

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005451.D
 Acq On : 18 Sep 2018 01:12
 Operator : SY/AP
 Sample : VW0917SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Manual Integrations
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 9/18/2018 2:43:43 PM

Quant Time: Sep 18 02:21:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	259436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	395519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	381740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	137355	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	7.89	113	112537	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.33	98	526548	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.62	95	196202	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	57069	23.63	ug/l	97
3) Chloromethane	2.21	50	72792	23.77	ug/l	97
4) Vinyl Chloride	2.35	62	63174	22.02	ug/l	100
5) Bromomethane	2.78	94	40577	19.87	ug/l	98
6) Chloroethane	2.92	64	35756	21.03	ug/l	98
7) Trichlorofluoromethane	3.26	101	76014	20.00	ug/l	94
8) Diethyl Ether	3.69	74	25572	22.64	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	46723	21.08	ug/l	100
10) Methyl Iodide	4.28	142	48200	19.76	ug/l	98
11) Tert butyl alcohol	5.22	59	16200	87.20	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	42746	21.30	ug/l	94
13) Acrolein	3.91	56	14771	125.25	ug/l	91
14) Allyl chloride	4.68	41	84707	22.68	ug/l	95
15) Acrylonitrile	5.38	53	54422	105.34	ug/l	98
16) Acetone	4.15	43	41151	95.10	ug/l	100
17) Carbon Disulfide	4.38	76	146131	20.67	ug/l	99
18) Methyl Acetate	4.68	43	26811	20.72	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	120498	22.11	ug/l	98
20) Methylene Chloride	4.92	84	67598	22.10	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	52818	22.03	ug/l	96
22) Diisopropyl ether	6.32	45	172939	23.55	ug/l	96
23) Vinyl Acetate	6.26	43	478605	114.40	ug/l	99
24) 1,1-Dichloroethane	6.23	63	99198	22.26	ug/l	99
25) 2-Butanone	7.19	43	68319	105.46	ug/l	92
26) 2,2-Dichloropropane	7.18	77	83461	20.88	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	57751	22.15	ug/l	99
28) Bromochloromethane	7.52	49	38584	22.26	ug/l #	94
29) Tetrahydrofuran	7.54	42	44299	107.34	ug/l	98
30) Chloroform	7.68	83	99422	21.55	ug/l	99
31) Cyclohexane	7.96	56	96523	22.46	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	92234	21.50	ug/l	98
36) 1,1-Dichloropropene	8.09	75	79770	21.31	ug/l	99
37) Ethyl Acetate	7.26	43	32534	21.37	ug/l	99
38) Carbon Tetrachloride	8.07	117	80203	20.56	ug/l	97

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Quant Time: Sep 18 02:21:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93992	21.61	ug/l	99
40) Benzene	8.33	78	230477	21.26	ug/l	100
41) Methacrylonitrile	7.49	41	19585	21.33	ug/l	97
42) 1,2-Dichloroethane	8.41	62	68993	20.33	ug/l	98
43) Isopropyl Acetate	8.43	43	63676	21.43	ug/l	98
44) Trichloroethene	9.10	130	59097	21.18	ug/l	97
45) 1,2-Dichloropropane	9.38	63	58470	22.57	ug/l	99
46) Dibromomethane	9.46	93	27207	21.35	ug/l	99
47) Bromodichloromethane	9.65	83	75581	21.89	ug/l	99
48) Methyl methacrylate	9.45	41	30745	20.74	ug/l	95
49) 1,4-Dioxane	9.48	88	9538	449.05	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	160889	105.21	ug/l	99
52) Toluene	10.40	92	158129	21.53	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71475	20.68	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	86207	22.03	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	39330	20.76	ug/l	98
56) Ethyl methacrylate	10.65	69	50286	20.98	ug/l	98
57) 1,3-Dichloropropane	10.94	76	69350	21.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	117362	108.24	ug/l	98
59) 2-Hexanone	10.98	43	107175	102.88	ug/l	100
60) Dibromochloromethane	11.13	129	46057	20.21	ug/l	98
61) 1,2-Dibromoethane	11.24	107	34914	20.55	ug/l	100
64) Tetrachloroethene	10.87	164	59395	21.05	ug/l	98
65) Chlorobenzene	11.66	112	168340	20.78	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	53267	20.57	ug/l	98
67) Ethyl Benzene	11.74	91	304410	21.37	ug/l	99
68) m/p-Xylenes	11.85	106	234053	42.68	ug/l	99
69) o-Xylene	12.17	106	109201	21.39	ug/l	99
70) Styrene	12.19	104	181830	21.58	ug/l	100
71) Bromoform	12.35	173	27808	20.30	ug/l #	97
73) Isopropylbenzene	12.47	105	301786	21.91	ug/l	100
74) N-amyl acetate	12.28	43	62977	21.70	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43057	21.43	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30776m	19.06	ug/l	
77) Bromobenzene	12.76	156	69914	21.47	ug/l	99
78) n-propylbenzene	12.81	91	371732	22.36	ug/l	100
79) 2-Chlorotoluene	12.90	91	215877	22.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	264481	22.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12655	20.33	ug/l	99
82) 4-Chlorotoluene	12.99	91	225671	21.80	ug/l	99
83) tert-Butylbenzene	13.21	119	218173	21.86	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	267535	21.93	ug/l	100
85) sec-Butylbenzene	13.39	105	319500	22.15	ug/l	99
86) p-Isopropyltoluene	13.51	119	281512	21.82	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	140757	21.31	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	139032	21.38	ug/l	98
89) n-Butylbenzene	13.83	91	264391	22.01	ug/l	99
90) Hexachloroethane	14.10	117	45982	20.80	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	123834	21.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7704	19.96	ug/l	97

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Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

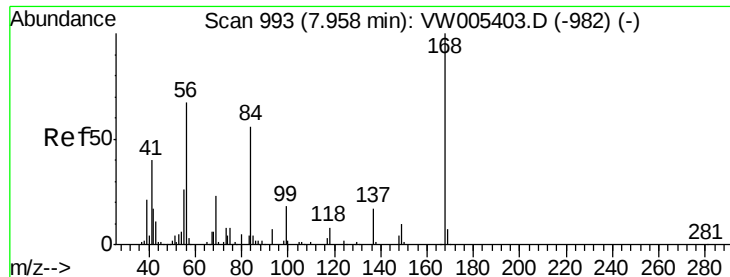
Manual Integrations
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Quant Time: Sep 18 02:21:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	80951	21.02	ug/l	100
94) Hexachlorobutadiene	15.25	225	53567	21.30	ug/l	99
95) Naphthalene	15.38	128	128852	20.08	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69746	20.75	ug/l	100

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



#1

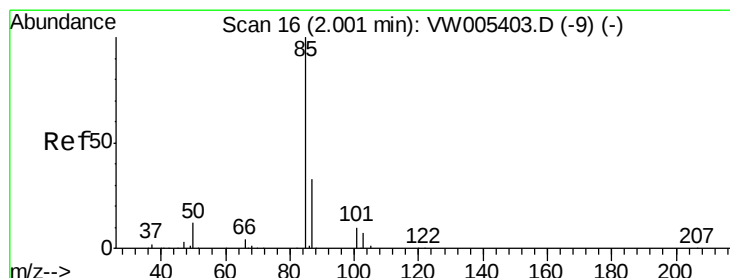
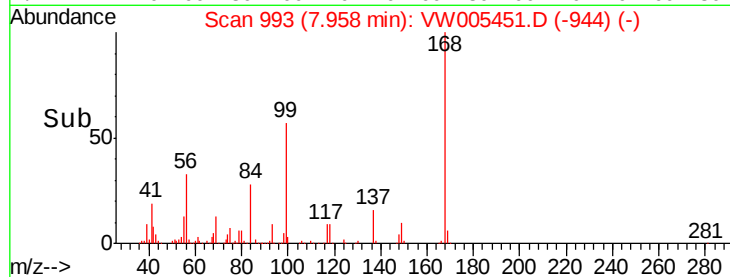
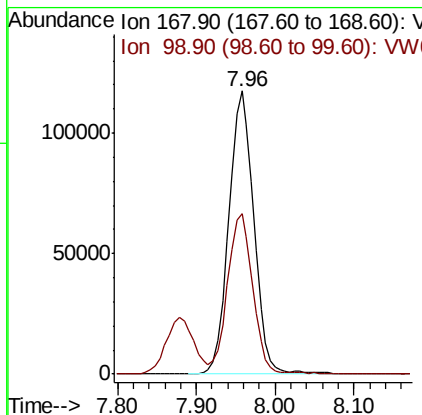
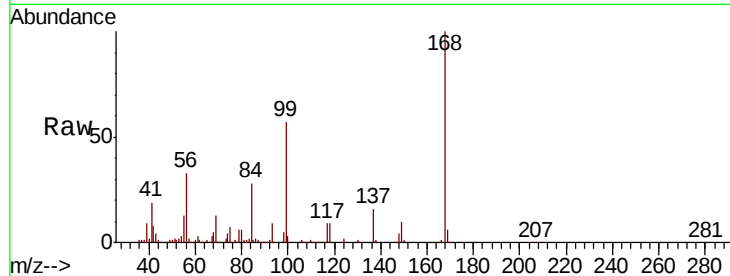
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.2	45.0	67.6

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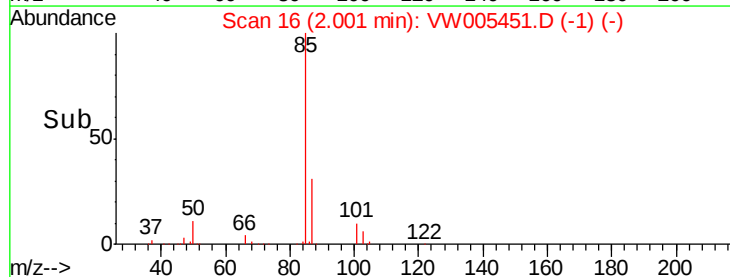
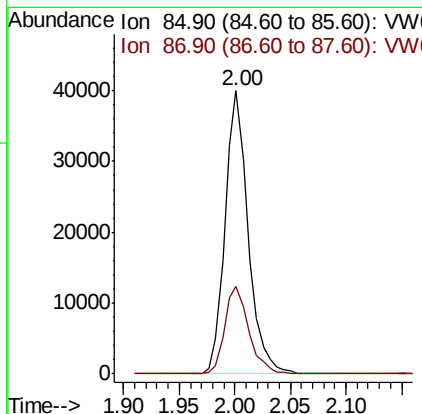
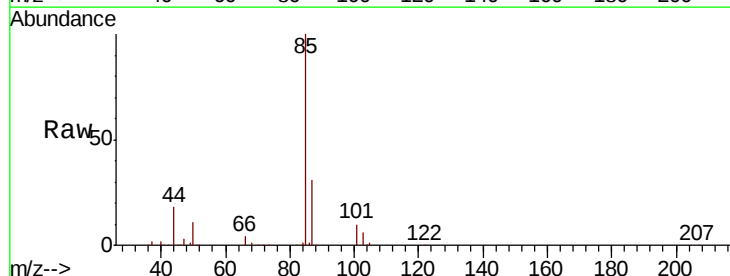
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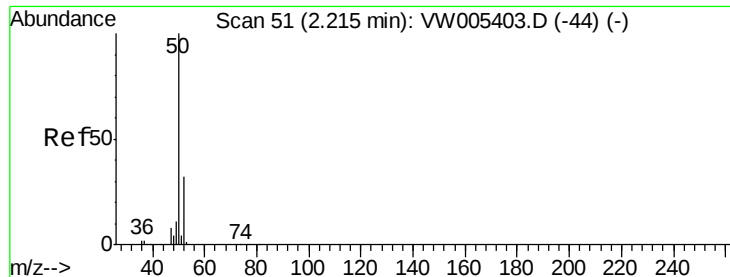


#2

Dichlorodifluoromethane
 Concen: 23.63 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.9	16.4	49.1





#3

Chloromethane

Concen: 23.77 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 50 Resp: 72792

Ion Ratio Lower Upper

50 100

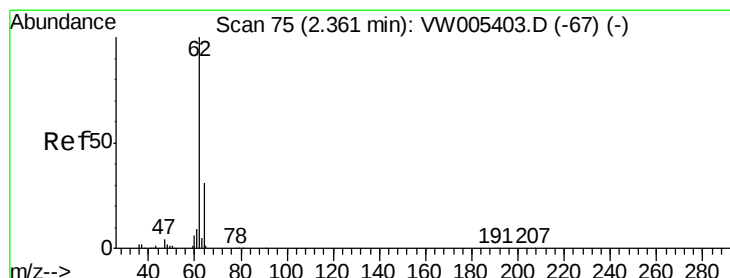
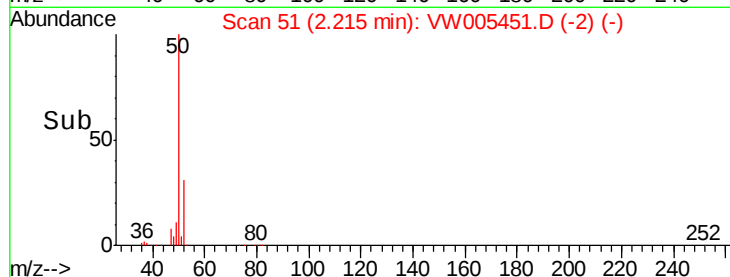
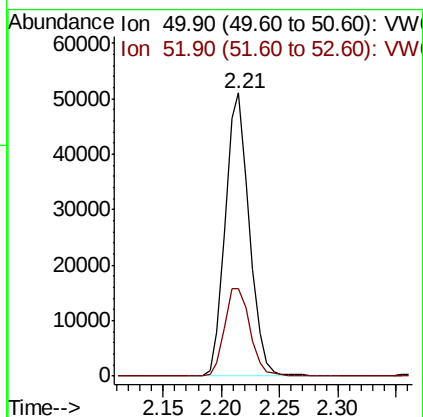
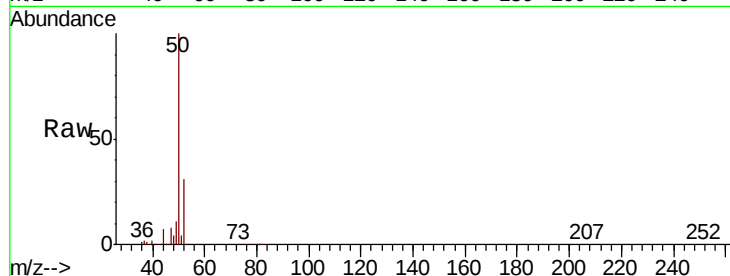
52 30.7 25.8 38.6

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#4

Vinyl Chloride

Concen: 22.02 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005451.D

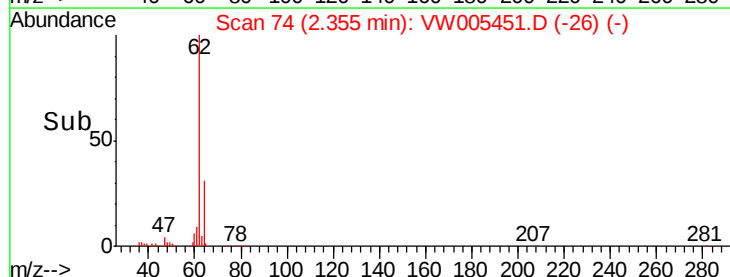
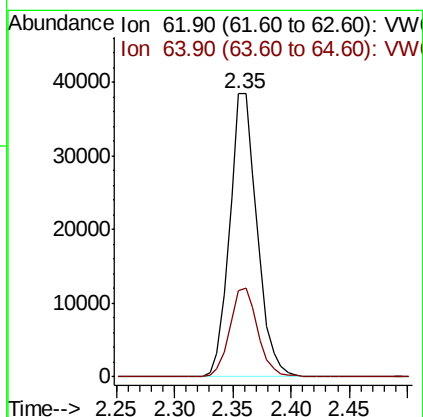
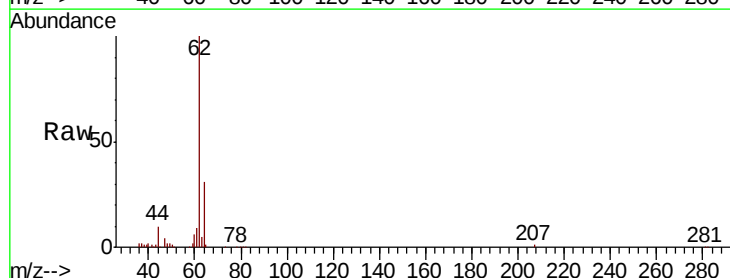
Acq: 18 Sep 2018 01:12

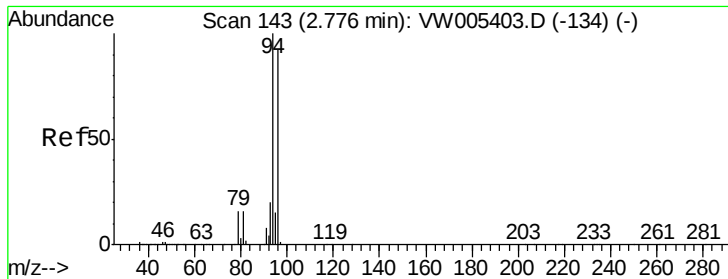
Tgt Ion: 62 Resp: 63174

Ion Ratio Lower Upper

62 100

64 30.5 24.5 36.7





#5

Bromomethane

Concen: 19.87 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 94 Resp: 40577

Ion Ratio Lower Upper

94 100

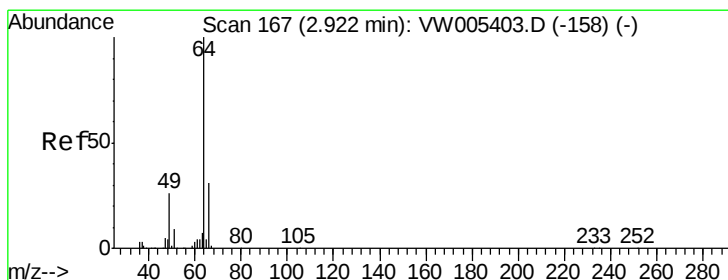
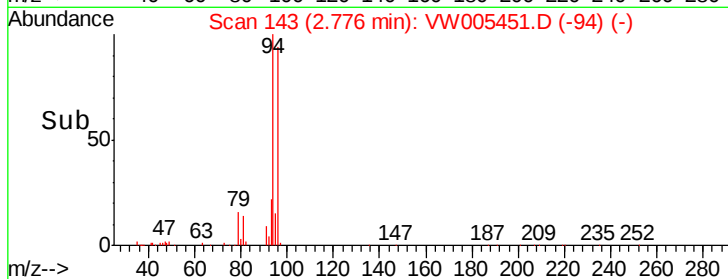
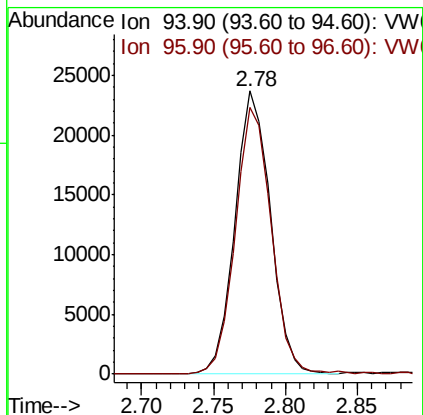
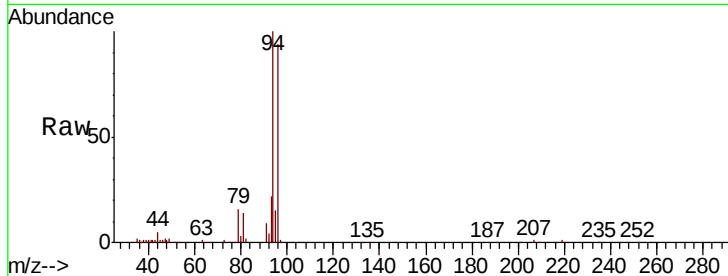
96 94.1 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 21.03 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005451.D

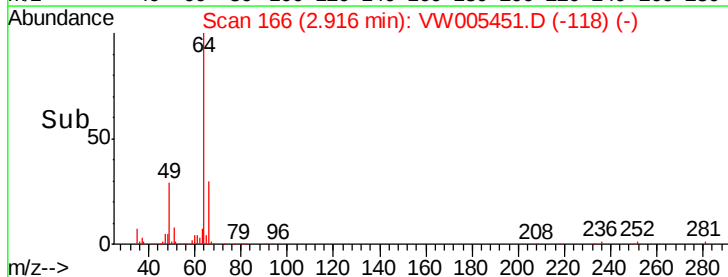
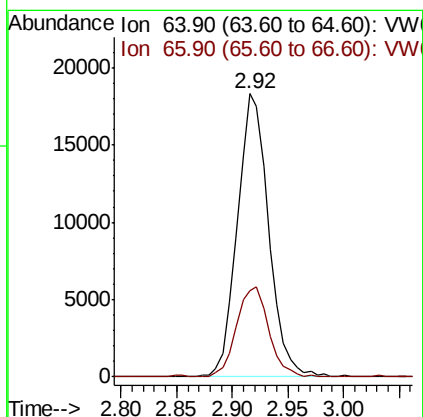
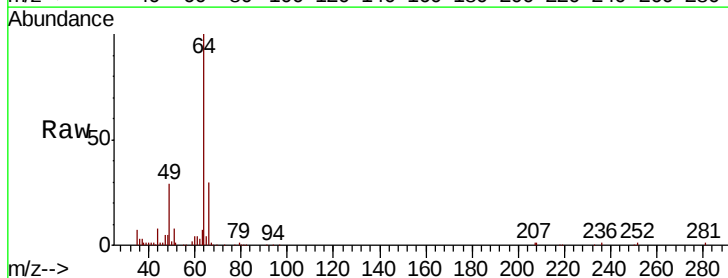
Acq: 18 Sep 2018 01:12

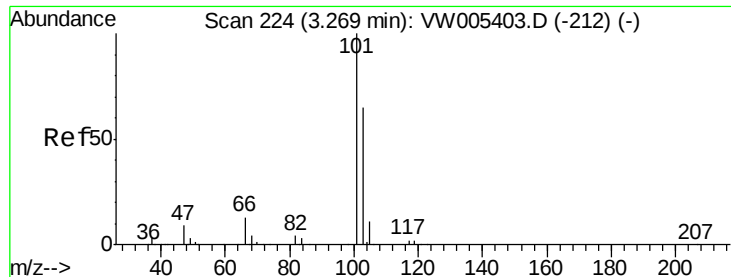
Tgt Ion: 64 Resp: 35756

Ion Ratio Lower Upper

64 100

66 30.3 25.2 37.8





#7

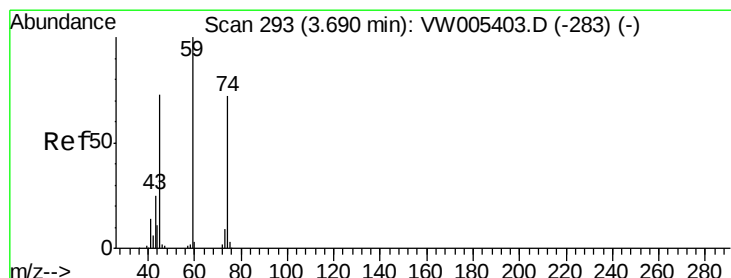
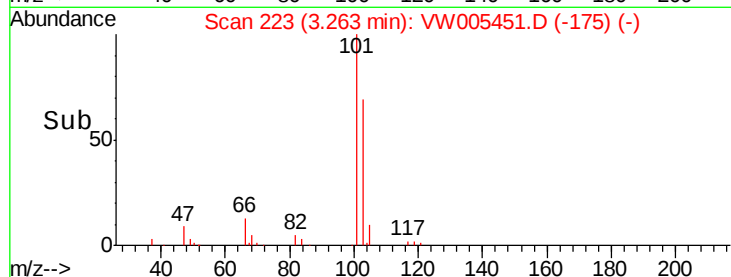
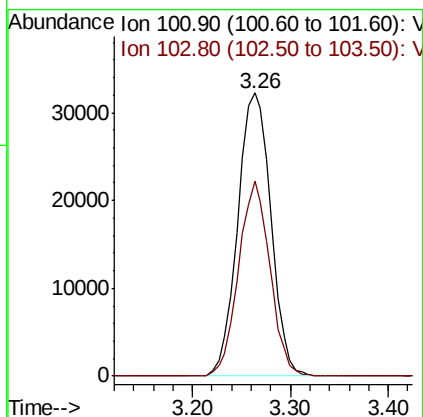
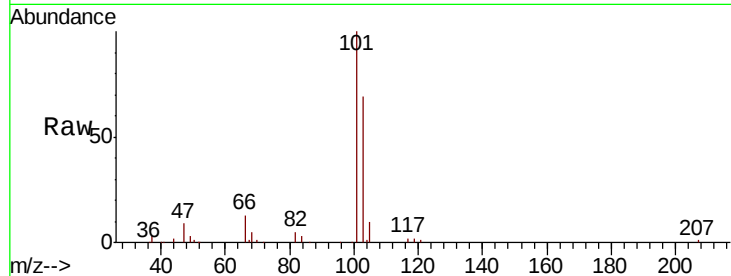
Trichlorofluoromethane
Concen: 20.00 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.01 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.9	51.7	77.5

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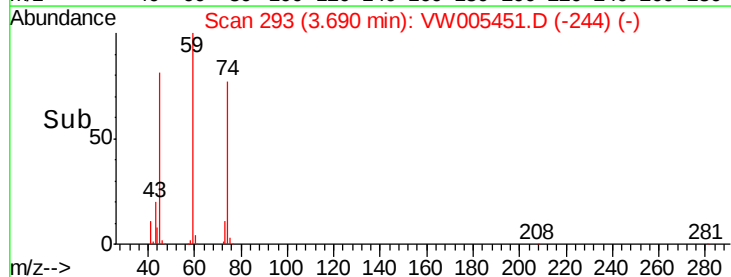
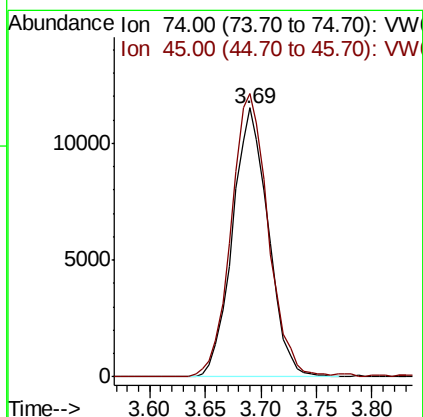
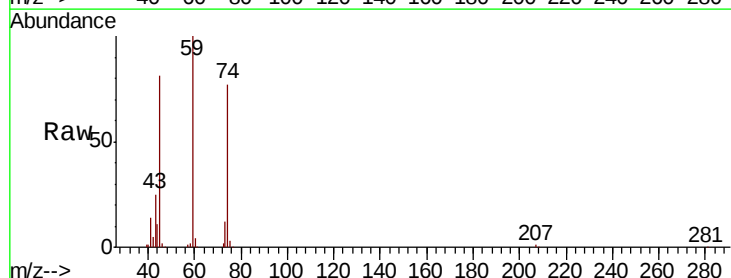
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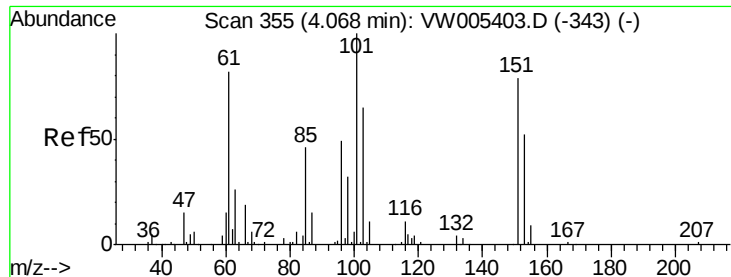


#8

Diethyl Ether
Concen: 22.64 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.4	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.08 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

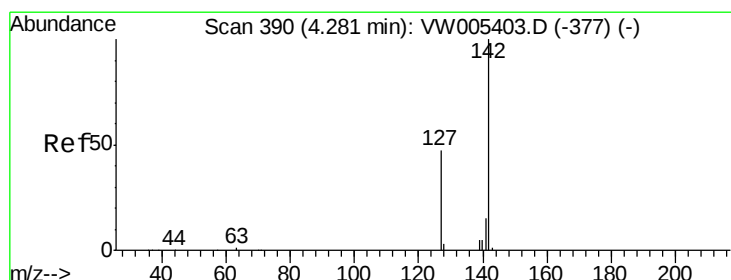
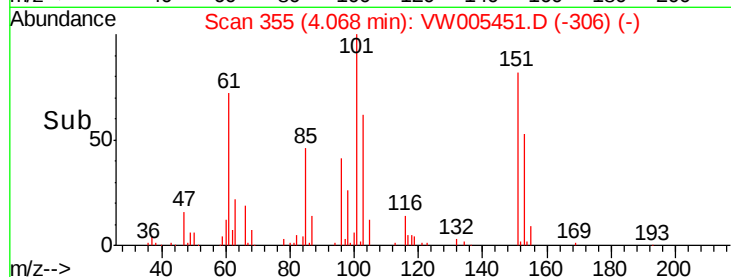
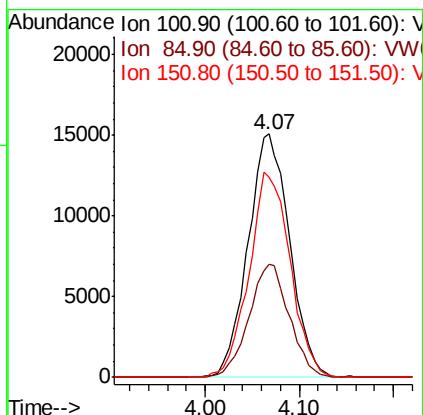
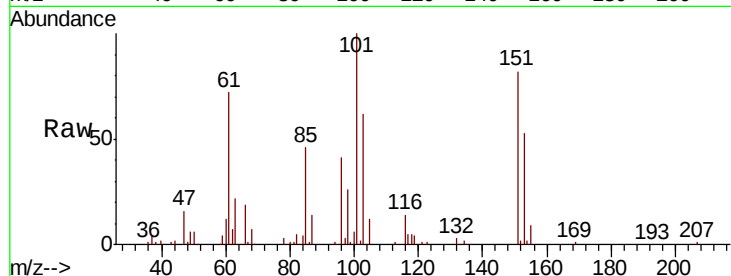
ClientSampleId :

VW0917SBS02

Tot Ion:	101	Resp:	46723
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.6	54.8
151	82.9	66.3	99.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.76 ug/l

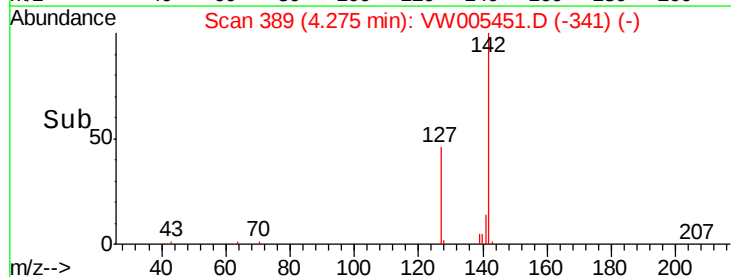
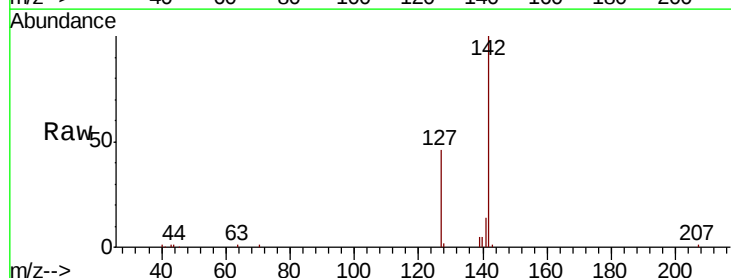
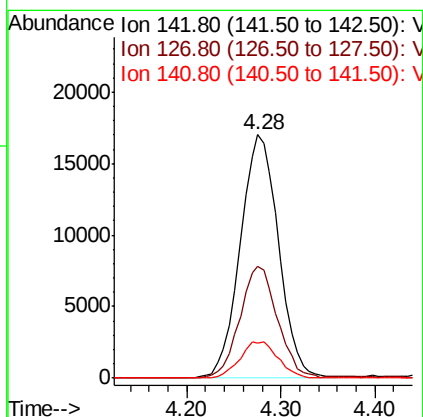
RT: 4.28 min Scan# 389

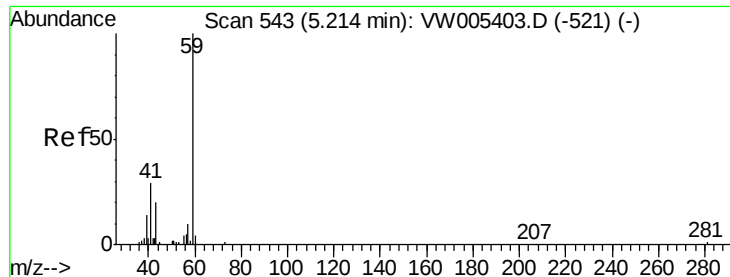
Delta R.T. -0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion:	142	Resp:	48200
Ion Ratio	Lower	Upper	
142	100		
127	45.2	37.5	56.3
141	14.8	12.4	18.6





#11

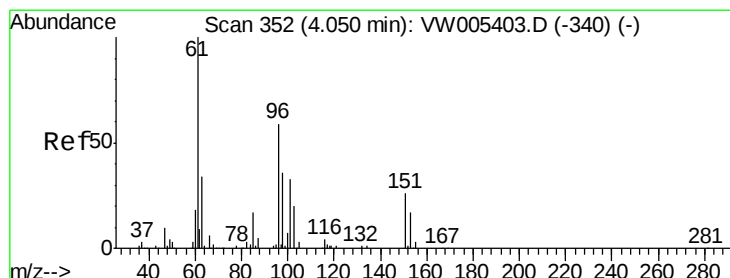
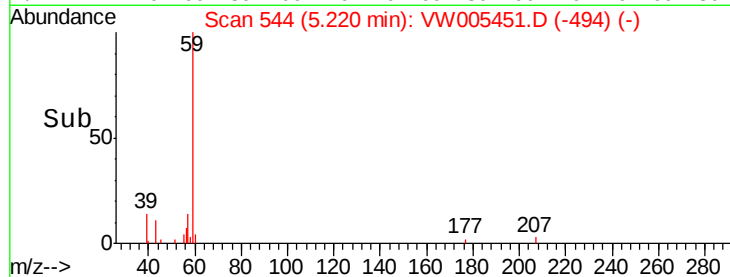
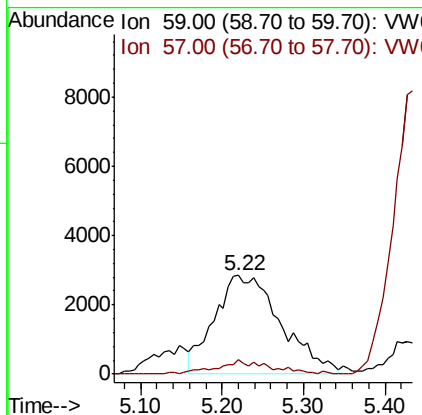
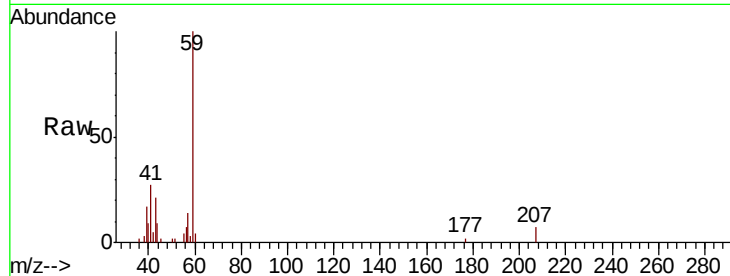
Tert butyl alcohol
Concen: 87.20 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.6	13.0#

Manual Integrations
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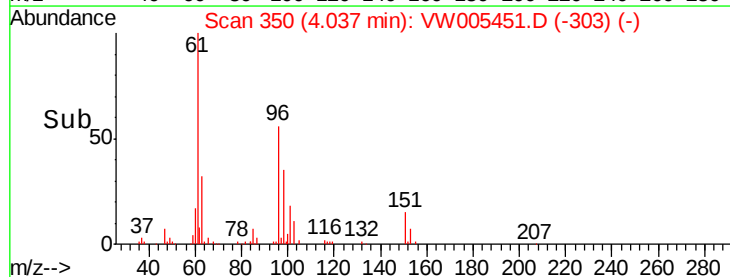
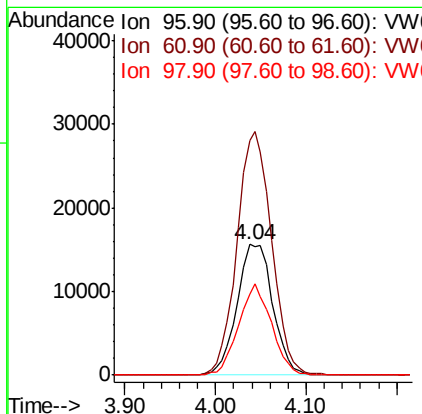
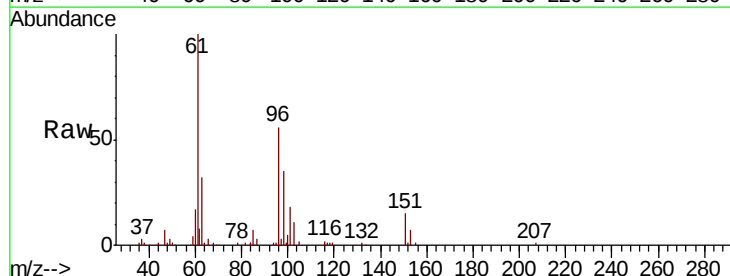
apatel
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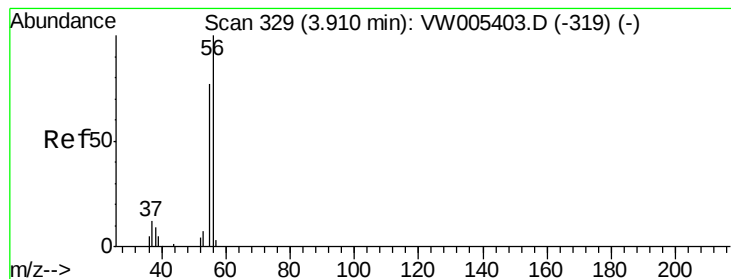


#12

1,1-Dichloroethene
Concen: 21.30 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.2	135.7	203.5
98	62.2	48.6	73.0





#13

Acrolein

Concen: 125.25 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 56 Resp: 14771

Ion Ratio Lower Upper

56 100

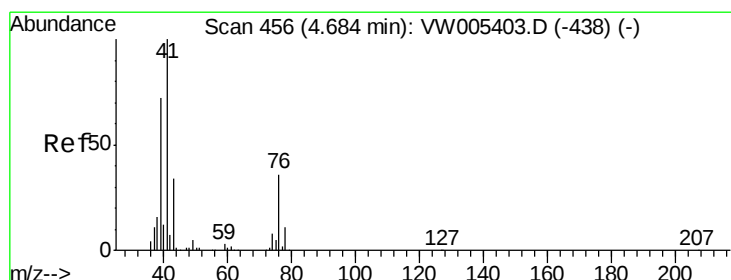
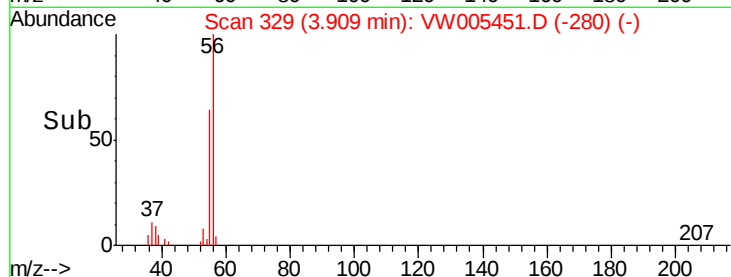
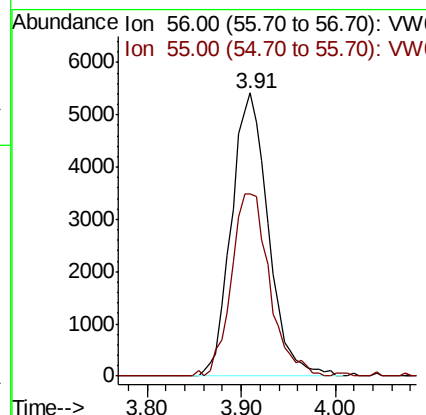
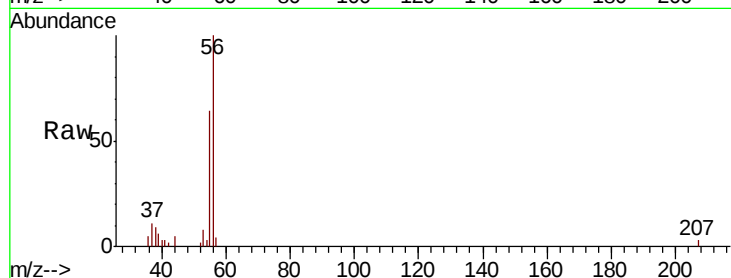
55 66.8 59.8 89.8

Manual Integrations

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#14

Allyl chloride

Concen: 22.68 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

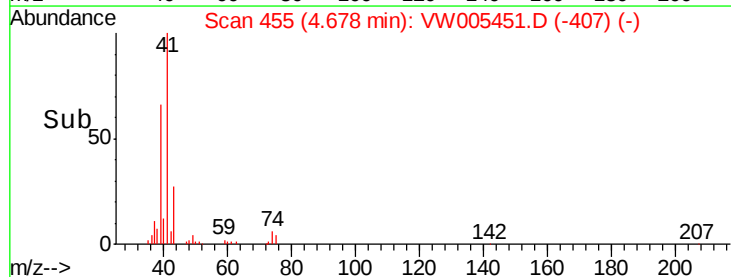
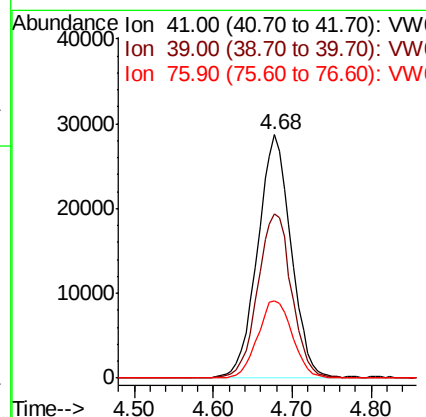
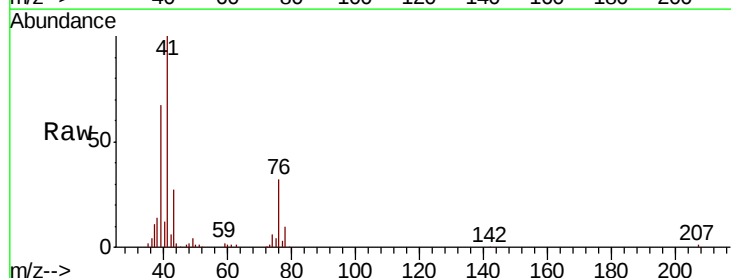
Tgt Ion: 41 Resp: 84707

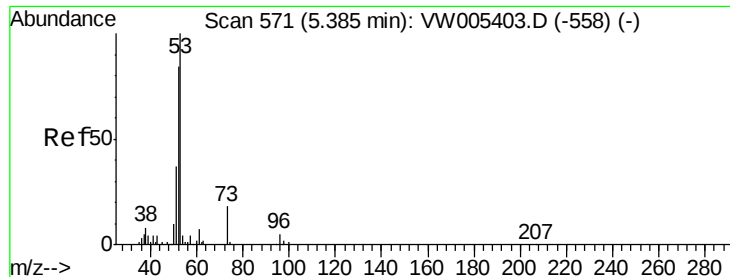
Ion Ratio Lower Upper

41 100

39 68.5 58.6 88.0

76 32.8 27.4 41.0





#15

Acrylonitrile

Concen: 105.34 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

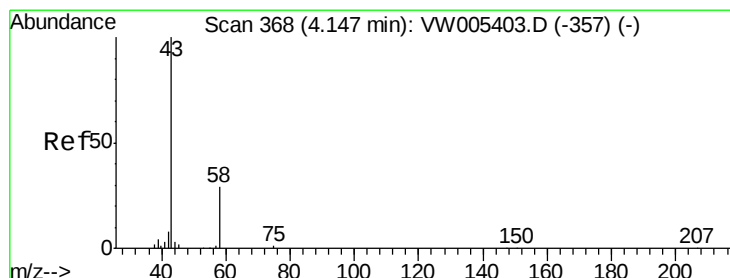
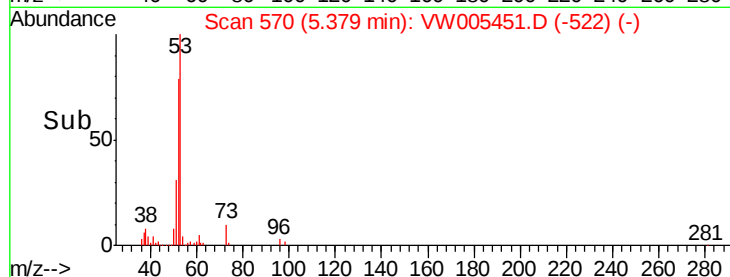
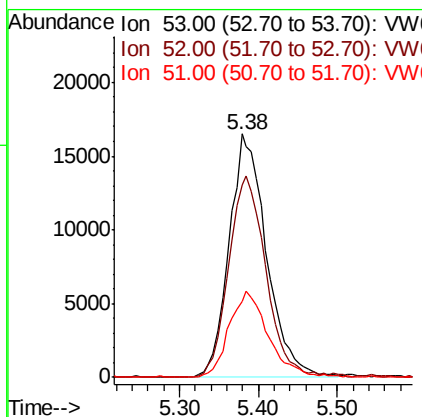
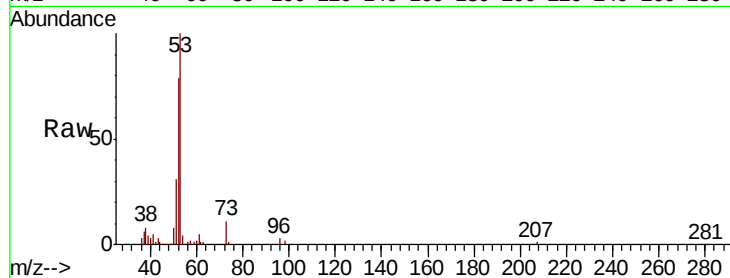
ClientSampleId :

VW0917SBS02

Tot Ion:	53	Resp:	54422
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.6	99.8
51	37.0	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 95.10 ug/l

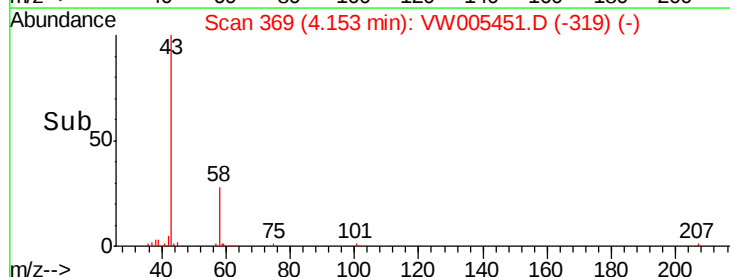
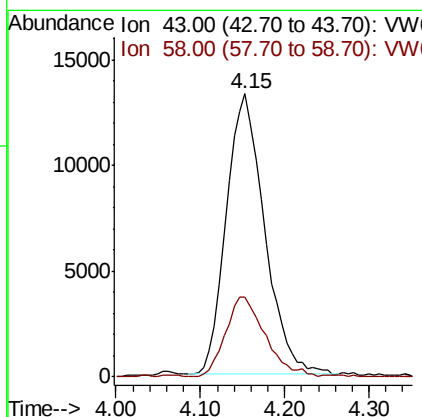
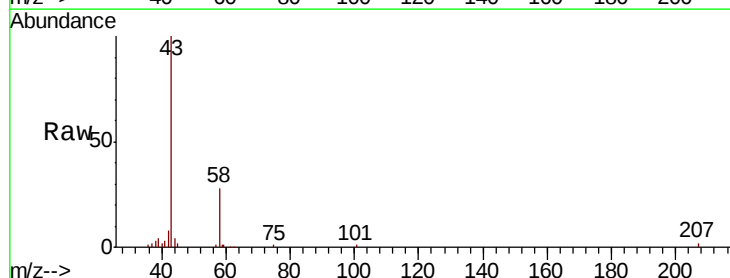
RT: 4.15 min Scan# 369

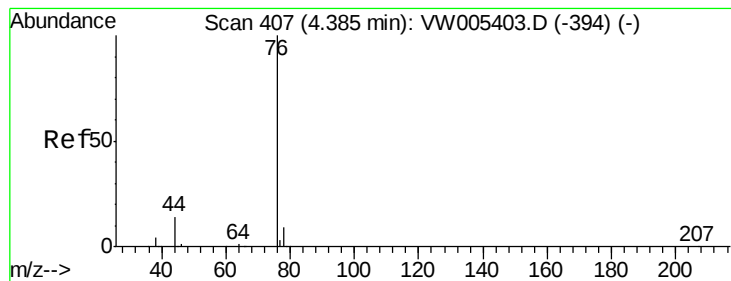
Delta R.T. 0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion:	43	Resp:	41151
Ion Ratio	Lower	Upper	
43	100		
58	28.4	22.8	34.2





#17

Carbon Disulfide

Concen: 20.67 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 76 Resp: 146131

Ion Ratio Lower Upper

76 100

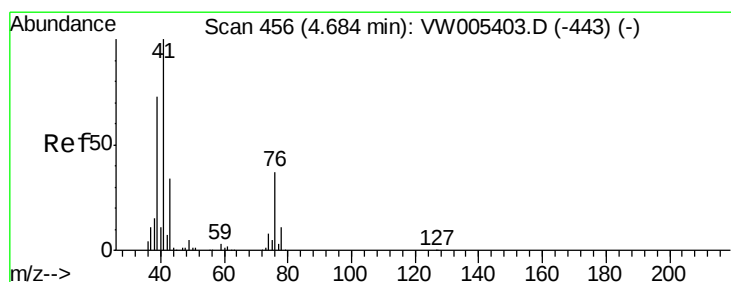
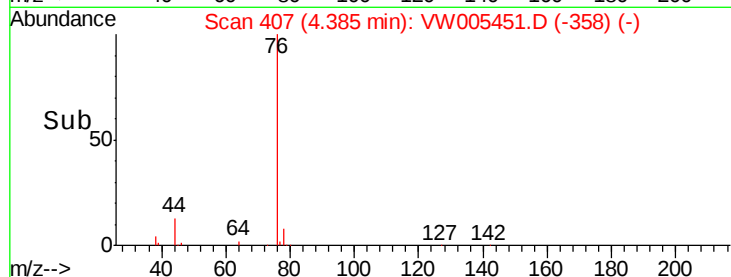
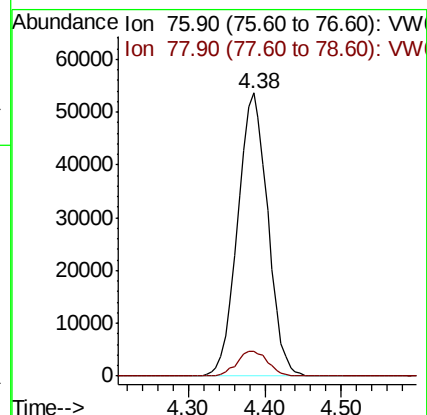
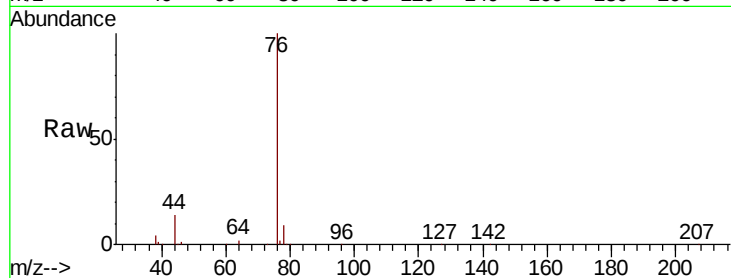
78 8.9 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 20.72 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005451.D

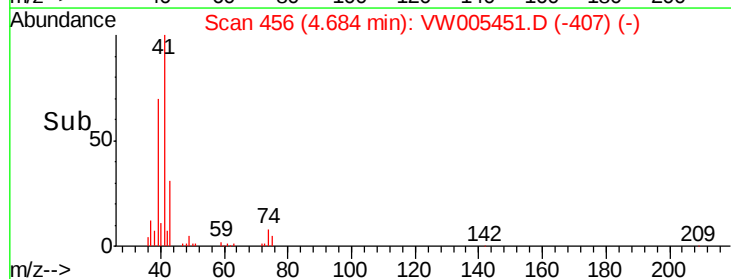
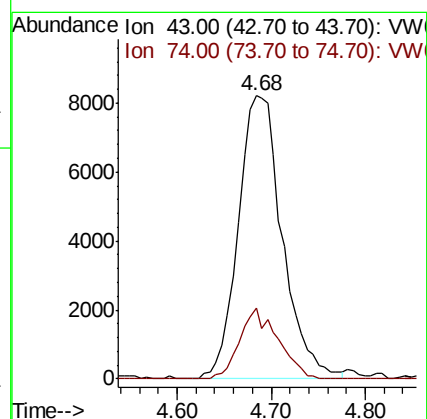
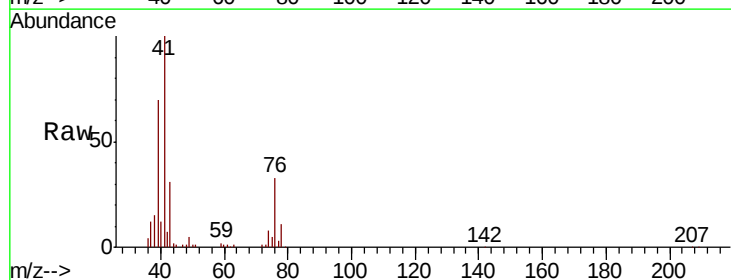
Acq: 18 Sep 2018 01:12

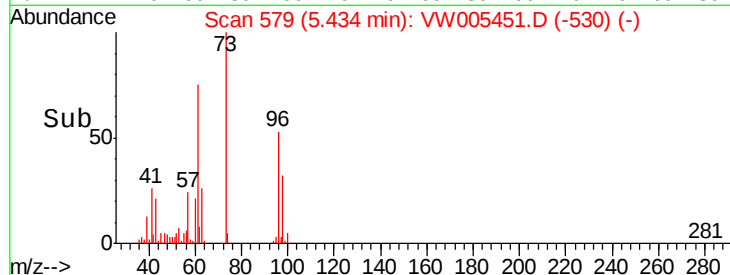
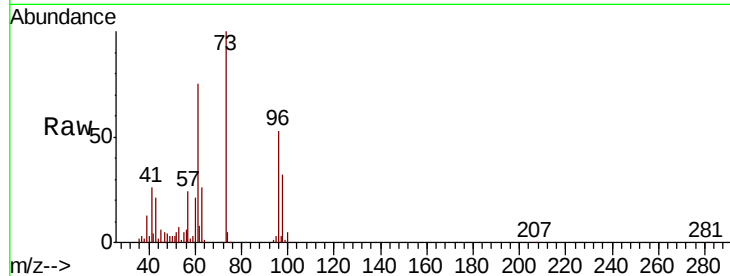
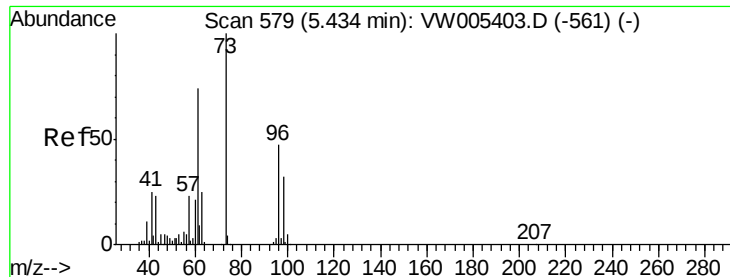
Tgt Ion: 43 Resp: 26811

Ion Ratio Lower Upper

43 100

74 21.6 17.7 26.5





#19

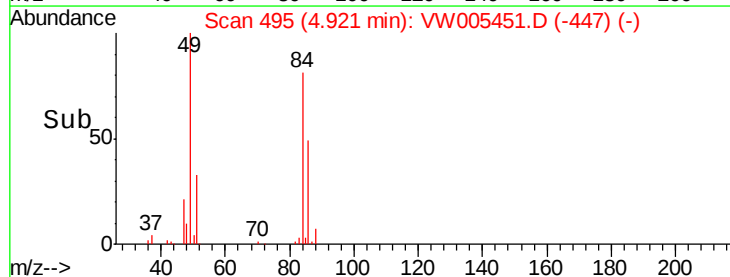
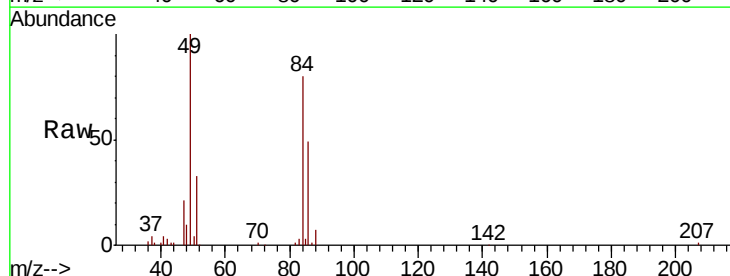
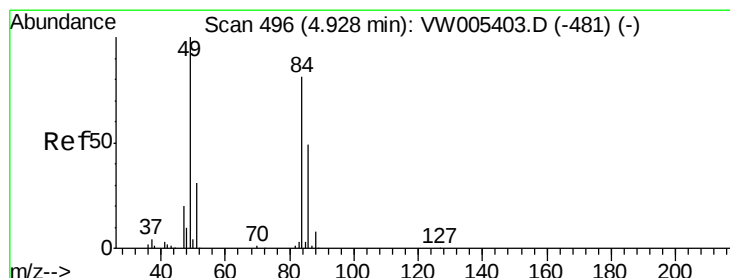
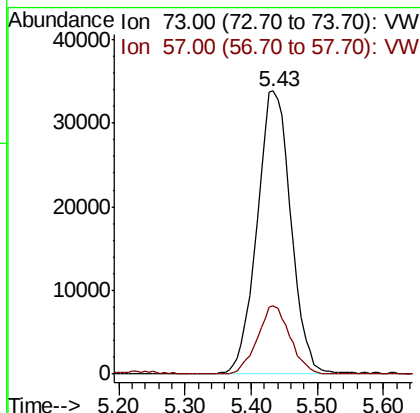
Methyl tert-butyl Ether
Concen: 22.11 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.2	18.6	28.0

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

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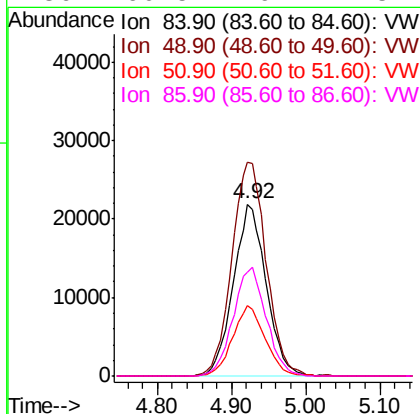
apatel
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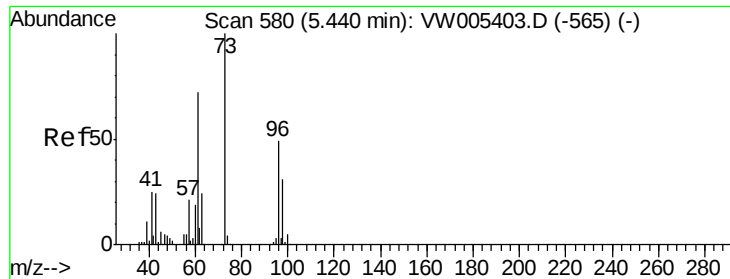


#20

Methylene Chloride
Concen: 22.10 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	99.3	148.9
51	40.8	31.1	46.7
86	60.5	49.1	73.7





#21

trans-1,2-Dichloroethene

Concen: 22.03 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

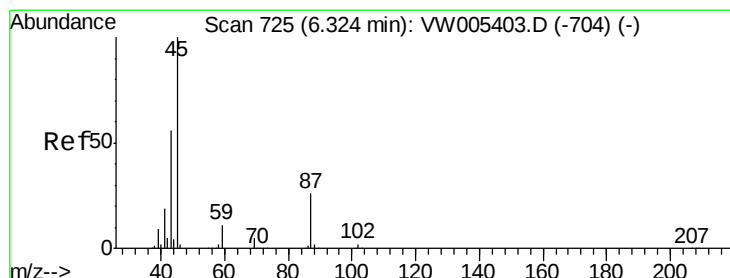
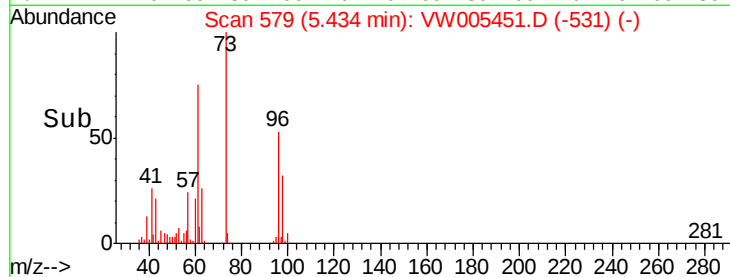
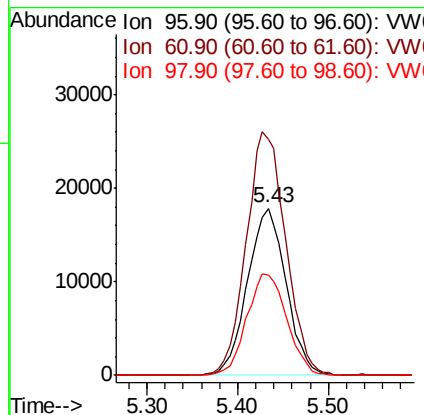
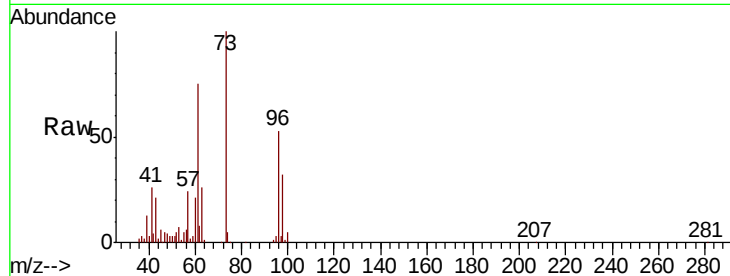
ClientSampleId :

VW0917SBS02

Tot Ion:	96	Resp:	52818
Ion	Ratio	Lower	Upper
96	100		
61	141.4	116.7	175.1
98	59.9	51.0	76.6

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#22

Diisopropyl ether

Concen: 23.55 ug/l

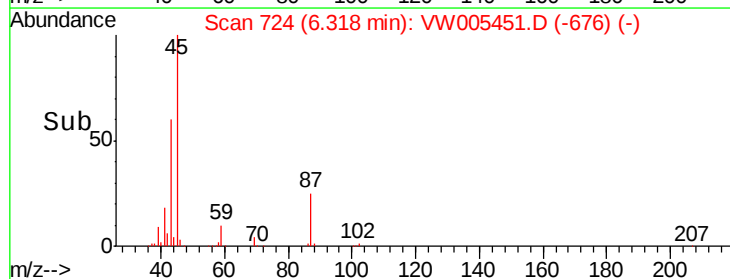
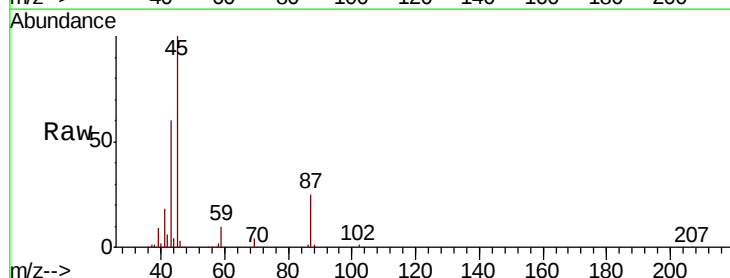
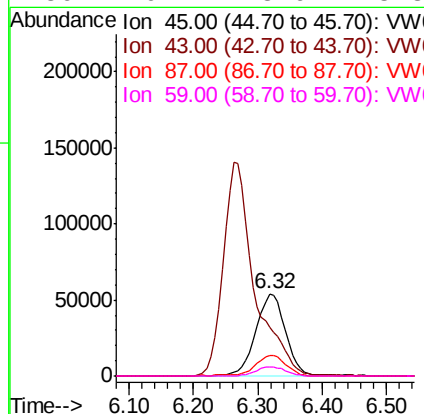
RT: 6.32 min Scan# 724

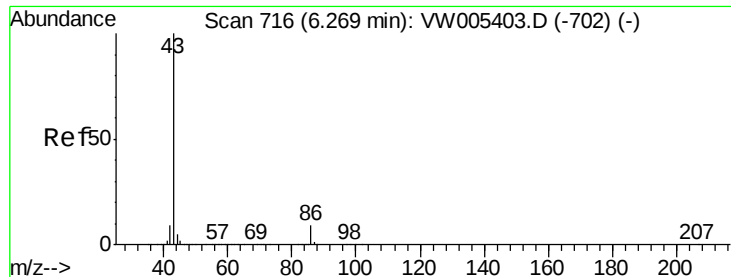
Delta R.T. -0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion:	45	Resp:	172939
Ion	Ratio	Lower	Upper
45	100		
43	59.9	44.6	67.0
87	25.1	20.6	31.0
59	10.2	8.9	13.3





#23

Vinyl Acetate

Concen: 114.40 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 43 Resp: 478605

Ion Ratio Lower Upper

43 100

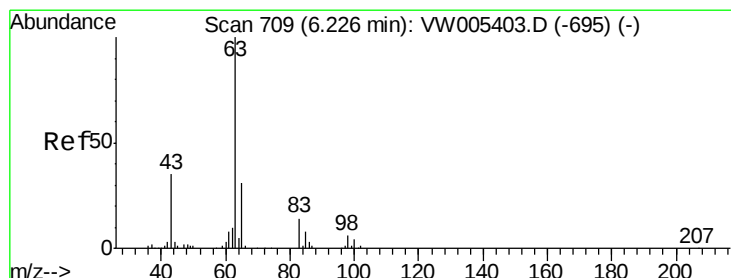
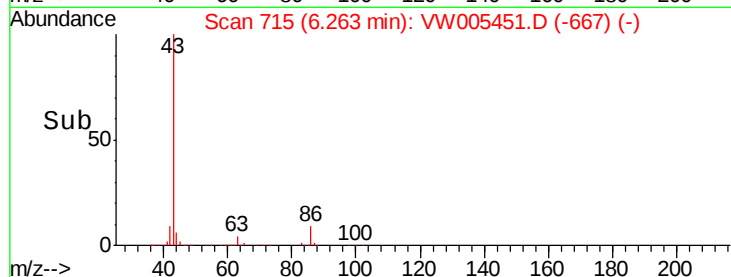
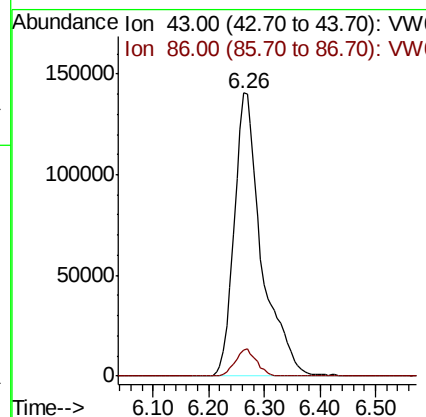
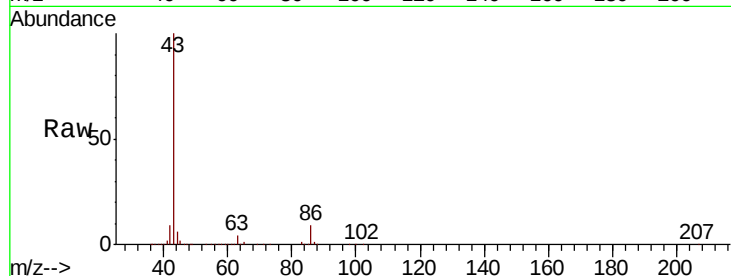
86 9.0 7.5 11.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.26 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

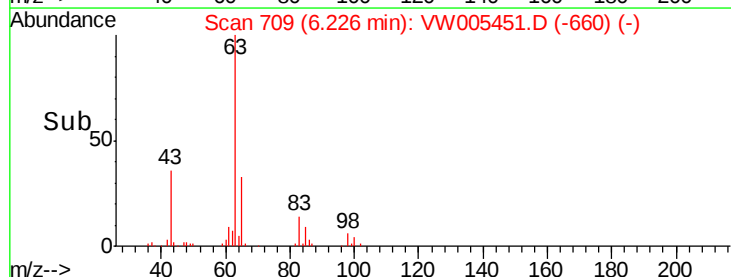
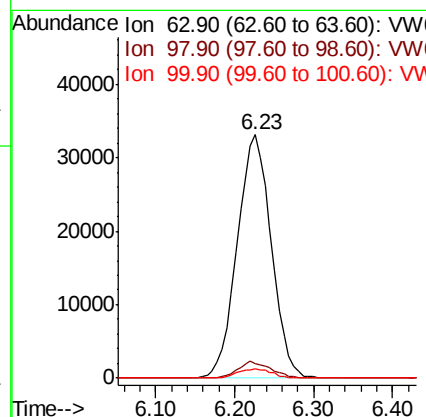
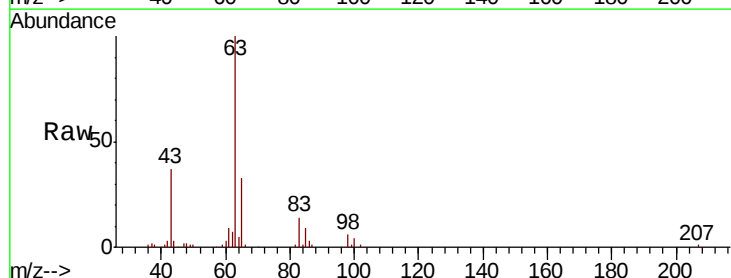
Tgt Ion: 63 Resp: 99198

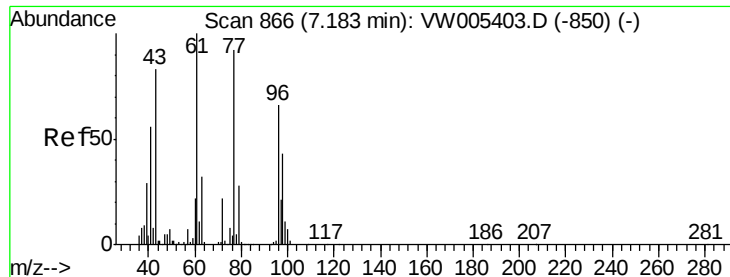
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.9 2.3 6.8





#25

2-Butanone

Concen: 105.46 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampled :

VW0917SBS02

Tot Ion: 43 Resp: 68319

Ion Ratio Lower Upper

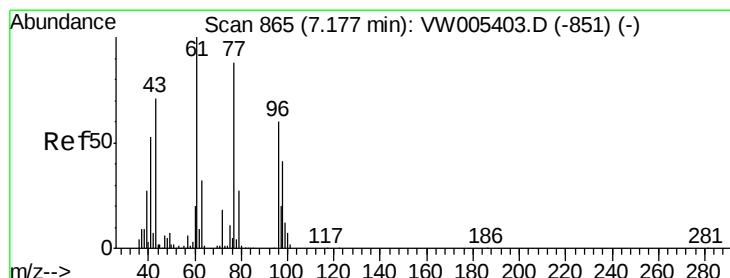
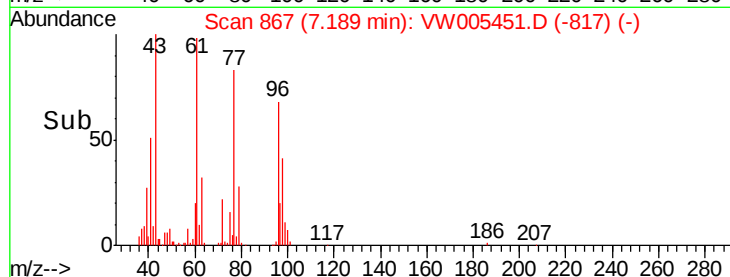
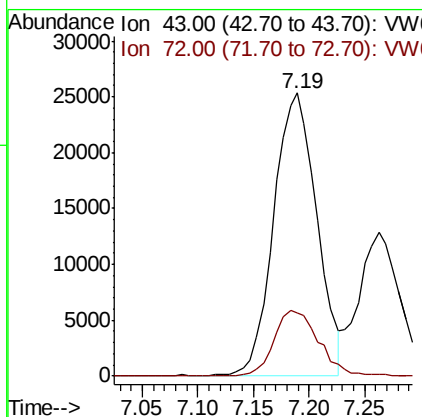
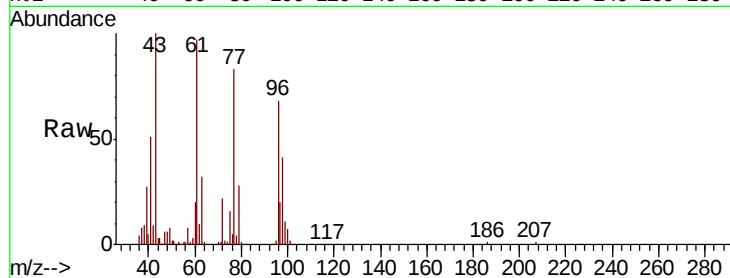
43 100

72 22.3 21.1 31.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.88 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005451.D

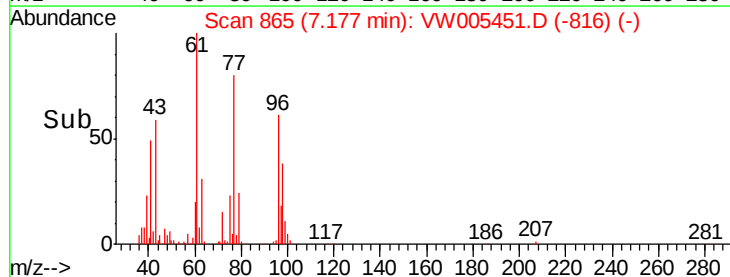
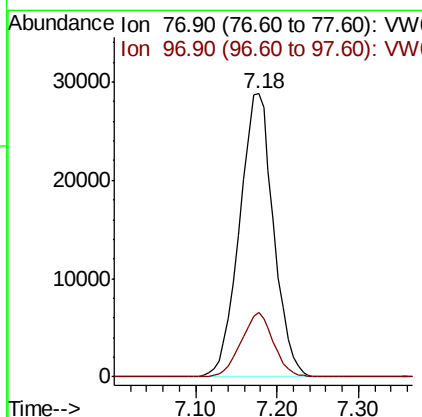
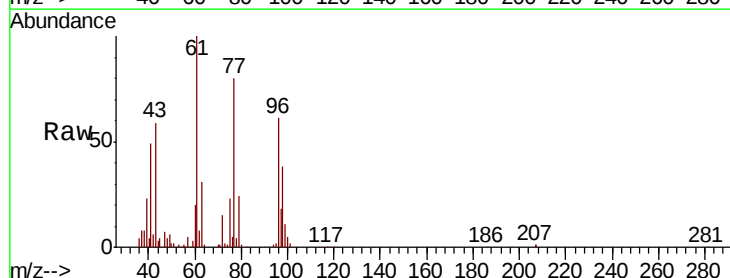
Acq: 18 Sep 2018 01:12

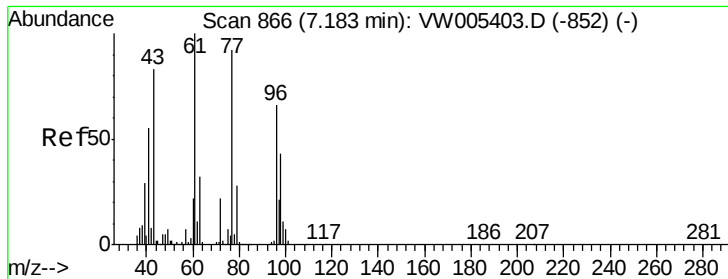
Tgt Ion: 77 Resp: 83461

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1





#27

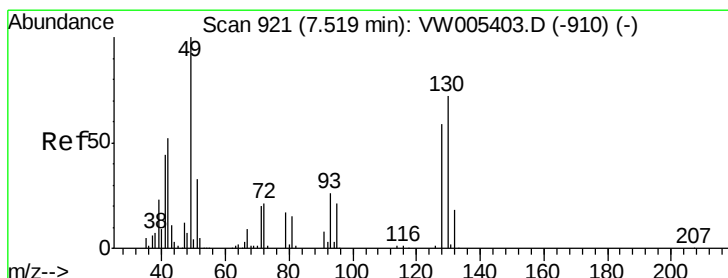
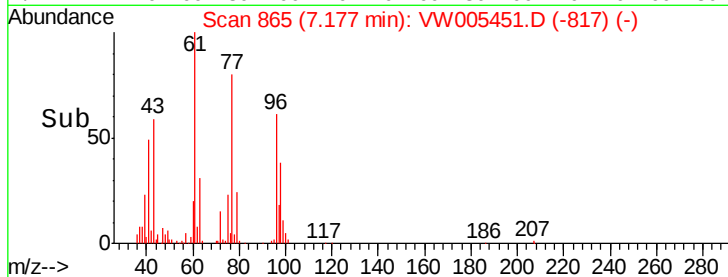
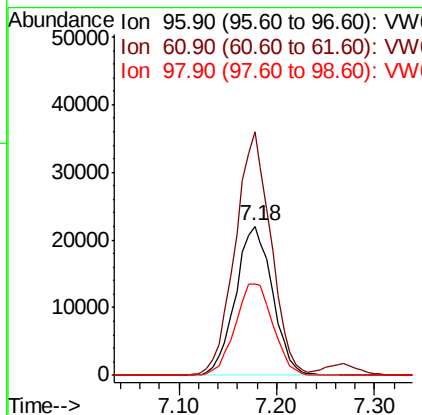
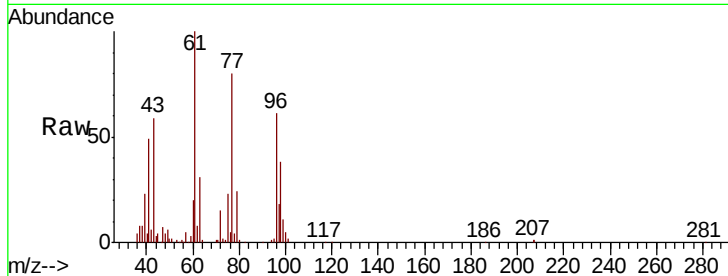
cis-1,2-Dichloroethene
Concen: 22.15 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	57751		
61	158.3		0.0	316.0
98	63.3		0.0	130.8

Manual Integrations
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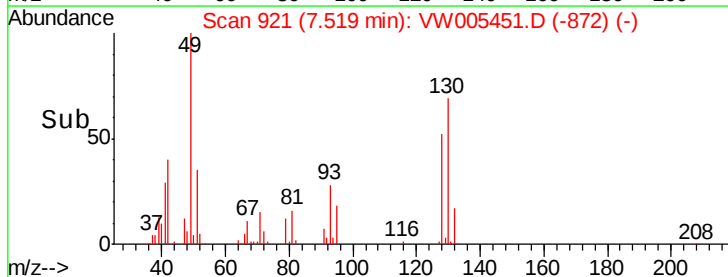
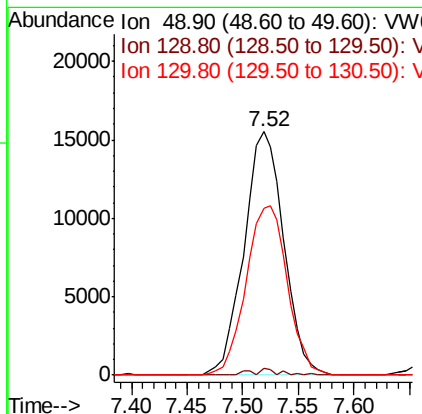
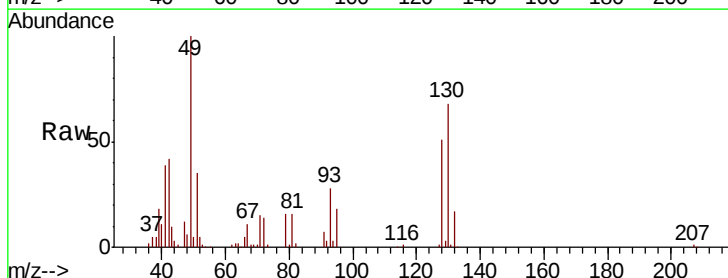
apatel
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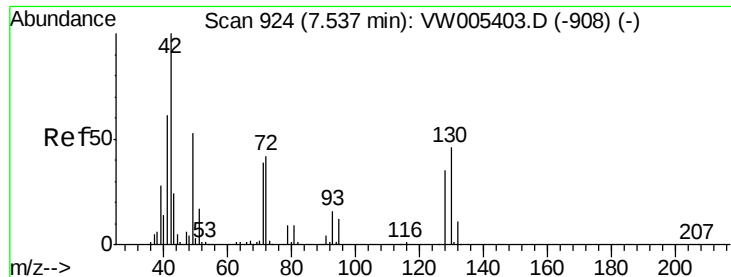


#28

Bromochloromethane
Concen: 22.26 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	38584		
129	1.1		0.0	1.0#
130	72.0		61.4	92.2





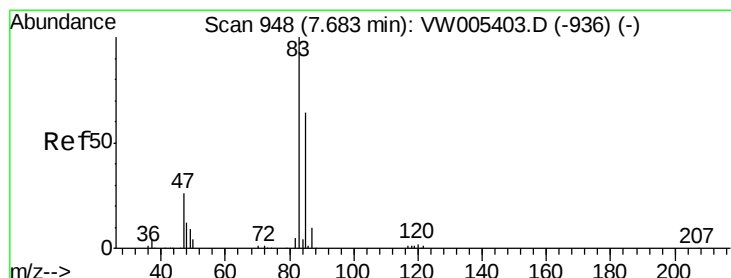
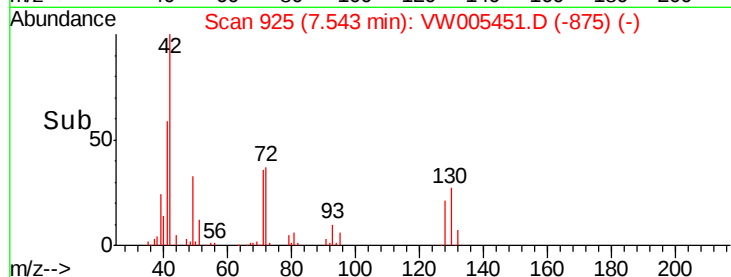
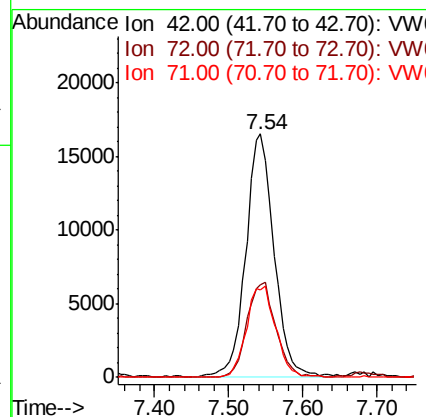
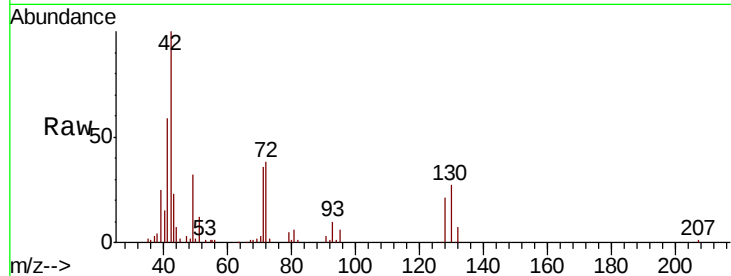
#29
Tetrahydrofuran
Concen: 107.34 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.2	49.8
71	38.1	31.0	46.6

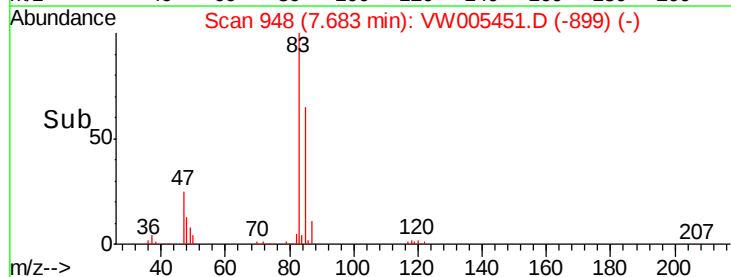
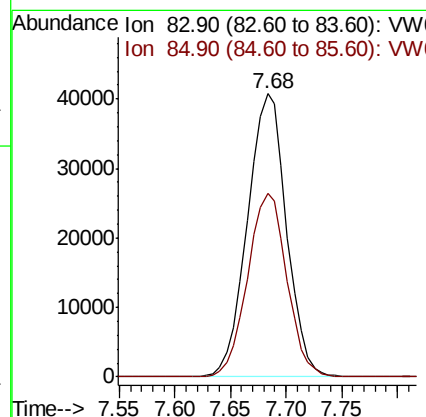
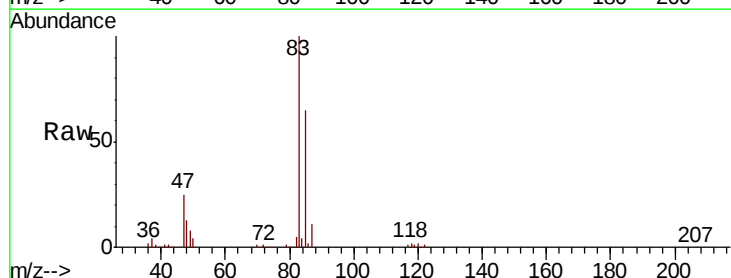
Manual Integrations
APPROVED

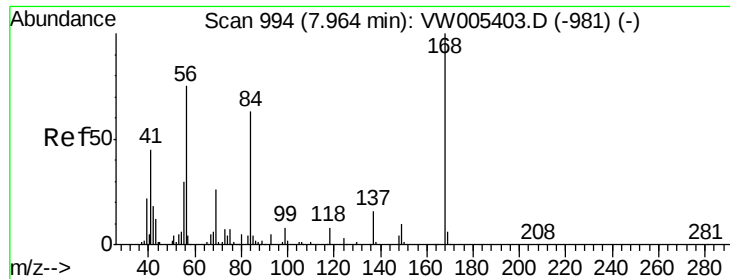
apatel
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#30
Chloroform
Concen: 21.55 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.5	77.3





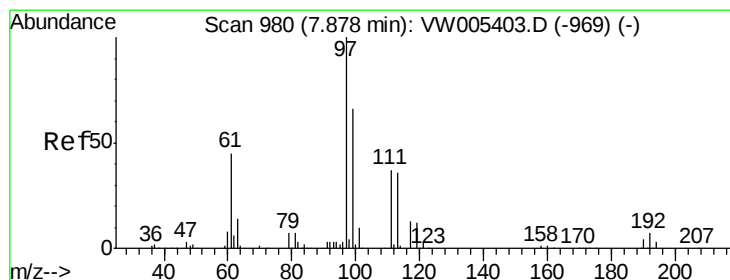
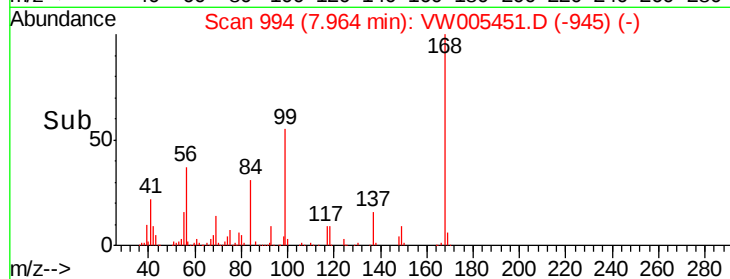
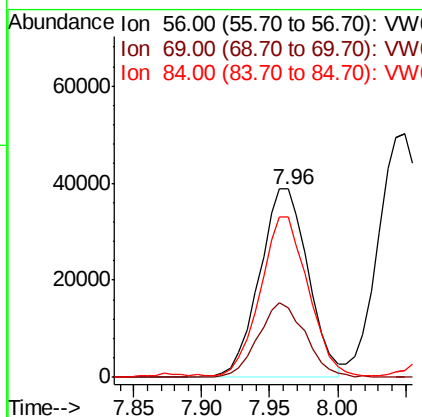
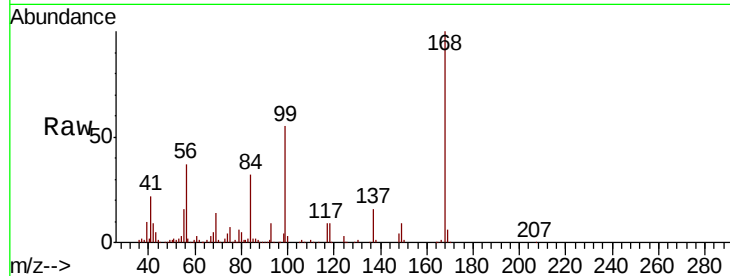
#31
Cyclohexane
Concen: 22.46 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	56	Resp	96523
Ion Ratio	100	Lower	Upper
56	100		
69	37.0	27.2	40.8
84	84.1	66.7	100.1

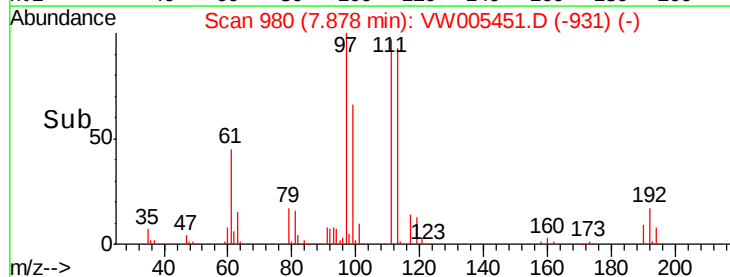
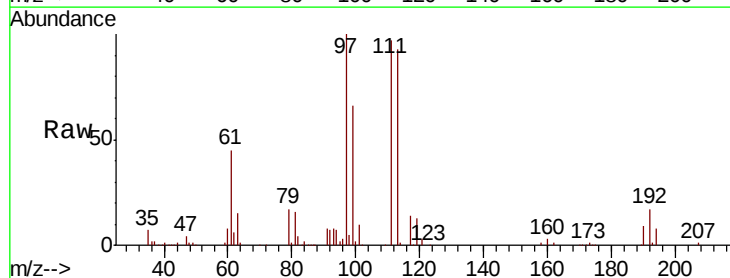
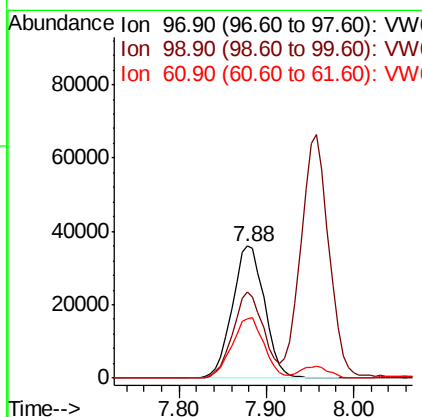
Manual Integrations
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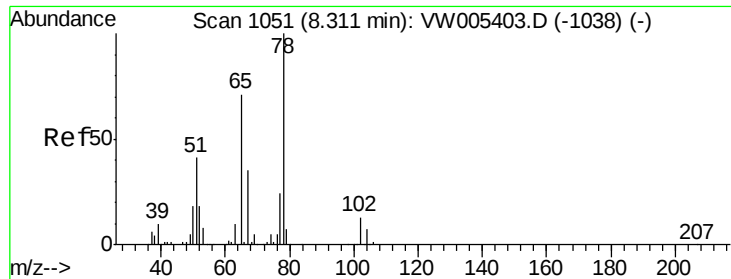
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.50 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	97	Resp	92234
Ion Ratio	100	Lower	Upper
97	100		
99	62.5	51.5	77.3
61	45.5	35.8	53.6





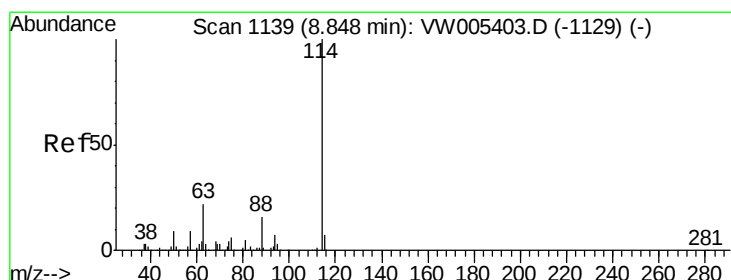
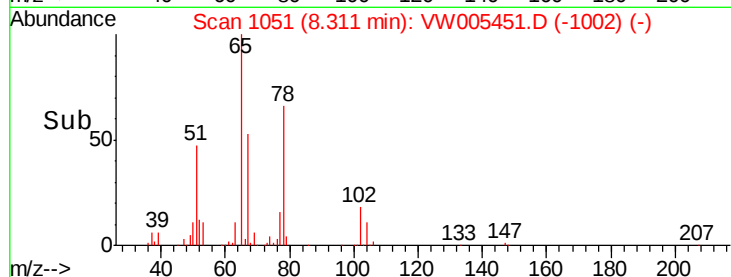
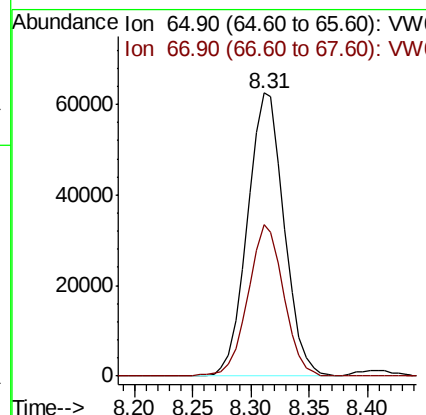
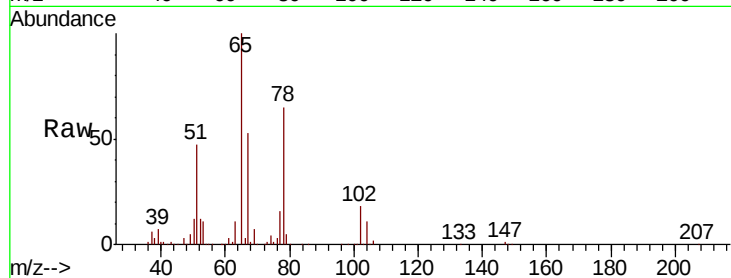
#33
 1,2-Dichloroethane-d4
 Concen: 51.01 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	137355		
67	52.0	0.0	100.6	

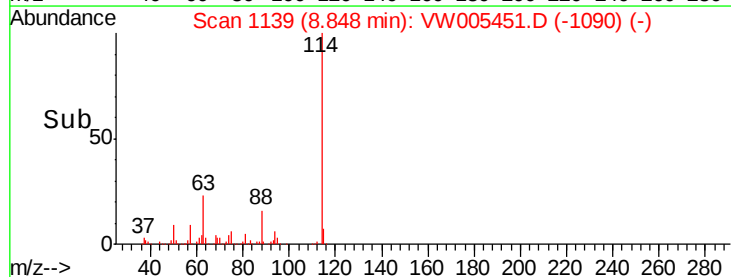
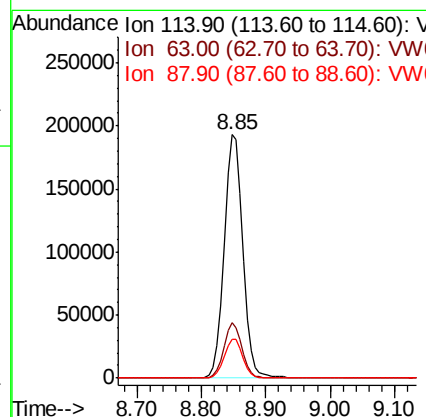
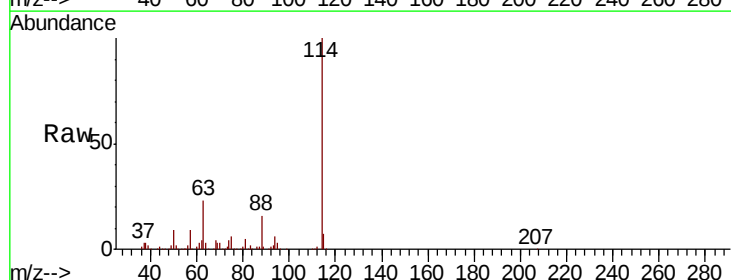
Manual Integrations
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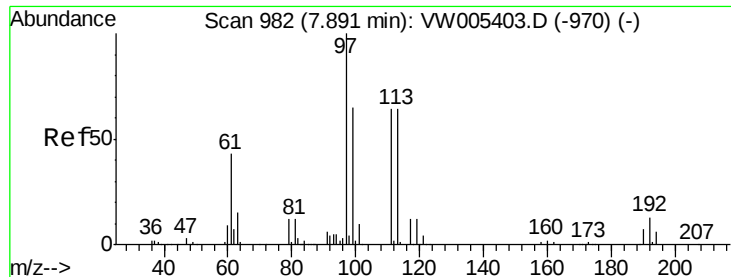
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	395519		
63	23.0	0.0	43.4	
88	16.2	0.0	31.8	





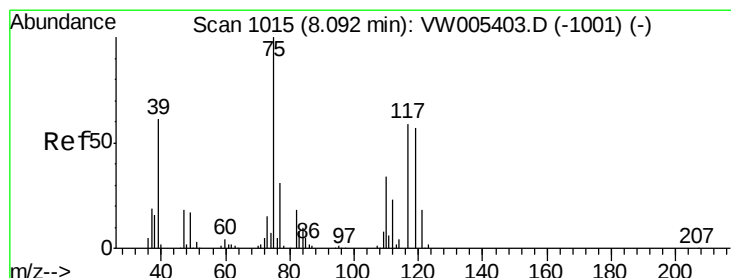
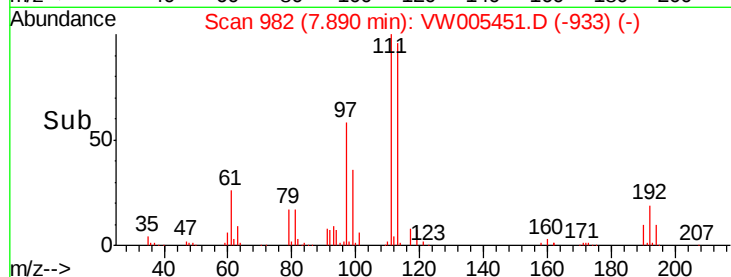
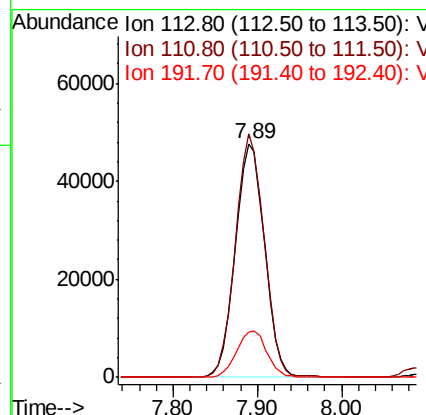
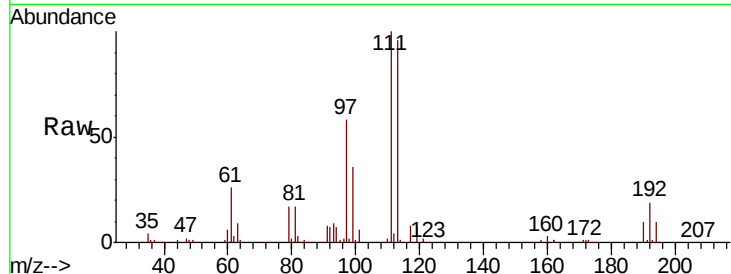
#35
 Dibromofluoromethane
 Concen: 50.75 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.0	82.3	123.5	
192	20.1	16.5	24.7	

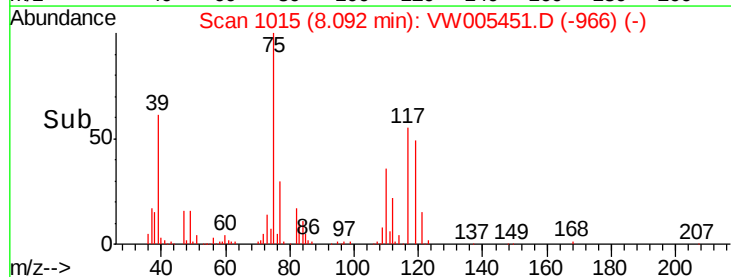
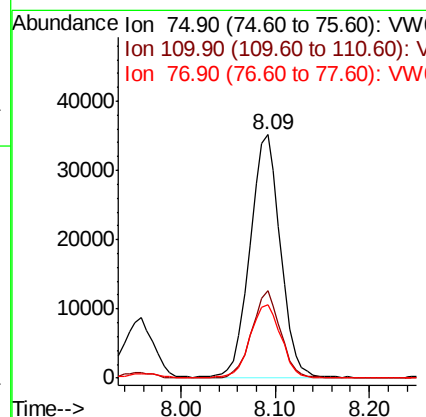
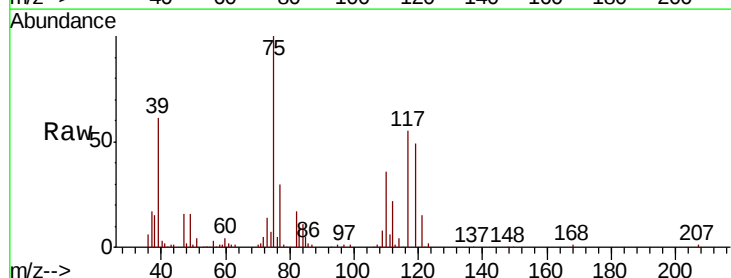
Manual Integrations
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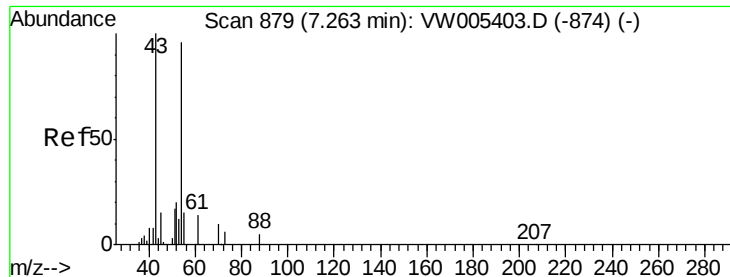
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#36
 1,1-Dichloropropene
 Concen: 21.31 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.9	16.8	50.4	
77	31.0	24.2	36.4	





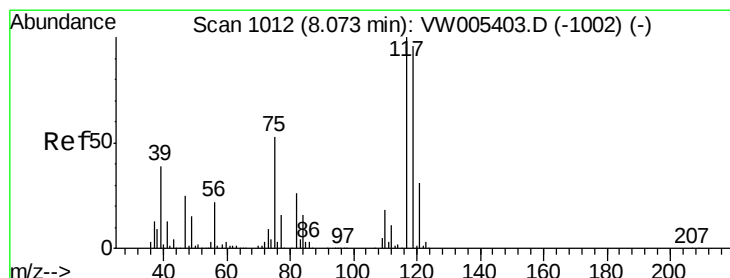
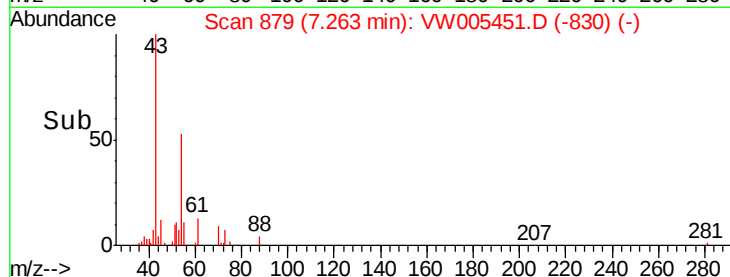
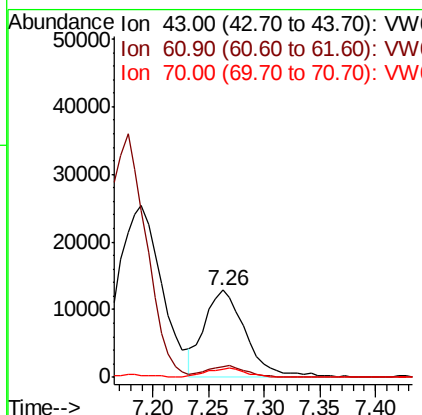
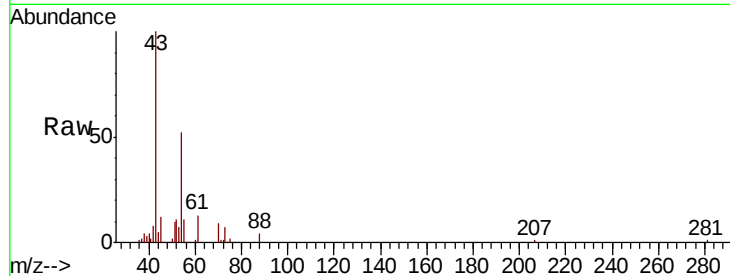
#37
Ethyl Acetate
Concen: 21.37 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.3	16.9
70	10.5	8.2	12.4

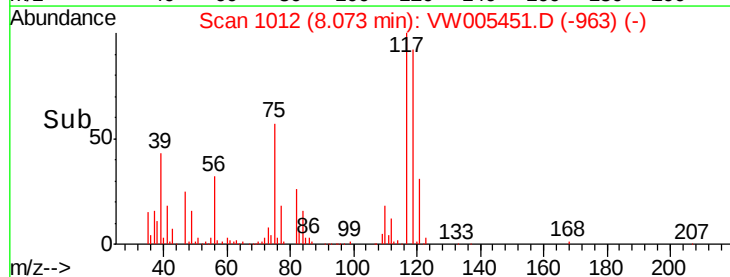
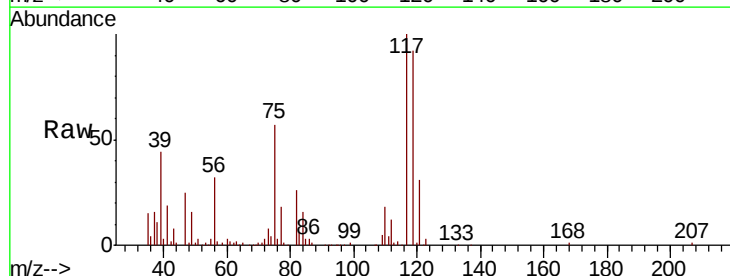
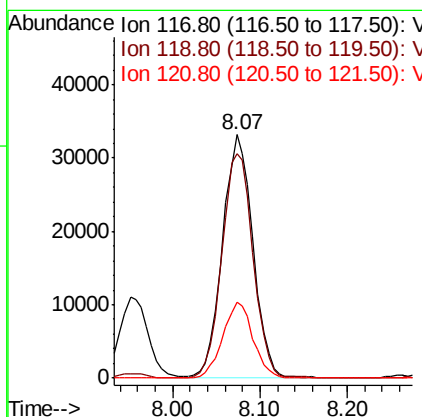
Manual Integrations
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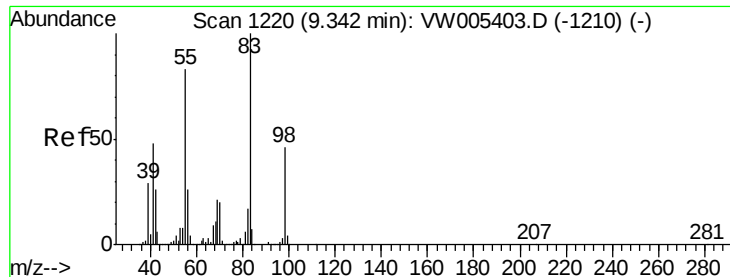
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#38
Carbon Tetrachloride
Concen: 20.56 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.8	115.2
121	31.2	24.7	37.1





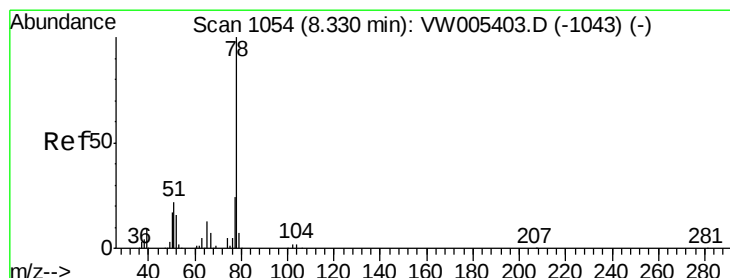
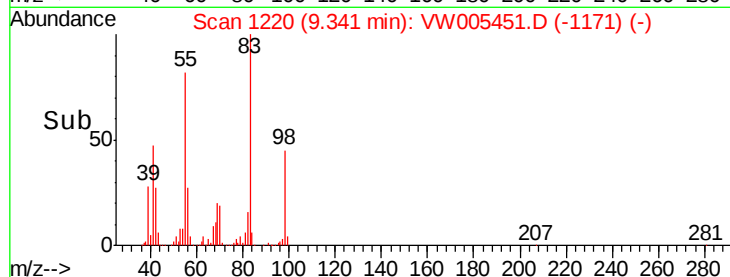
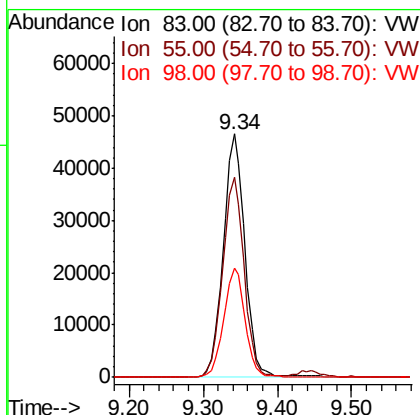
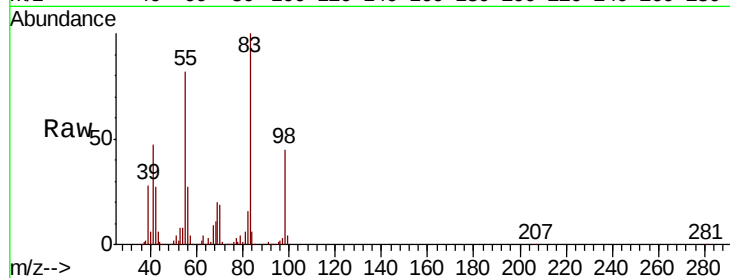
#39
Methvlcvclohexane
Concen: 21.61 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.0	66.1	99.1	
98	45.1	36.7	55.1	

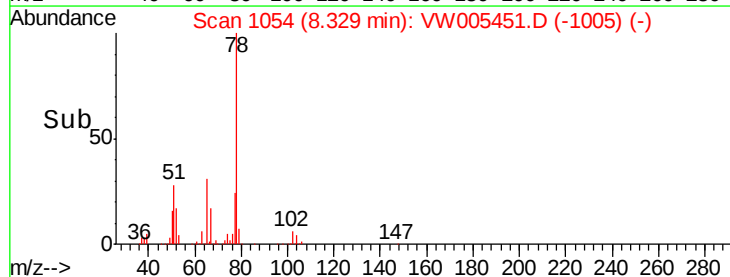
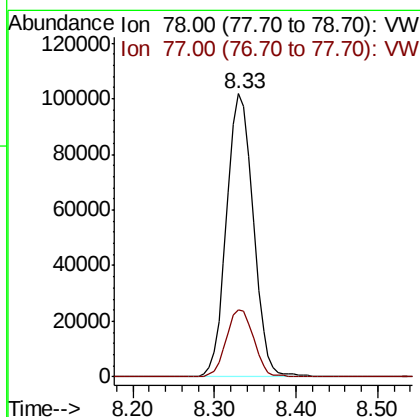
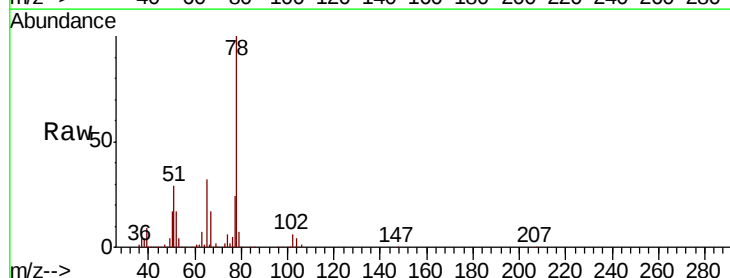
Manual Integrations
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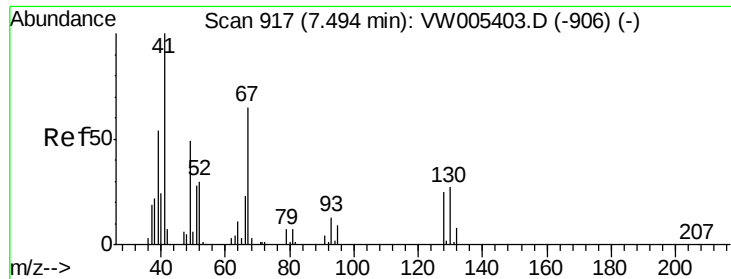
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#40
Benzene
Concen: 21.26 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	19.3	28.9	





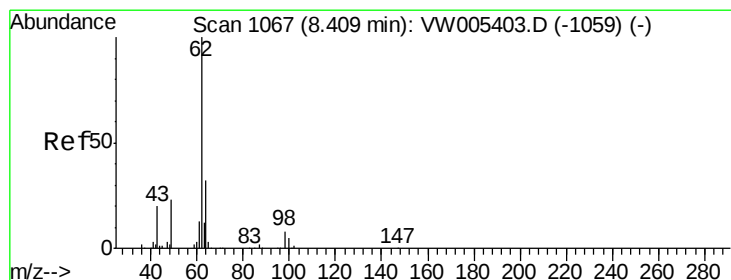
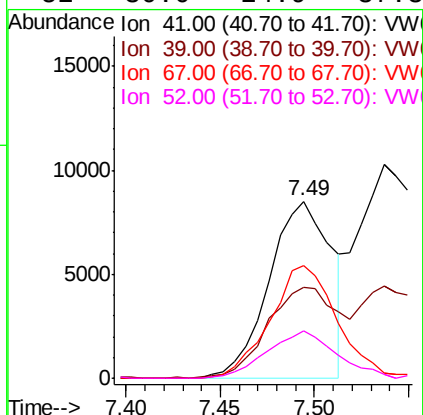
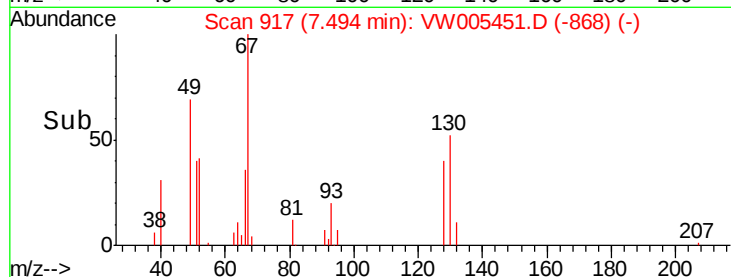
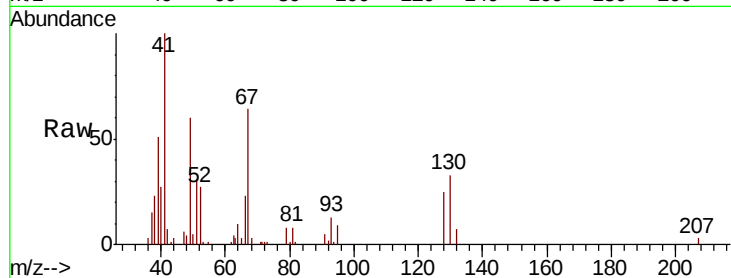
#41
Methacrylonitrile
Concen: 21.33 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		19585		
39	59.9	44.6	67.0		
67	68.4	53.6	80.4		
52	30.0	24.9	37.3		

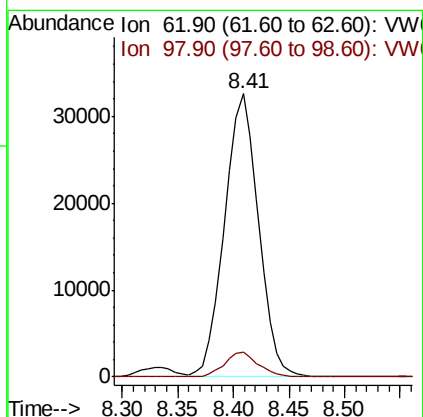
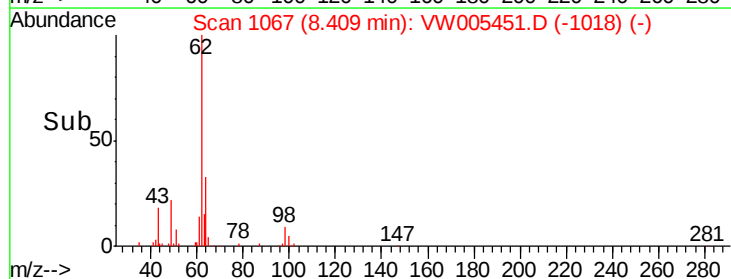
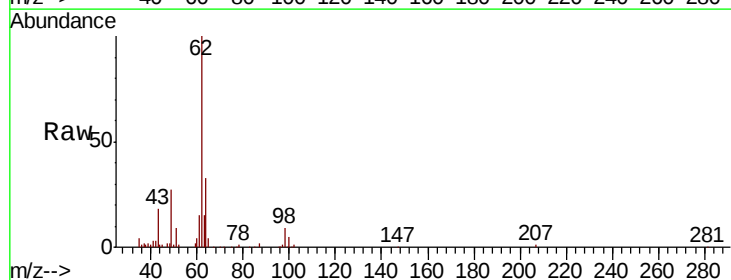
Manual Integrations
APPROVED

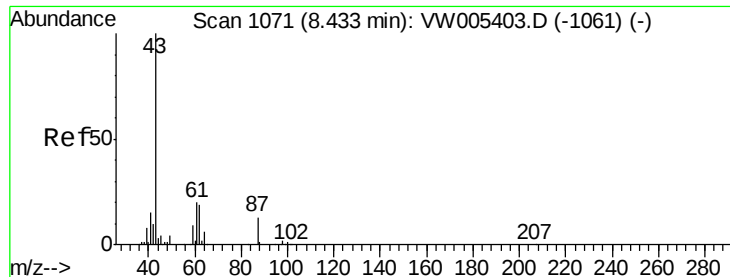
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#42
1,2-Dichloroethane
Concen: 20.33 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		68993		
98	8.6	0.0	15.6		





#43

Isopropyl Acetate

Concen: 21.43 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

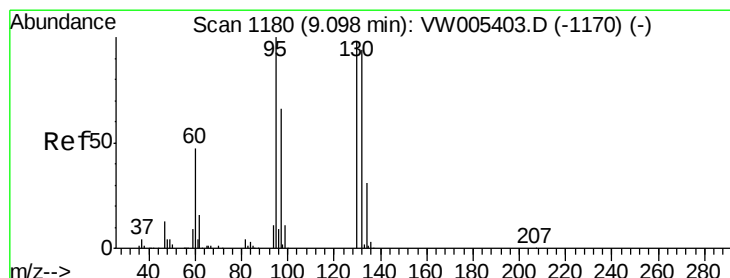
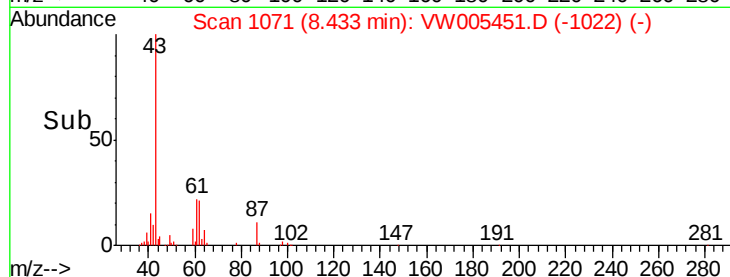
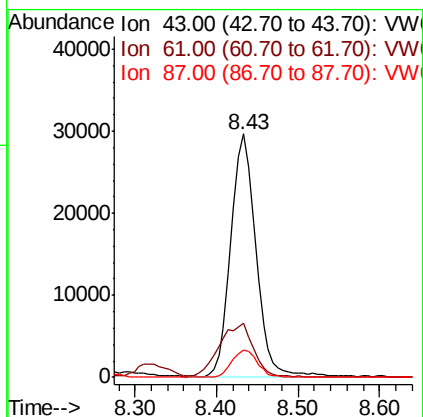
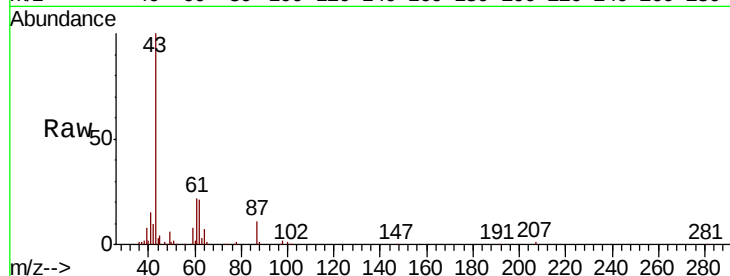
ClientSampleId :

VW0917SBS02

Tot Ion:	43	Resp:	63676
Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.8	35.6
87	11.4	10.1	15.1

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#44

Trichloroethene

Concen: 21.18 ug/l

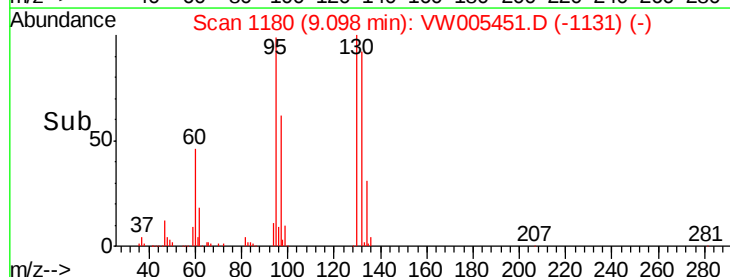
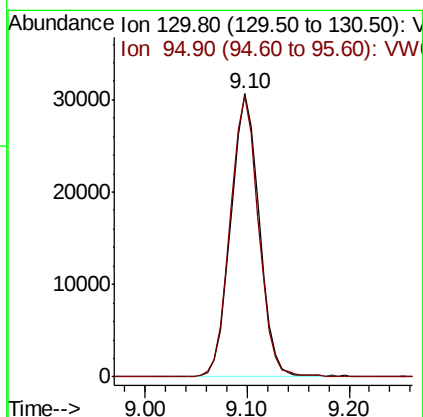
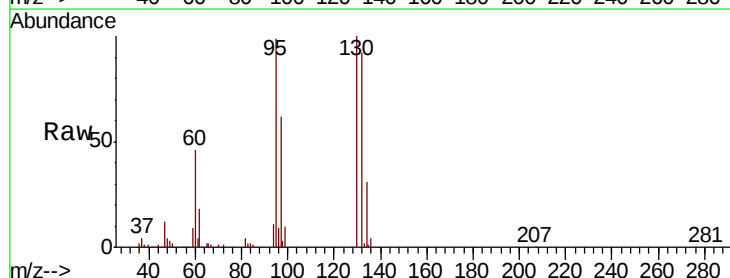
RT: 9.10 min Scan# 1180

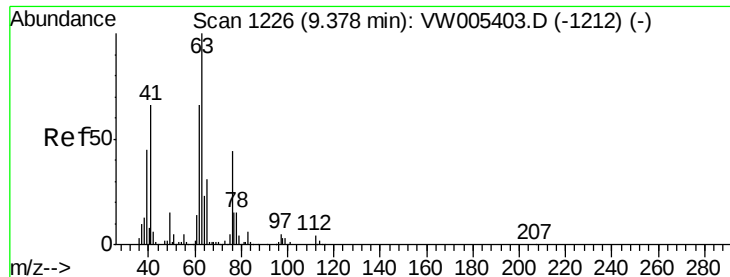
Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion:	130	Resp:	59097
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	204.6





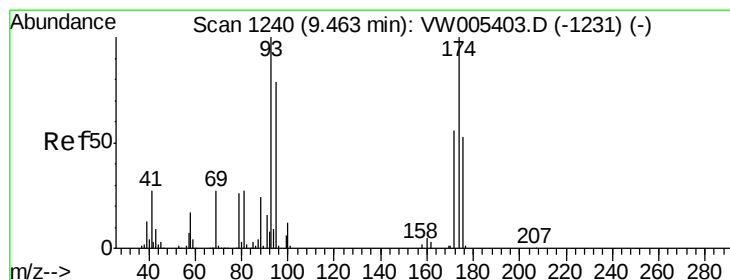
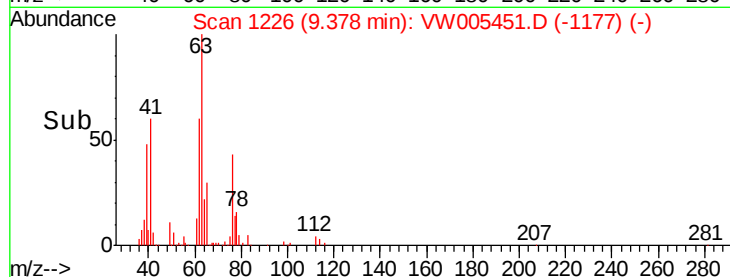
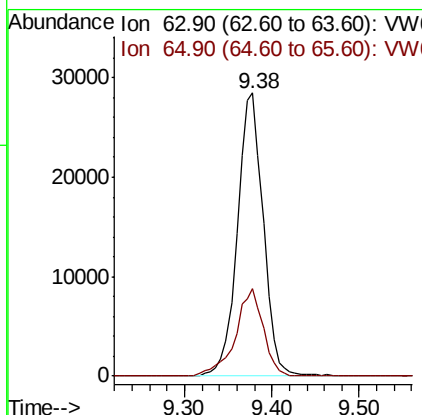
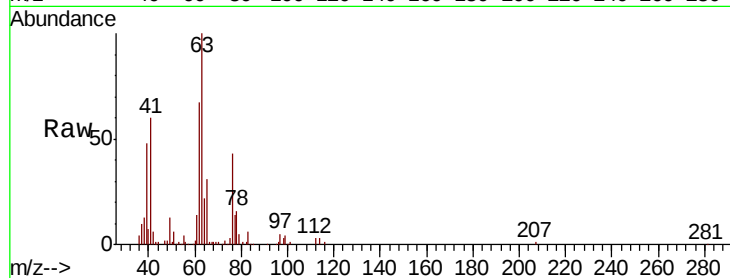
#45
 1,2-Dichloropropane
 Concen: 22.57 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.0	37.6

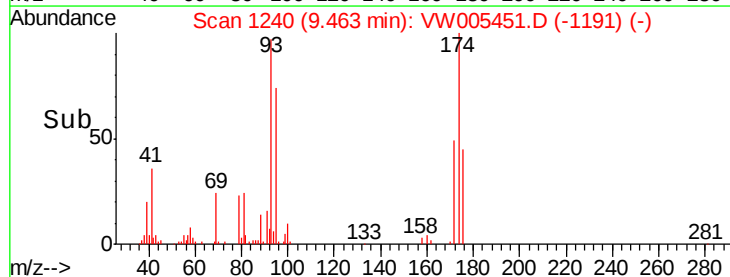
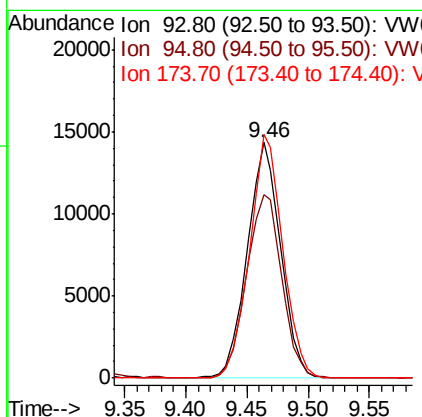
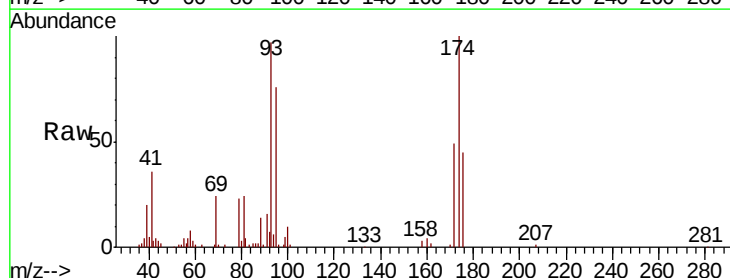
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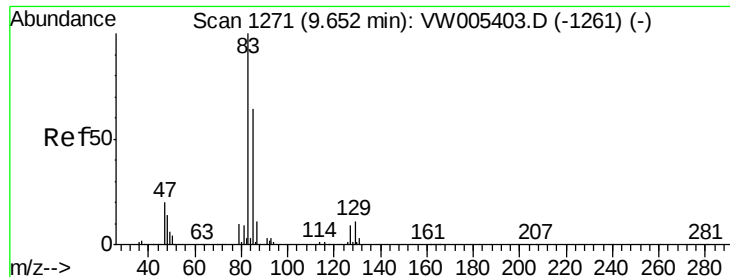
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#46
 Dibromomethane
 Concen: 21.35 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.4	98.0
174	102.8	83.4	125.2





#47

Bromodichloromethane

Concen: 21.89 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

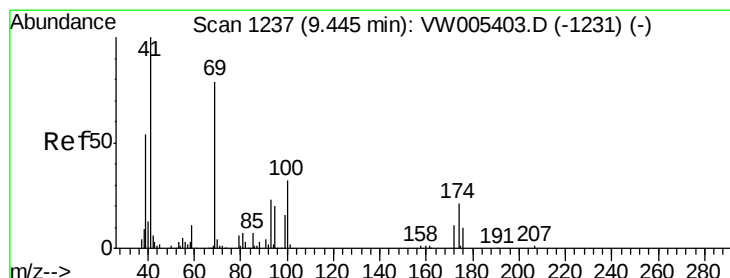
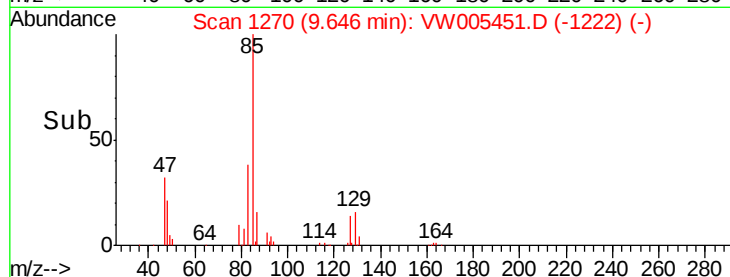
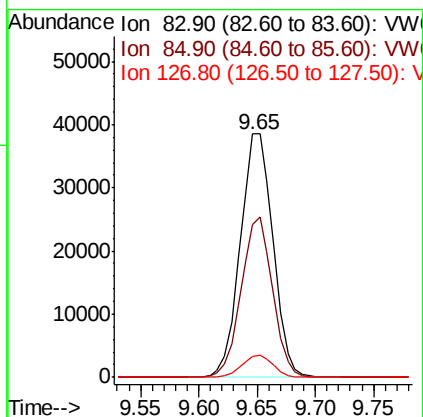
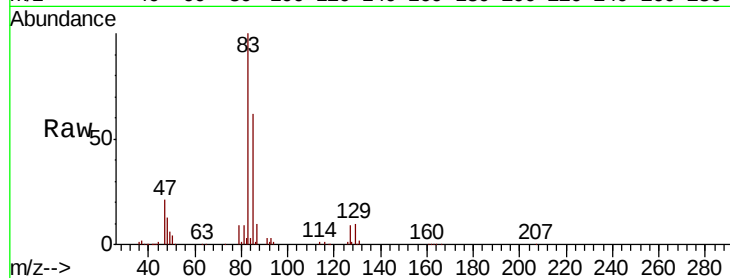
ClientSampleId :

VW0917SBS02

Tot Ion:	83	Resp:	75581
Ion Ratio	Lower	Upper	
83	100		
85	62.5	50.9	76.3
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.74 ug/l

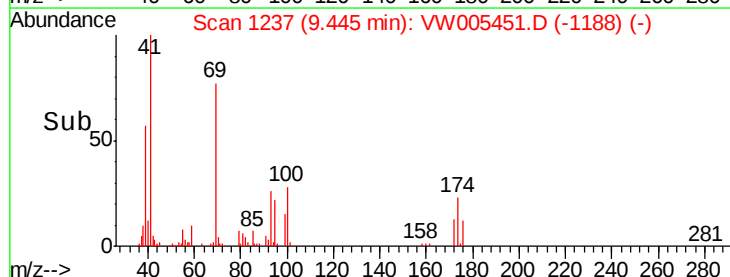
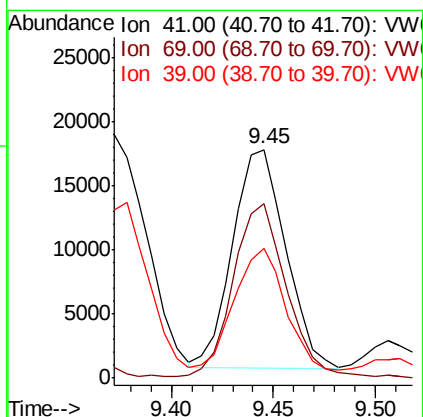
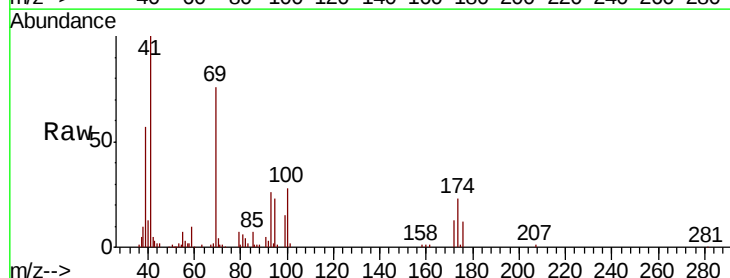
RT: 9.45 min Scan# 1237

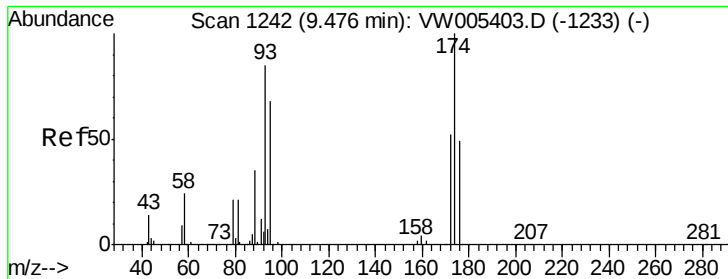
Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion:	41	Resp:	30745
Ion Ratio	Lower	Upper	
41	100		
69	80.6	67.5	101.3
39	62.2	45.5	68.3





#49

1,4-Dioxane

Concen: 449.05 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

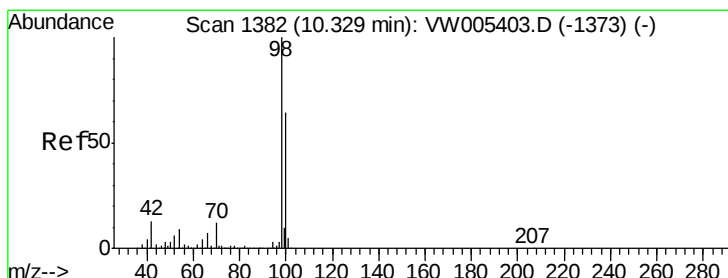
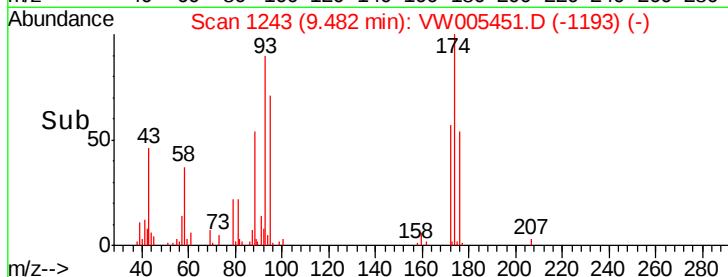
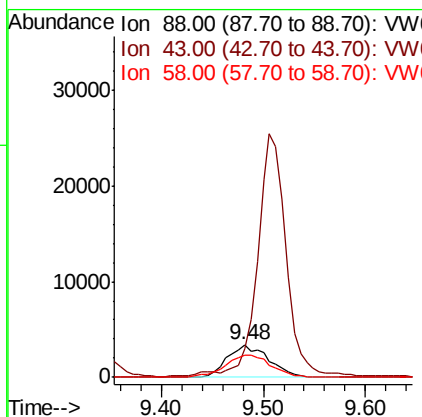
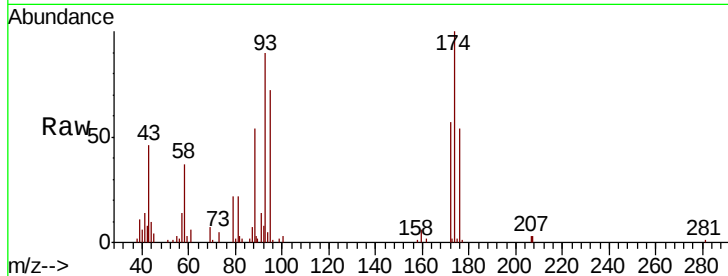
ClientSampleId :

VW0917SBS02

Tot Ion:	88	Resp:	9538
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.4	62.4	93.6

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#50

Toluene-d8

Concen: 51.85 ug/l

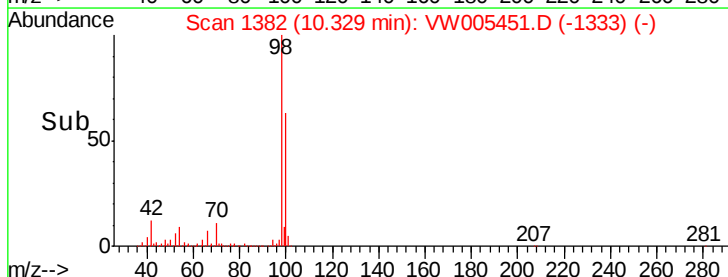
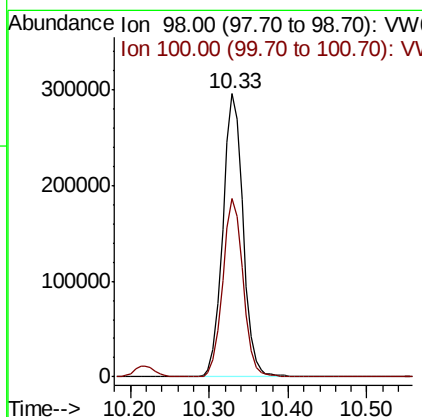
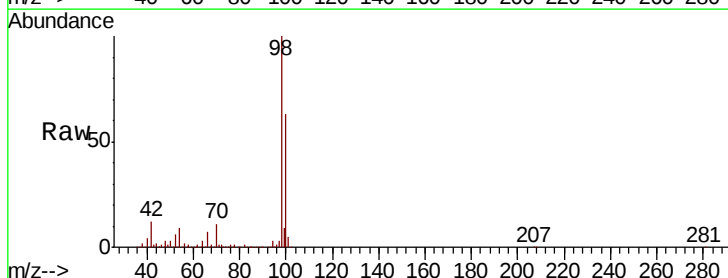
RT: 10.33 min Scan# 1382

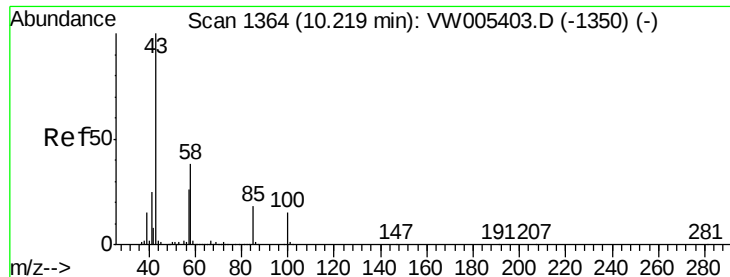
Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion:	98	Resp:	526548
Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 105.21 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampled :

VW0917SBS02

Tot Ion: 43 Resp: 160889

Ion Ratio Lower Upper

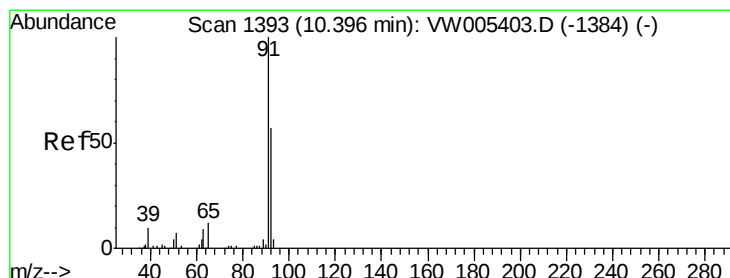
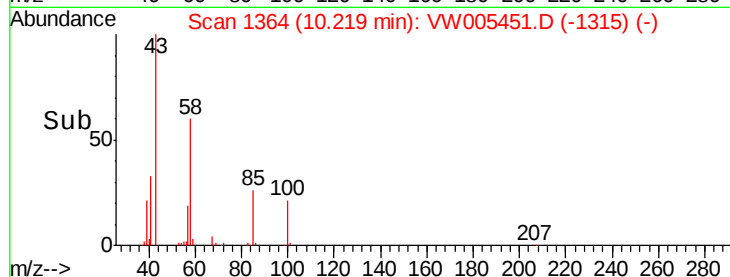
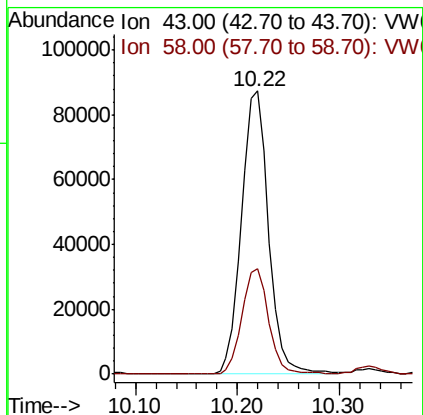
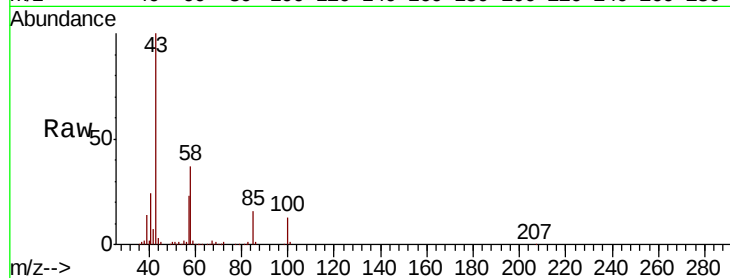
43 100

58 36.8 29.9 44.9

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#52

Toluene

Concen: 21.53 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005451.D

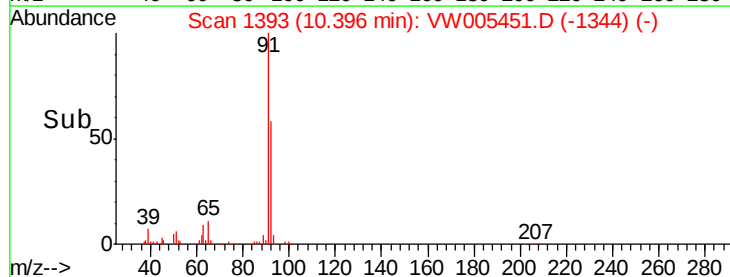
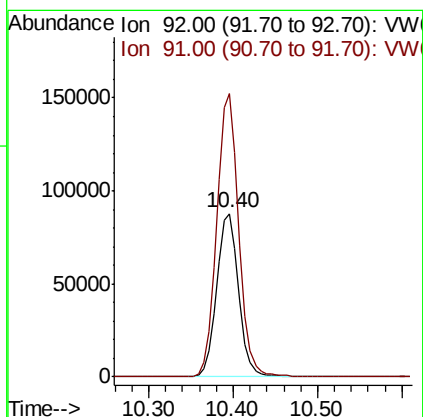
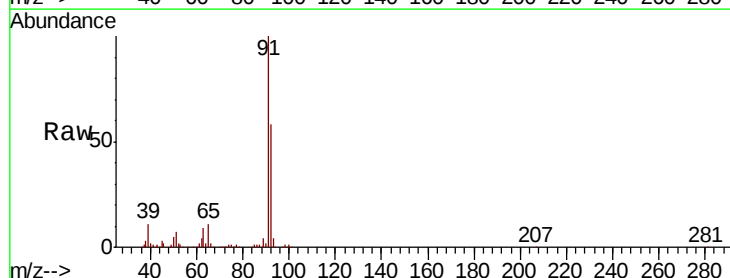
Acq: 18 Sep 2018 01:12

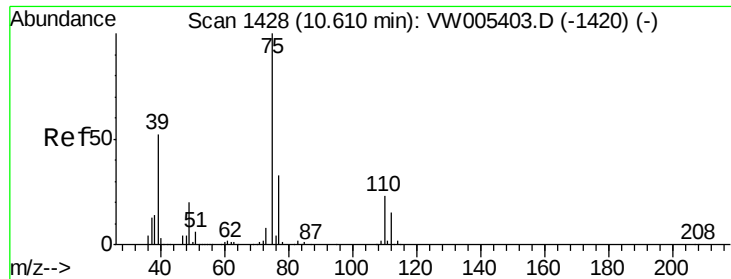
Tgt Ion: 92 Resp: 158129

Ion Ratio Lower Upper

92 100

91 173.4 139.1 208.7





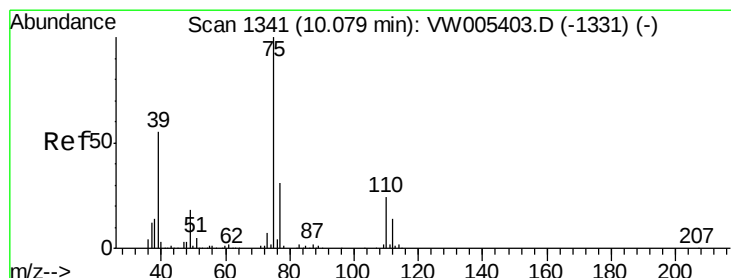
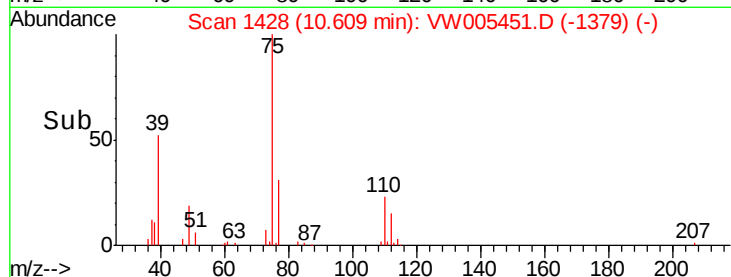
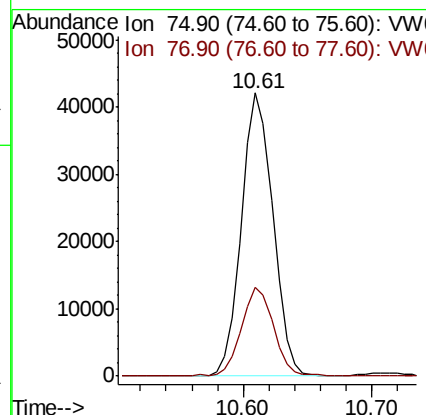
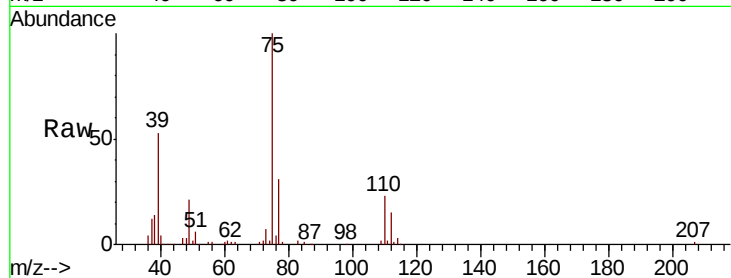
#53
 t-1,3-Dichloropropene
 Concen: 20.68 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion: 75 Resp: 71475
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.5 39.7

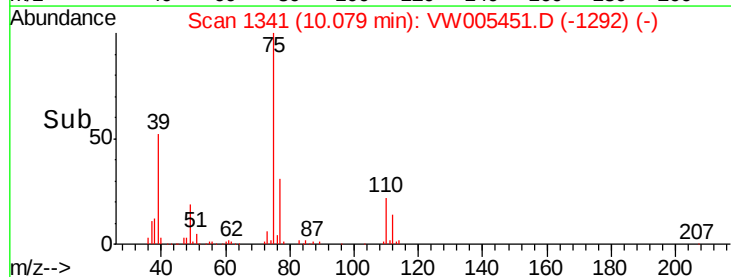
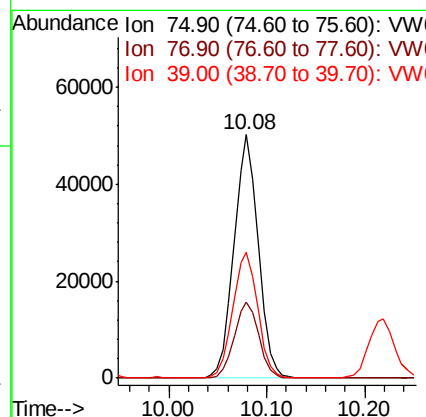
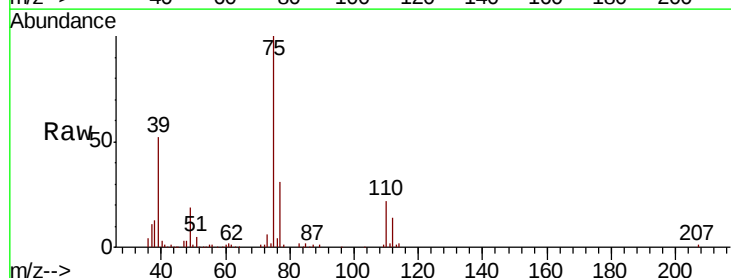
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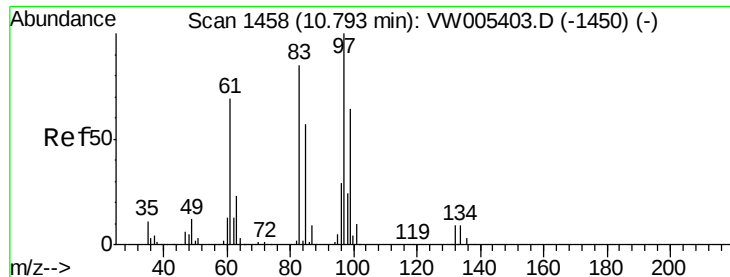
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#54
 cis-1,3-Dichloropropene
 Concen: 22.03 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion: 75 Resp: 86207
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4
 39 51.6 44.2 66.2





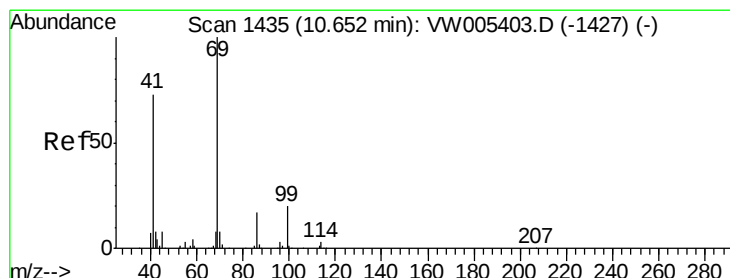
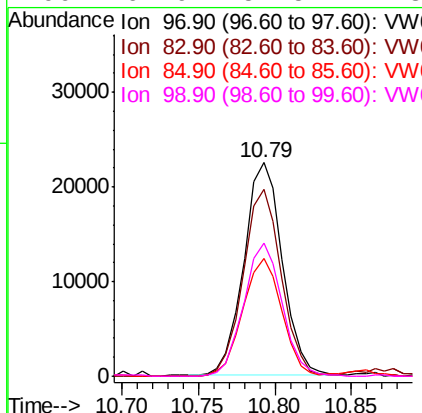
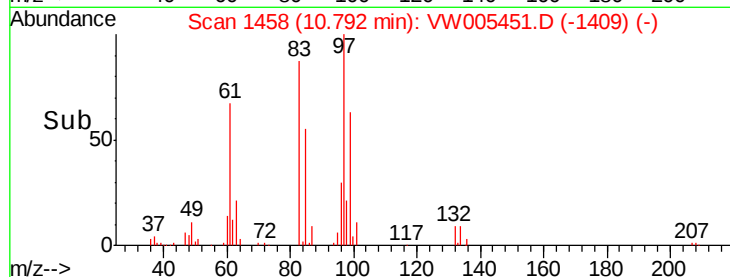
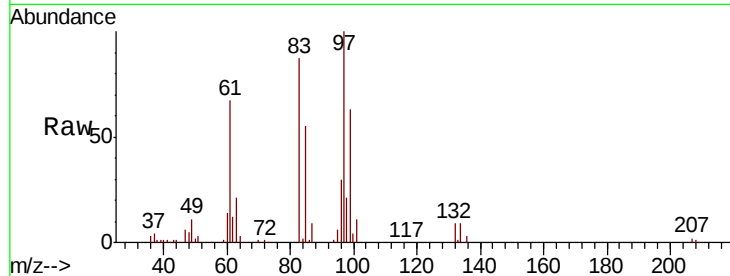
#55
 1,1,2-Trichloroethane
 Concen: 20.76 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion:	97	Resp:	39330
Ion	Ratio	Lower	Upper
97	100		
83	87.8	67.8	101.8
85	55.5	45.4	68.0
99	62.9	51.5	77.3

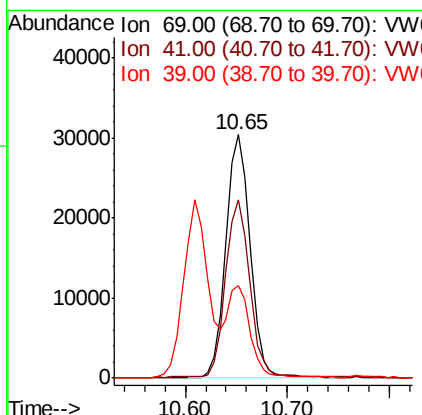
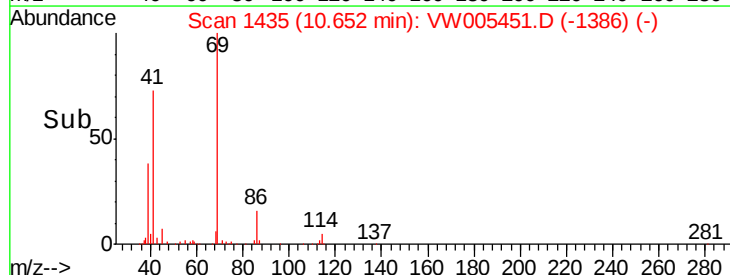
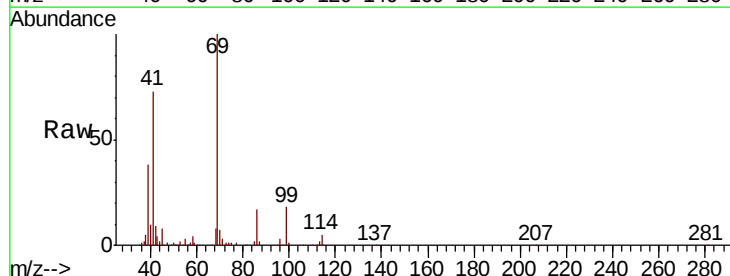
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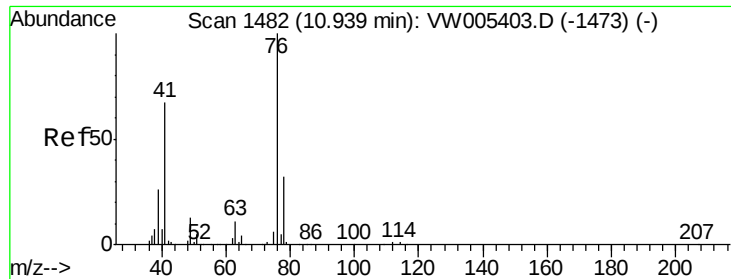
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#56
 Ethyl methacrylate
 Concen: 20.98 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion:	69	Resp:	50286
Ion	Ratio	Lower	Upper
69	100		
41	72.2	59.3	88.9
39	36.5	30.2	45.4





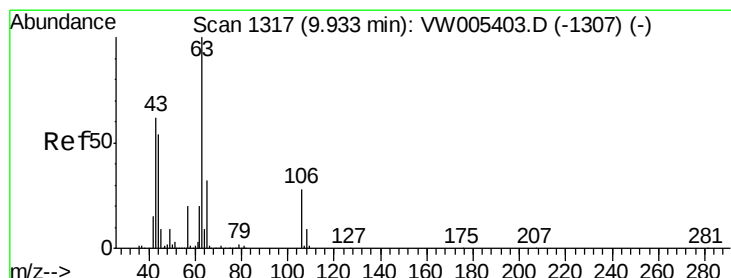
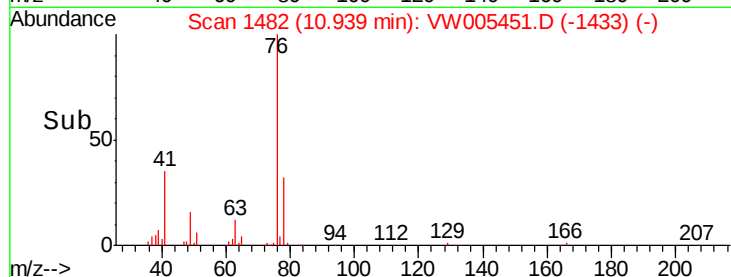
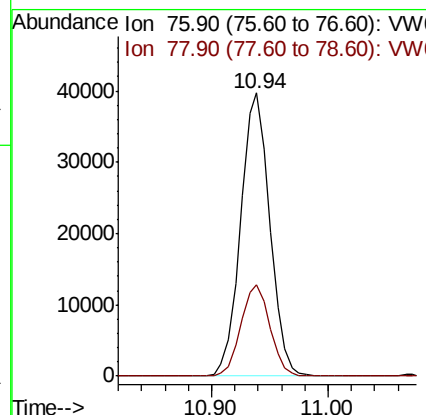
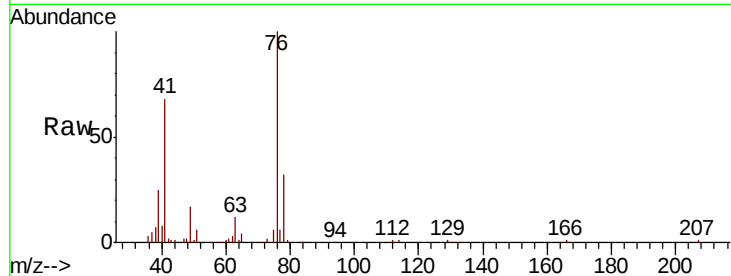
#57
 1,3-Dichloropropane
 Concen: 21.21 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4

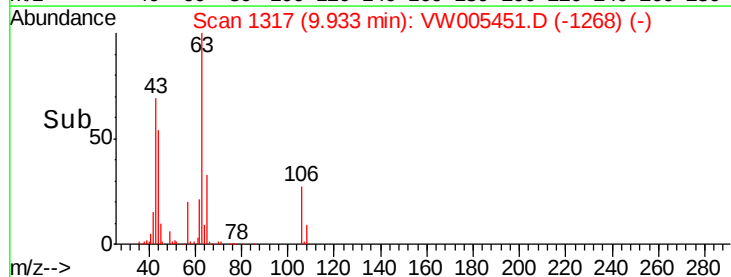
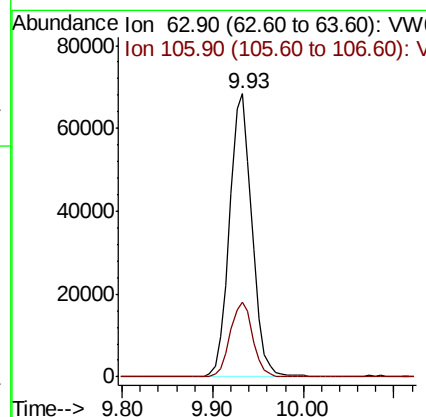
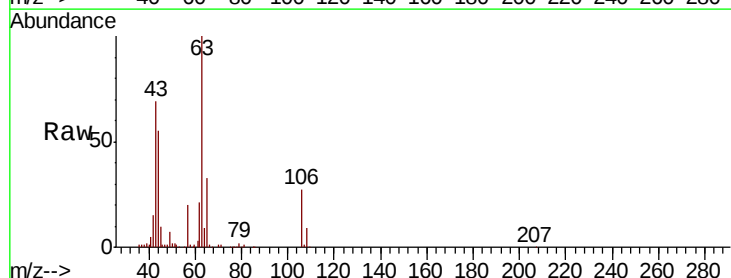
Manual Integrations
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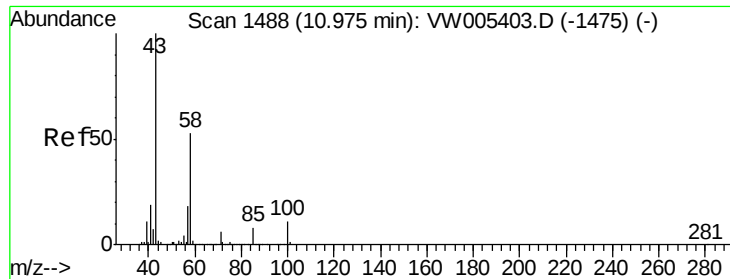
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.24 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	22.0	33.0





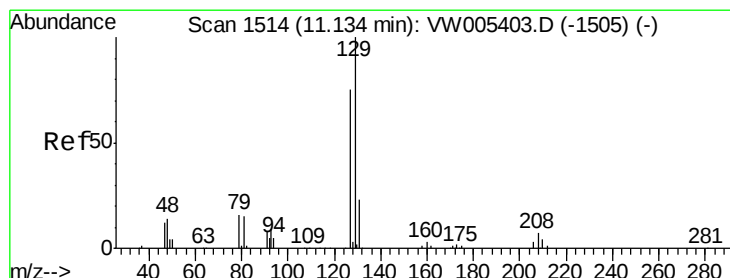
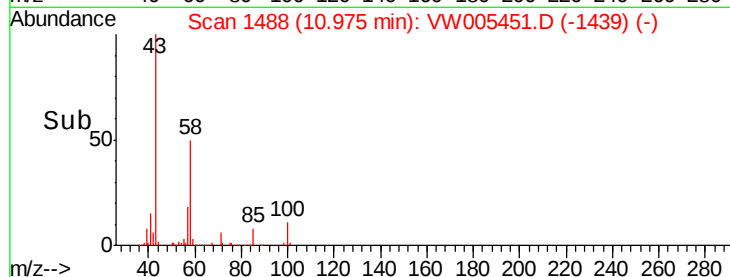
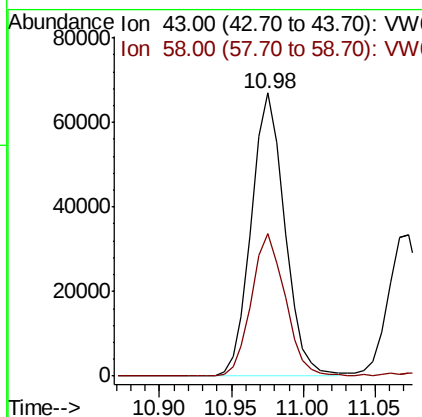
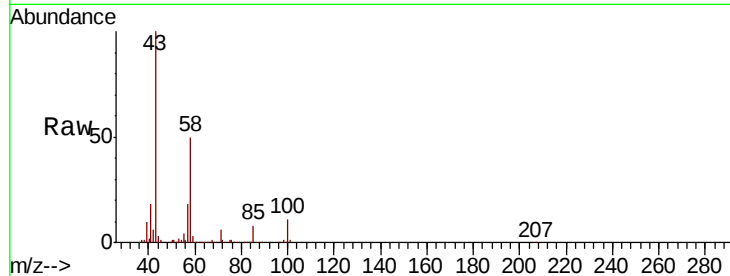
#59
2-Hexanone
Concen: 102.88 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.0	25.5	76.5

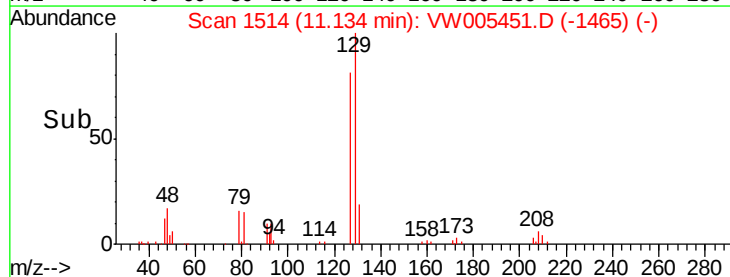
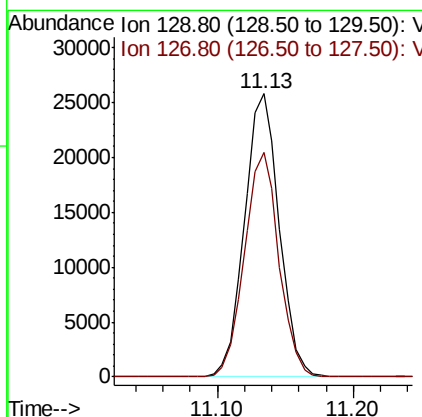
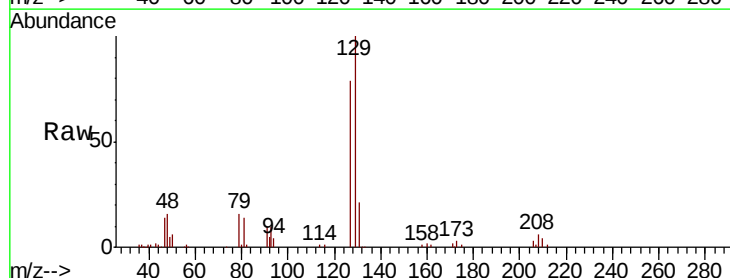
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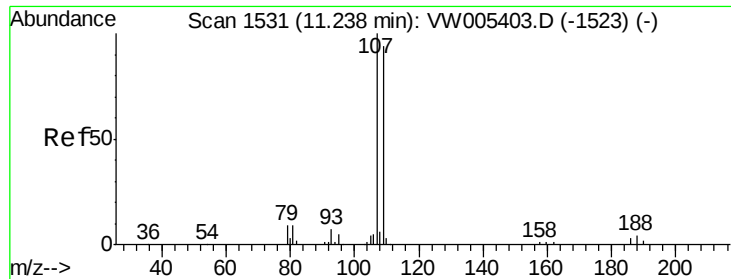
apatel
9/18/2018 2:43:43 PM



#60
Dibromochloromethane
Concen: 20.21 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.5	115.3





#61

1,2-Dibromoethane

Concen: 20.55 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 107 Resp: 34914

Ion Ratio Lower Upper

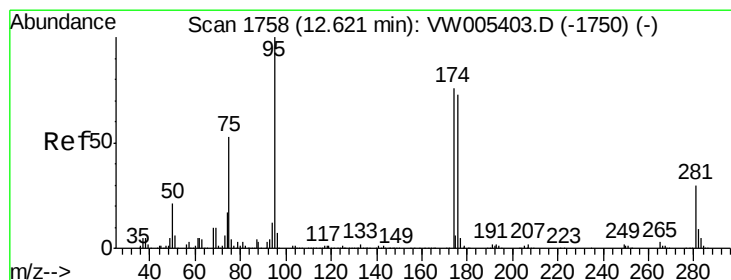
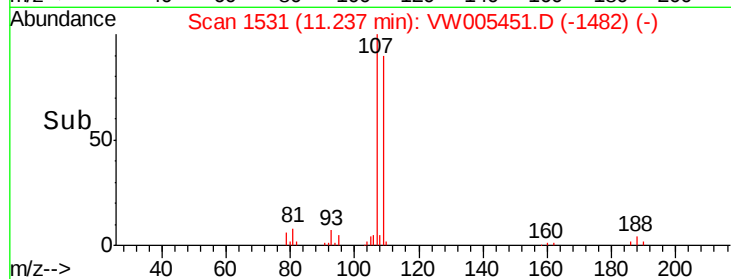
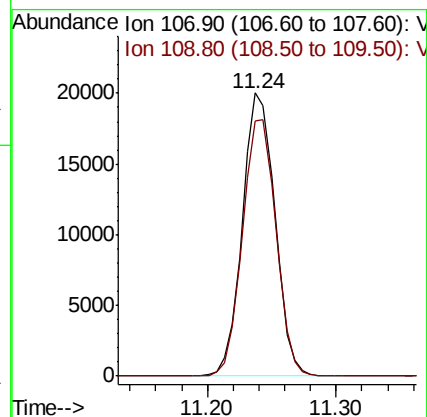
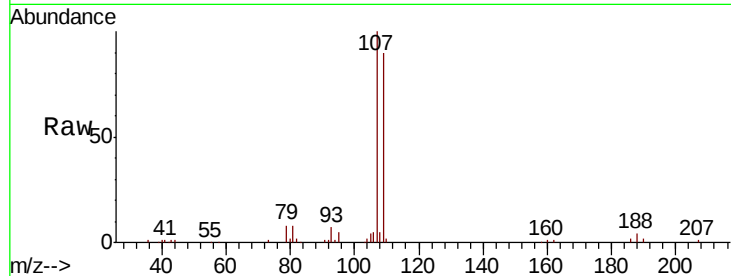
107 100

109 93.6 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 52.69 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

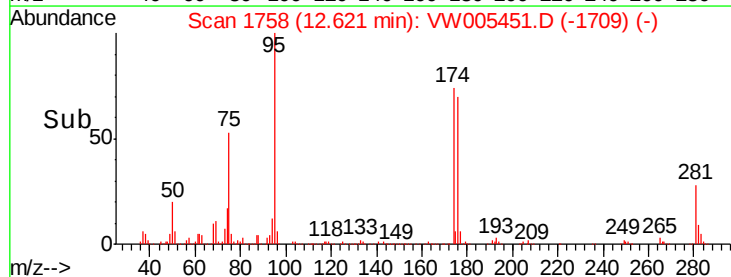
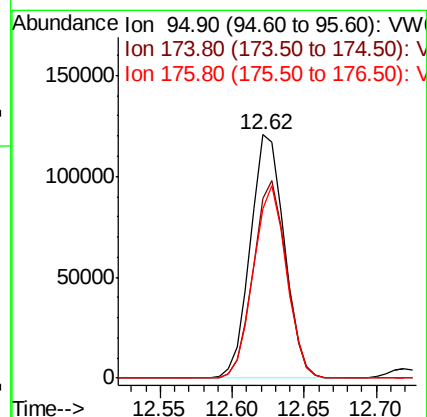
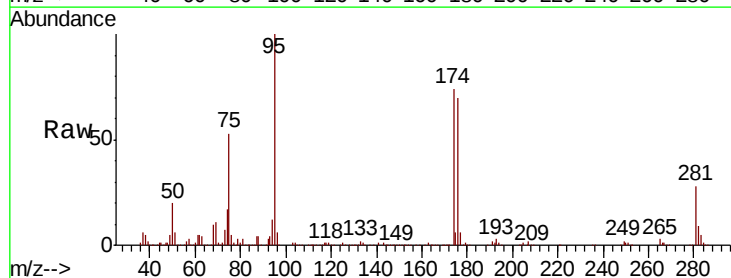
Tgt Ion: 95 Resp: 196202

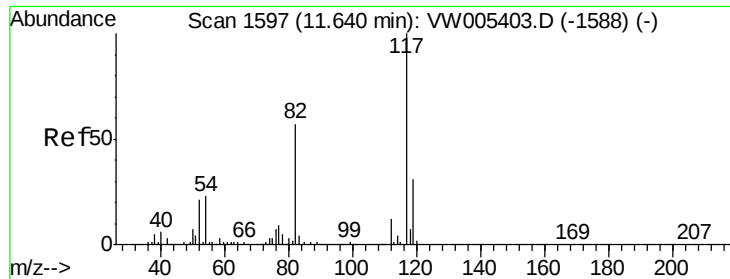
Ion Ratio Lower Upper

95 100

174 79.7 0.0 161.2

176 76.9 0.0 156.6





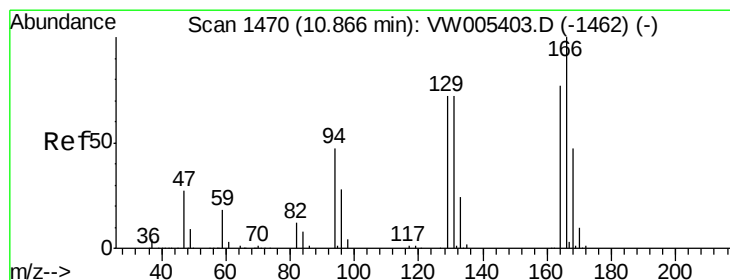
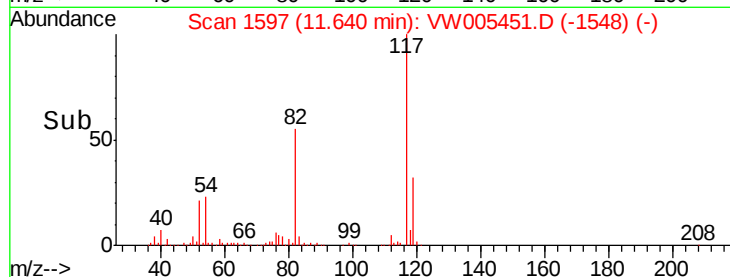
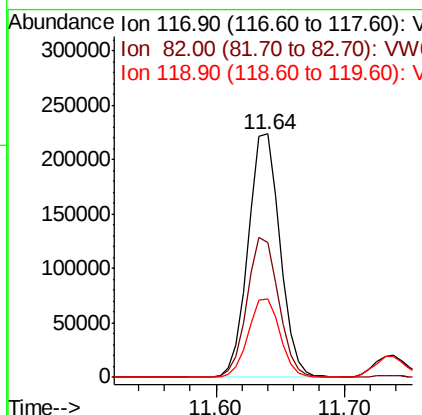
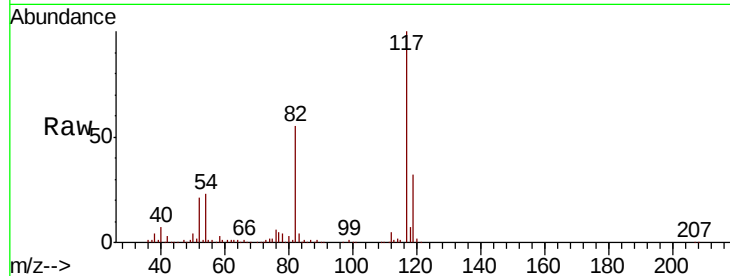
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.9	68.9
119	32.2	24.8	37.2

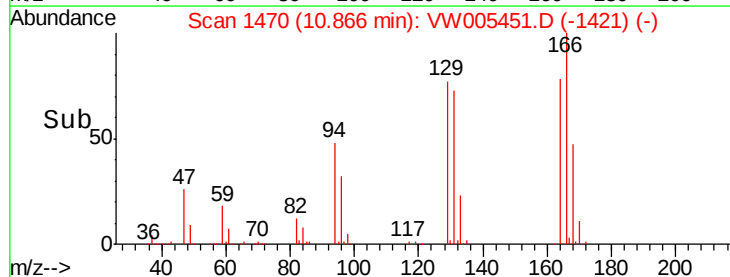
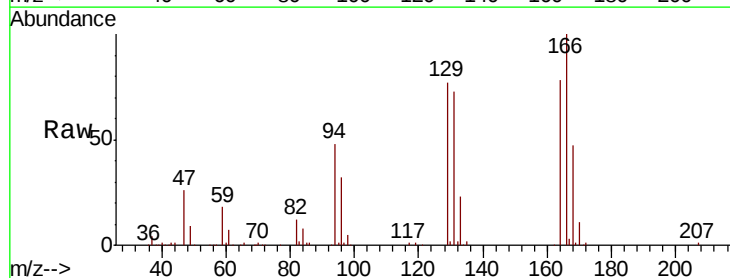
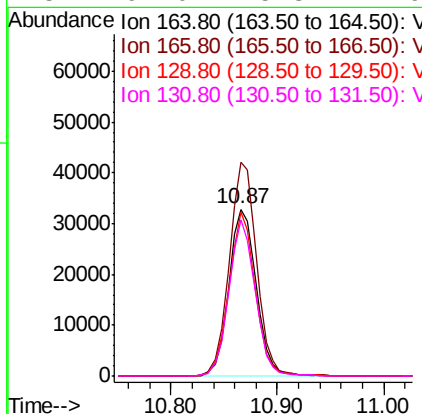
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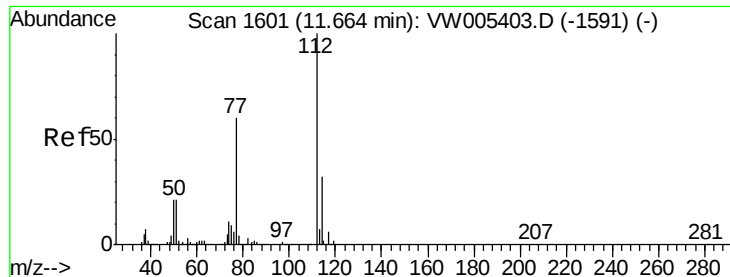
apatel
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#64
Tetrachloroethene
Concen: 21.05 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	104.0	156.0
129	98.3	74.9	112.3
131	94.0	75.3	112.9





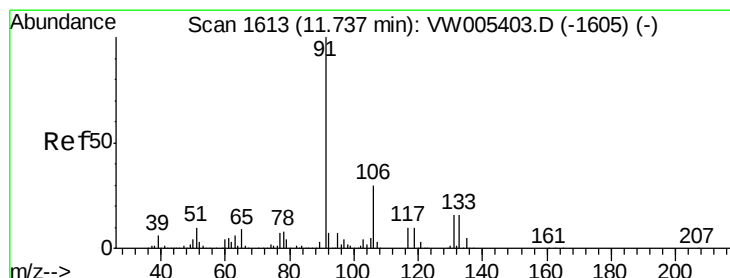
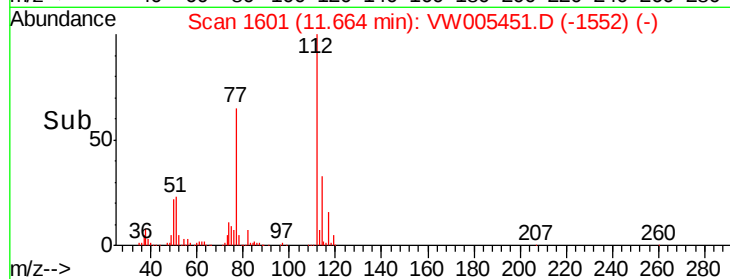
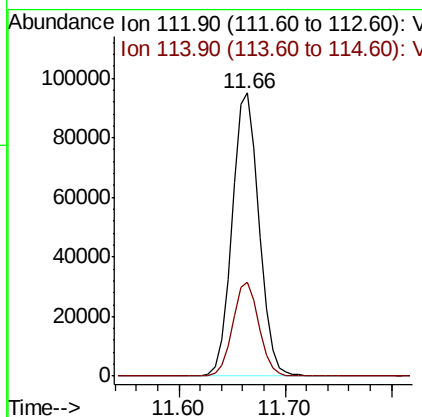
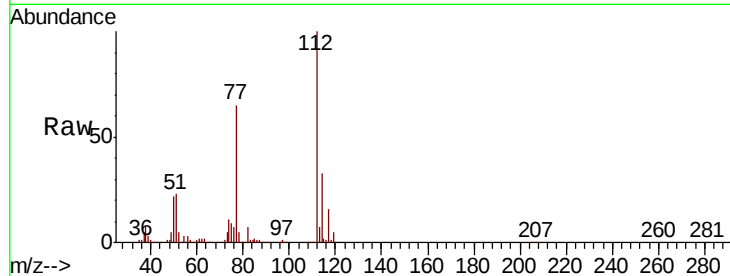
#65
Chlorobenzene
Concen: 20.78 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.3	37.9

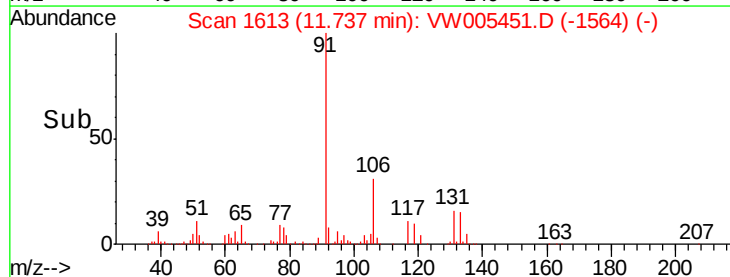
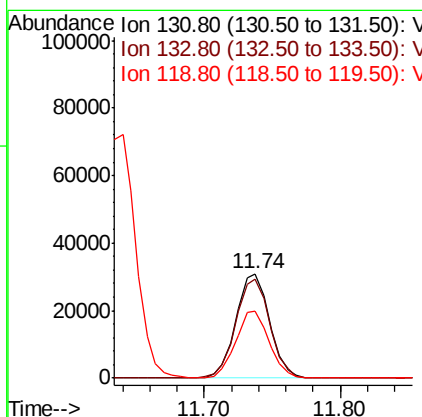
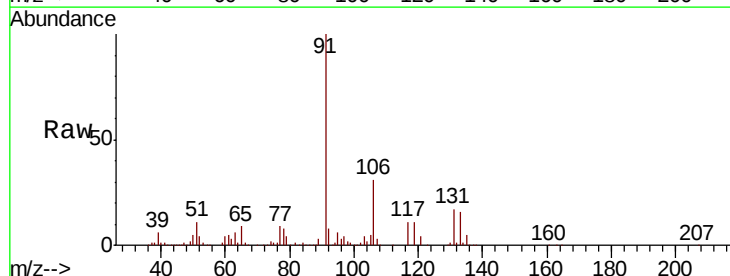
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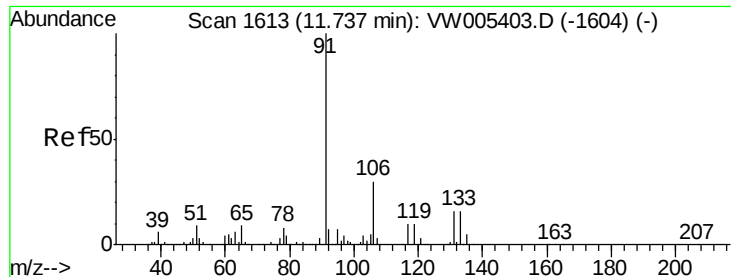
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.57 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	141.9
119	63.9	31.1	93.5





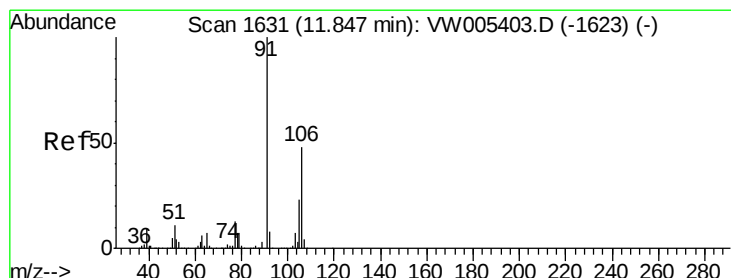
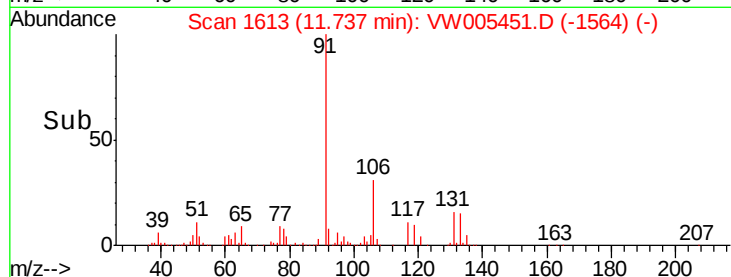
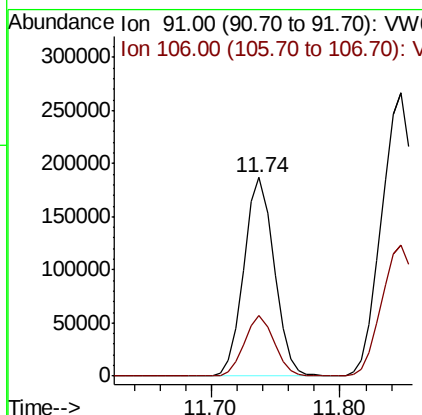
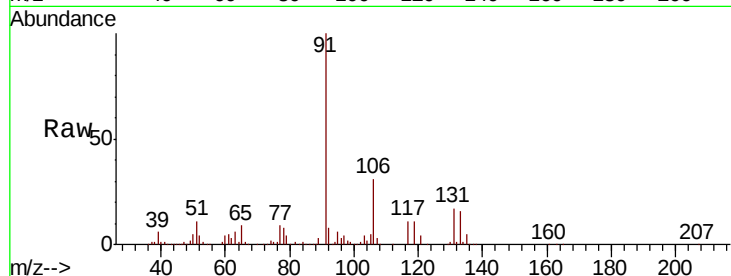
#67
Ethyl Benzene
Concen: 21.37 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion: 91 Resp: 304410
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

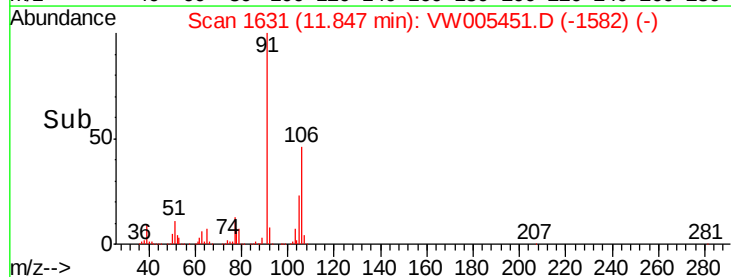
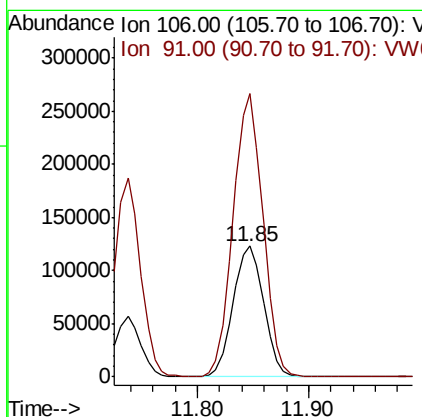
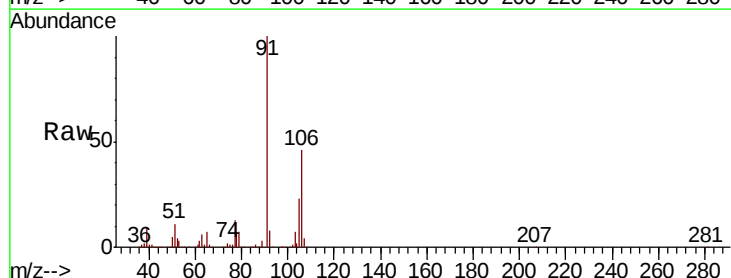
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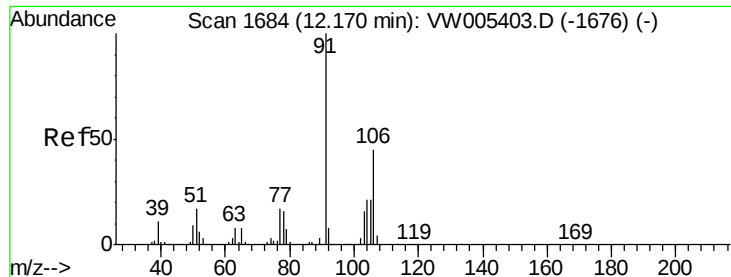
apatel
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#68
m/p-Xylenes
Concen: 42.68 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion: 106 Resp: 234053
Ion Ratio Lower Upper
106 100
91 211.2 167.9 251.9





#69

o-Xylene

Concen: 21.39 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion:106 Resp: 109201

Ion Ratio Lower Upper

106 100

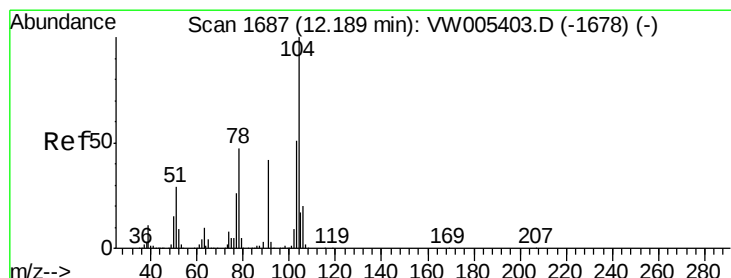
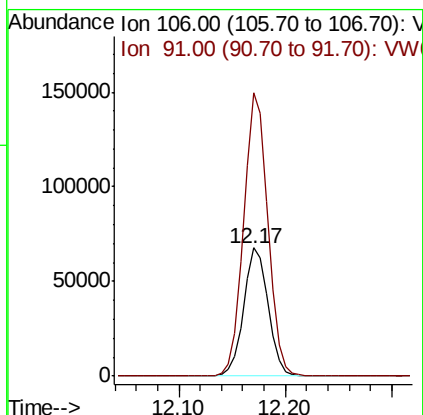
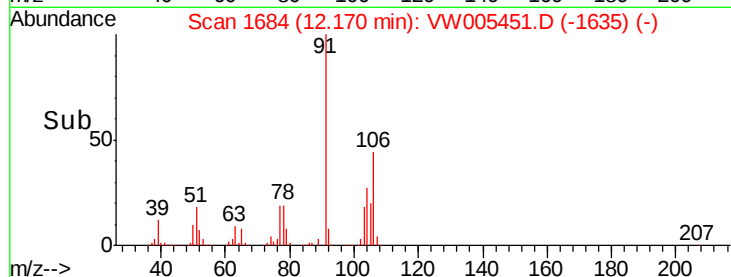
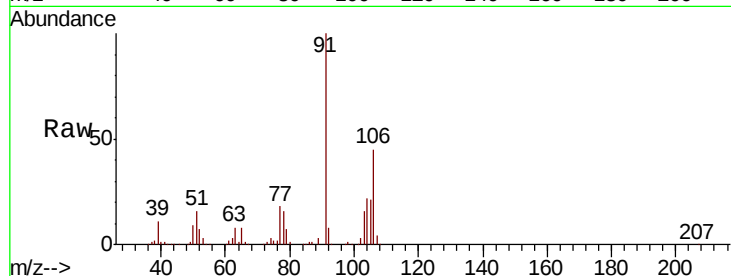
91 218.8 110.6 331.6

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#70

Styrene

Concen: 21.58 ug/l

RT: 12.19 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

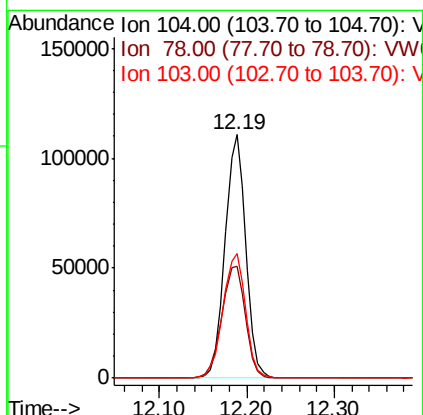
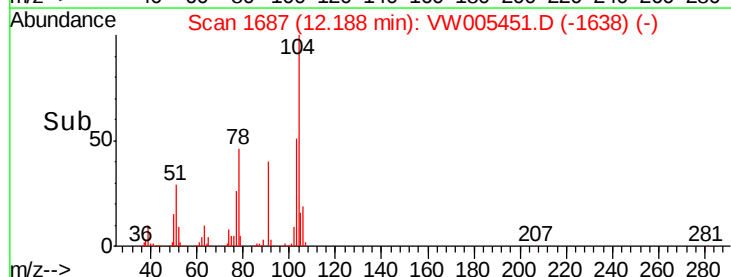
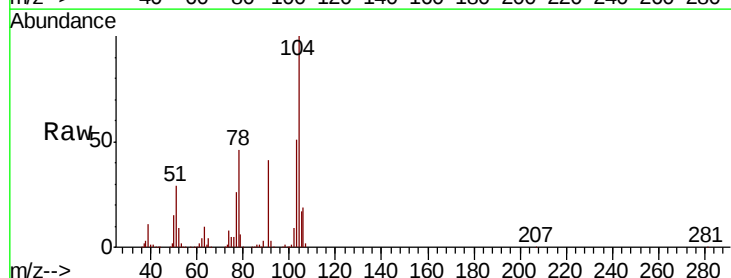
Tgt Ion:104 Resp: 181830

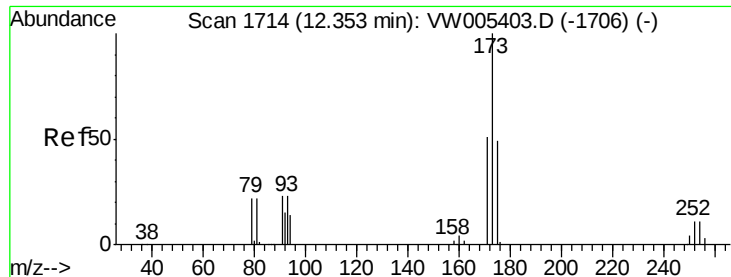
Ion Ratio Lower Upper

104 100

78 52.3 42.4 63.6

103 55.9 44.8 67.2





#71

Bromoform

Concen: 20.30 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion:173 Resp: 27808

Ion Ratio Lower Upper

173 100

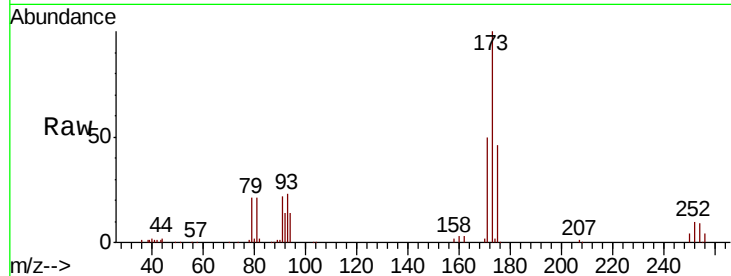
175 46.1 24.2 72.6

254 0.1 0.0 0.0#

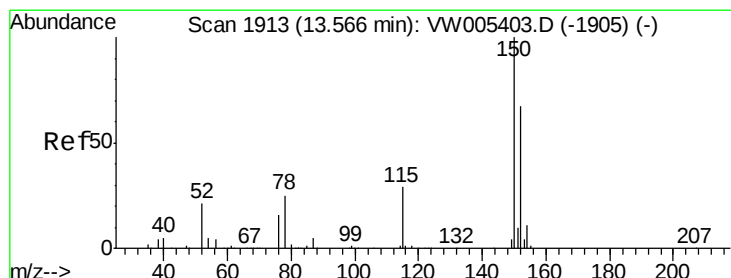
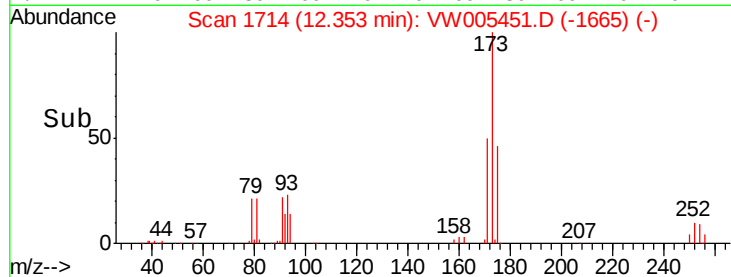
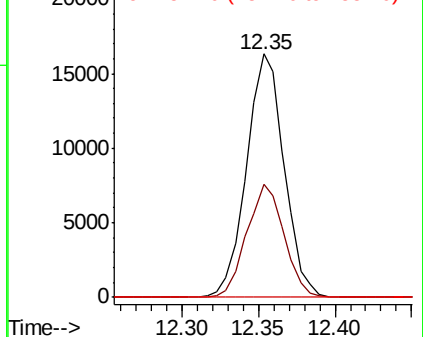
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

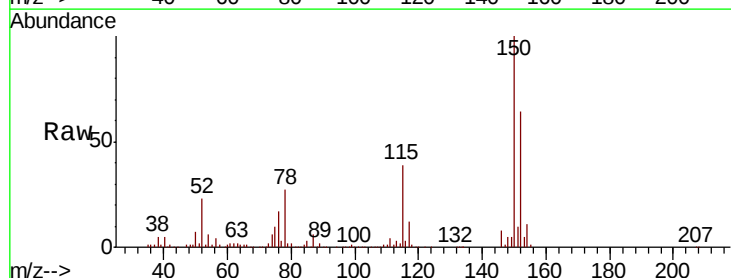
Tgt Ion:152 Resp: 196333

Ion Ratio Lower Upper

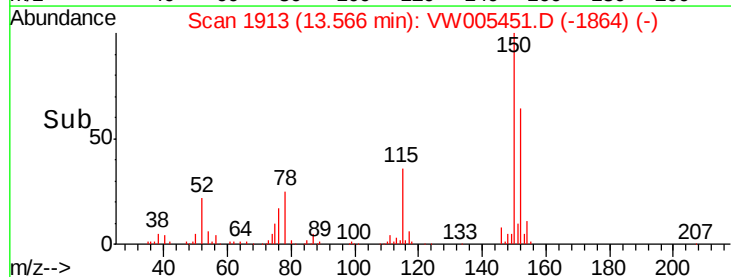
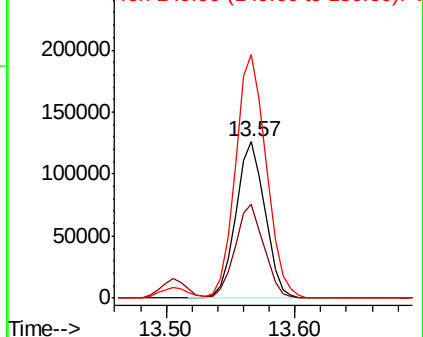
152 100

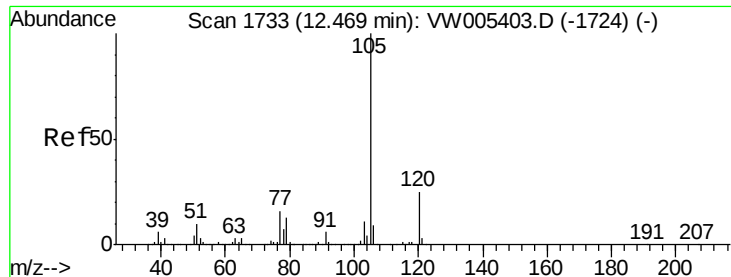
115 59.9 29.5 88.5

150 165.4 0.0 345.6



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: 21.91 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 105 Resp: 301786

Ion Ratio Lower Upper

105 100

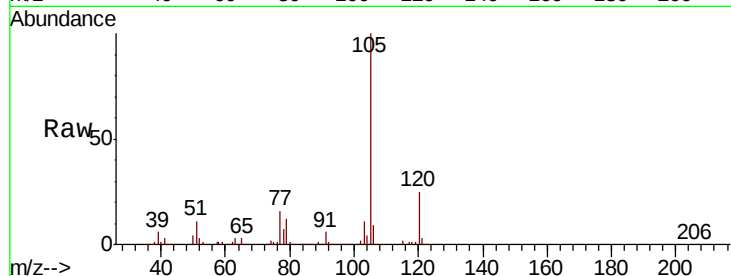
120 25.9 12.9 38.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

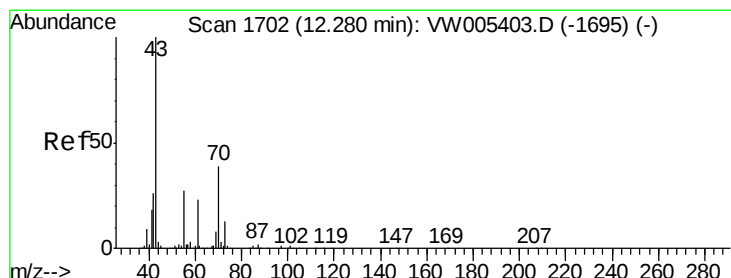
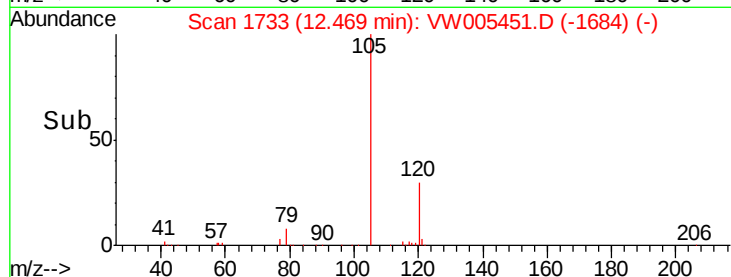
100000

50000

0

12.40 12.47 12.50

Time-->



#74

N-ethyl acetate

Concen: 21.70 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion: 43 Resp: 62977

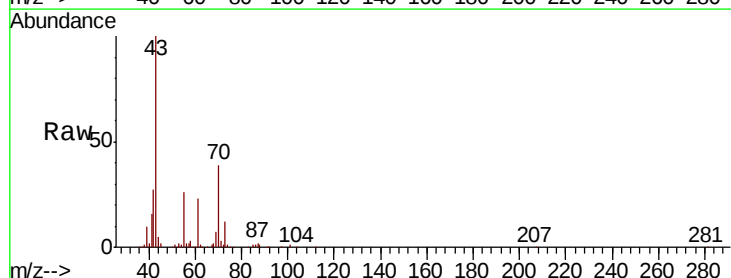
Ion Ratio Lower Upper

43 100

70 38.4 31.9 47.9

55 26.1 21.4 32.0

61 22.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

50000

40000

30000

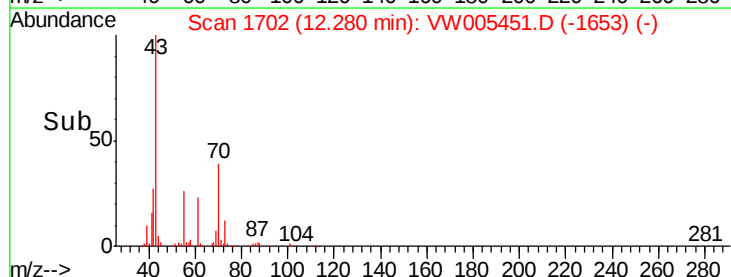
20000

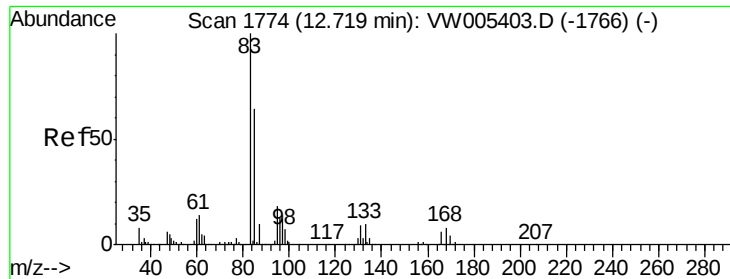
10000

0

12.20 12.28 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.43 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

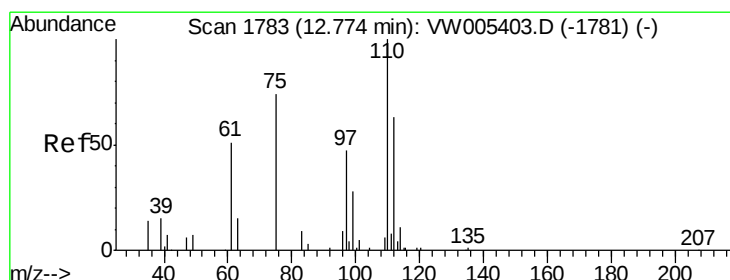
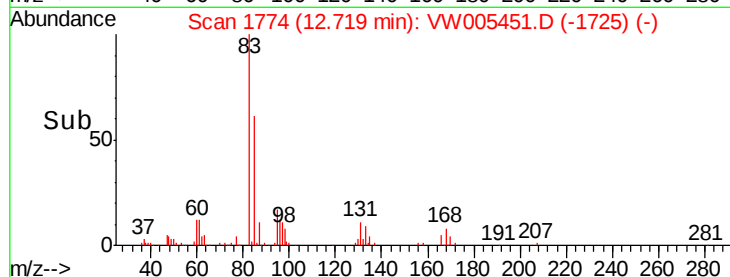
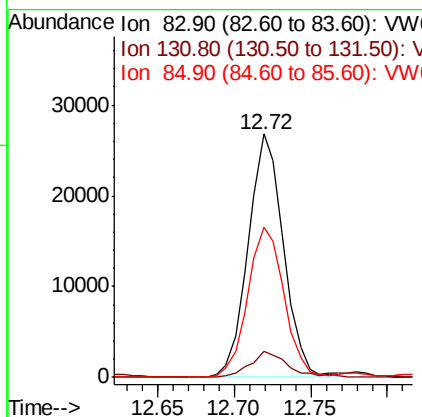
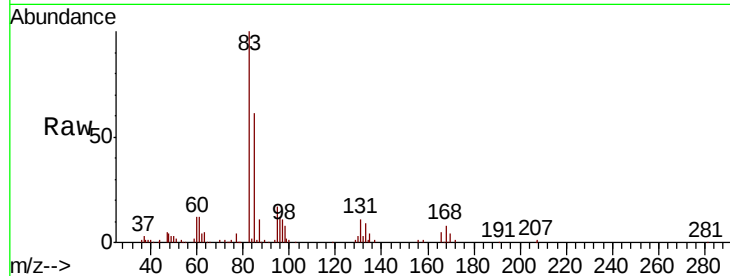
ClientSampleId :

VW0917SBS02

Tot Ion:	83	Resp:	43057
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.1
85	63.5	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 19.06 ug/l m

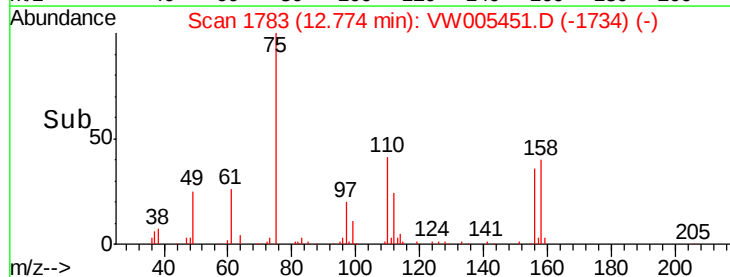
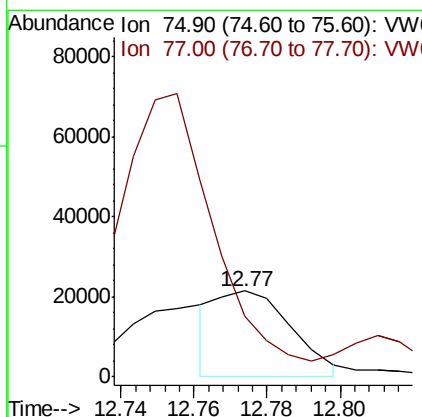
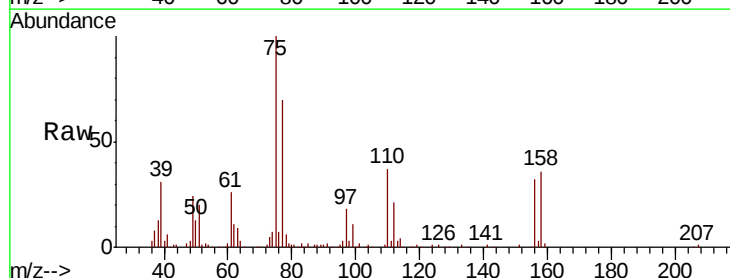
RT: 12.77 min Scan# 1783

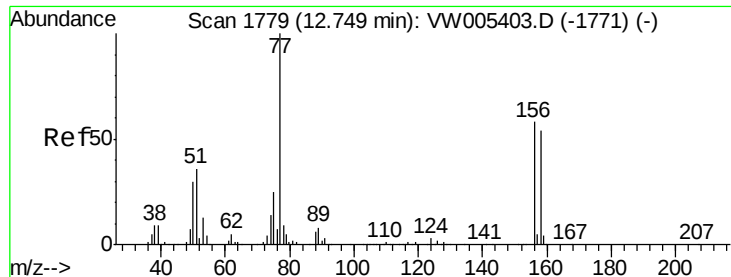
Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion:	75	Resp:	30776
Ion Ratio	Lower	Upper	
75	100		
77	425.7	0.0	0.0#





#77

Bromobenzene

Concen: 21.47 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

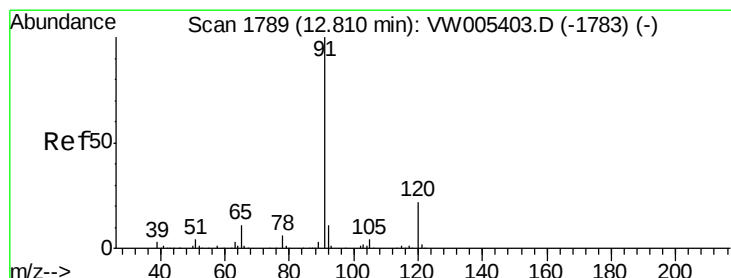
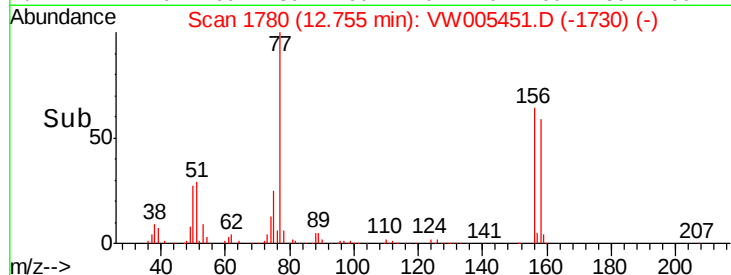
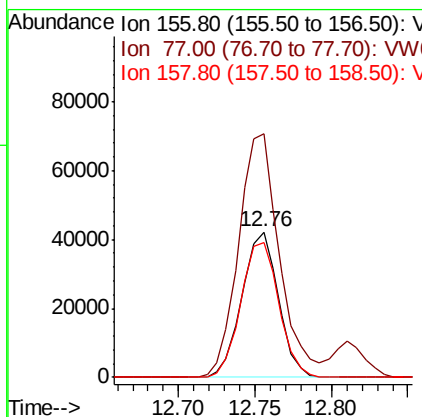
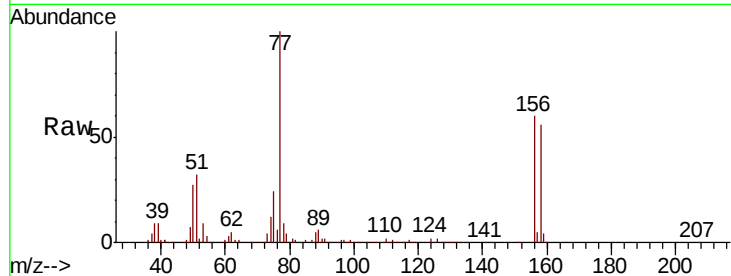
ClientSampleId :

VW0917SBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	187.4	92.8	278.3	
158	97.0	48.2	144.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 22.36 ug/l

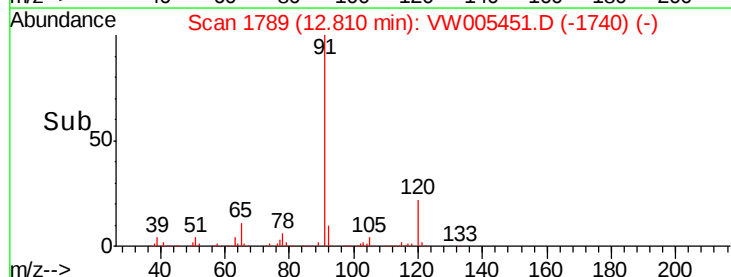
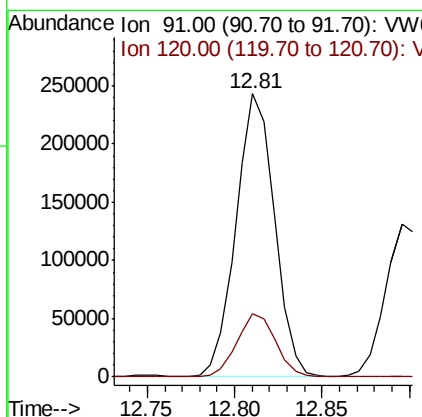
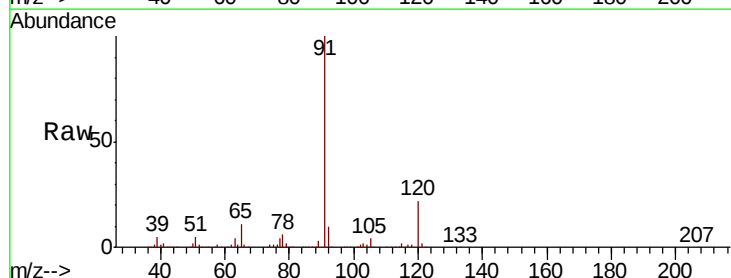
RT: 12.81 min Scan# 1789

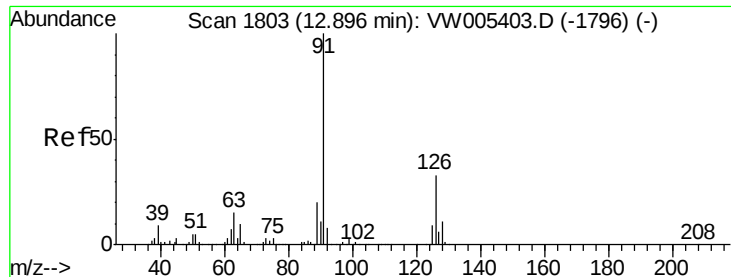
Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.5	11.3	33.8	





#79

2-Chlorotoluene

Concen: 22.01 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 91 Resp: 215877

Ion Ratio Lower Upper

91 100

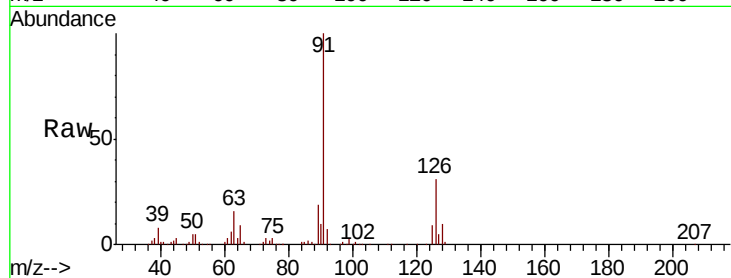
126 32.9 16.4 49.1

Manual Integrations

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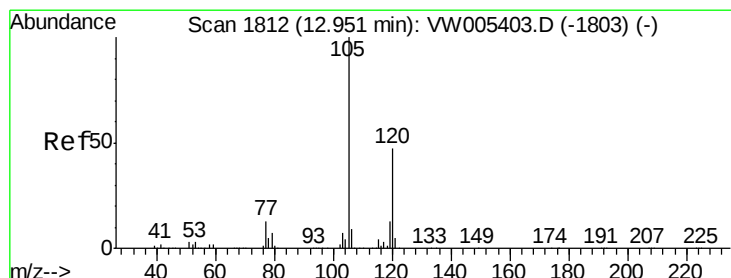
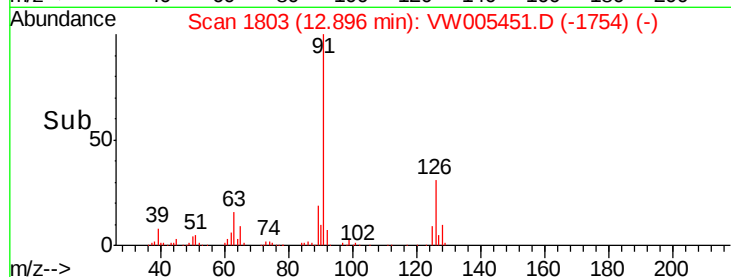
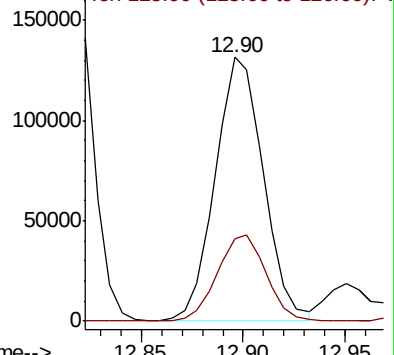
apatel

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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: 22.01 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005451.D

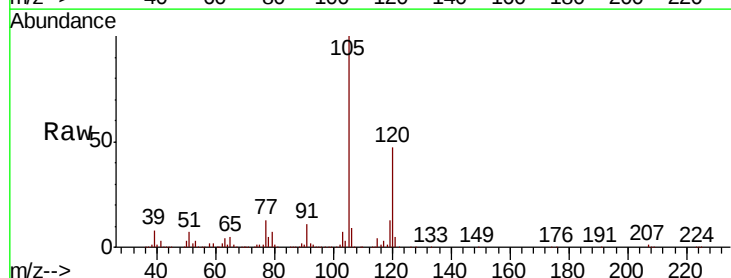
Acq: 18 Sep 2018 01:12

Tgt Ion:105 Resp: 264481

Ion Ratio Lower Upper

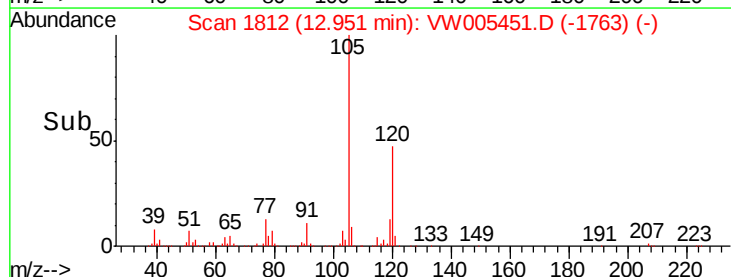
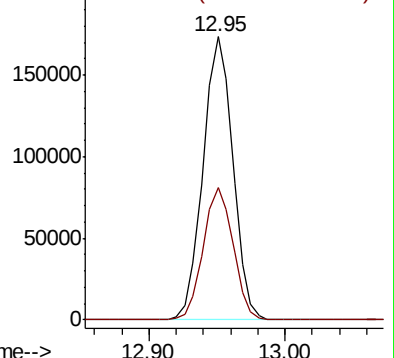
105 100

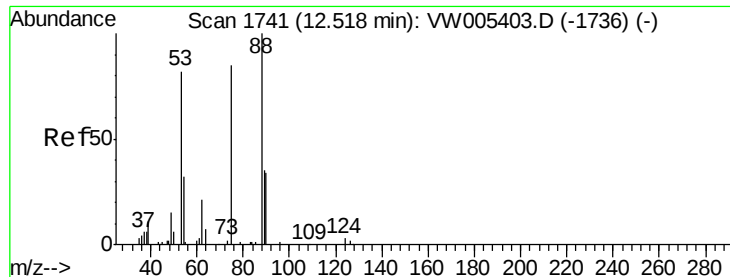
120 47.3 23.5 70.5



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: 20.33 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

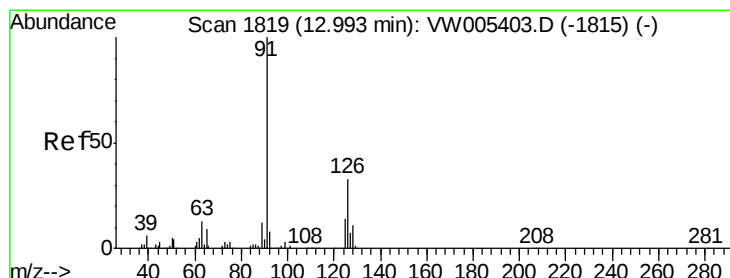
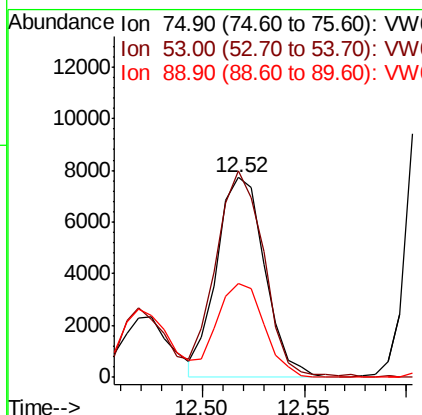
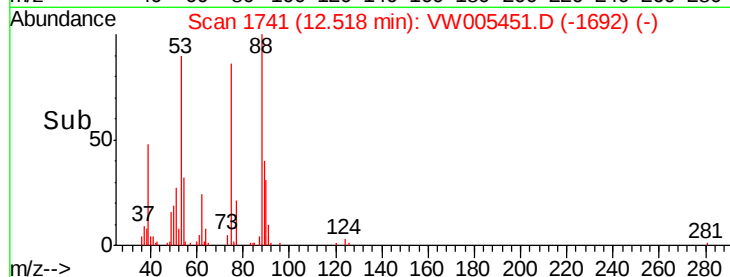
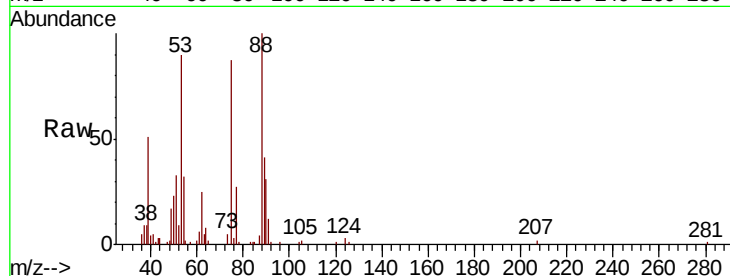
ClientSampleId :

VW0917SBS02

Tot Ion:	75	Resp:	12655
Ion	Ratio	Lower	Upper
75	100		
53	102.9	83.2	124.8
89	46.7	36.6	54.8

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#82

4-Chlorotoluene

Concen: 21.80 ug/l

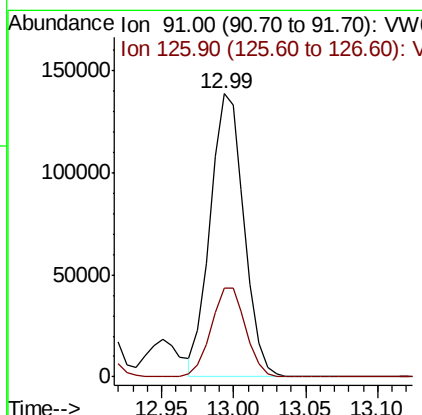
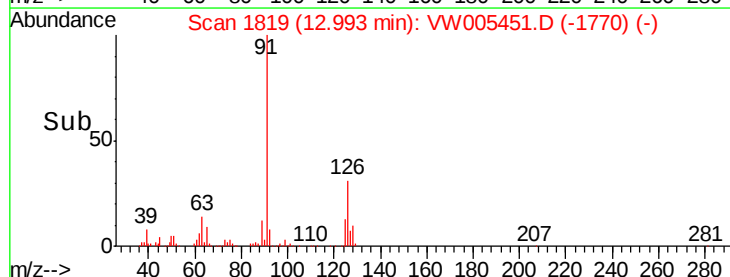
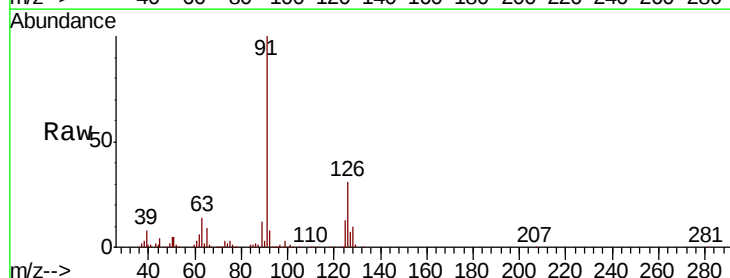
RT: 12.99 min Scan# 1819

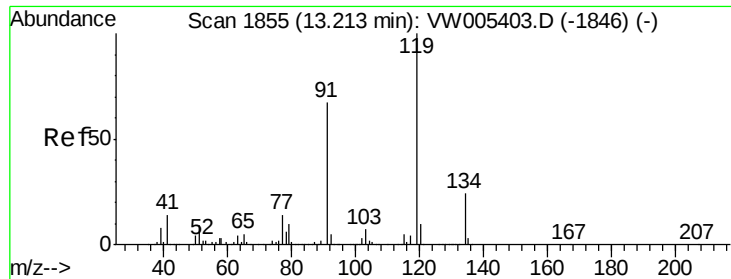
Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion:	91	Resp:	225671
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.1





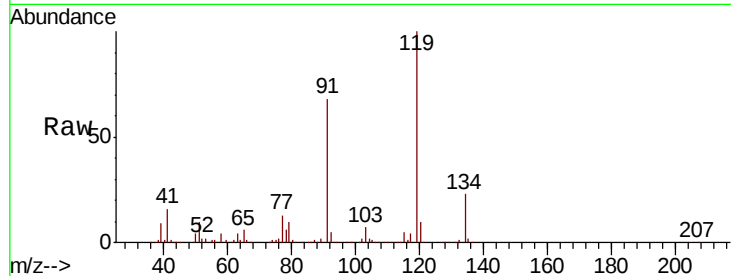
#83
tert-Butylbenzene
Concen: 21.86 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

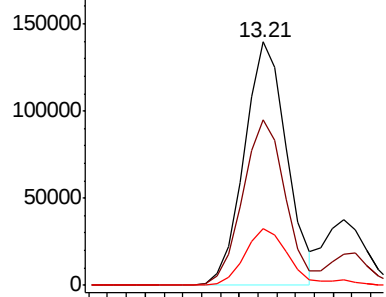
Tot Ion	Ratio	Resp	Lower	Upper
119	100	218173		
91	69.1		34.4	103.2
134	25.2		12.7	38.0

Manual Integrations
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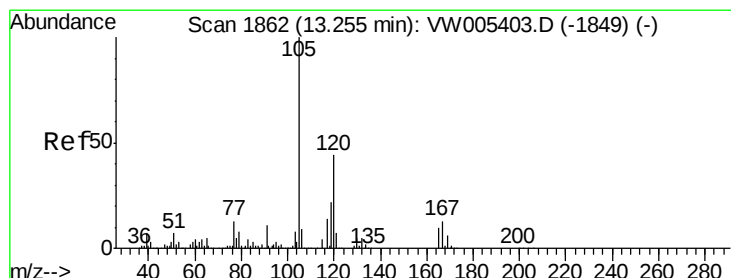
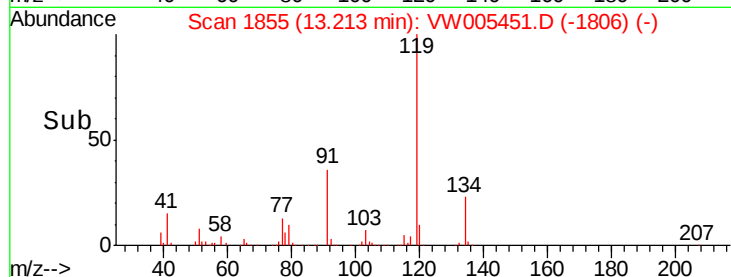
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

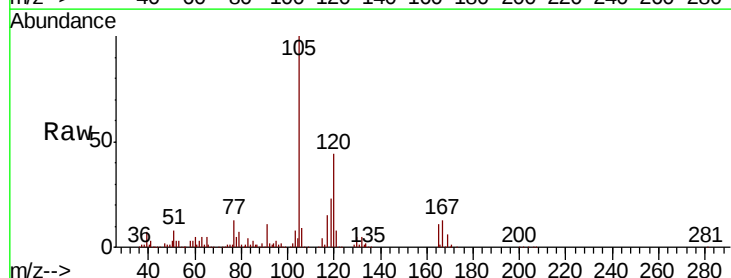


Time-->

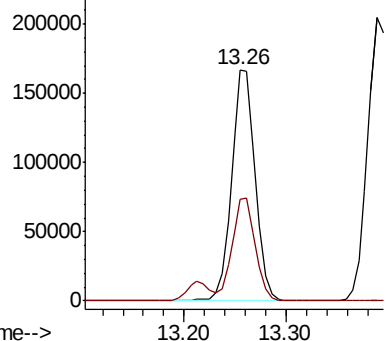


#84
1,2,4-Trimethylbenzene
Concen: 21.93 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

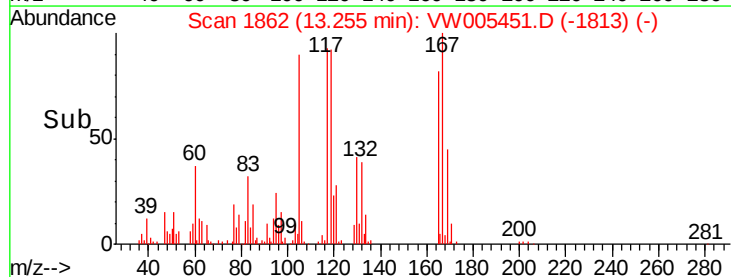
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267535		
120	43.7		21.8	65.3

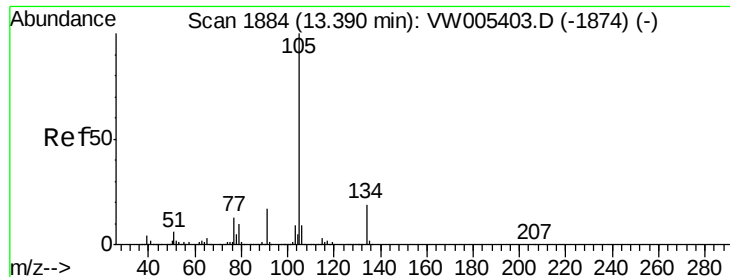


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





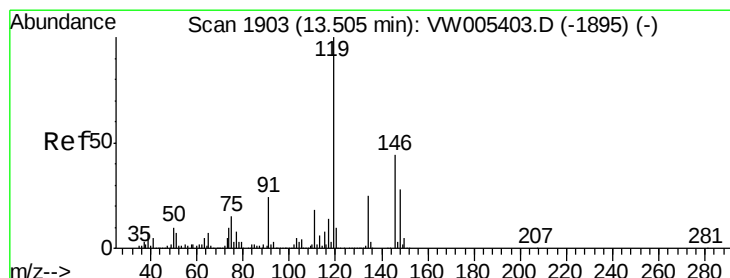
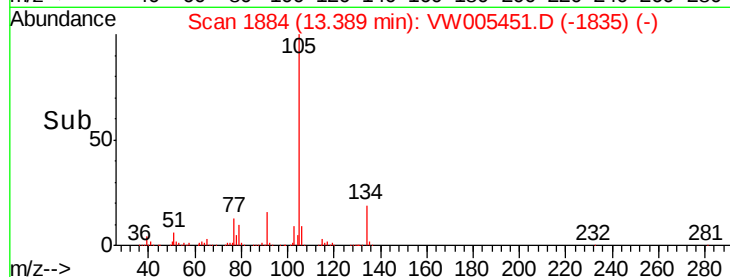
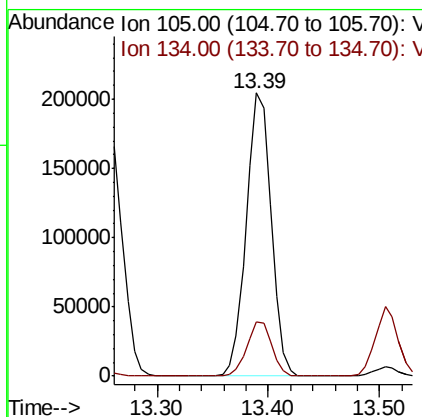
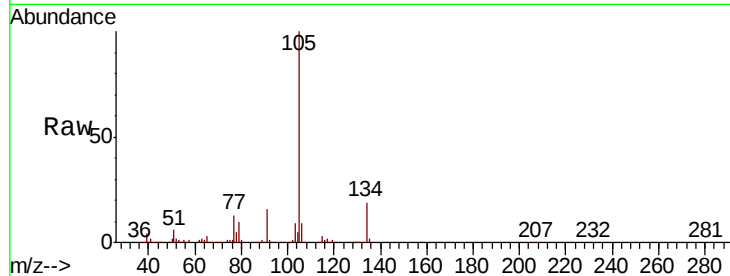
#85
 sec-Butylbenzene
 Concen: 22.15 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	319500		
134	19.2	9.8	29.5	

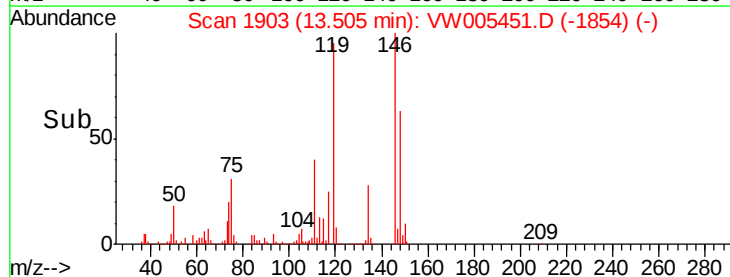
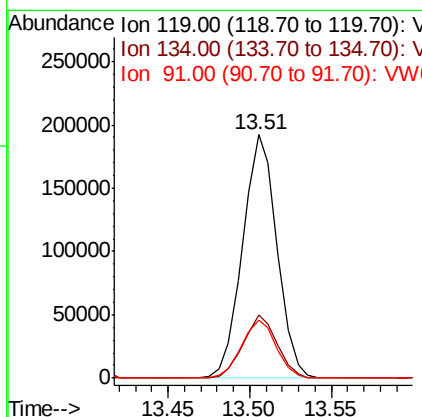
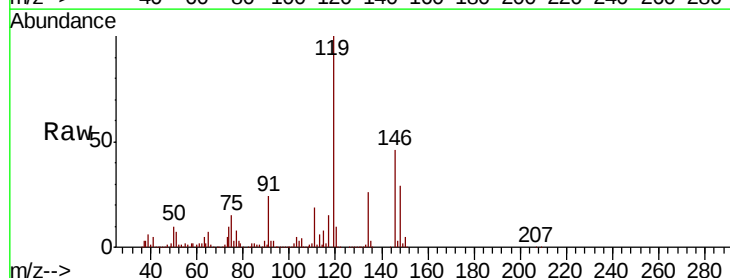
Manual Integrations
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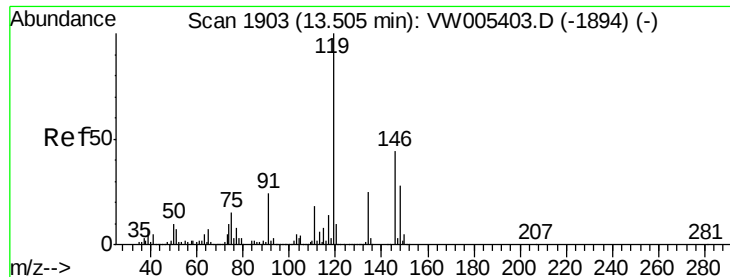
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#86
 p-Isopropyltoluene
 Concen: 21.82 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	281512		
134	25.5	12.6	37.8	
91	23.9	12.0	36.0	





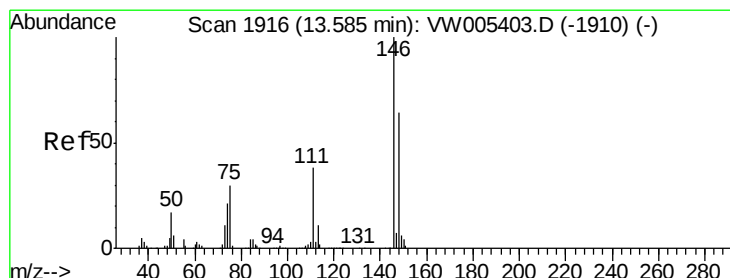
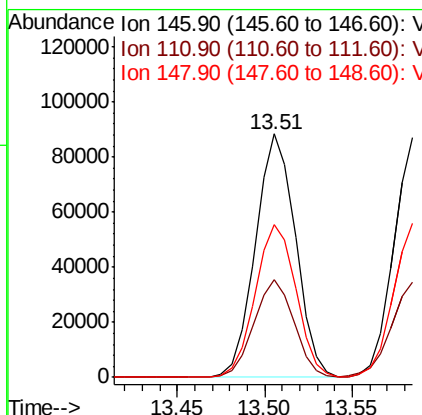
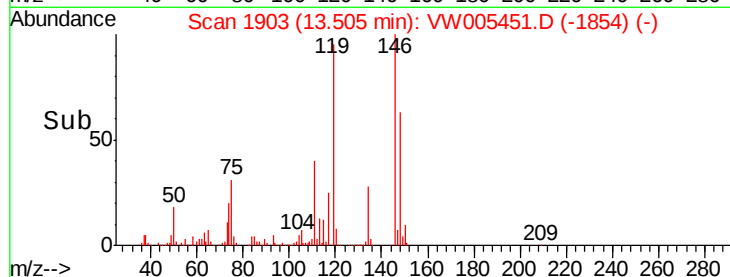
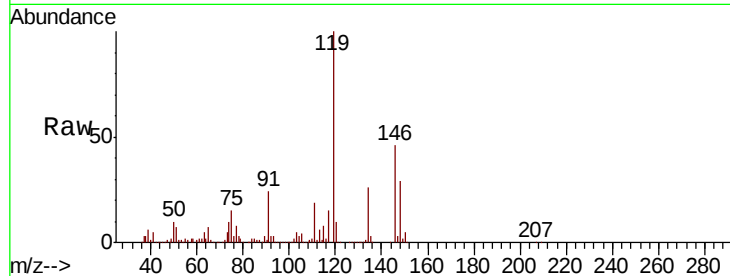
#87
 1,3-Dichlorobenzene
 Concen: 21.31 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	140757		
111	40.3	20.4	61.2	
148	64.0	32.0	96.0	

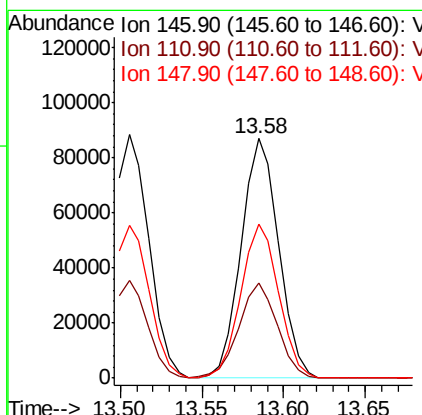
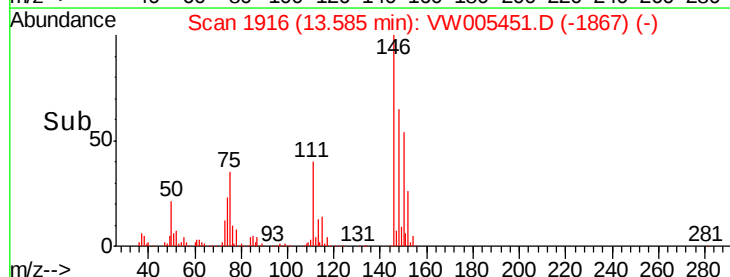
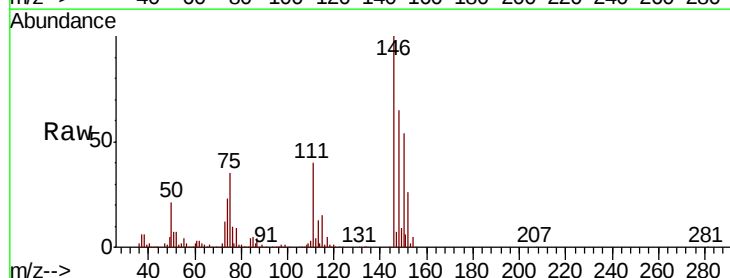
Manual Integrations
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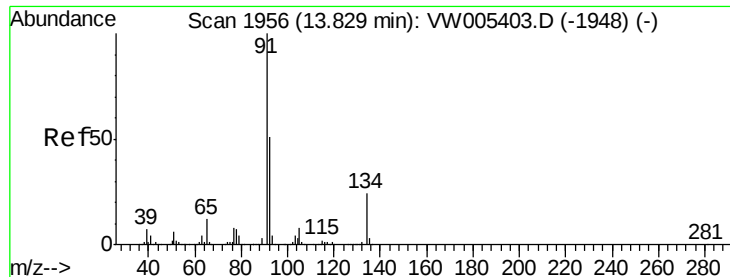
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 21.38 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	139032		
111	40.7	19.6	58.8	
148	65.1	31.8	95.4	





#89

n-Butylbenzene

Concen: 22.01 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Instrument :

MSVOA_W

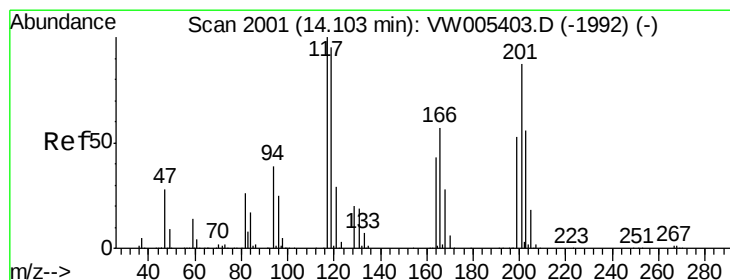
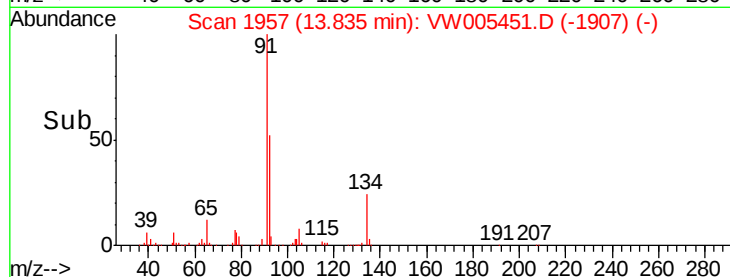
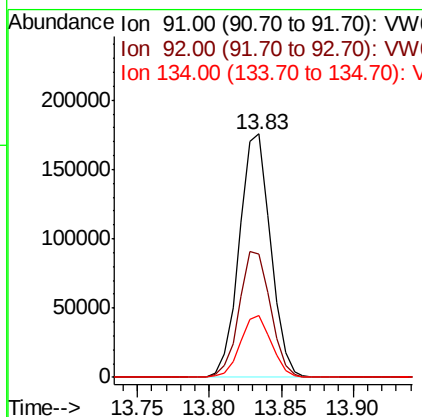
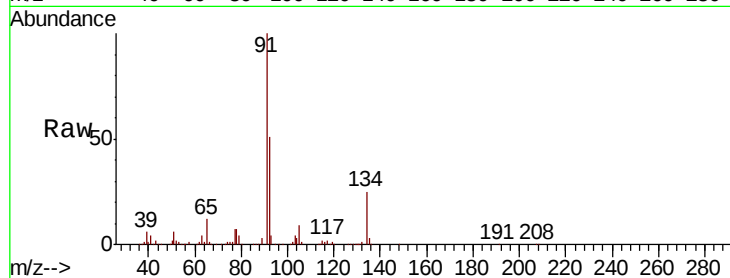
ClientSampleId :

VW0917SBS02

Tot Ion:	91	Resp:	264391
Ion Ratio	Lower	Upper	
91	100		
92	51.8	26.2	78.6
134	25.0	12.7	38.1

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#90

Hexachloroethane

Concen: 20.80 ug/l

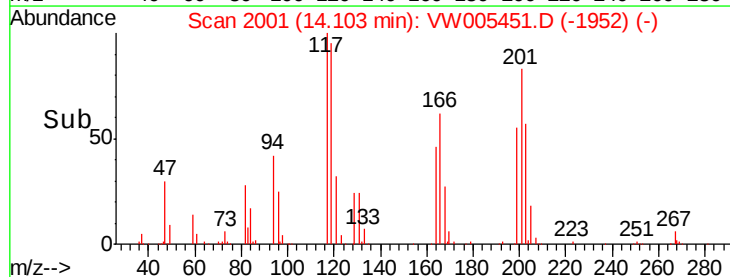
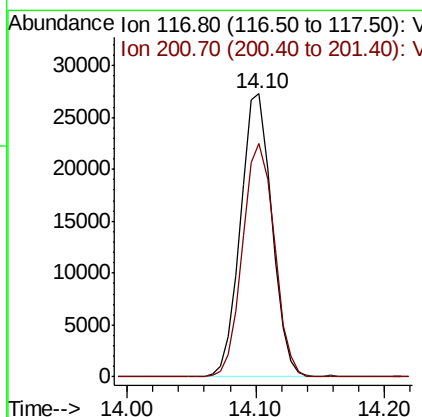
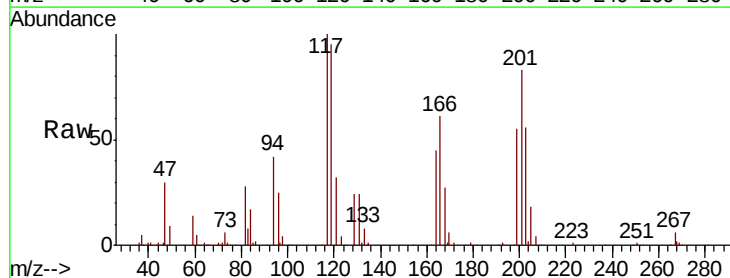
RT: 14.10 min Scan# 2001

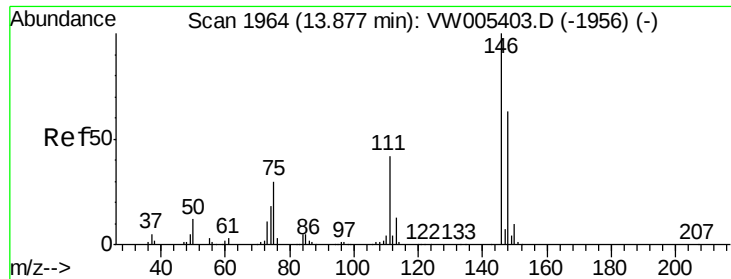
Delta R.T. -0.00 min

Lab File: VW005451.D

Acq: 18 Sep 2018 01:12

Tgt Ion:	117	Resp:	45982
Ion Ratio	Lower	Upper	
117	100		
201	83.5	42.5	127.5





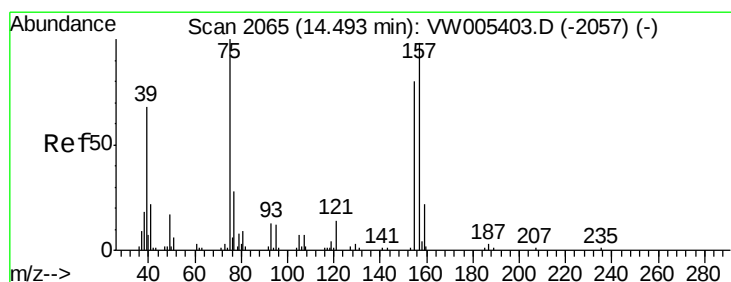
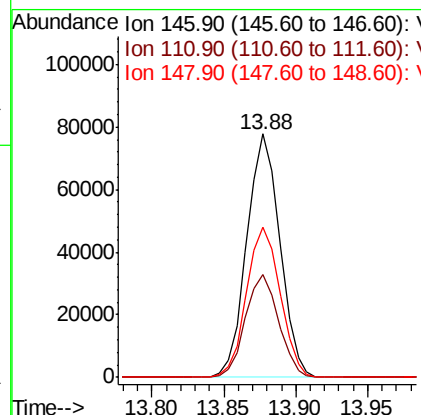
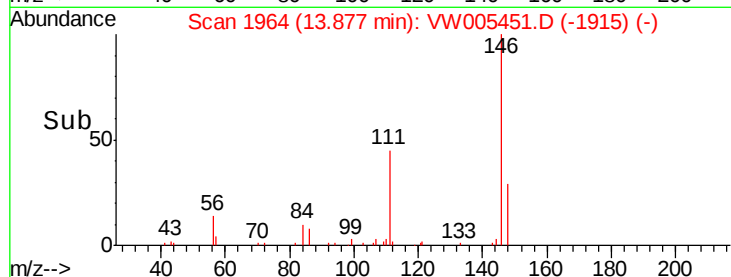
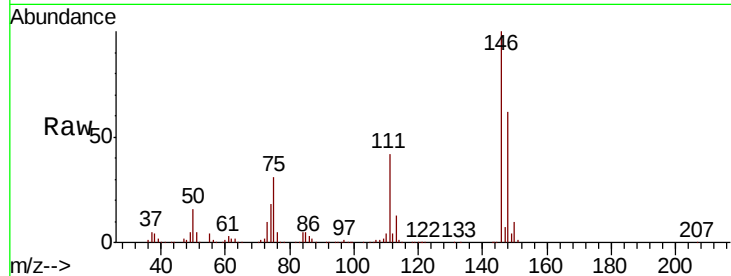
#91
 1,2-Dichlorobenzene
 Concen: 21.45 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.0	63.0
148	62.8	31.9	95.9

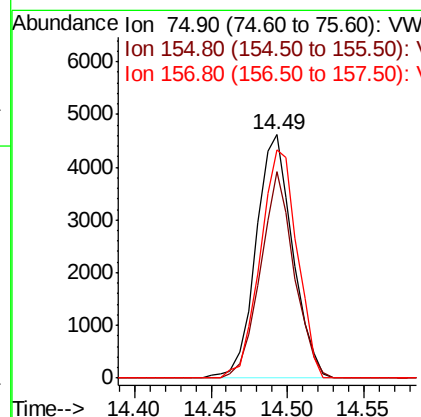
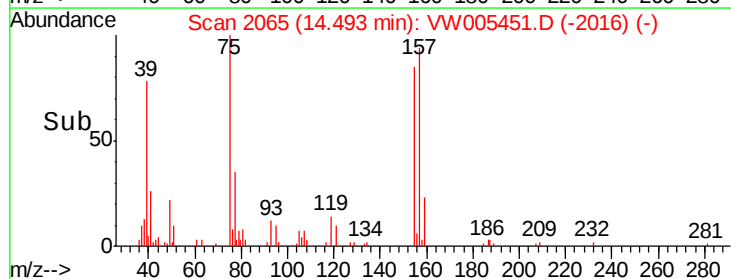
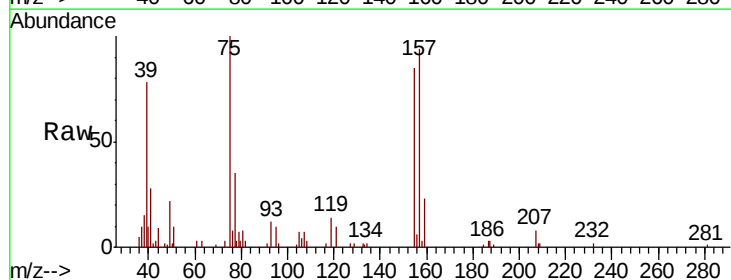
Manual Integrations
 APPROVED

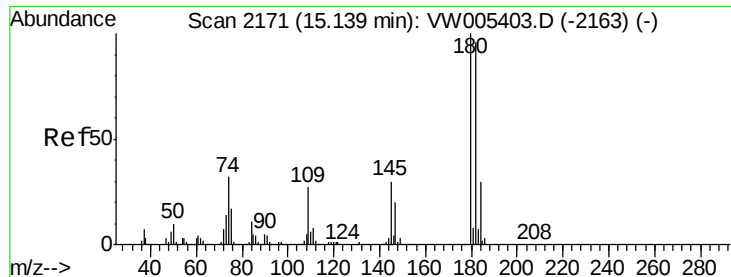
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.96 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	39.0	117.0
157	94.7	49.9	149.6





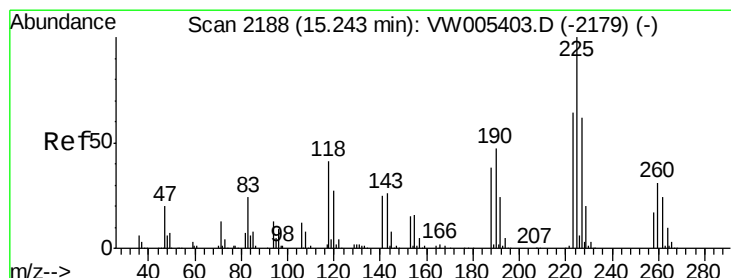
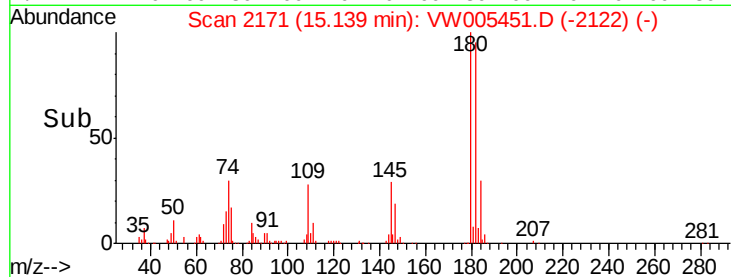
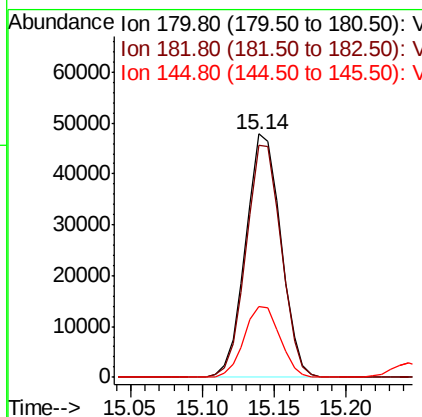
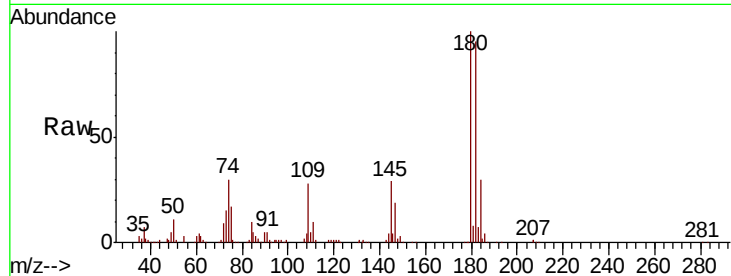
#93
 1,2,4-Trichlorobenzene
 Concen: 21.02 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	80951		
182	94.9	47.3	141.9	
145	29.7	14.8	44.3	

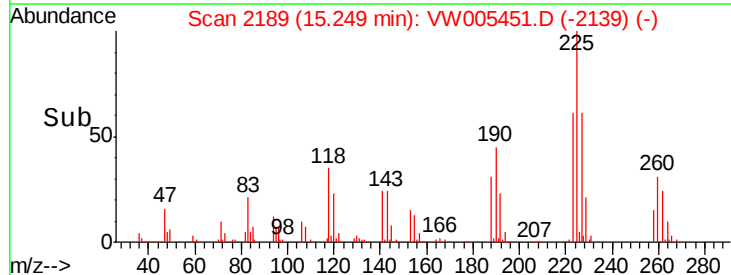
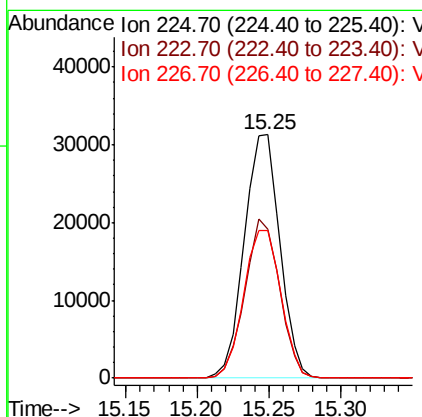
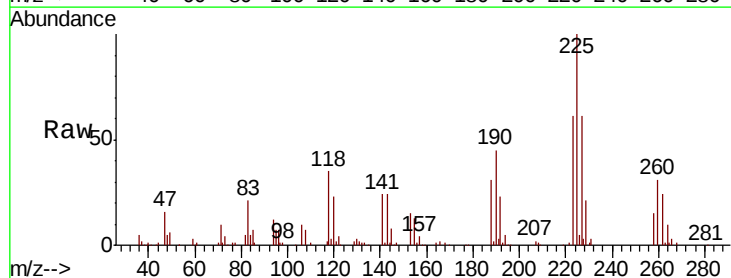
Manual Integrations
 APPROVED

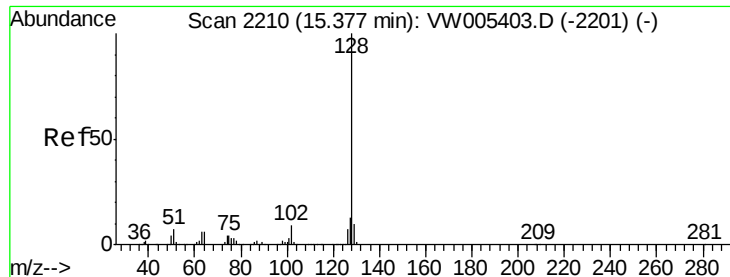
apatel
 9/18/2018 2:43:43 PM



#94
 Hexachlorobutadiene
 Concen: 21.30 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005451.D
 Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53567		
223	63.5	31.2	93.6	
227	63.5	31.6	95.0	





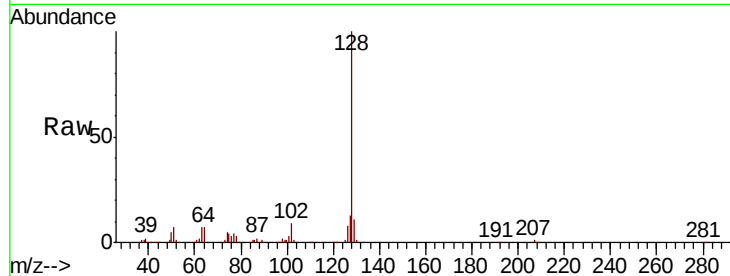
#95
Naphthalene
Concen: 20.08 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	128852		
127	13.7		11.0	16.4
129	10.8		8.7	13.1

Manual Integrations
APPROVED

apatel
9/18/2018 2:43:43 PM

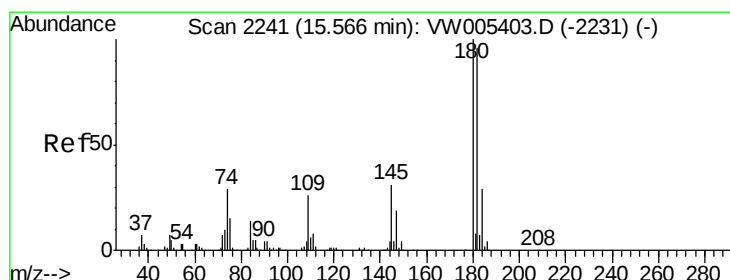
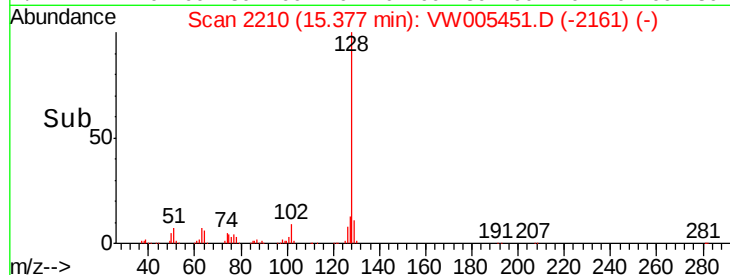
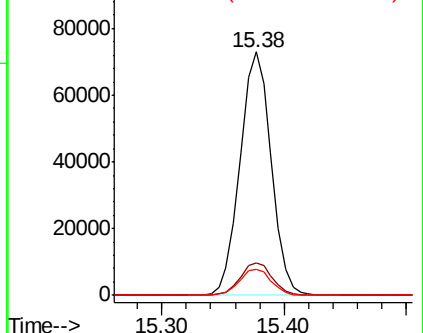


Abundance

Ion 128.00 (127.70 to 128.70): V

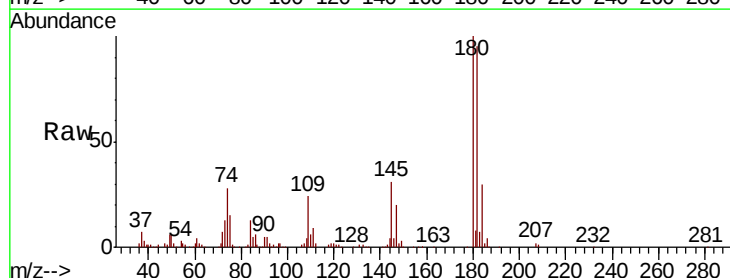
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.75 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005451.D
Acq: 18 Sep 2018 01:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69746		
182	96.0		48.1	144.4
145	31.8		15.9	47.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

