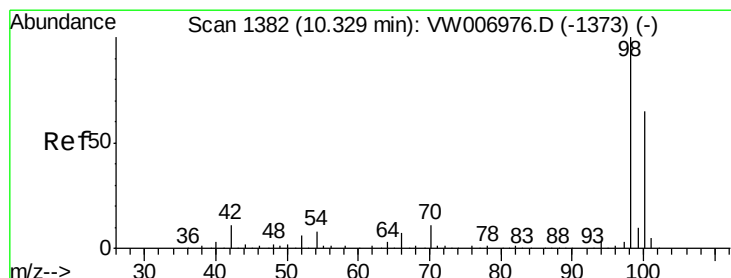
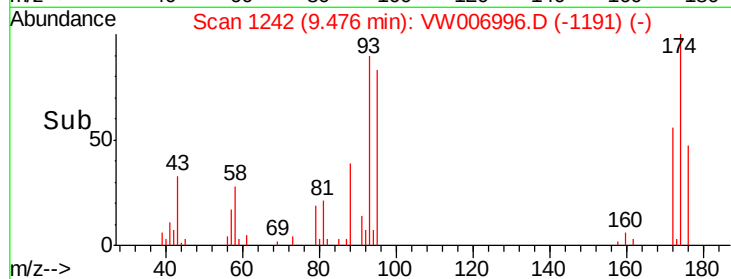
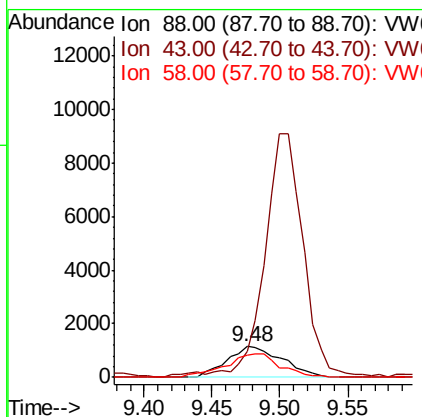
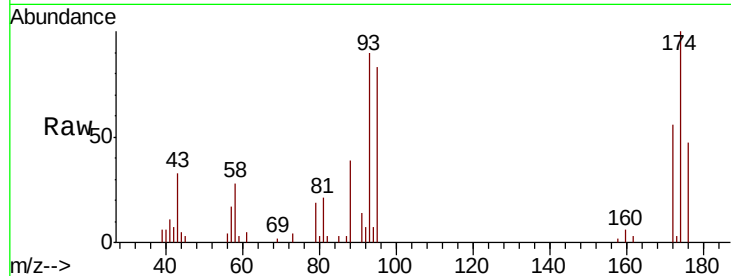
#49
1,4-Dioxane
Concen: 364.125 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	88	Resp	3238
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.4	59.0	88.6

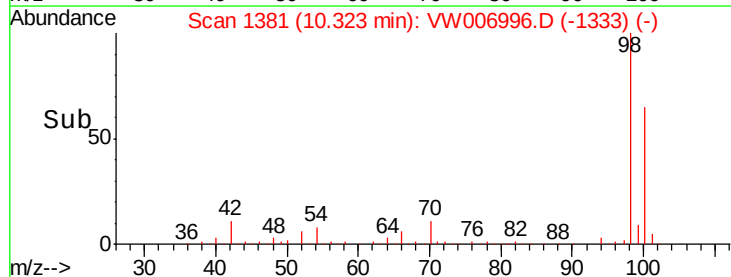
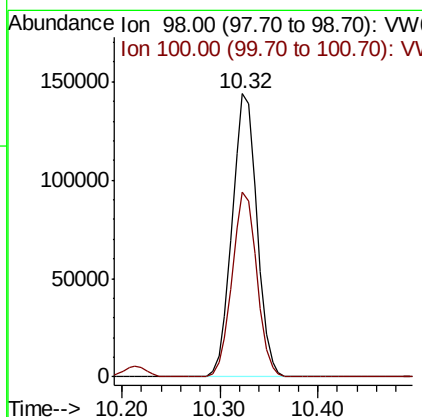
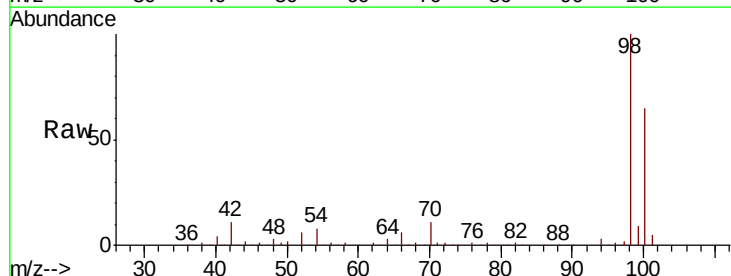
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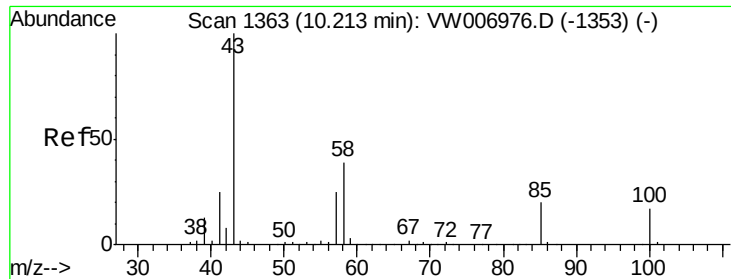
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#50
Toluene-d8
Concen: 55.342 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	98	Resp	253573
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 94.797 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 43 Resp: 59398

Ion Ratio Lower Upper

43 100

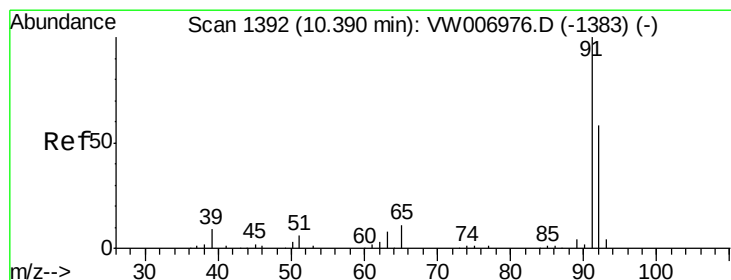
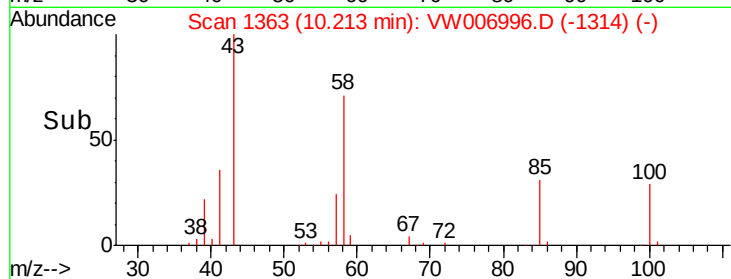
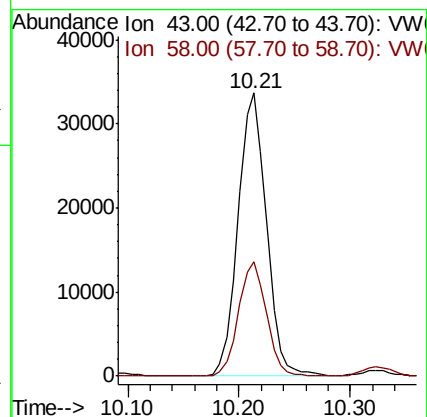
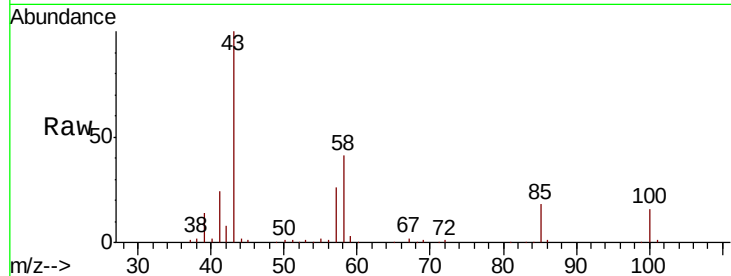
58 39.5 31.8 47.6

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#52

Toluene

Concen: 19.937 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006996.D

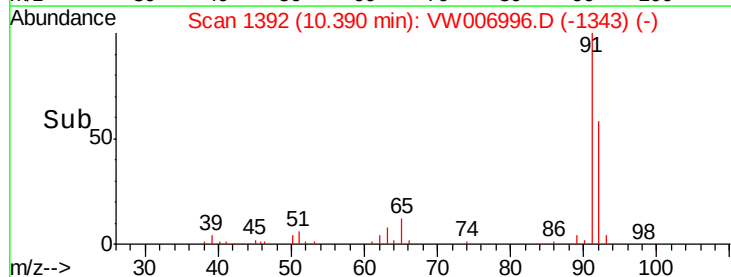
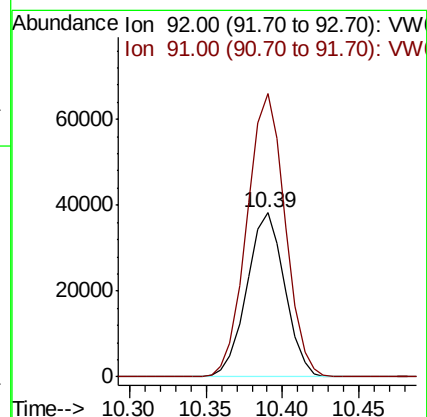
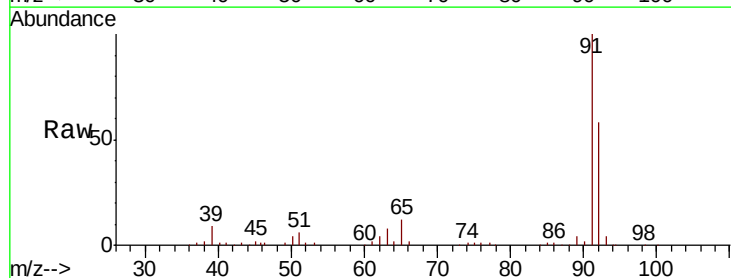
Acq: 21 Nov 2018 12:46

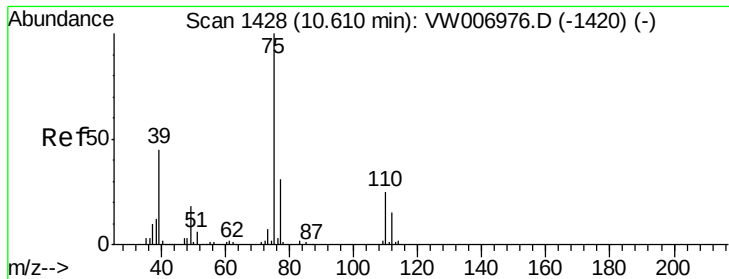
Tgt Ion: 92 Resp: 65759

Ion Ratio Lower Upper

92 100

91 174.0 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 19.984 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 75 Resp: 30516

Ion Ratio Lower Upper

75 100

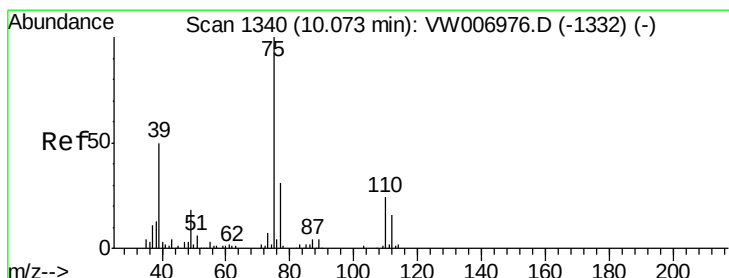
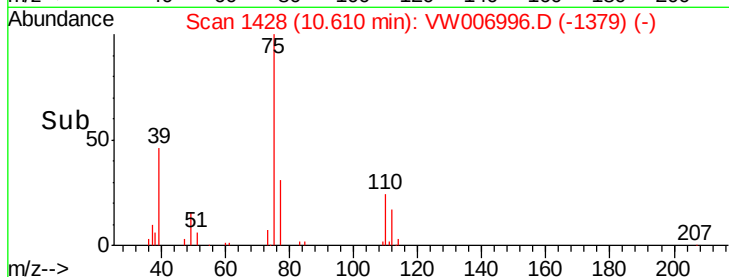
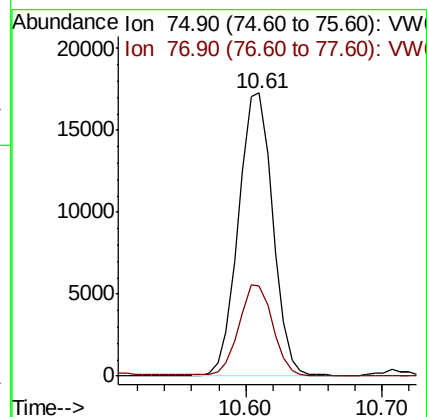
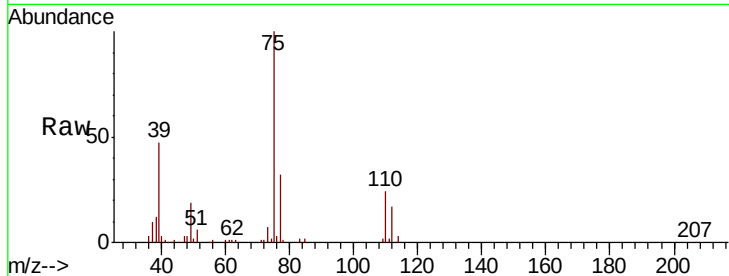
77 32.0 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 20.029 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

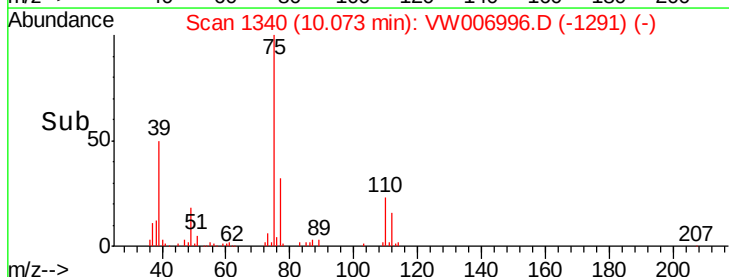
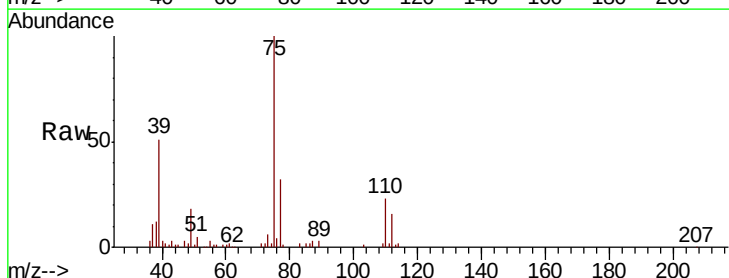
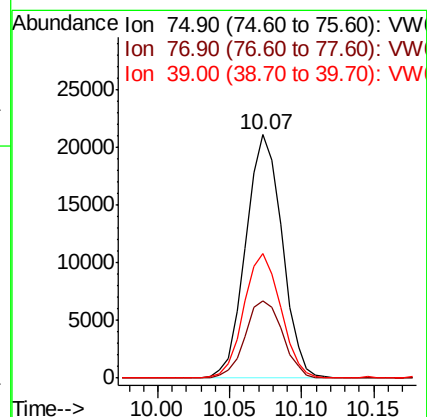
Tgt Ion: 75 Resp: 36951

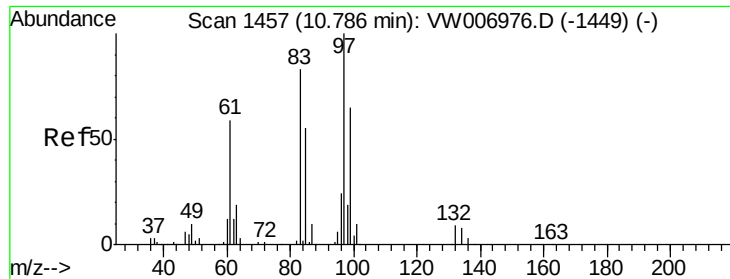
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 51.0 39.9 59.9





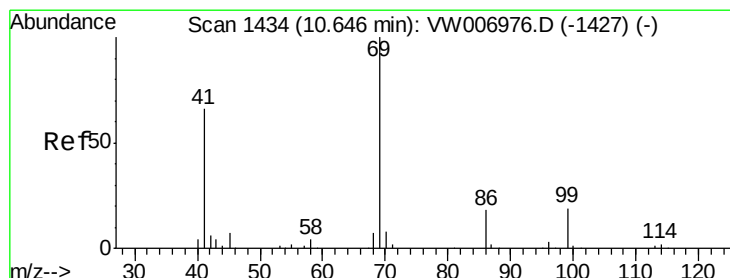
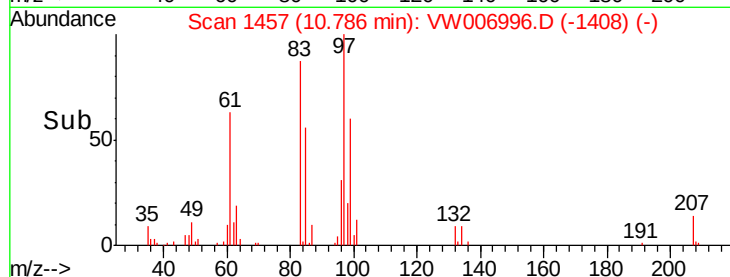
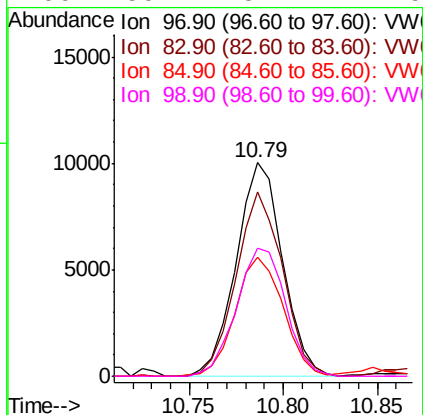
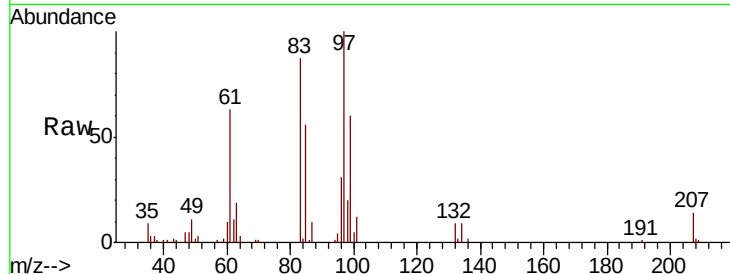
#55
 1,1,2-Trichloroethane
 Concen: 19.468 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		17137		
83	86.6	66.4	99.6		
85	54.8	44.1	66.1		
99	59.7	51.7	77.5		

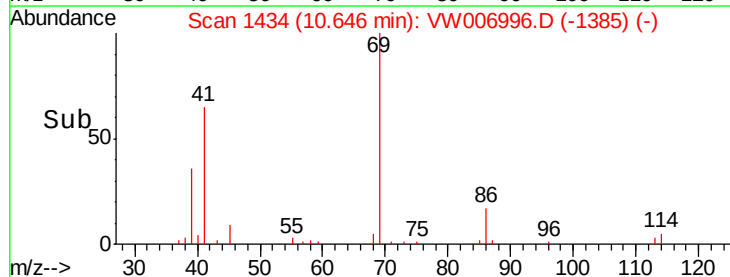
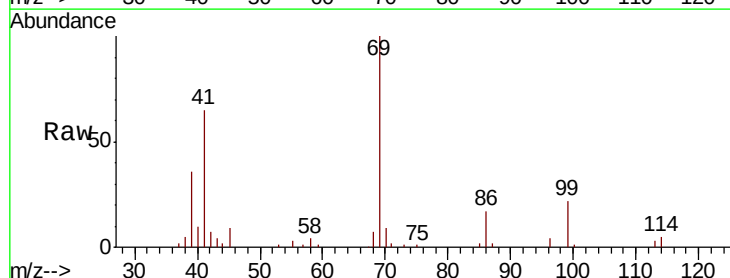
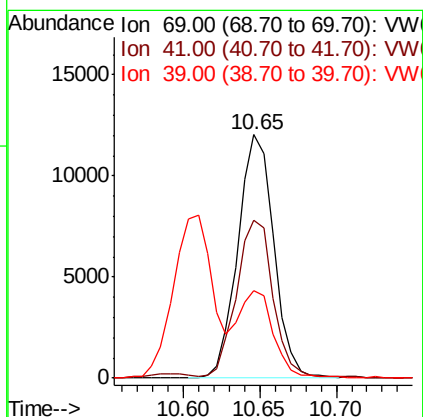
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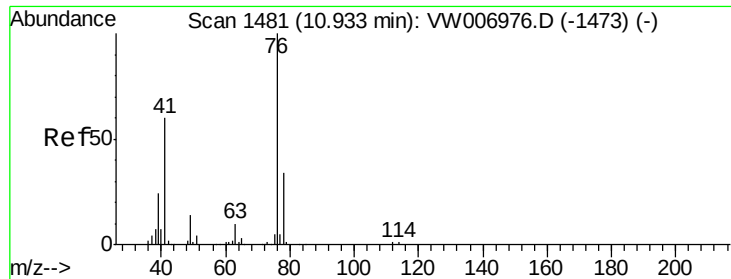
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#56
 Ethyl methacrylate
 Concen: 19.275 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		19695		
41	66.9	53.4	80.0		
39	35.7	28.2	42.4		





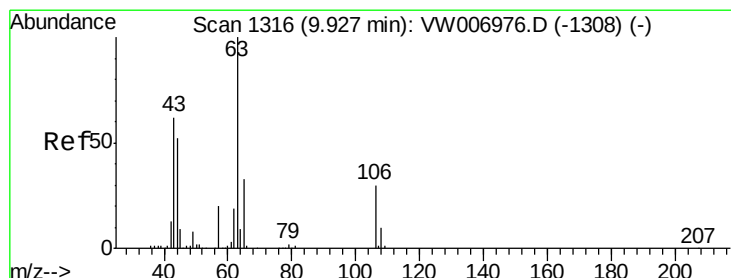
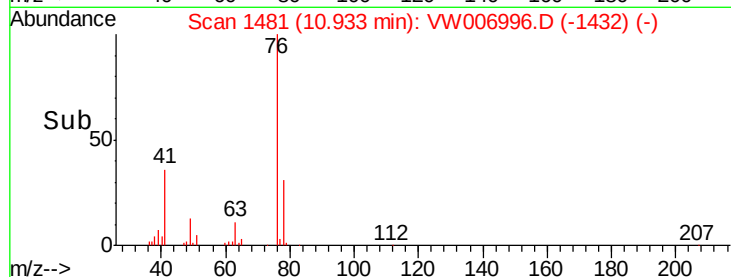
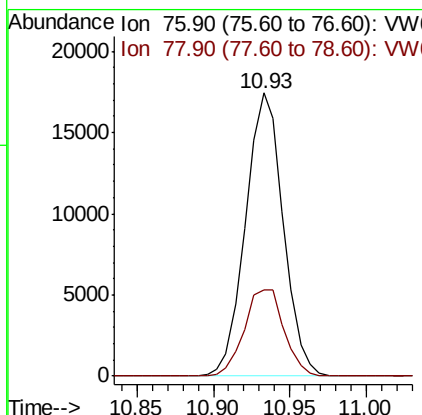
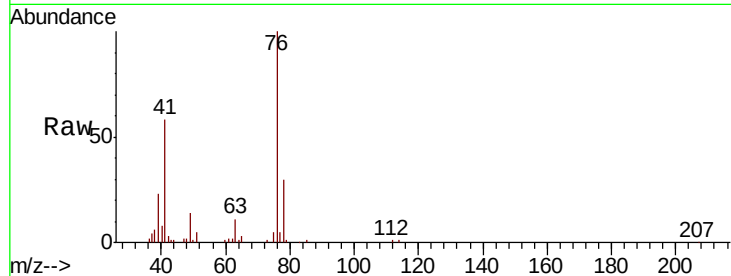
#57
 1,3-Dichloropropane
 Concen: 20.198 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion: 76 Resp: 29795
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

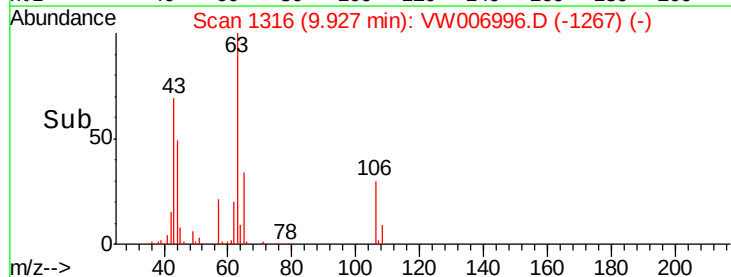
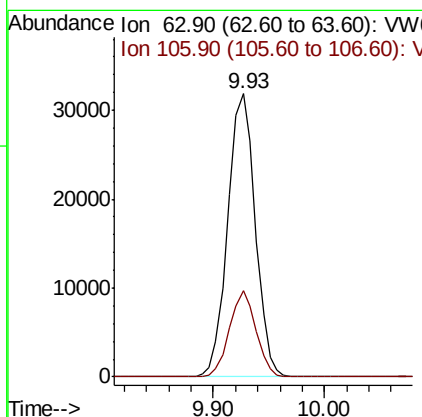
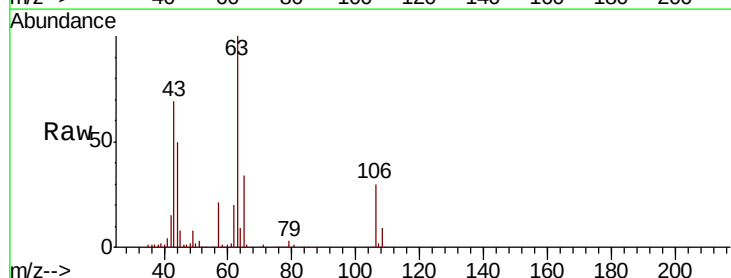
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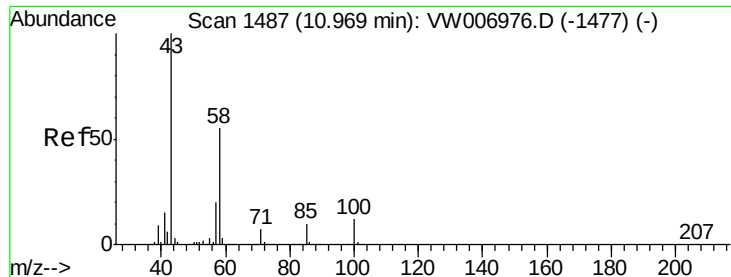
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.374 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 63 Resp: 54661
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.5 35.3





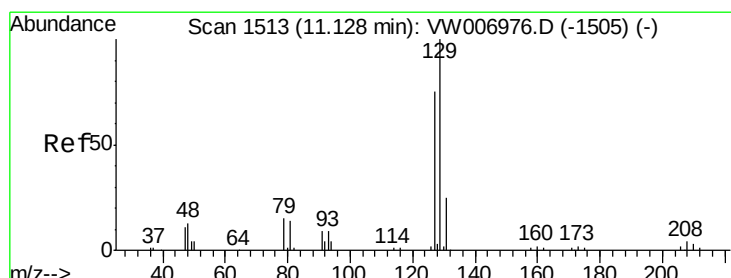
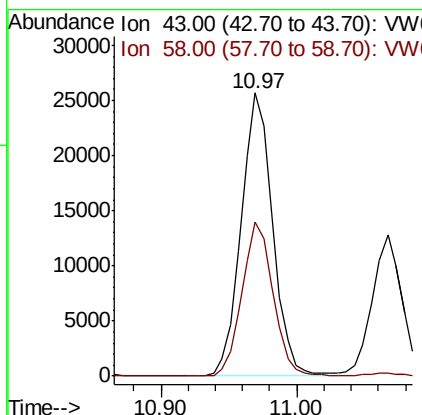
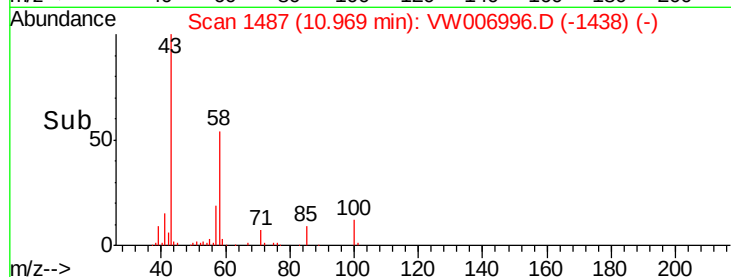
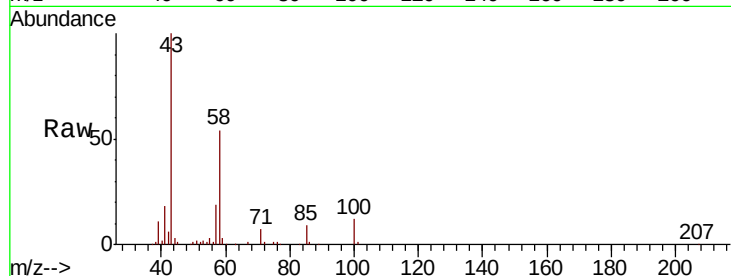
#59
2-Hexanone
Concen: 97.061 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion: 43 Resp: 41647
Ion Ratio Lower Upper
43 100
58 53.8 27.3 81.8

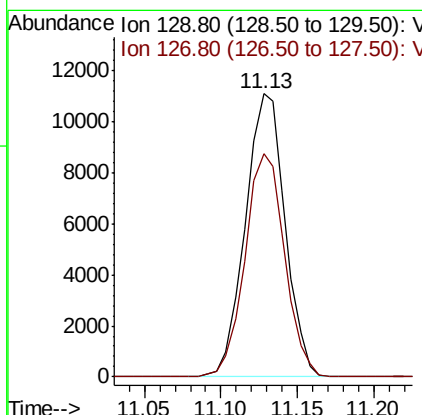
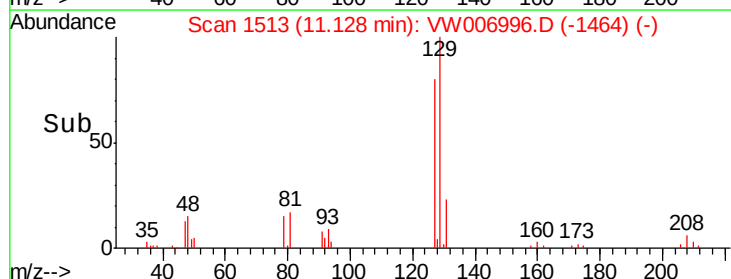
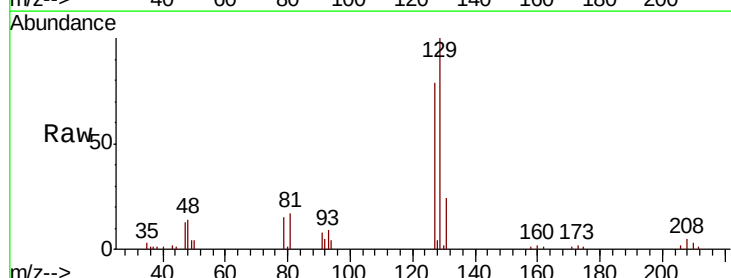
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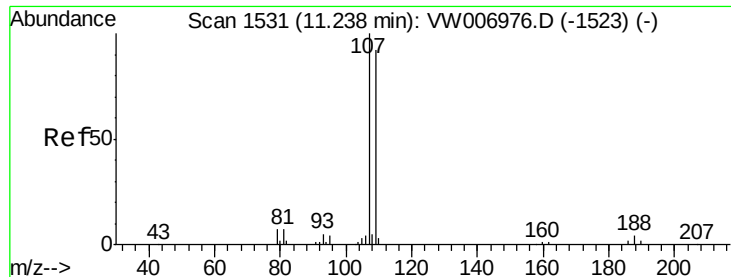
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#60
Dibromochloromethane
Concen: 19.976 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 129 Resp: 20036
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.102 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion:107 Resp: 16187

Ion Ratio Lower Upper

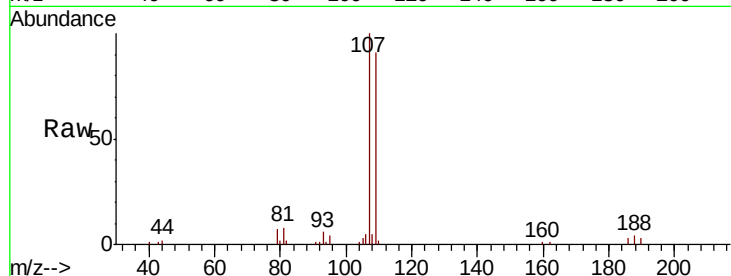
107 100

109 92.3 75.1 112.7

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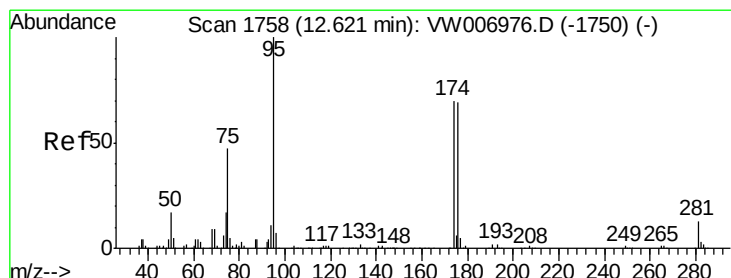
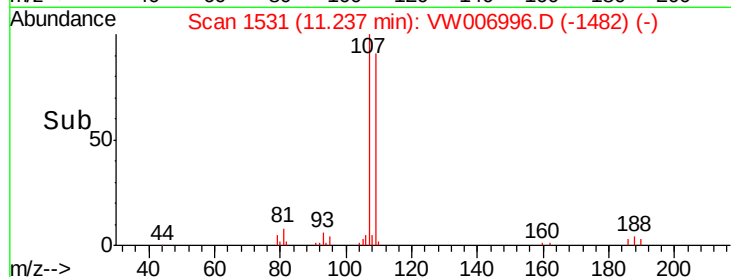
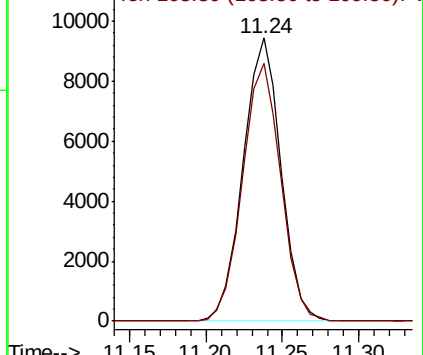
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.365 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

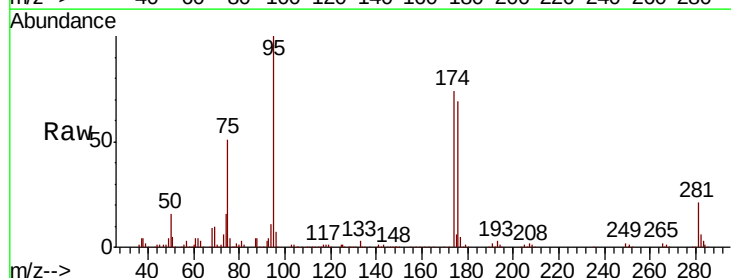
Tgt Ion: 95 Resp: 96219

Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.6

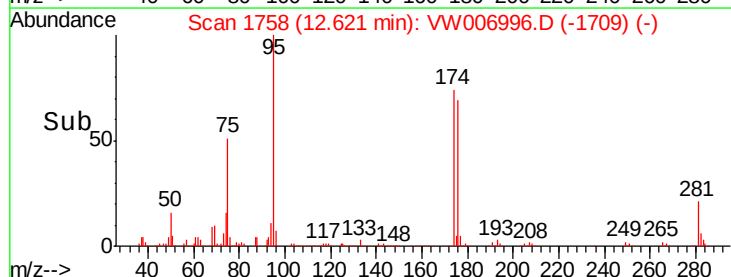
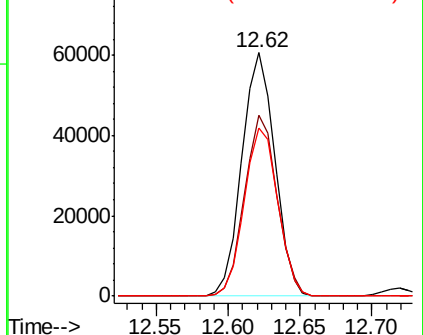
176 70.4 0.0 140.4

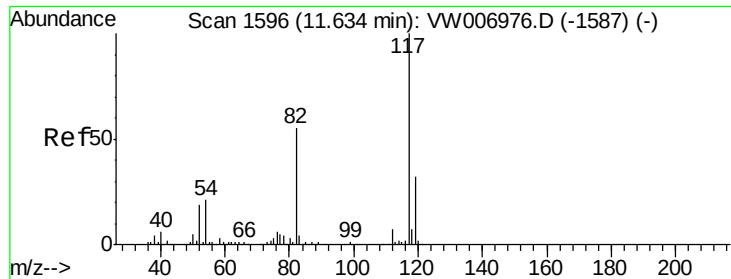


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





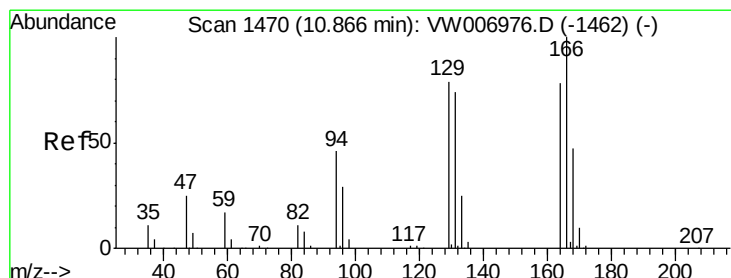
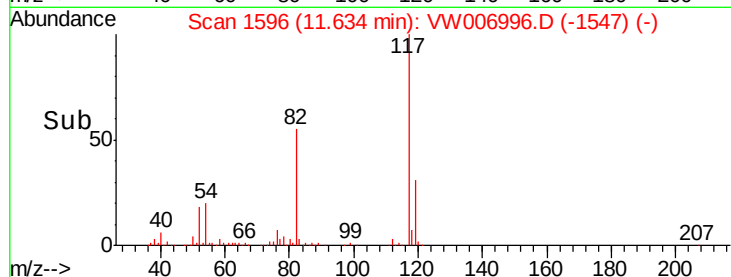
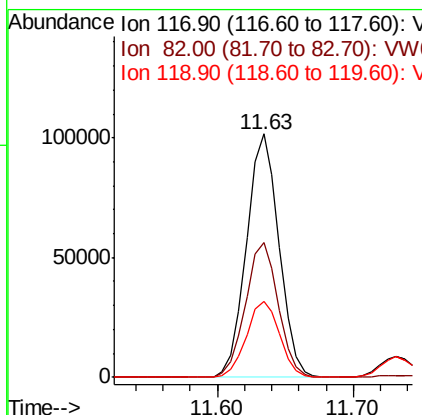
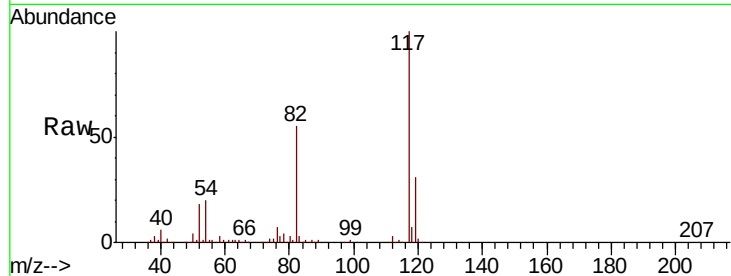
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	169944		
82	55.2		44.2	66.2
119	31.4		25.9	38.9

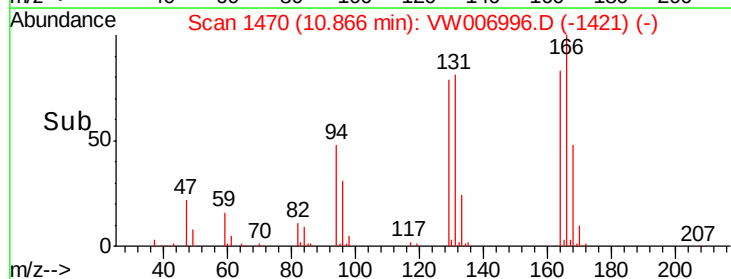
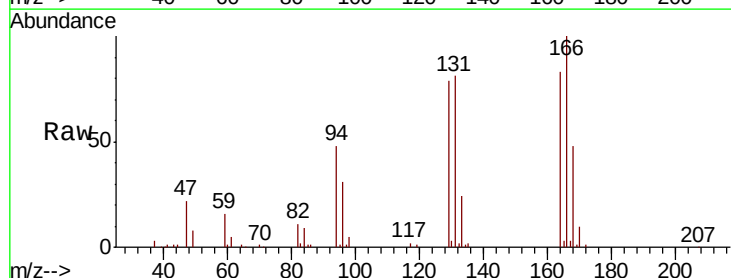
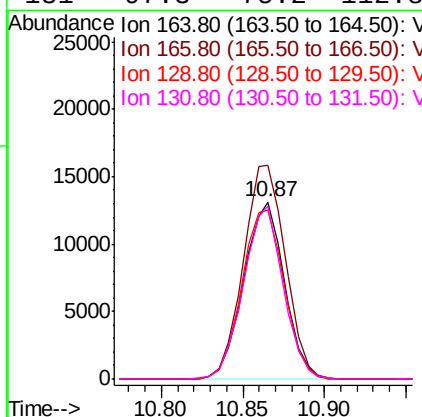
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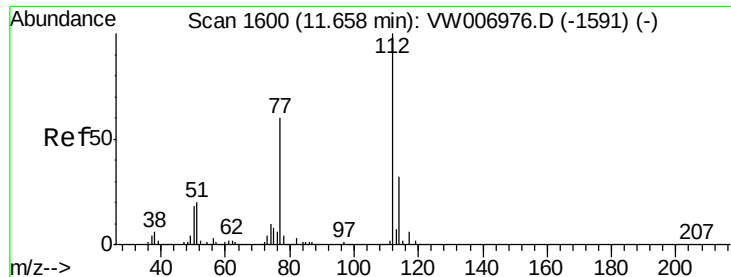
apatel
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#64
Tetrachloroethene
Concen: 20.636 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22561		
166	120.7		102.1	153.1
129	95.4		80.4	120.6
131	97.3		75.2	112.8





#65

Chlorobenzene

Concen: 20.866 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion:112 Resp: 74012

Ion Ratio Lower Upper

112 100

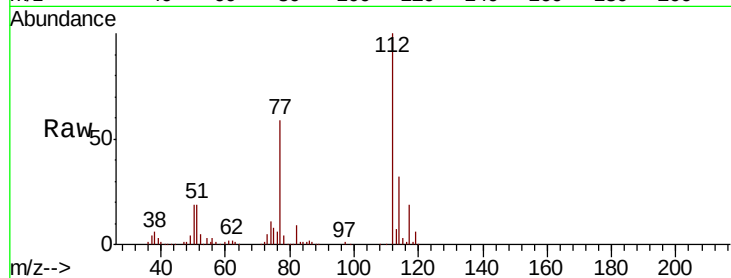
114 32.4 25.8 38.8

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

40000

30000

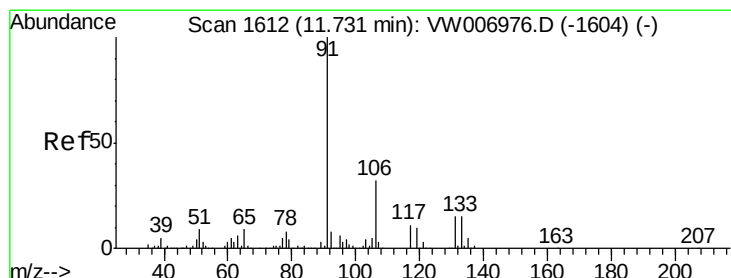
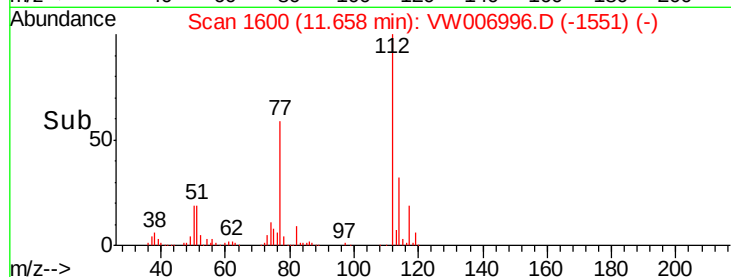
20000

10000

0

Time-->

11.60 11.65 11.70



#66

1,1,1,2-Tetrachloroethane

Concen: 21.058 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

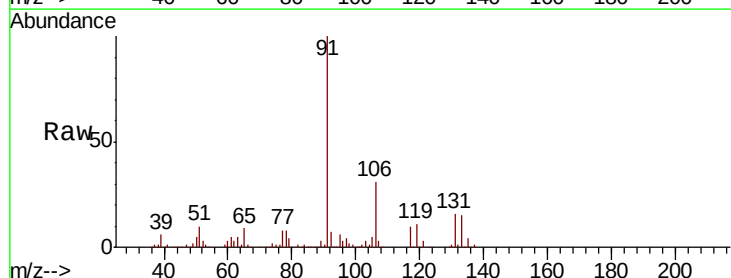
Tgt Ion:131 Resp: 22595

Ion Ratio Lower Upper

131 100

133 95.2 47.7 143.1

119 64.4 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

25000

20000

15000

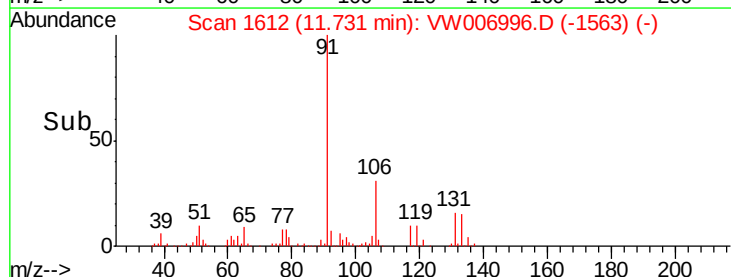
10000

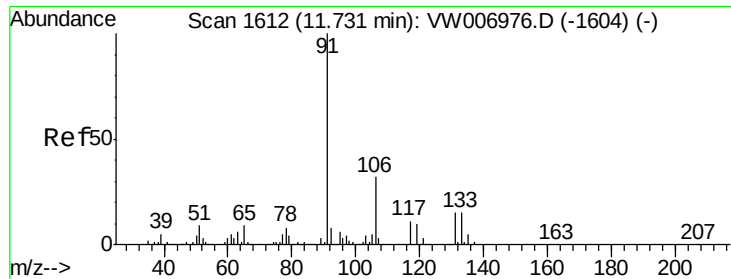
5000

0

Time-->

11.65 11.70 11.75 11.80





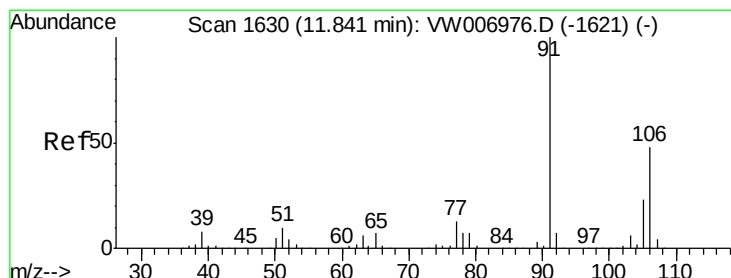
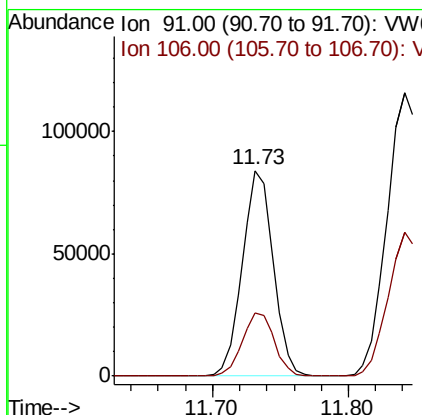
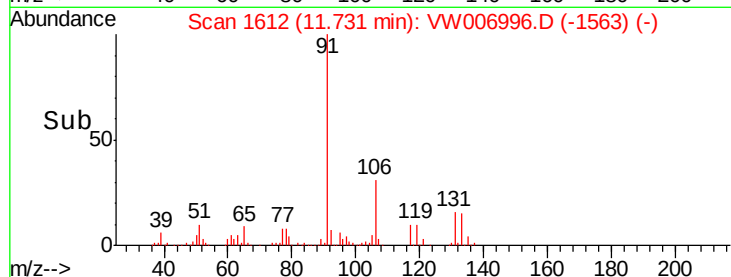
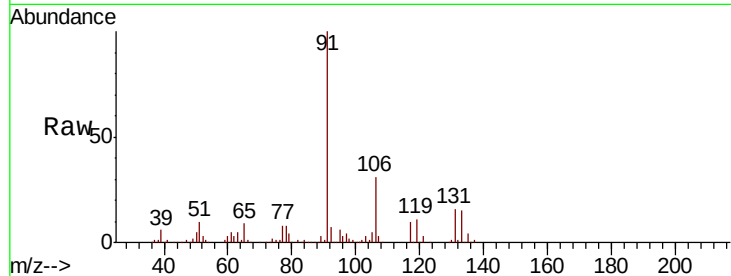
#67
Ethyl Benzene
Concen: 20.527 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampled :
VW1122SBS01

Tot Ion: 91 Resp: 133755
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2

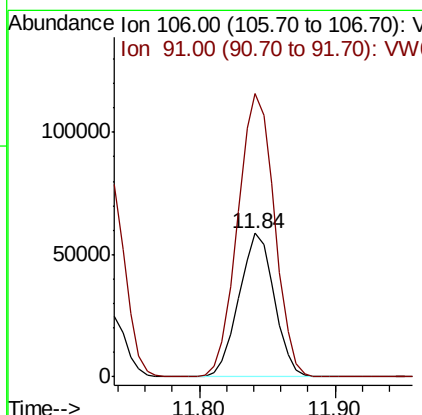
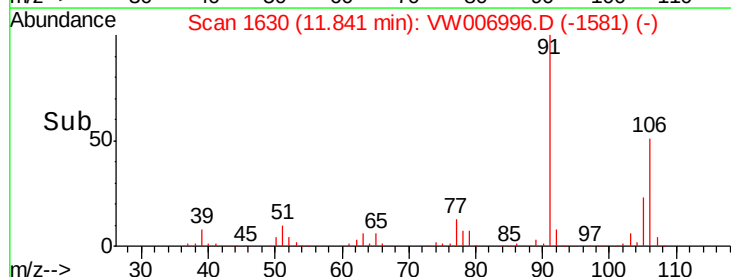
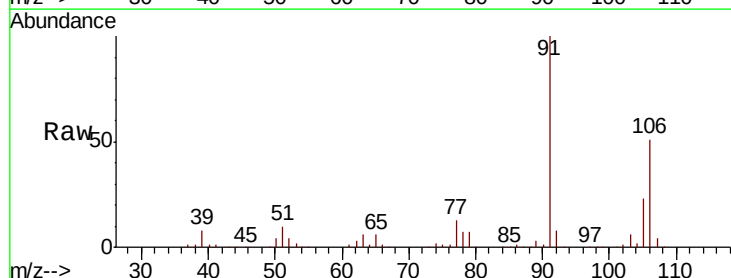
Manual Integrations
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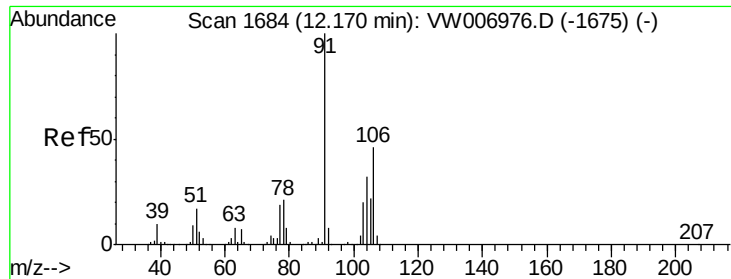
apatel
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#68
m/p-Xylenes
Concen: 41.631 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 106 Resp: 106426
Ion Ratio Lower Upper
106 100
91 204.9 164.8 247.2





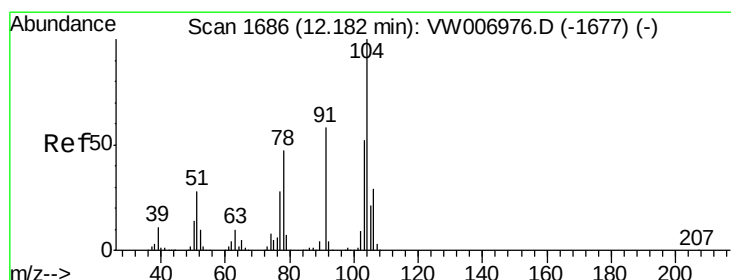
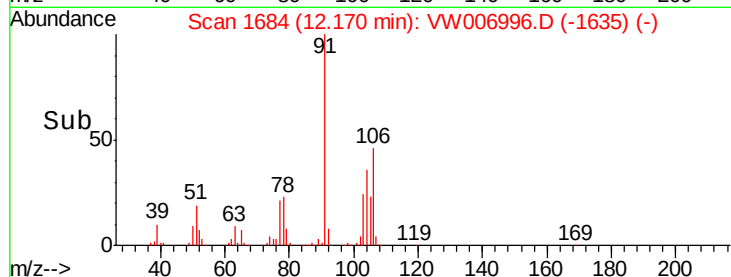
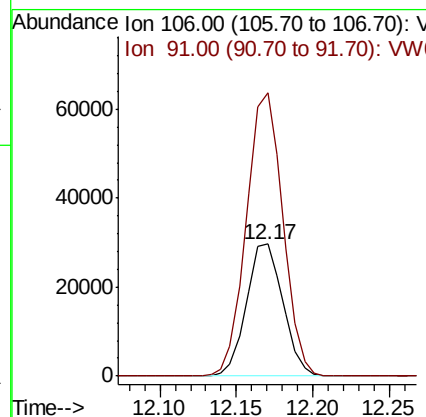
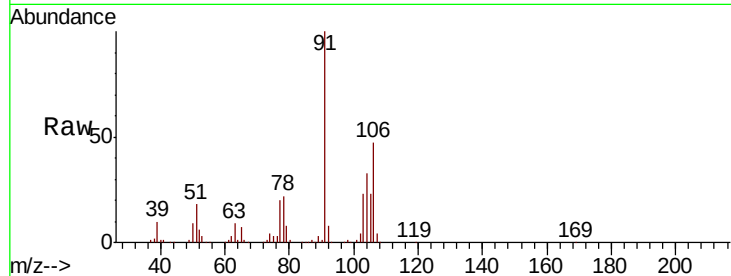
#69
o-Xylene
Concen: 20.472 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion:106 Resp: 49349
Ion Ratio Lower Upper
106 100
91 214.0 107.9 323.8

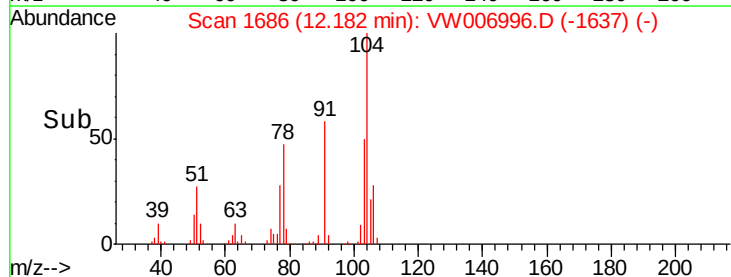
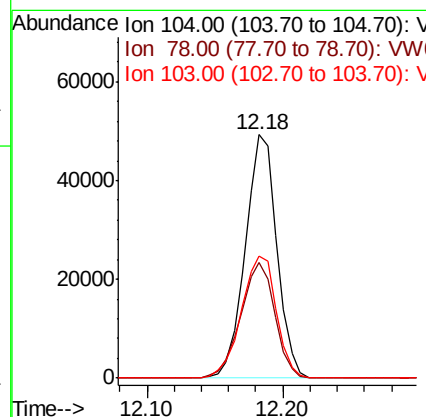
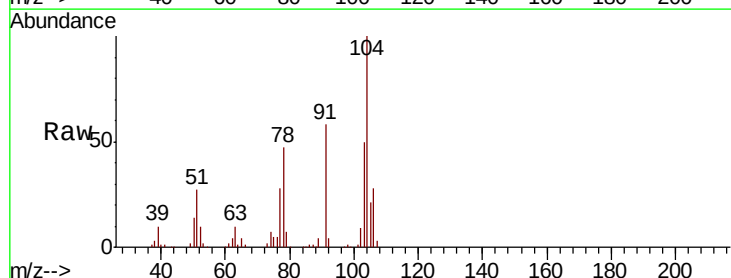
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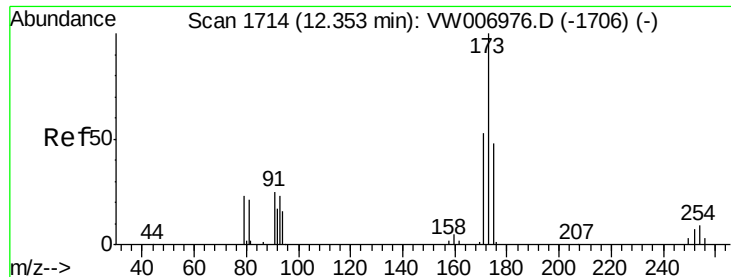
apatel
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#70
Styrene
Concen: 20.806 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion:104 Resp: 79824
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.8
103 55.8 44.4 66.6





#71

Bromoform

Concen: 20.160 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

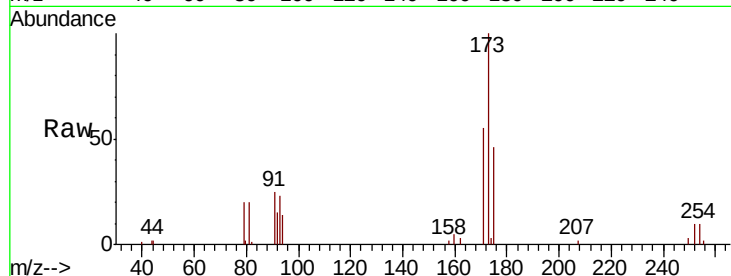
ClientSampleId :

VW1122SBS01

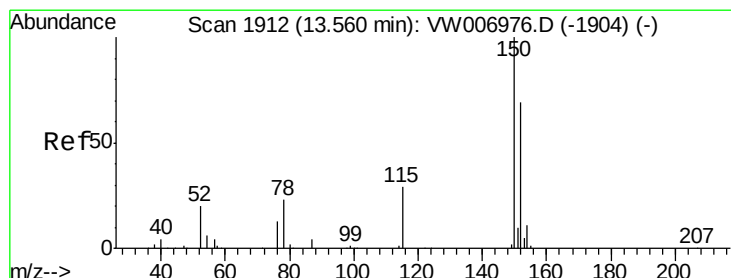
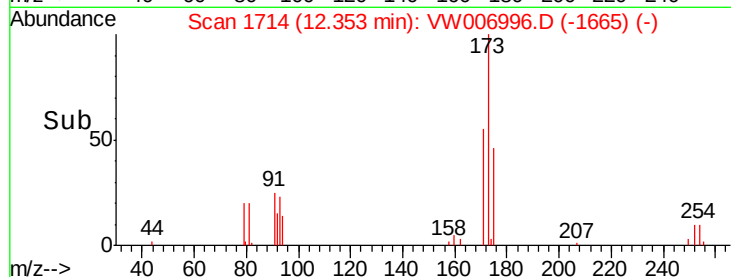
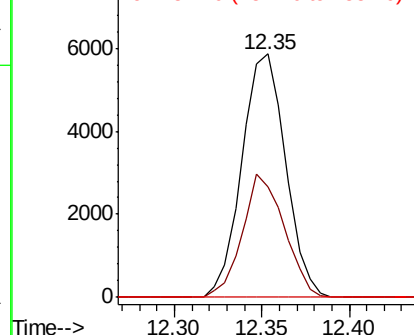
Tot Ion:	173	Resp:	10190
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.0	72.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

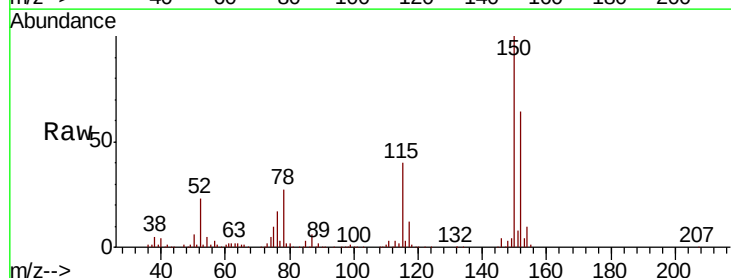
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

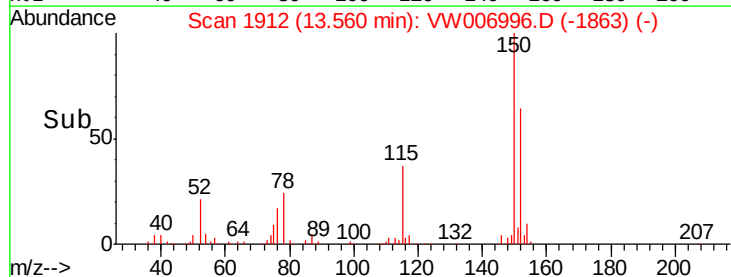
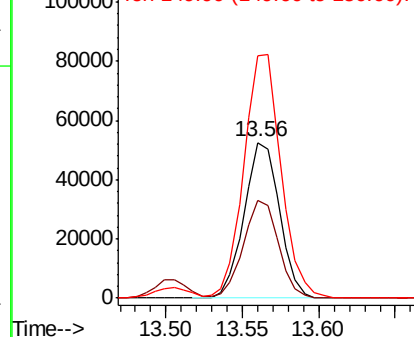
Lab File: VW006996.D

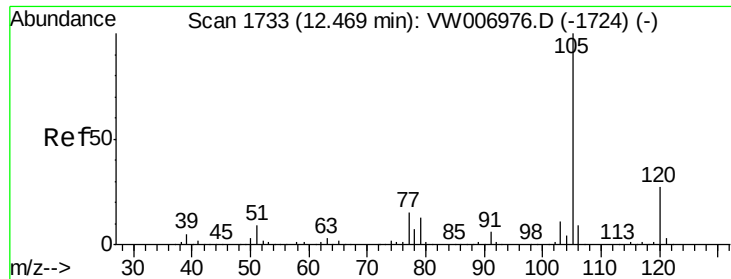
Acq: 21 Nov 2018 12:46

Tgt Ion:	152	Resp:	84413
Ion Ratio	Lower	Upper	
152	100		
115	62.0	31.4	94.2
150	164.6	0.0	353.4



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





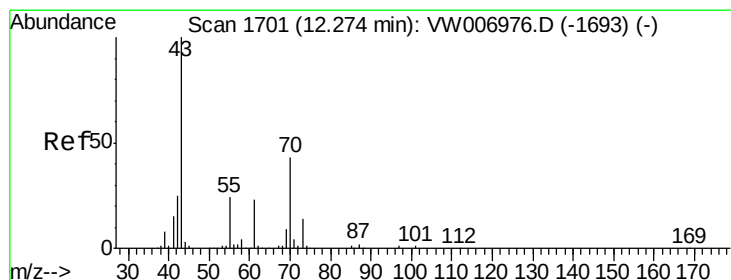
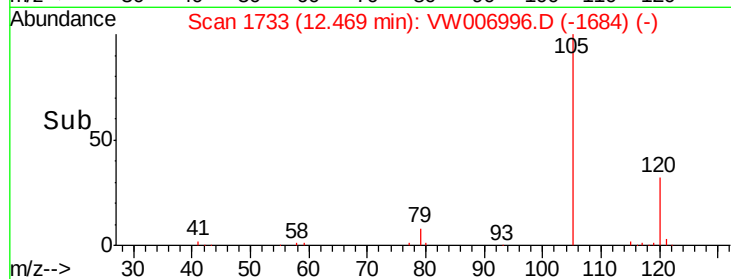
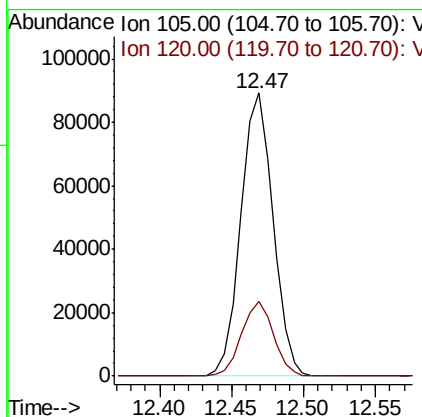
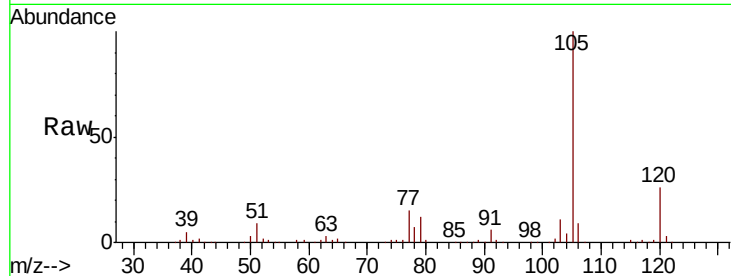
#73
Isopropylbenzene
Concen: 21.074 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.3	39.8

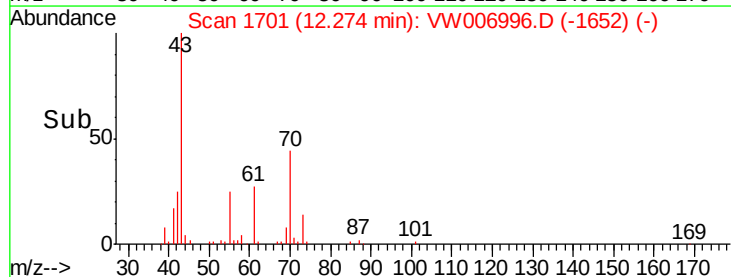
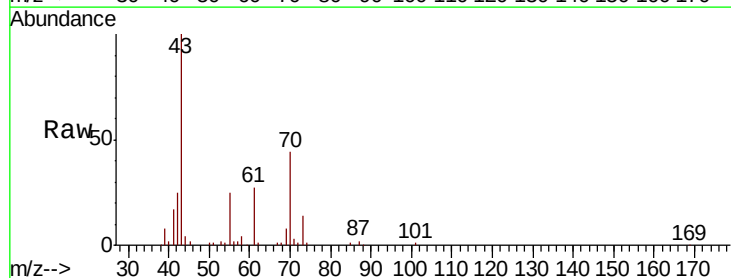
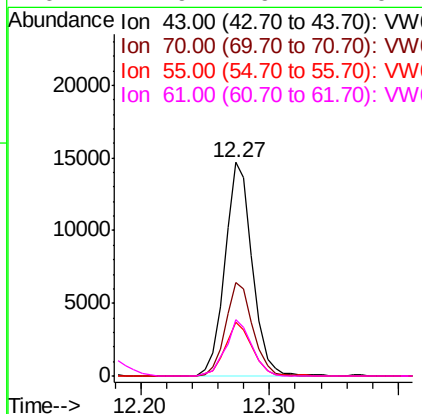
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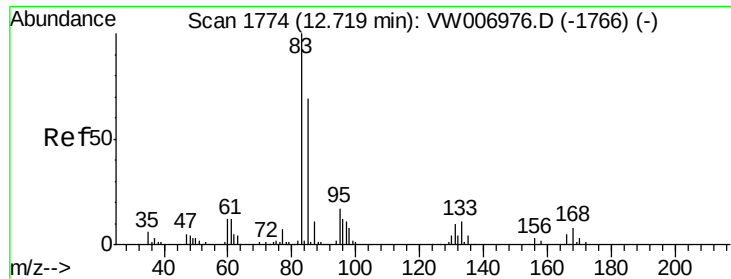
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#74
N-ethyl acetate
Concen: 19.909 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.4	34.0	51.0
55	25.0	19.4	29.0
61	24.9	19.4	29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.753 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

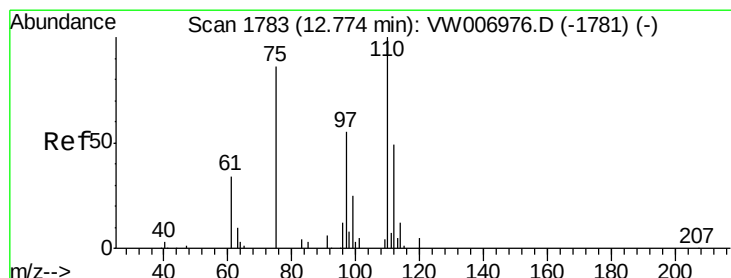
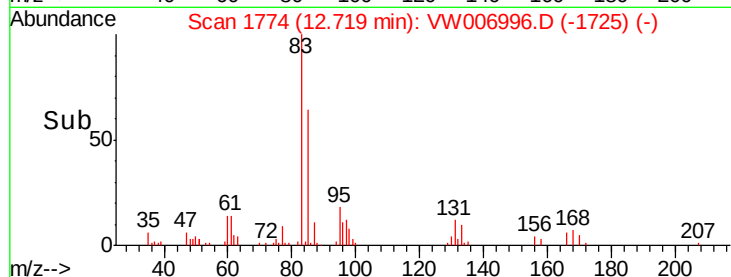
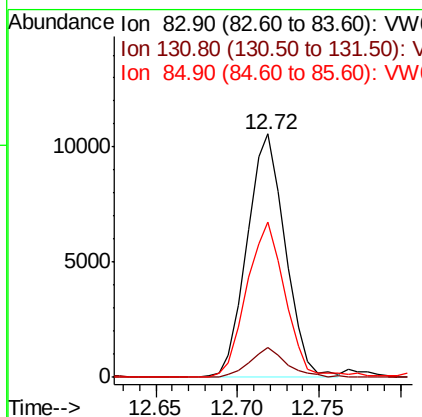
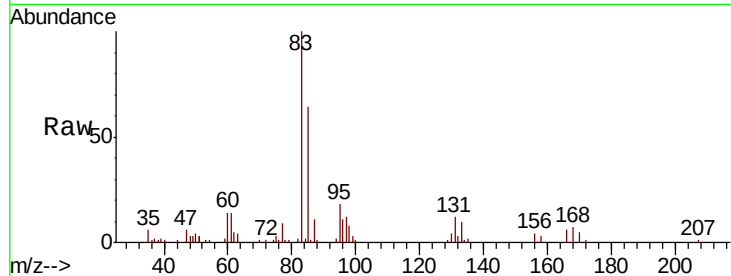
ClientSampleId :

VW1122SBS01

Tot Ion:	83	Resp:	17246
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.7	17.1
85	65.1	33.1	99.2

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#76

1,2,3-Trichloropropane

Concen: 16.415 ug/l m

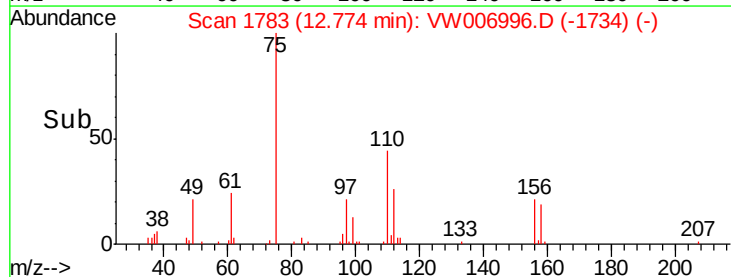
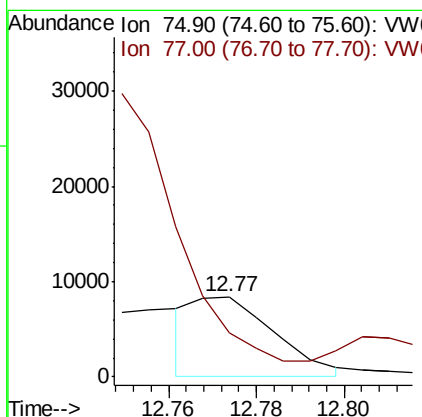
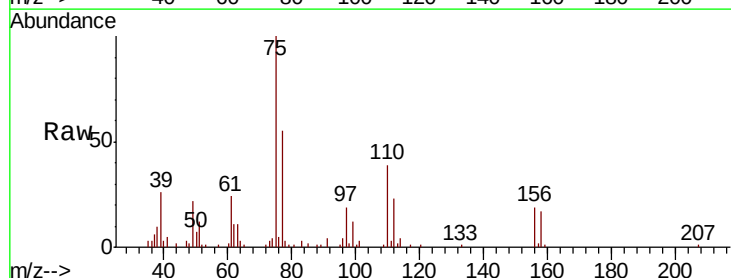
RT: 12.77 min Scan# 1783

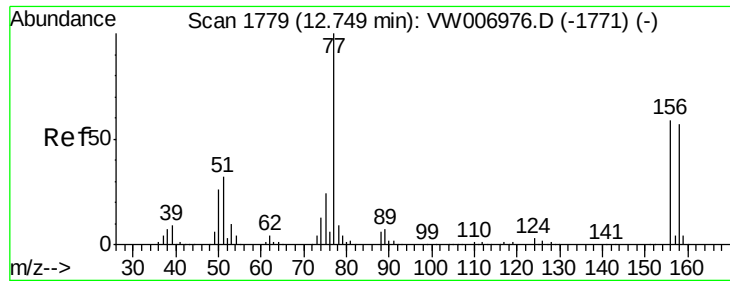
Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Tgt Ion:	75	Resp:	10888
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.442 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

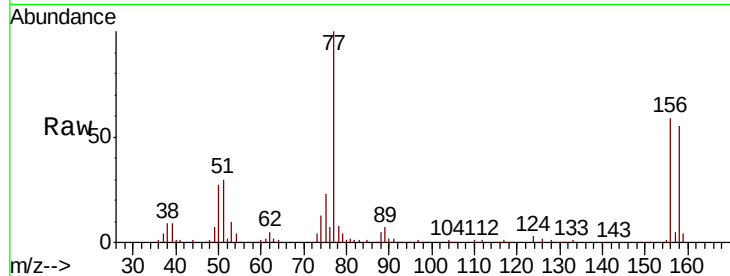
ClientSampleId :

VW1122SBS01

Tot Ion:	156	Resp:	28804
Ion Ratio	Lower	Upper	
156	100		
77	185.9	94.6	283.8
158	95.1	48.9	146.7

Manual Integrations
APPROVED

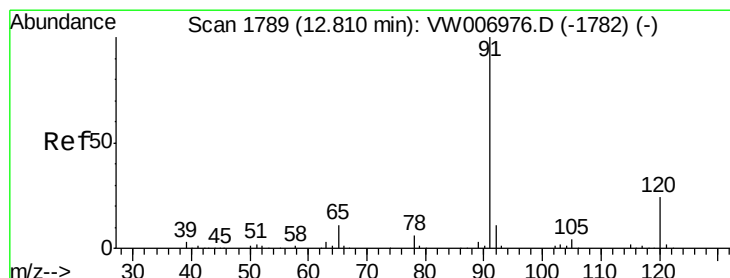
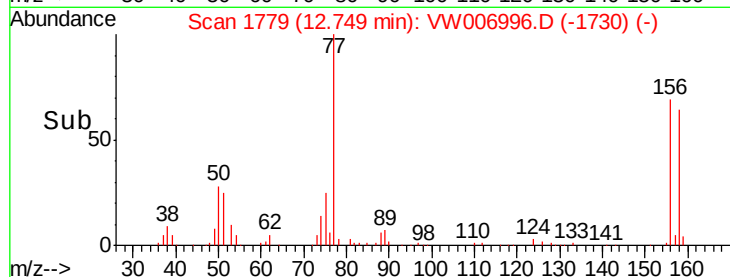
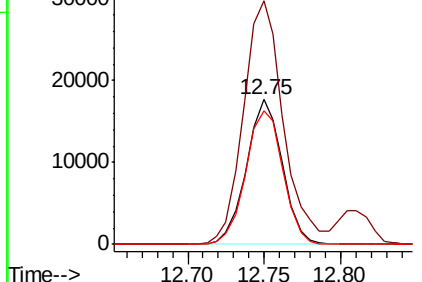
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.056 ug/l

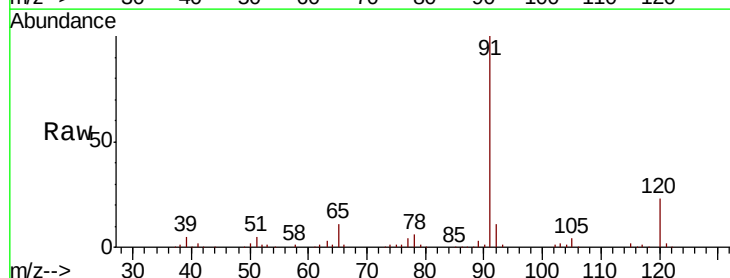
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006996.D

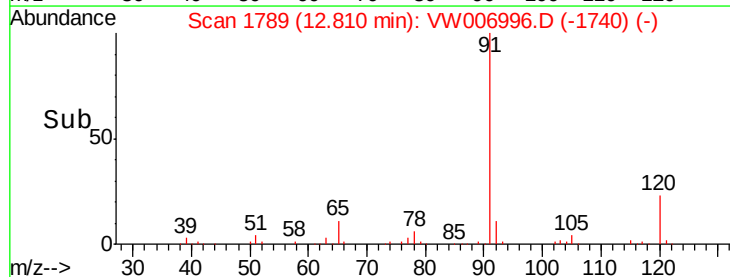
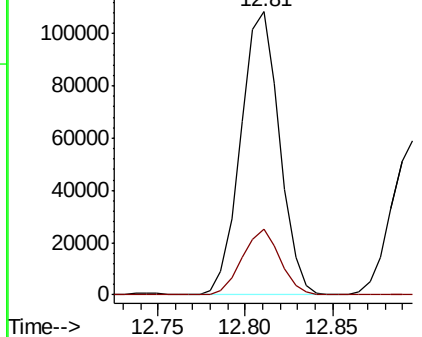
Acq: 21 Nov 2018 12:46

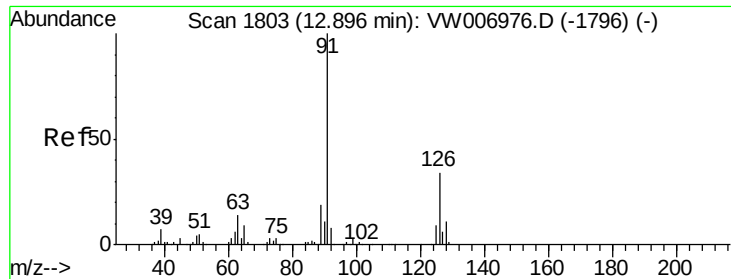
Tgt Ion:	91	Resp:	167326
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.593 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion: 91 Resp: 94359

Ion Ratio Lower Upper

91 100

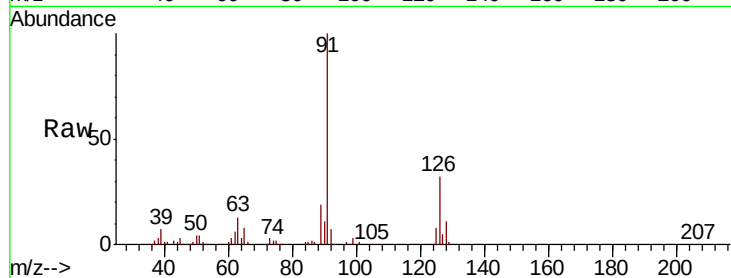
126 33.3 16.7 50.0

Manual Integrations

APPROVED

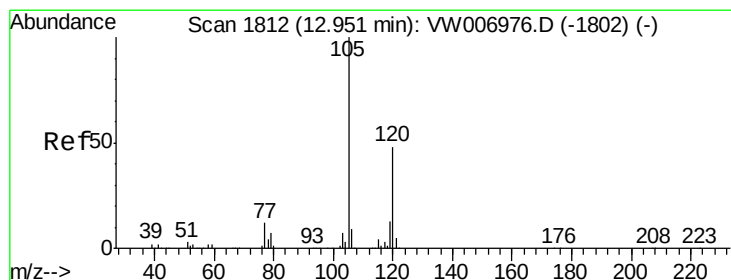
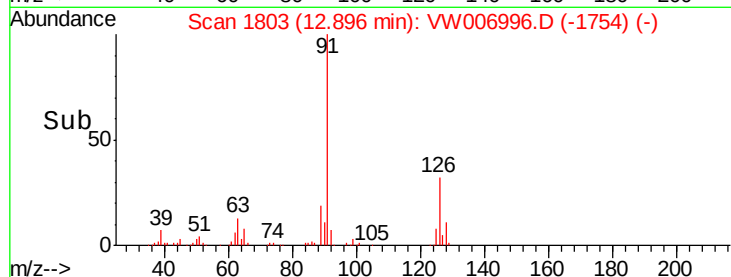
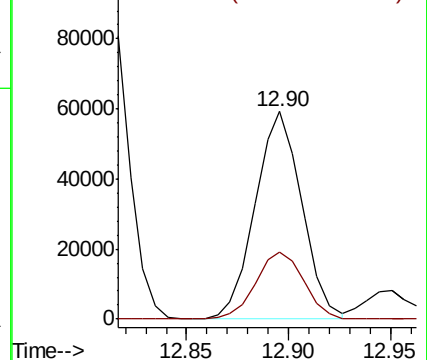
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.786 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006996.D

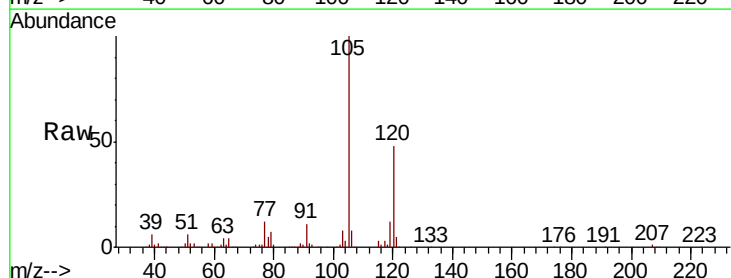
Acq: 21 Nov 2018 12:46

Tgt Ion:105 Resp: 117925

Ion Ratio Lower Upper

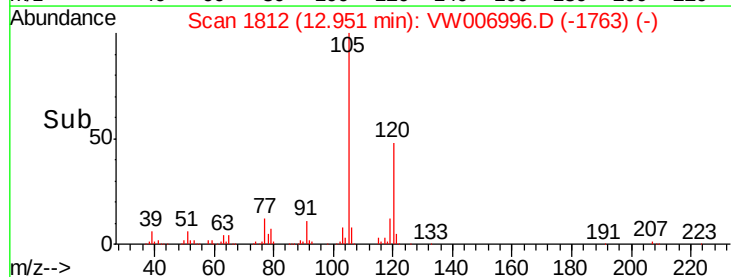
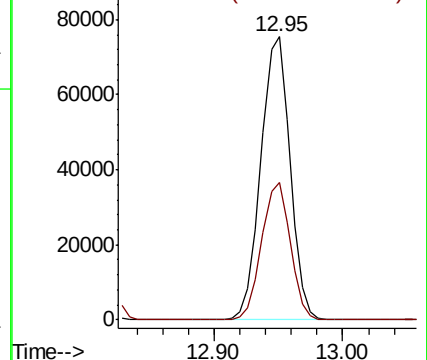
105 100

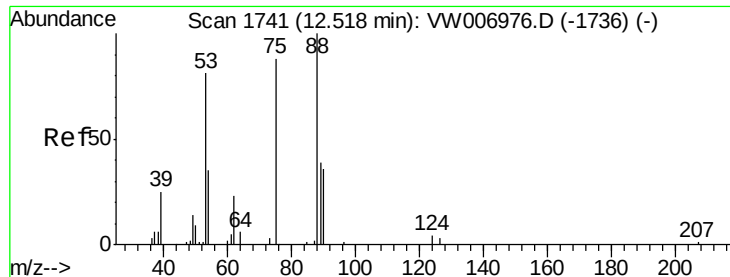
120 47.7 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





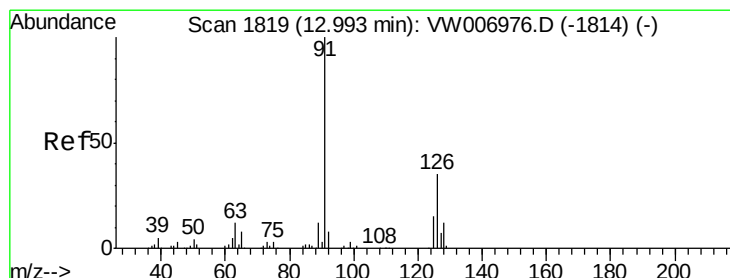
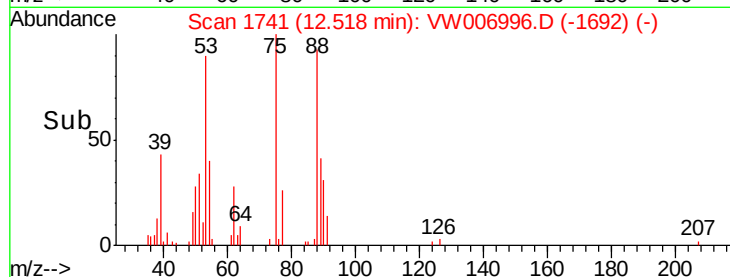
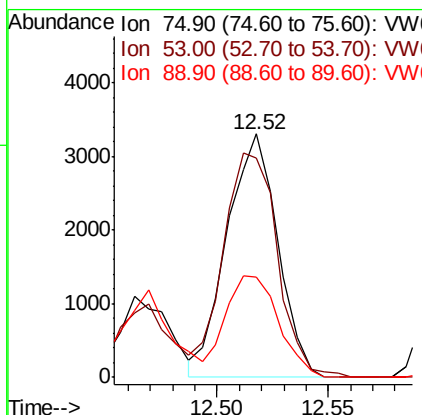
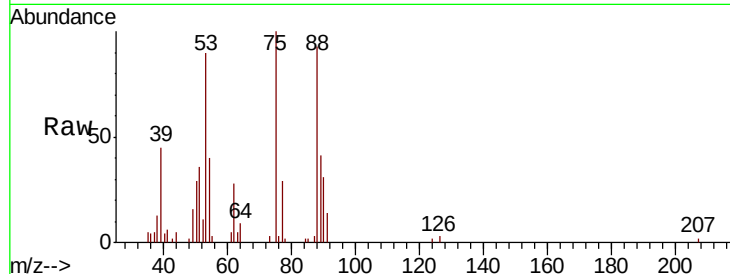
#81
trans-1,4-Dichloro-2-butene
Concen: 19.863 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	77.6	116.4
89	43.4	39.3	58.9

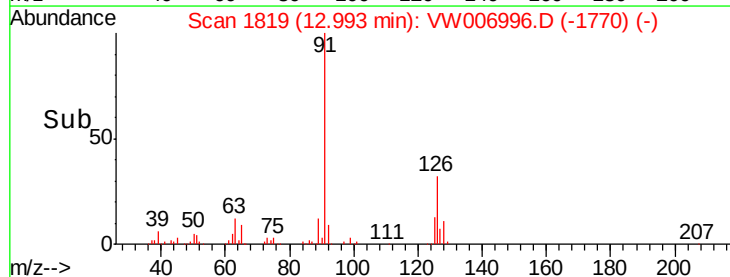
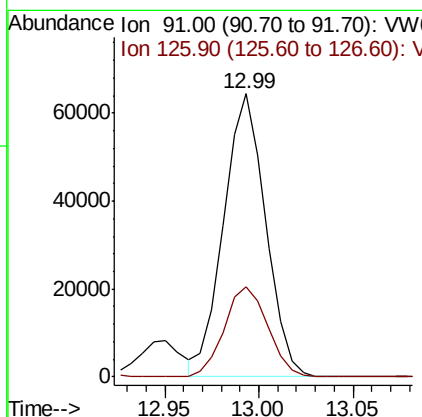
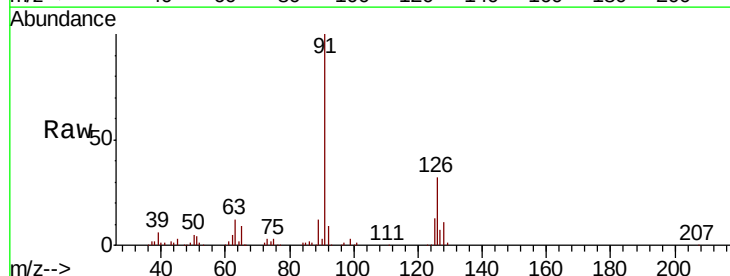
Manual Integrations
APPROVED

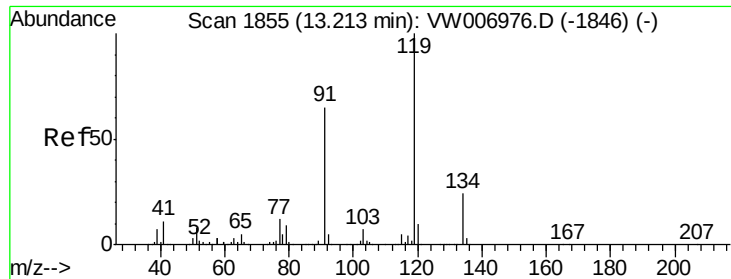
apatel
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#82
4-Chlorotoluene
Concen: 20.686 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.6	49.7





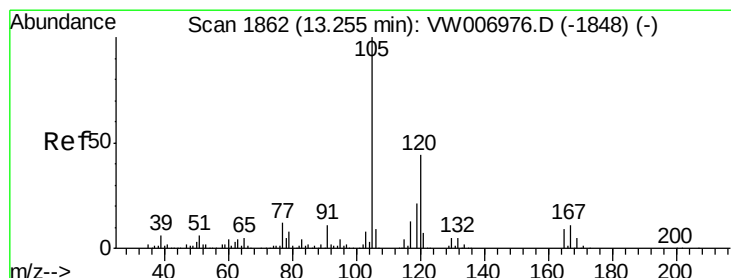
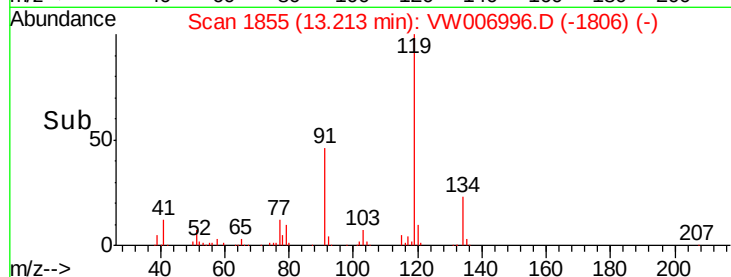
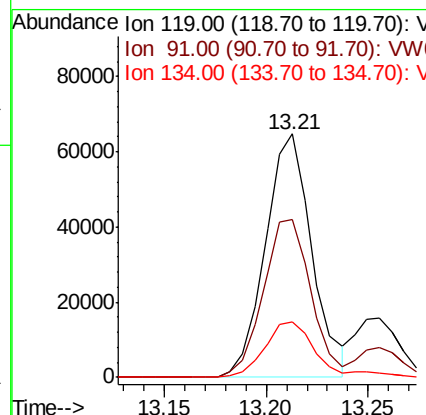
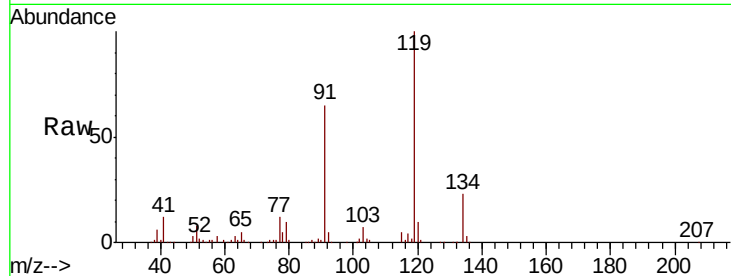
#83
 tert-Butylbenzene
 Concen: 20.994 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	103117		
91	66.3	33.5	100.5	
134	25.3	12.6	37.8	

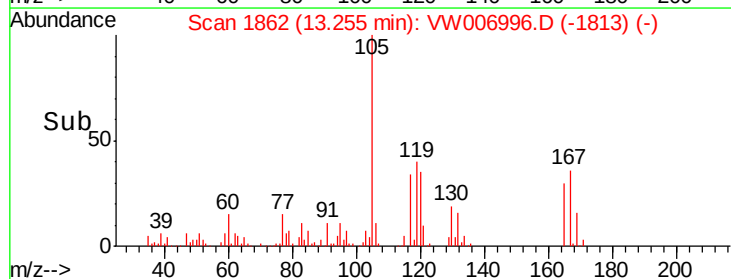
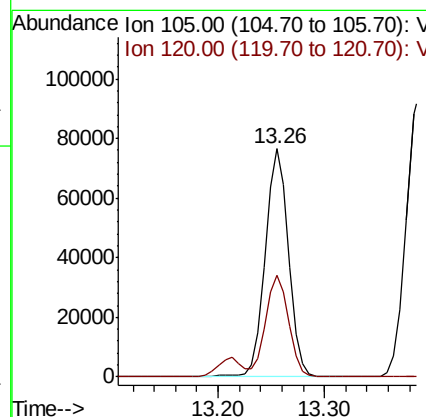
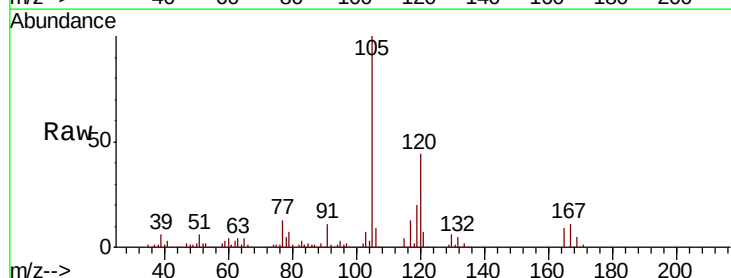
Manual Integrations
 APPROVED

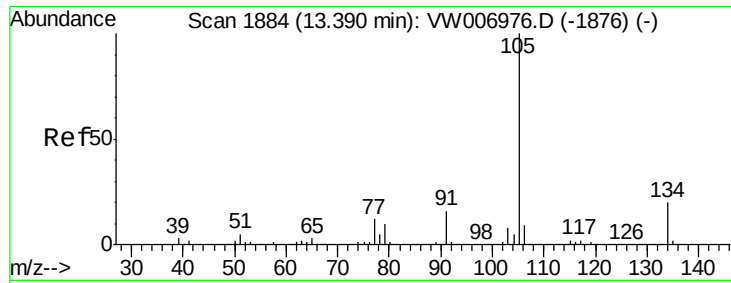
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.740 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	117225		
120	43.6	21.8	65.3	





#85

sec-Butylbenzene

Concen: 20.900 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

Tot Ion:105 Resp: 145023

Ion Ratio Lower Upper

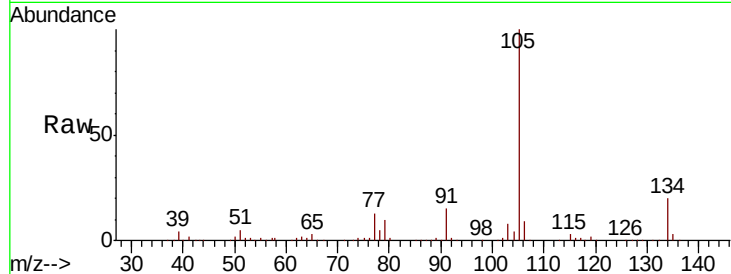
105 100

134 19.4 9.8 29.3

Manual Integrations
APPROVED

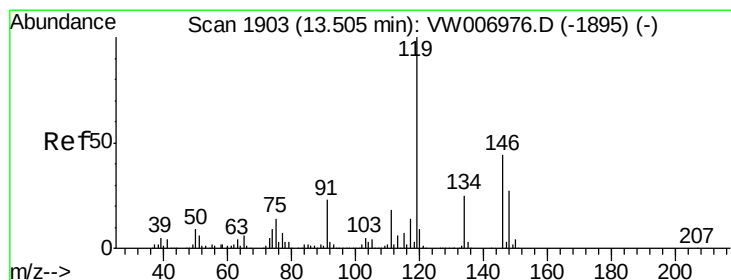
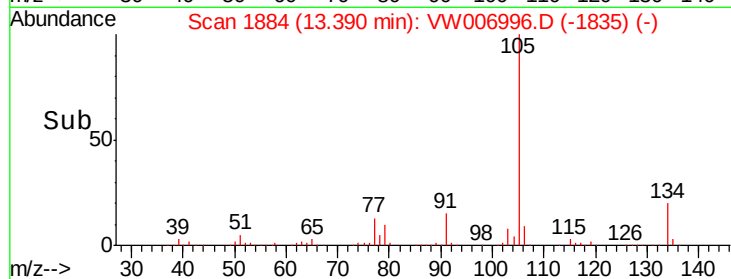
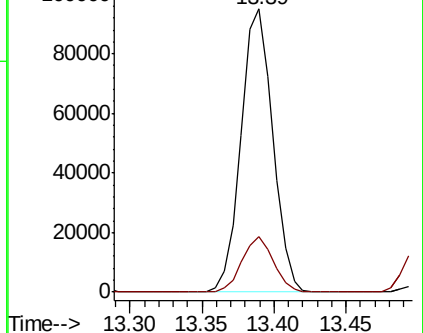
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.878 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

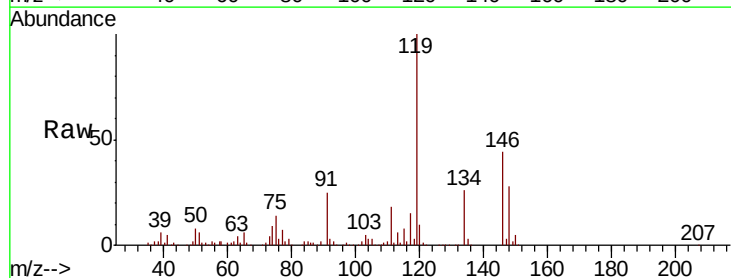
Tgt Ion:119 Resp: 127805

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.3

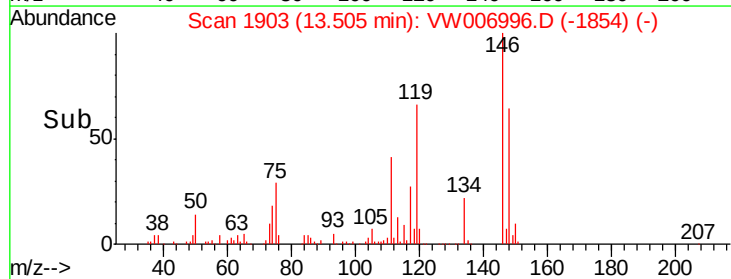
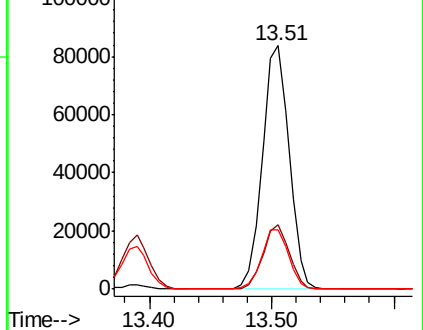
91 25.0 12.2 36.6

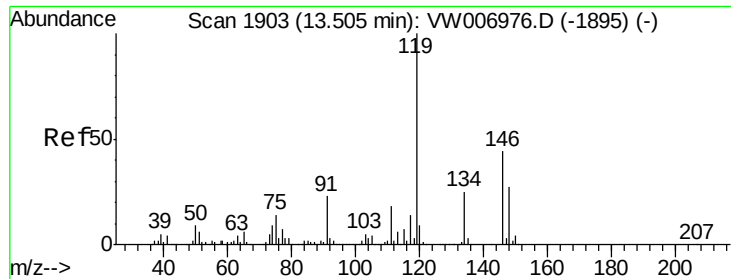


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





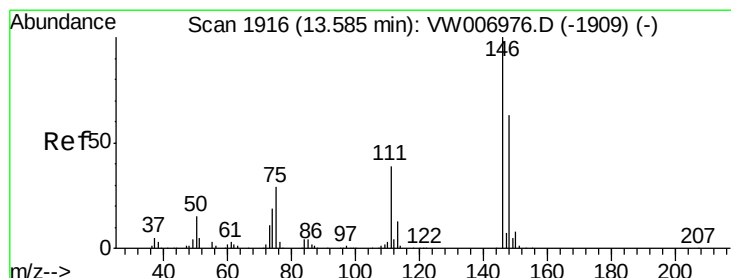
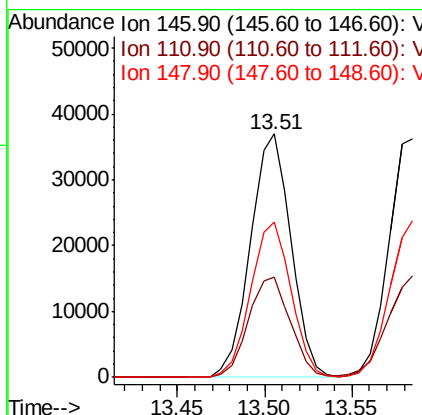
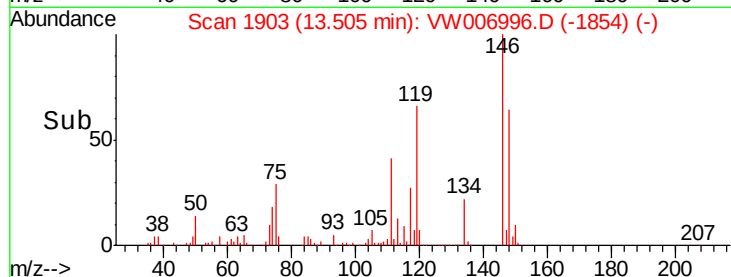
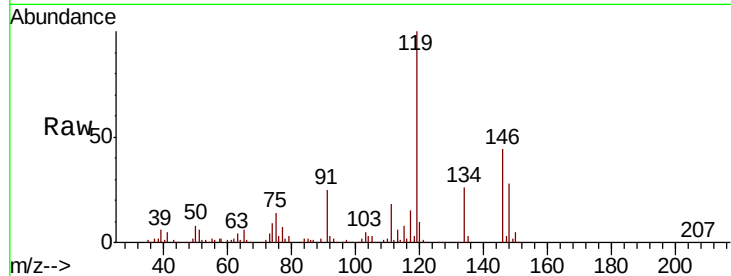
#87
 1,3-Dichlorobenzene
 Concen: 20.692 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.3
148	63.6	31.6	94.8

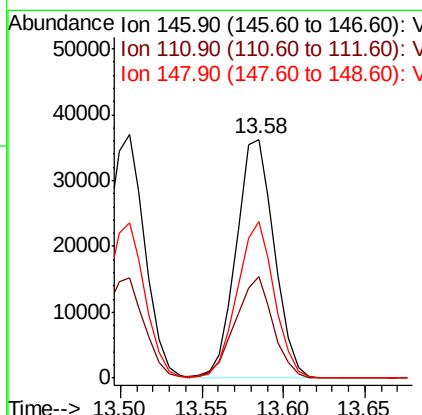
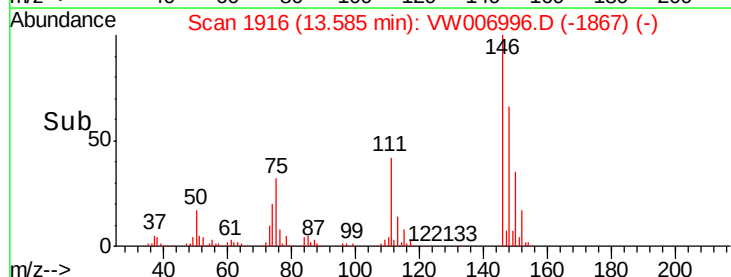
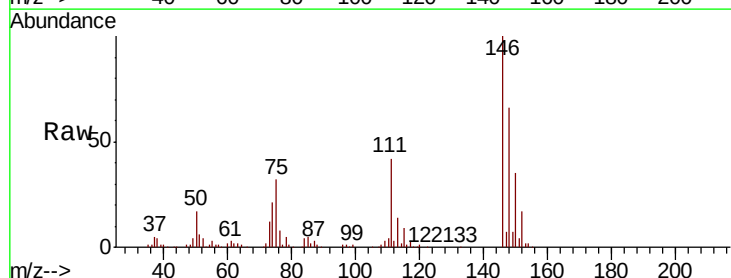
Manual Integrations
 APPROVED

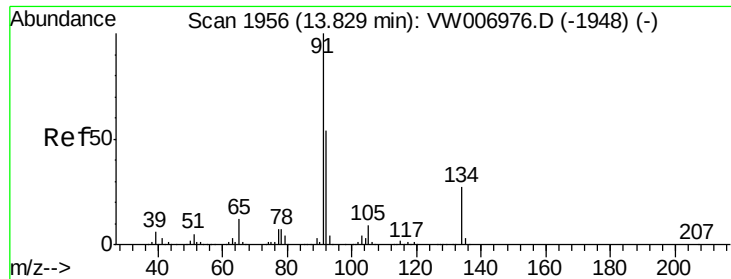
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#88
 1,4-Dichlorobenzene
 Concen: 20.518 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.6	61.8
148	63.8	32.3	96.8





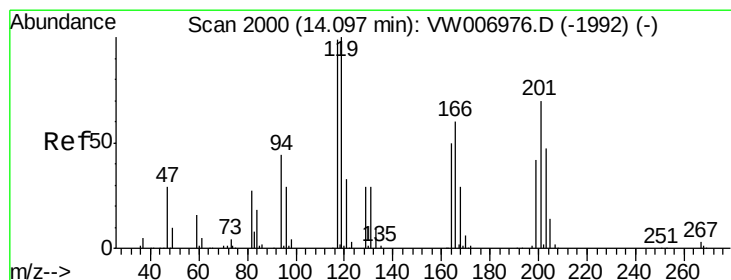
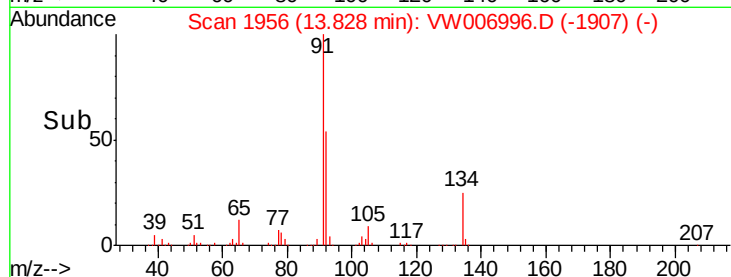
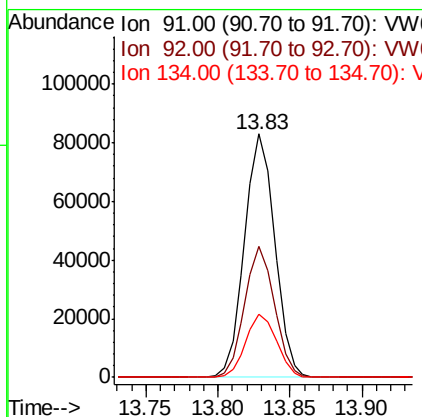
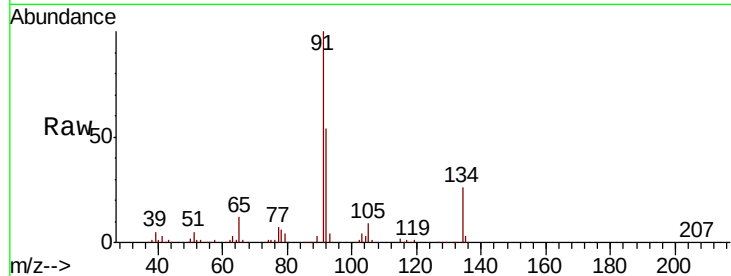
#89
n-Butylbenzene
Concen: 21.000 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.4
134	26.5	13.3	39.8

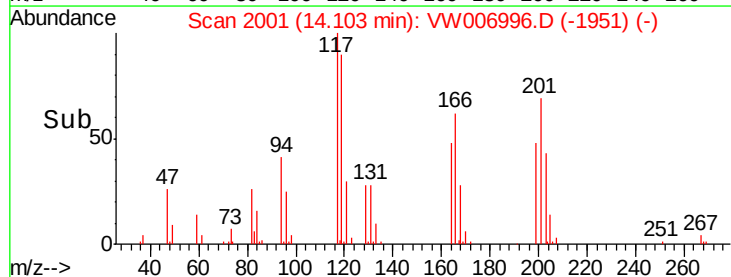
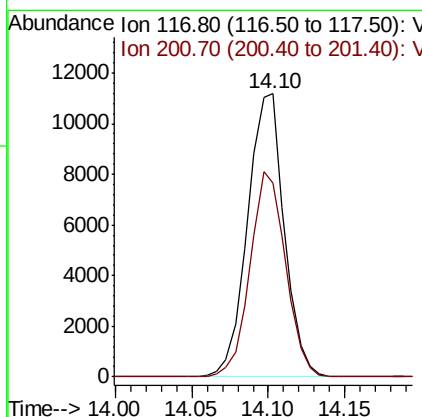
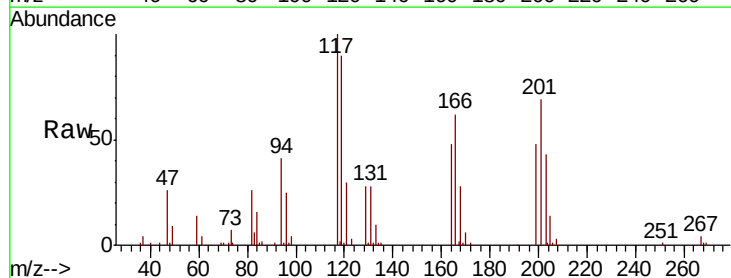
Manual Integrations
APPROVED

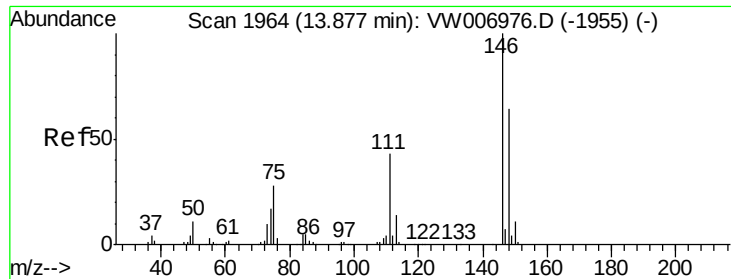
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#90
Hexachloroethane
Concen: 20.905 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.1	35.9	107.5





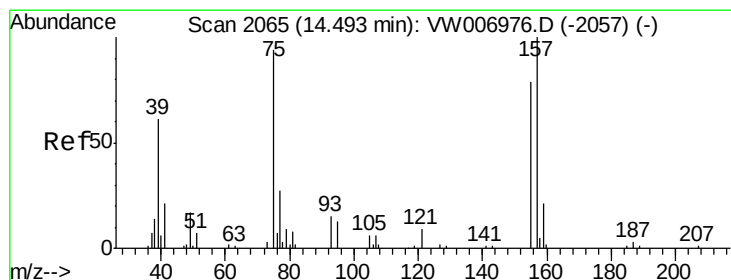
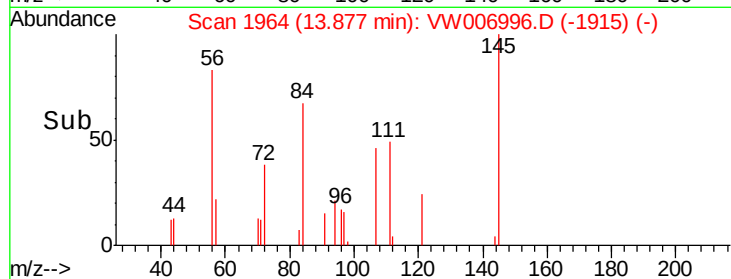
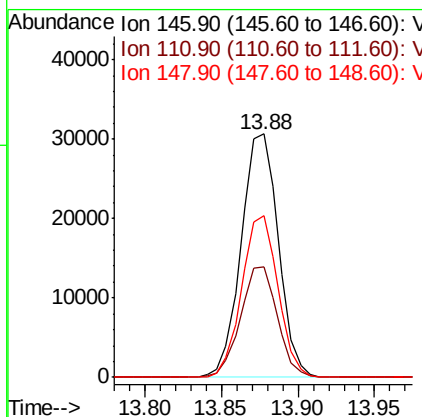
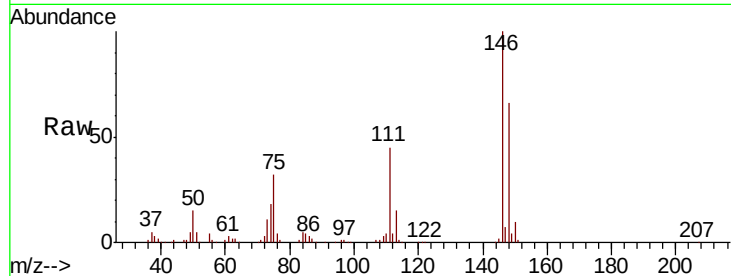
#91
 1,2-Dichlorobenzene
 Concen: 20.543 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.9	65.7
148	64.9	32.2	96.6

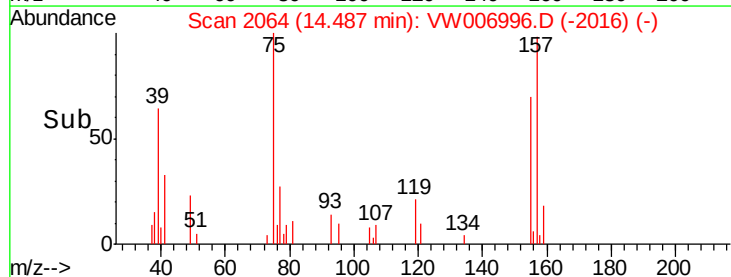
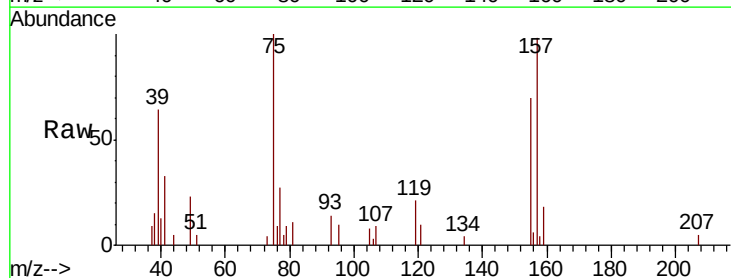
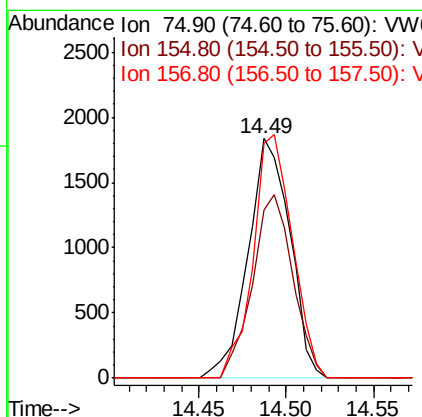
Manual Integrations
 APPROVED

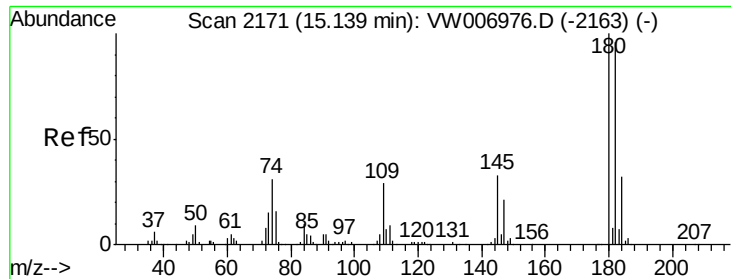
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.704 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.3	42.6	127.8
157	95.3	55.0	165.0





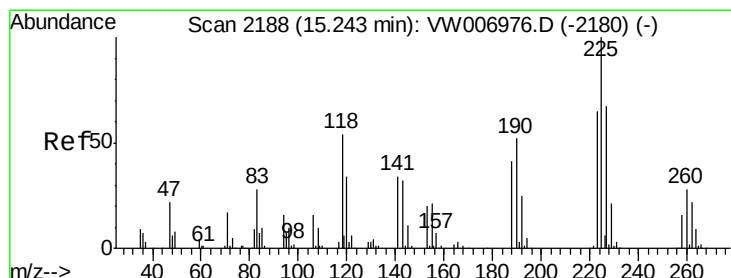
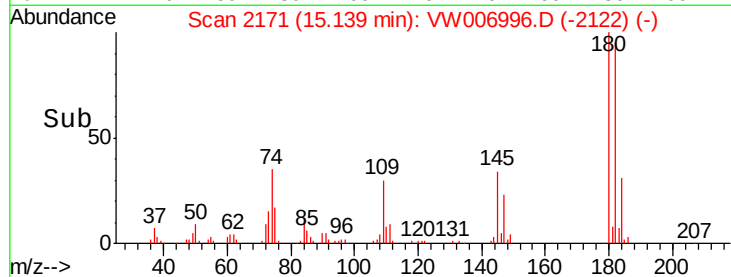
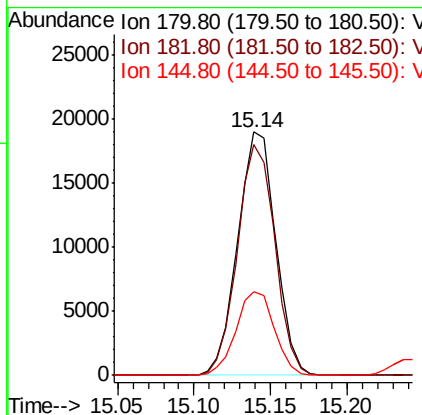
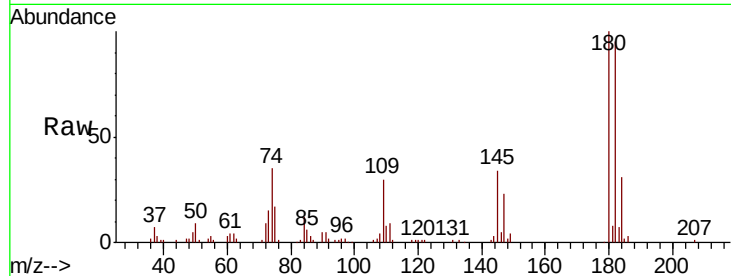
#93
 1,2,4-Trichlorobenzene
 Concen: 19.721 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.1	141.3
145	34.6	16.5	49.5

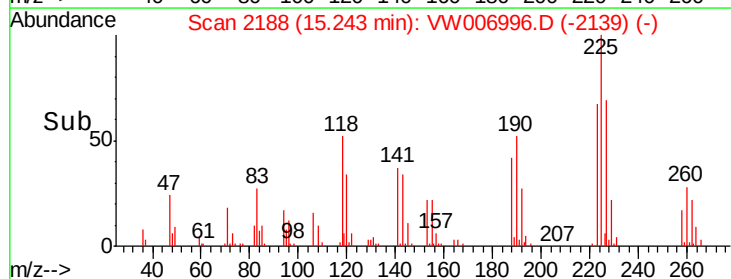
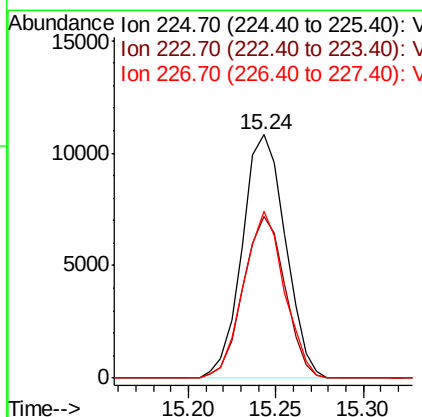
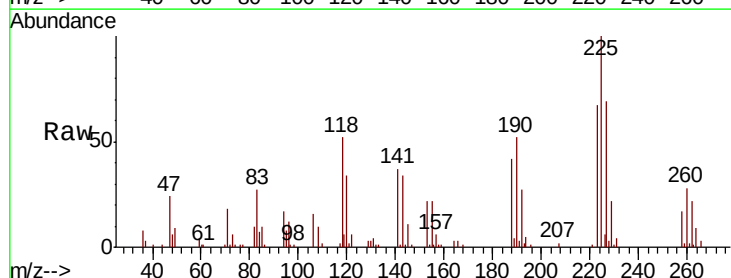
Manual Integrations
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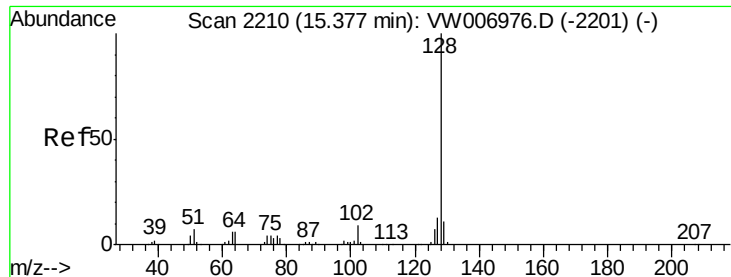
apatel
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#94
 Hexachlorobutadiene
 Concen: 20.591 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.4	97.0
227	64.6	31.9	95.5





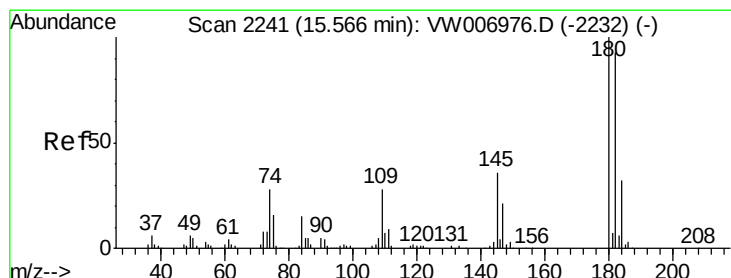
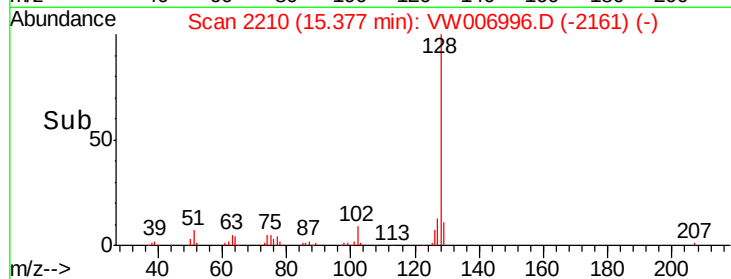
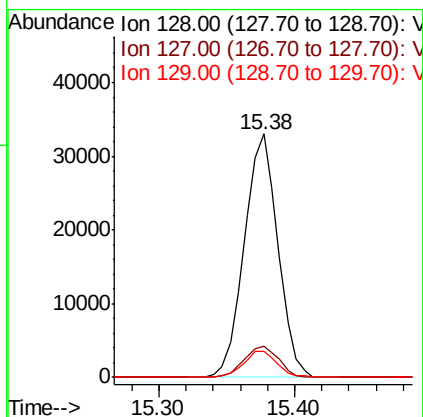
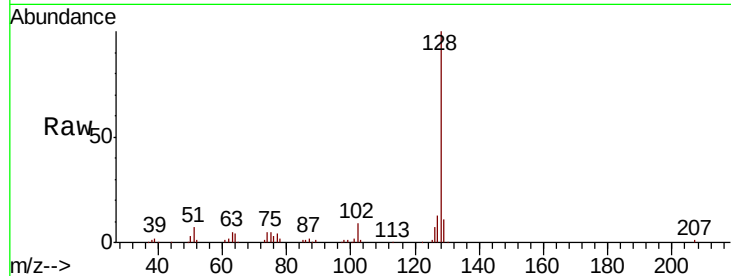
#95
Naphthalene
Concen: 18.916 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
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11/26/2018 12:19:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.660 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.2
145	35.8	18.0	54.0

