

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004503.D
 Acq On : 07 Aug 2018 20:20
 Operator : SY/AP
 Sample : VW0808SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Manual Integrations
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 8/8/2018 2:24:32 PM

Quant Time: Aug 08 08:46:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	734755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1153522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1099230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	590583	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	392417	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.88	113	372936	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	10.33	98	1464738	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	530057	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	103417	20.51	ug/l	99
3) Chloromethane	2.21	50	127268	18.12	ug/l	100
4) Vinyl Chloride	2.37	62	201824	20.57	ug/l	96
5) Bromomethane	2.78	94	118125	20.67	ug/l	97
6) Chloroethane	2.93	64	120405	20.53	ug/l	98
7) Trichlorofluoromethane	3.25	101	73582	20.30	ug/l	98
8) Diethyl Ether	3.67	74	91993	20.06	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	164049	20.49	ug/l	99
10) Methyl Iodide	4.27	142	240185	20.00	ug/l	99
11) Tert butyl alcohol	5.25	59	37956	79.70	ug/l	97
12) 1,1-Dichloroethene	4.03	96	157000	19.49	ug/l	94
13) Acrolein	3.90	56	58036	99.46	ug/l	98
14) Allyl chloride	4.66	41	242481	20.03	ug/l	99
15) Acrylonitrile	5.38	53	193264	94.85	ug/l #	82
16) Acetone	4.14	43	196008	96.50	ug/l	98
17) Carbon Disulfide	4.38	76	521131	20.13	ug/l	99
18) Methyl Acetate	4.67	43	92154	18.19	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	209629	19.07	ug/l	99
20) Methylene Chloride	4.91	84	269398	22.24	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	171177	19.71	ug/l	96
22) Diisopropyl ether	6.31	45	512169	20.59	ug/l	97
23) Vinyl Acetate	6.26	43	1432708	95.82	ug/l	100
24) 1,1-Dichloroethane	6.21	63	319652	20.07	ug/l	100
25) 2-Butanone	7.19	43	296229	90.66	ug/l	99
26) 2,2-Dichloropropane	7.17	77	161505	19.32	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	182960	19.58	ug/l	99
28) Bromochloromethane	7.51	49	139298	20.11	ug/l	100
29) Tetrahydrofuran	7.54	42	152898	90.52	ug/l	99
30) Chloroform	7.68	83	314522	20.11	ug/l	99
31) Cyclohexane	7.95	56	297199	19.51	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	232947	19.83	ug/l	98
36) 1,1-Dichloropropene	8.08	75	248144	19.98	ug/l	100
37) Ethyl Acetate	7.26	43	105936	18.21	ug/l	98
38) Carbon Tetrachloride	8.07	117	220953	19.77	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	288605	18.96	ug/l	95
40) Benzene	8.32	78	724463	19.86	ug/l	100
41) Methacrylonitrile	7.49	41	63579	19.57	ug/l	95
42) 1,2-Dichloroethane	8.40	62	199128	19.73	ug/l	100
43) Isopropyl Acetate	8.43	43	188181	18.56	ug/l	100
44) Trichloroethene	9.09	130	175685	19.60	ug/l	97
45) 1,2-Dichloropropane	9.37	63	182961	20.03	ug/l	100
46) Dibromomethane	9.46	93	90481	19.46	ug/l	98
47) Bromodichloromethane	9.65	83	215924	19.67	ug/l	98
48) Methyl methacrylate	9.44	41	90145	19.02	ug/l	98
49) 1,4-Dioxane	9.48	88	26936	379.70	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	666979	94.50	ug/l	99
52) Toluene	10.39	92	437707	20.35	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	208370	18.91	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	249589	19.43	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	129455	19.42	ug/l	99
56) Ethyl methacrylate	10.65	69	147253	18.45	ug/l	99
57) 1,3-Dichloropropane	10.94	76	225976	19.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	373117	93.85	ug/l	99
59) 2-Hexanone	10.98	43	445511	93.10	ug/l	98
60) Dibromochloromethane	11.13	129	141358	19.50	ug/l	100
61) 1,2-Dibromoethane	11.24	107	122938	19.63	ug/l	99
64) Tetrachloroethene	10.87	164	151823	19.80	ug/l	98
65) Chlorobenzene	11.66	112	477687	19.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	160448	19.45	ug/l	99
67) Ethyl Benzene	11.74	91	804239	19.58	ug/l	99
68) m/p-Xylenes	11.84	106	635538	40.04	ug/l	99
69) o-Xylene	12.17	106	285364	19.39	ug/l	98
70) Styrene	12.19	104	495723	19.93	ug/l	100
71) Bromoform	12.35	173	85785	18.92	ug/l #	99
73) Isopropylbenzene	12.47	105	789136	19.32	ug/l	100
74) N-amyl acetate	12.28	43	180368	18.21	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	163557	19.18	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	111803m	18.29	ug/l	
77) Bromobenzene	12.76	156	194184	19.65	ug/l	99
78) n-propylbenzene	12.81	91	1000553	19.85	ug/l	100
79) 2-Chlorotoluene	12.90	91	578805	19.84	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	693247	19.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	44829	17.56	ug/l	94
82) 4-Chlorotoluene	12.99	91	623434	20.14	ug/l	99
83) tert-Butylbenzene	13.21	119	563703	19.29	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	726229	20.13	ug/l	99
85) sec-Butylbenzene	13.39	105	866630	19.65	ug/l	100
86) p-Isopropyltoluene	13.51	119	756380	19.80	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	399531	19.62	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	397613	19.61	ug/l	99
89) n-Butylbenzene	13.83	91	727378	19.37	ug/l	99
90) Hexachloroethane	14.10	117	133582	18.90	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	363498	19.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24246	17.40	ug/l	97

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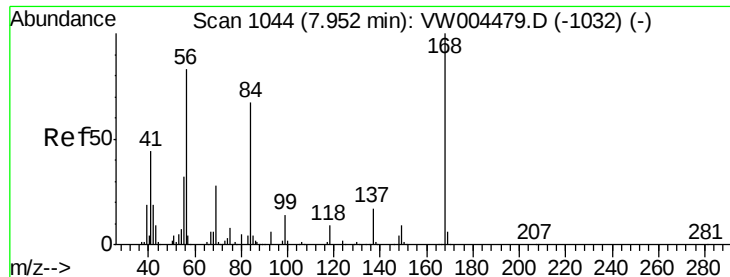
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QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	246449	19.27	ug/l	100
94) Hexachlorobutadiene	15.24	225	145248	19.50	ug/l	99
95) Naphthalene	15.38	128	437127	18.51	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	222181	19.33	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion:168 Resp: 734755

Ion Ratio Lower Upper

168 100

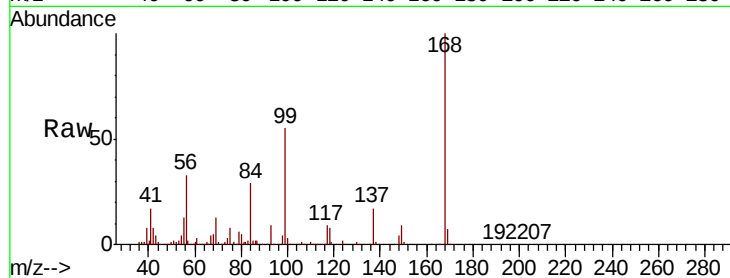
99 54.6 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

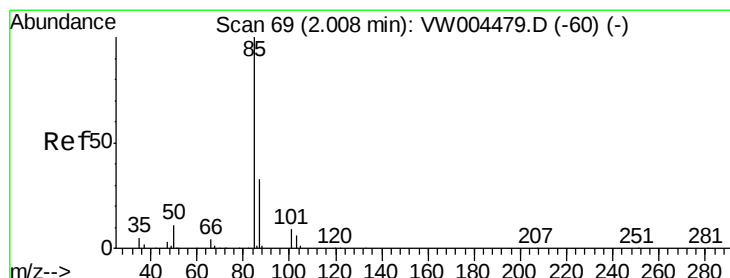
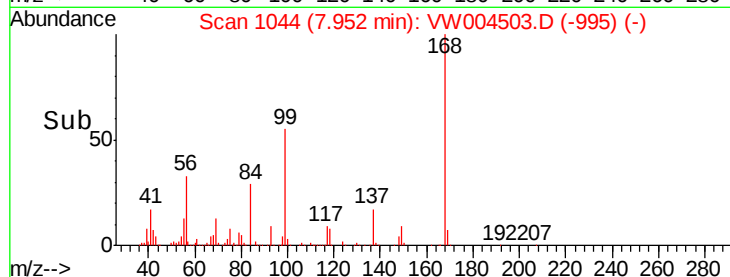
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.51 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004503.D

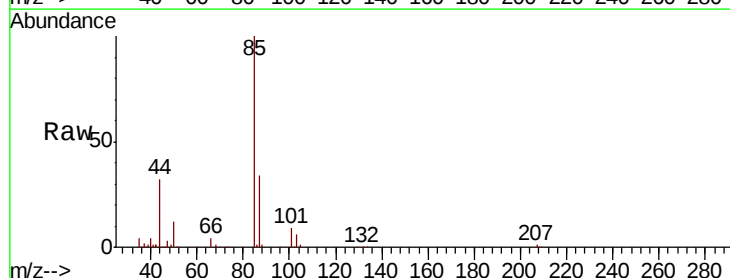
Acq: 07 Aug 2018 20:20

Tgt Ion: 85 Resp: 103417

Ion Ratio Lower Upper

85 100

87 33.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

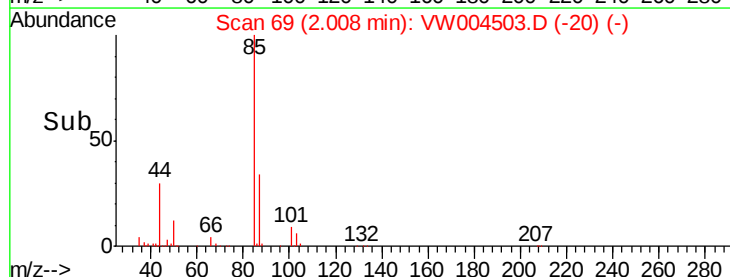
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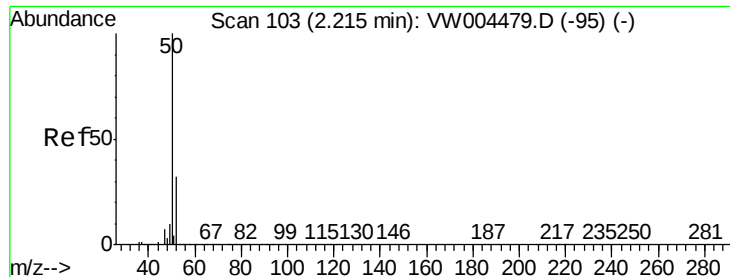
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 18.12 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 50 Resp: 127268

Ion Ratio Lower Upper

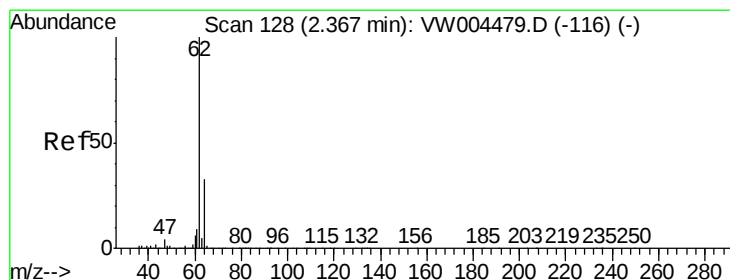
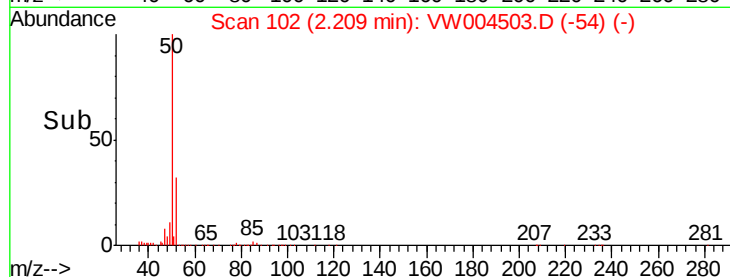
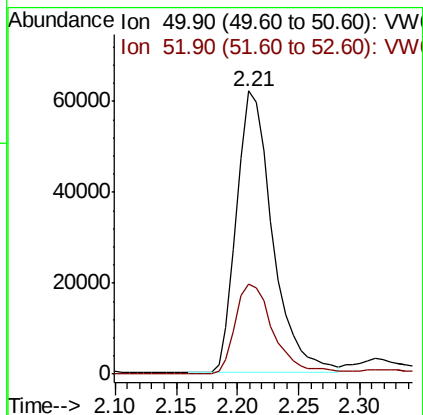
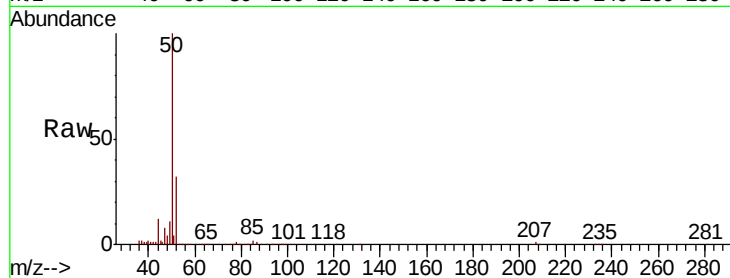
50 100

52 32.1 25.8 38.8

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#4

Vinyl Chloride

Concen: 20.57 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004503.D

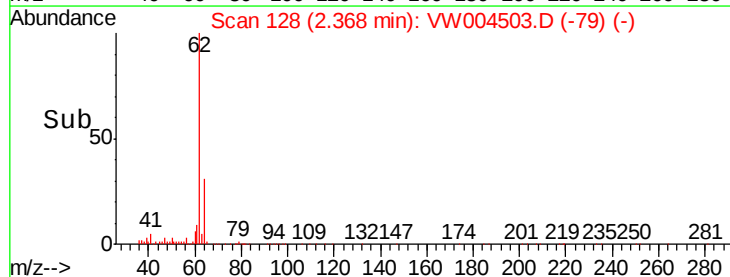
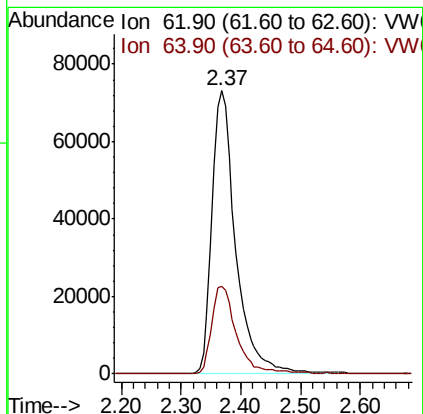
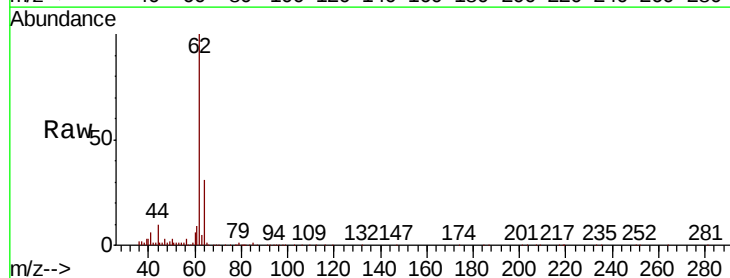
Acq: 07 Aug 2018 20:20

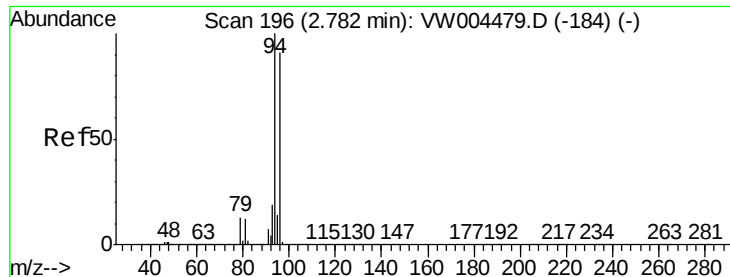
Tgt Ion: 62 Resp: 201824

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.2





#5

Bromomethane

Concen: 20.67 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 94 Resp: 118125

Ion Ratio Lower Upper

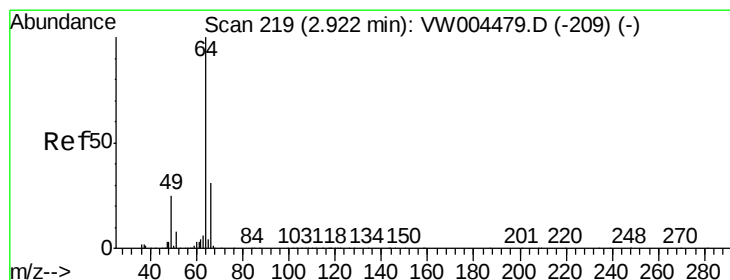
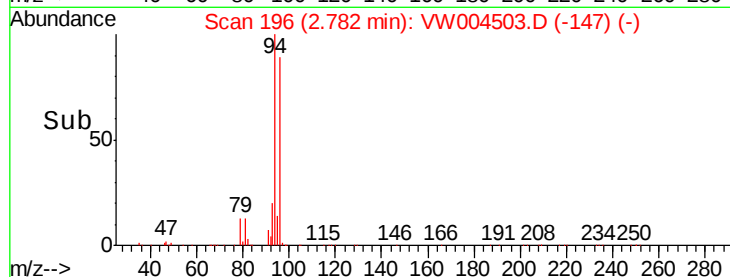
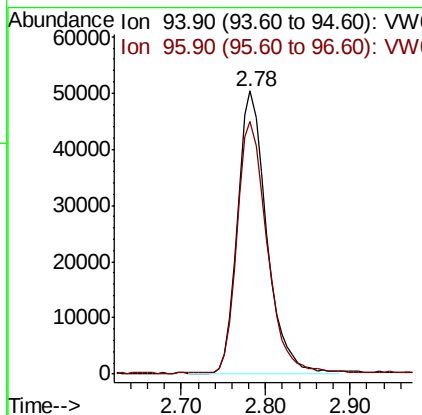
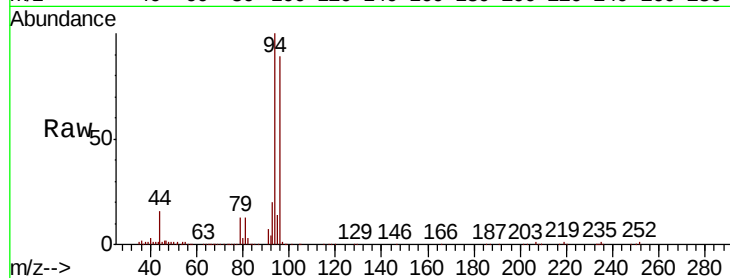
94 100

96 88.6 72.9 109.3

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#6

Chloroethane

Concen: 20.53 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004503.D

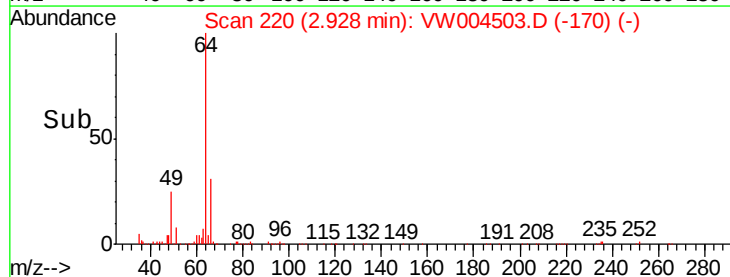
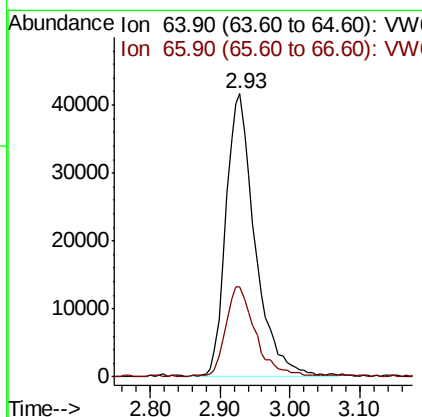
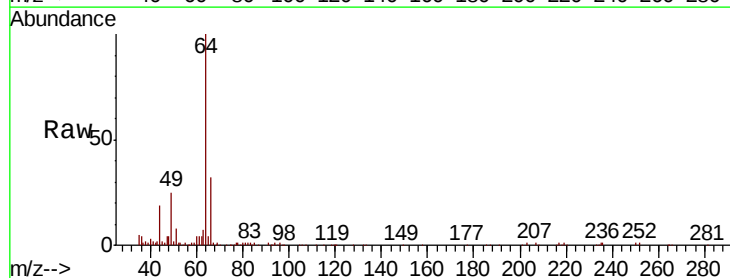
Acq: 07 Aug 2018 20:20

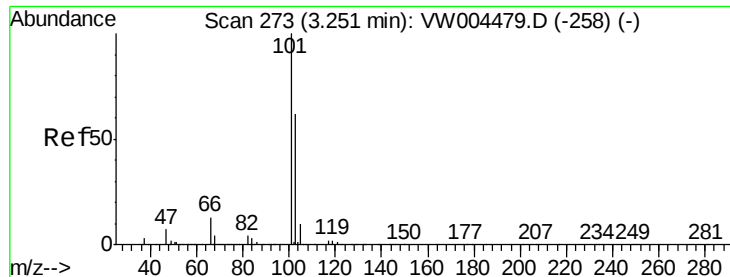
Tgt Ion: 64 Resp: 120405

Ion Ratio Lower Upper

64 100

66 31.5 24.6 36.8





#7

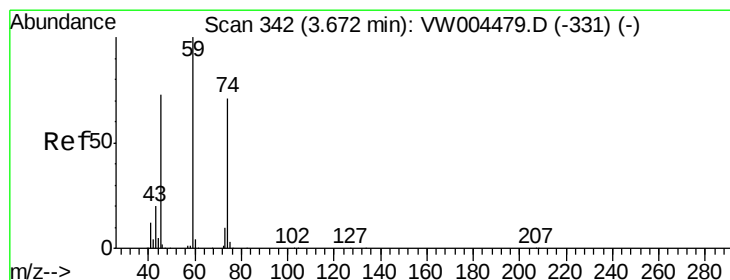
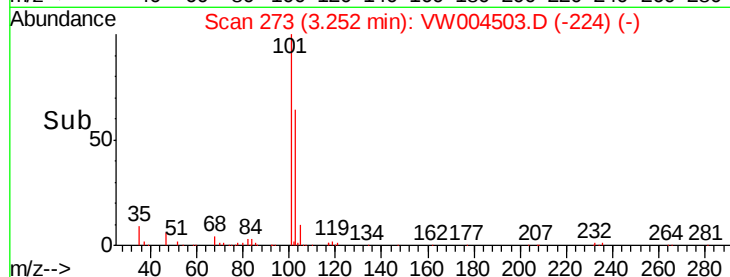
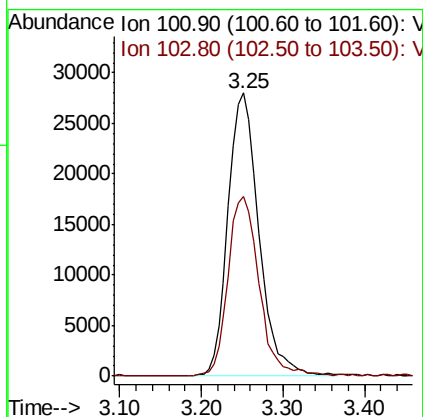
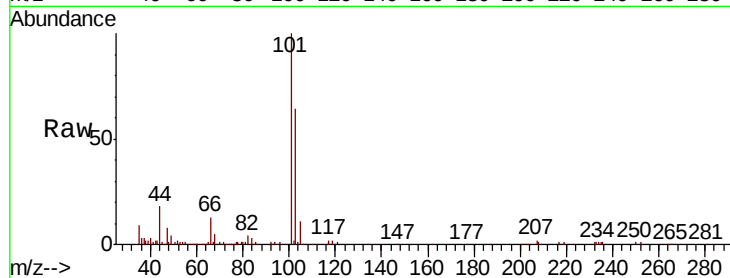
Trichlorofluoromethane
Concen: 20.30 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
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ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	49.8	74.8

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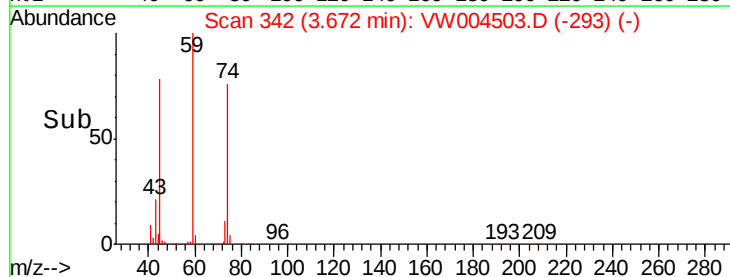
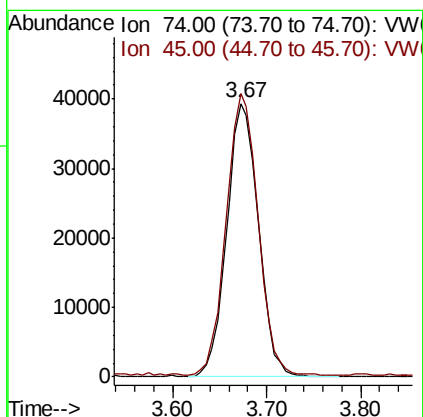
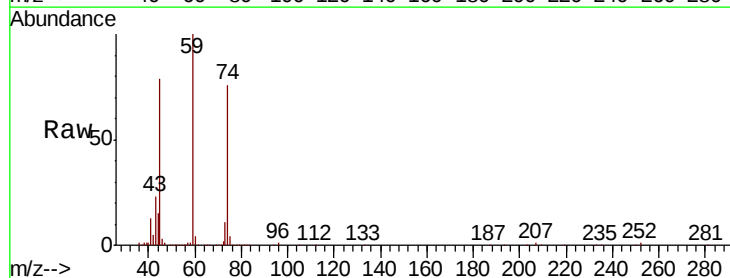
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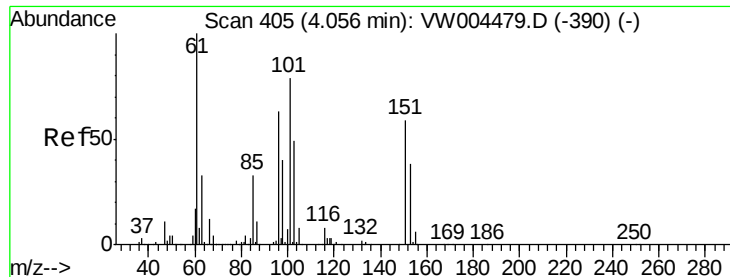


#8

Diethyl Ether
Concen: 20.06 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.49 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

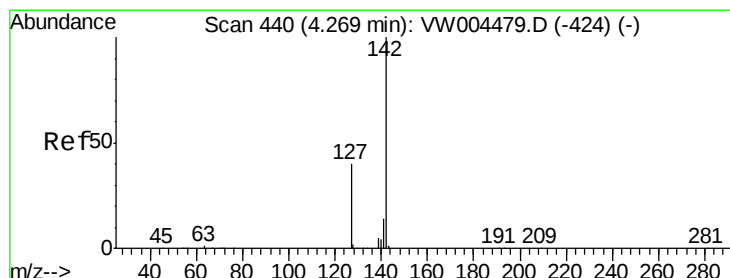
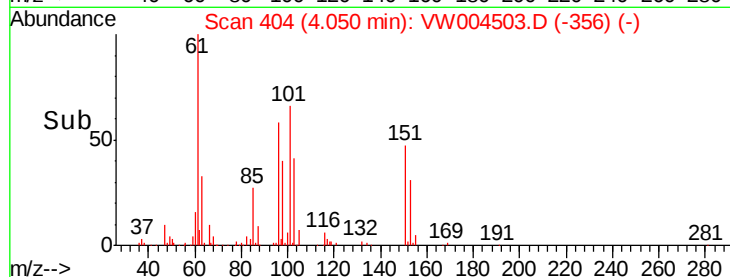
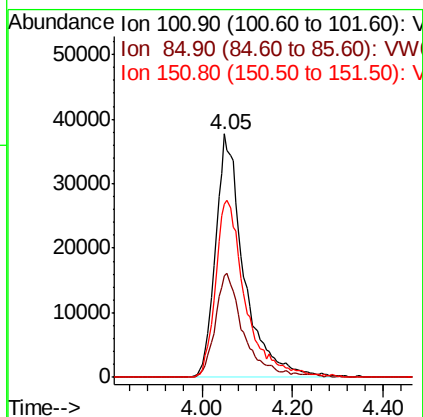
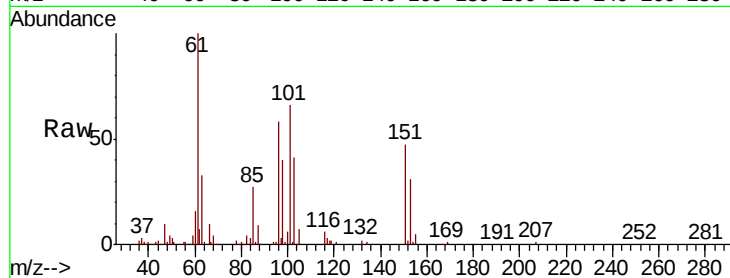
ClientSampleId :

VW0808SBS01

Tot Ion:	101	Resp:	164049
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.6	51.8
151	76.4	61.3	91.9

Manual Integrations
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#10

Methyl Iodide

Concen: 20.00 ug/l

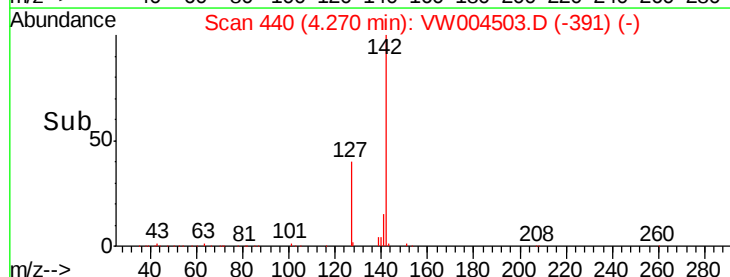
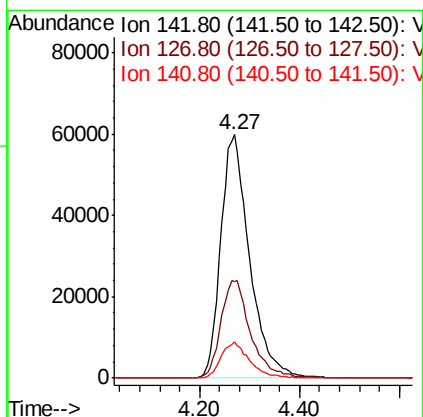
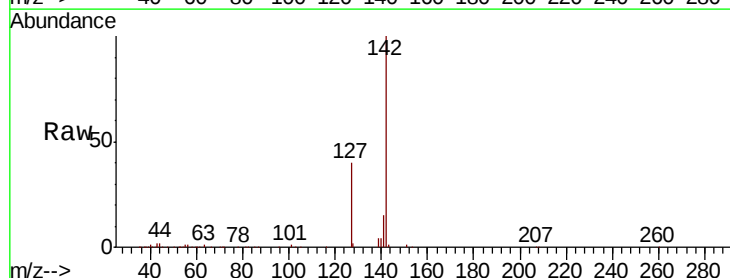
RT: 4.27 min Scan# 440

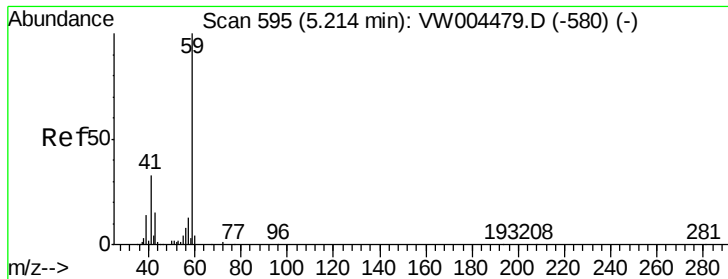
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:	142	Resp:	240185
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.7	49.1
141	14.5	11.5	17.3





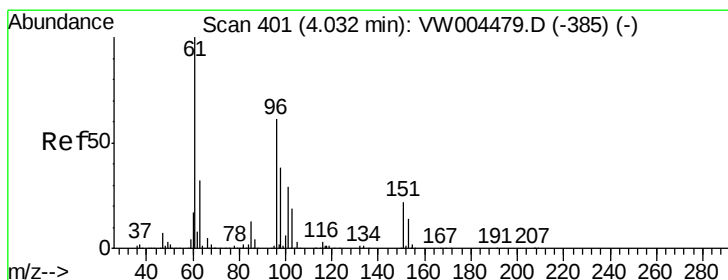
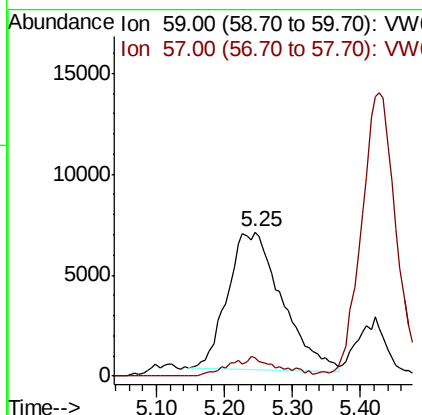
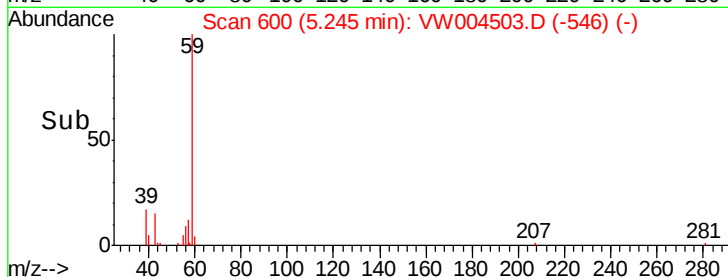
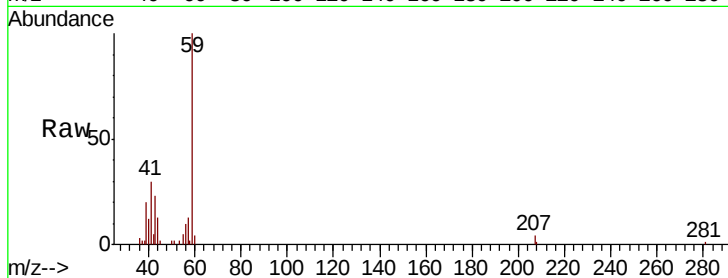
#11
Tert butyl alcohol
Concen: 79.70 ug/l
RT: 5.25 min Scan# 600
Delta R.T. 0.03 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.4	9.1	13.7

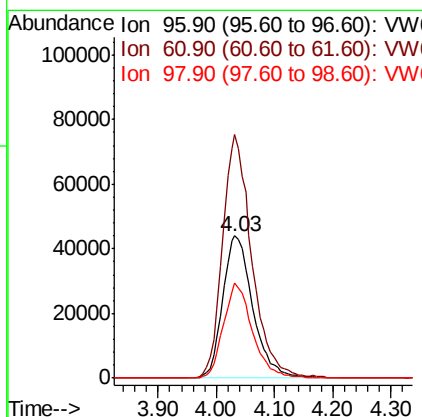
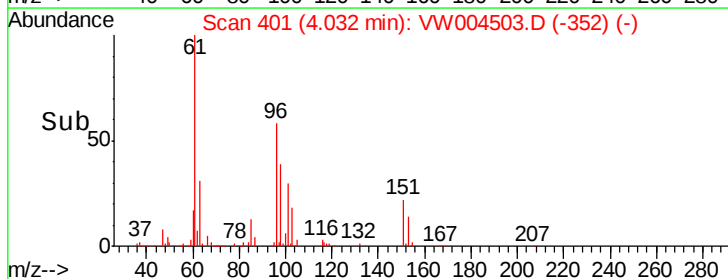
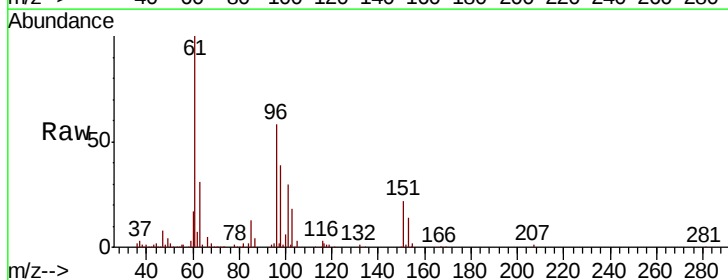
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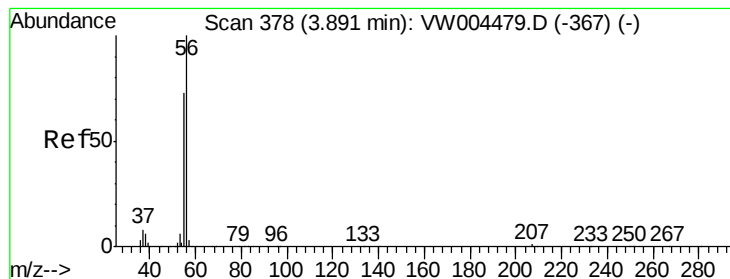
apatel
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#12
1,1-Dichloroethene
Concen: 19.49 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.5	130.6	195.8
98	66.6	49.6	74.4





#13

Acrolein

Concen: 99.46 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 56 Resp: 58036

Ion Ratio Lower Upper

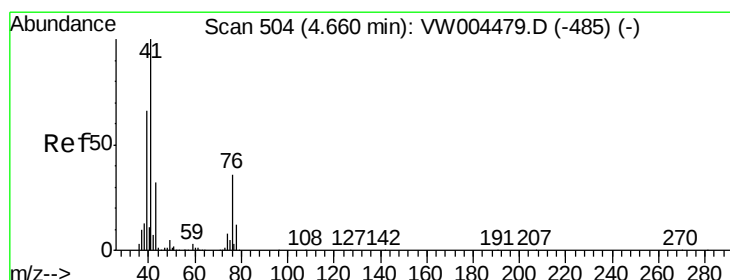
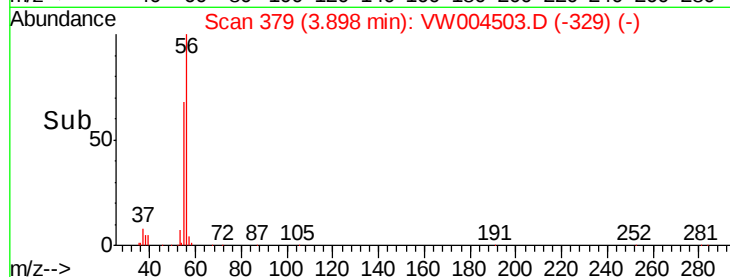
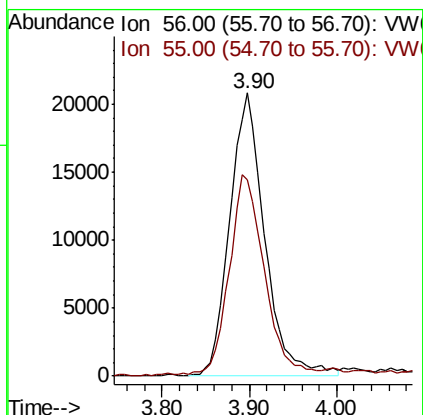
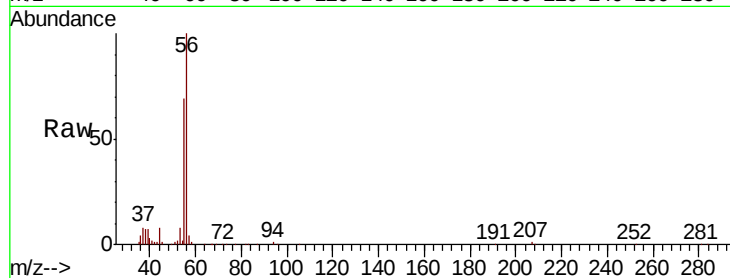
56 100

55 72.7 56.7 85.1

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#14

Allyl chloride

Concen: 20.03 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

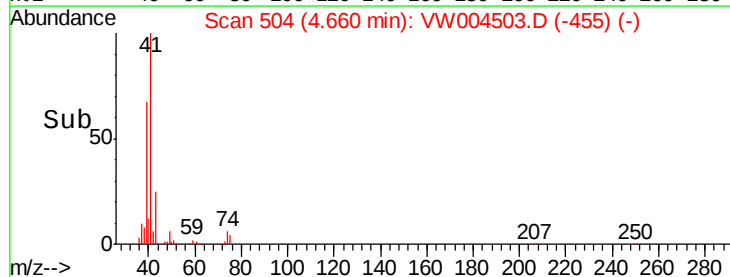
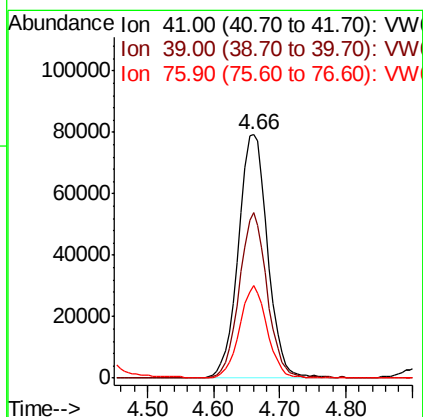
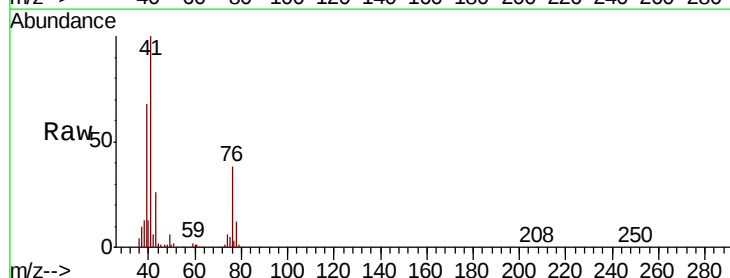
Tgt Ion: 41 Resp: 242481

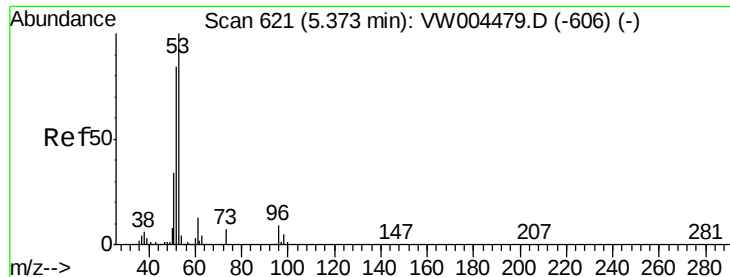
Ion Ratio Lower Upper

41 100

39 64.9 51.9 77.9

76 35.5 29.0 43.6





#15

Acrylonitrile

Concen: 94.85 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

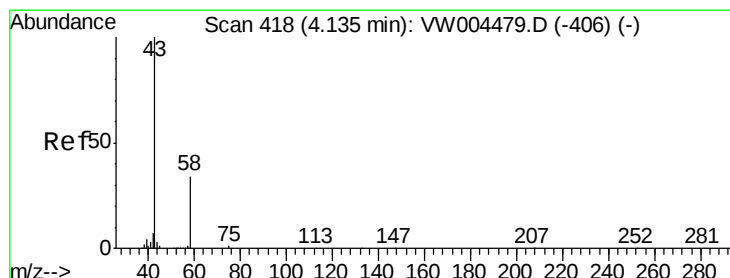
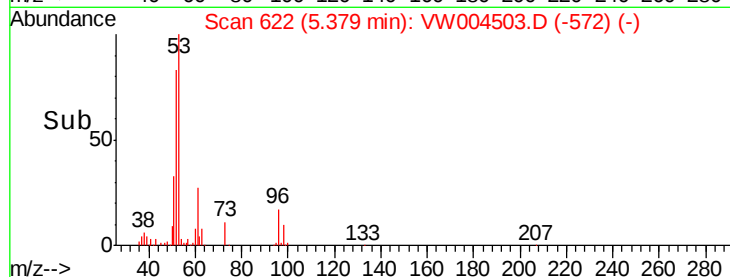
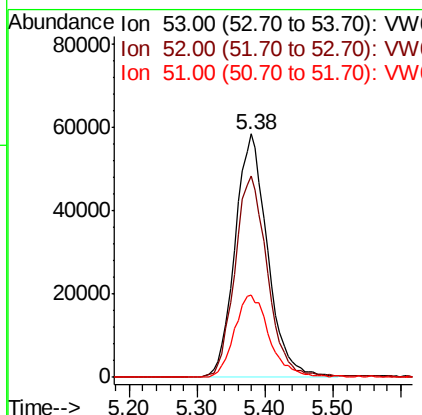
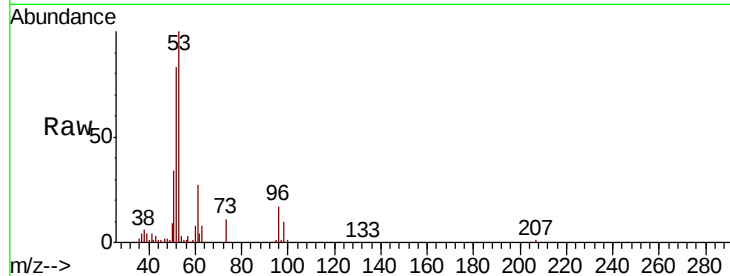
ClientSampleId :

VW0808SBS01

Tot Ion:	53	Resp:	193264
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.5	99.7
51	0.0	28.4	42.6

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#16

Acetone

Concen: 96.50 ug/l

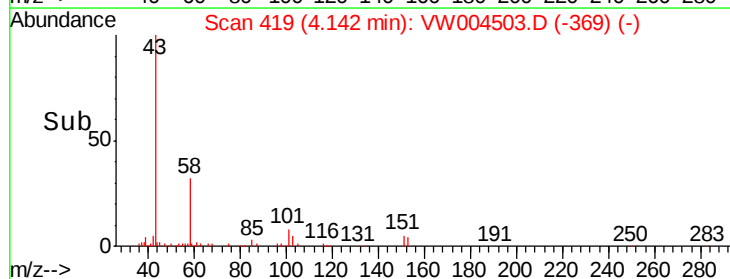
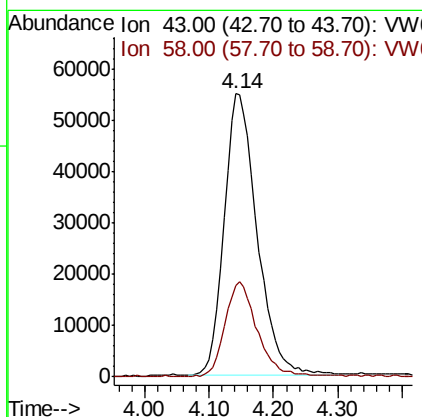
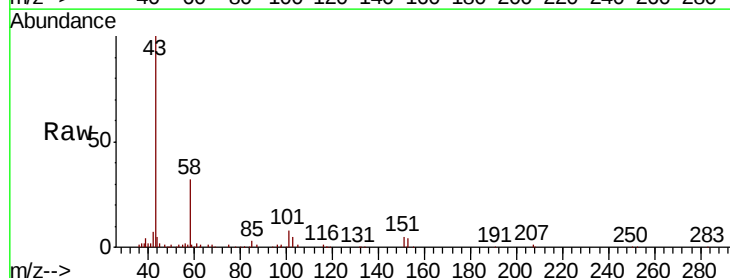
RT: 4.14 min Scan# 419

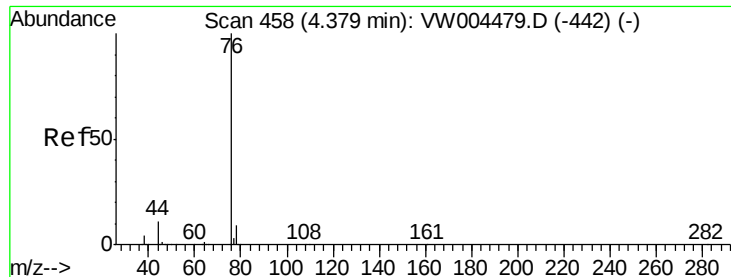
Delta R.T. 0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:	43	Resp:	196008
Ion Ratio	Lower	Upper	
43	100		
58	32.2	26.8	40.2





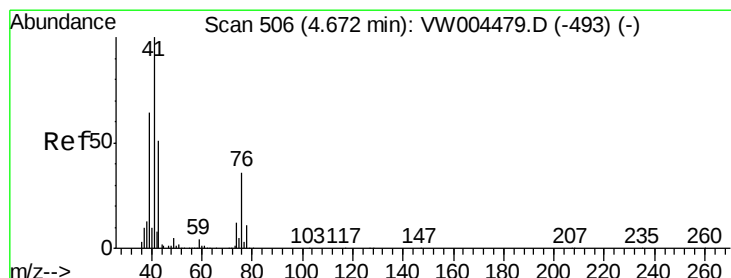
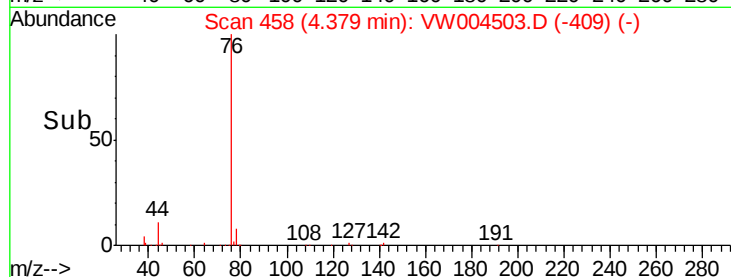
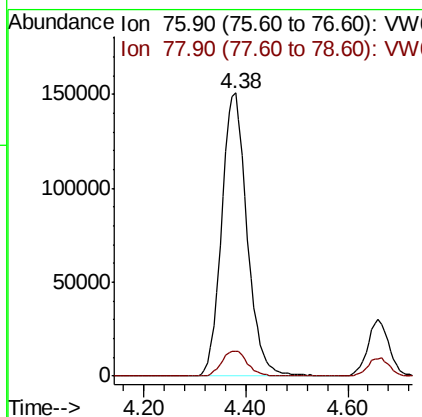
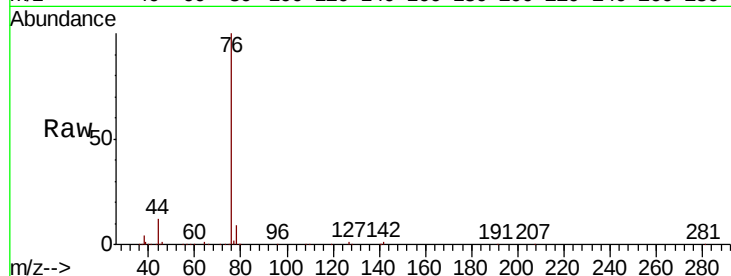
#17
Carbon Disulfide
Concen: 20.13 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.4

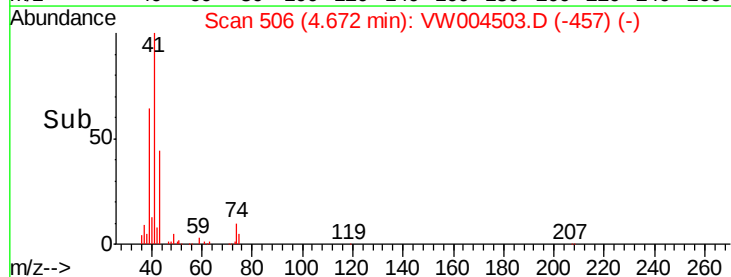
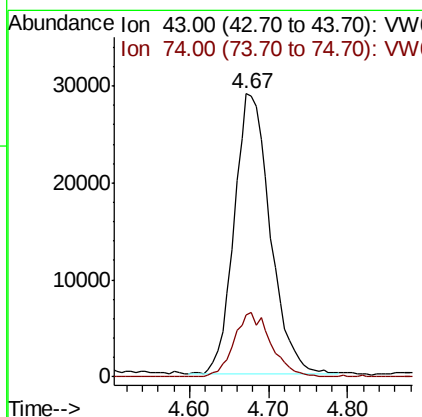
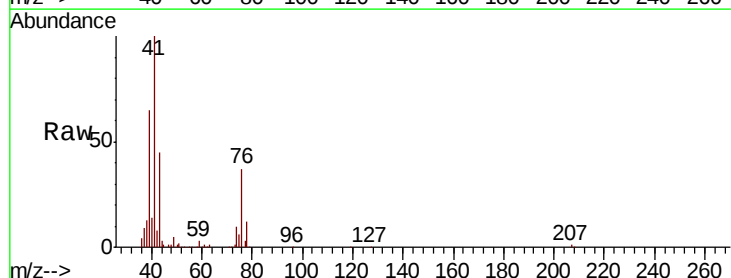
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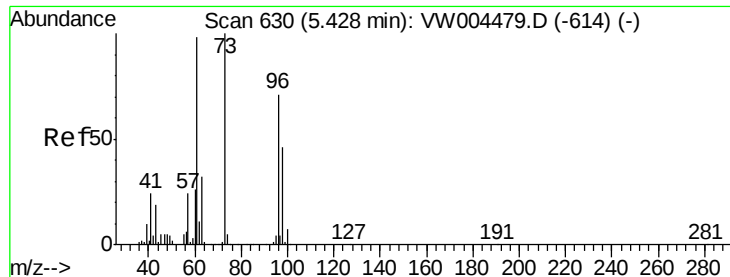
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#18
Methyl Acetate
Concen: 18.19 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.1	28.7





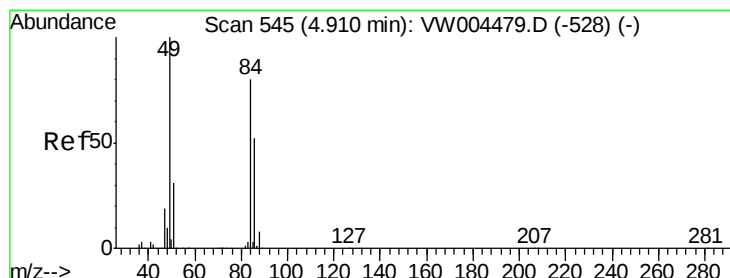
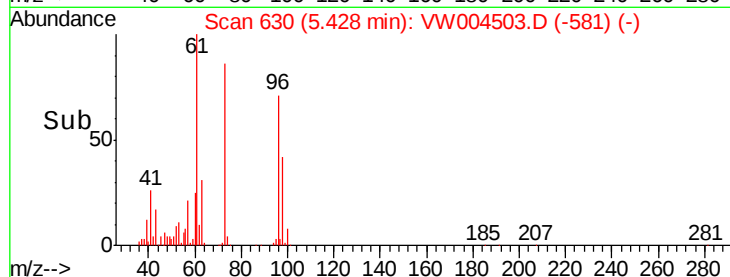
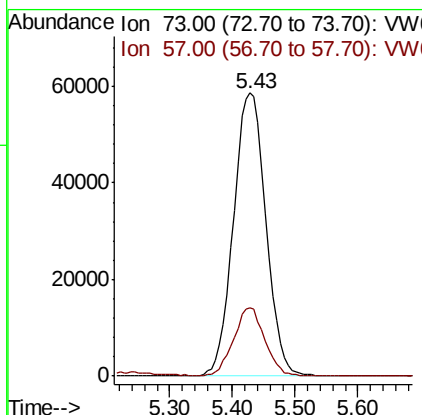
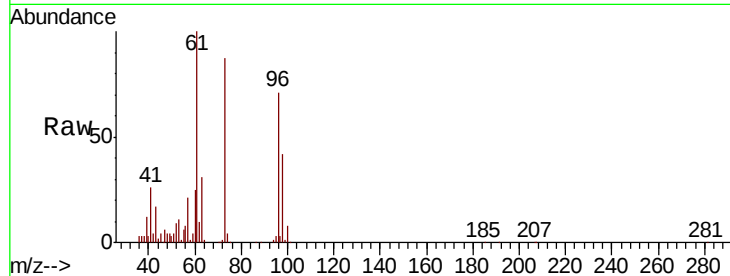
#19
Methvl tert-butvl Ether
Concen: 19.07 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.6	29.4

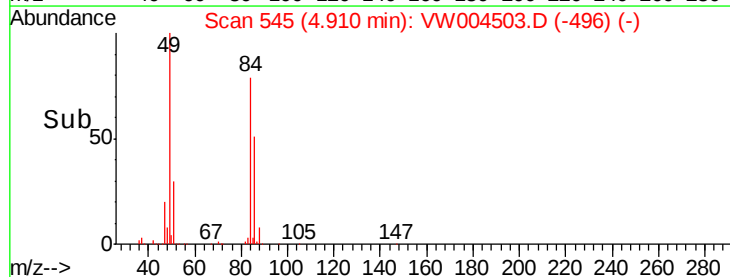
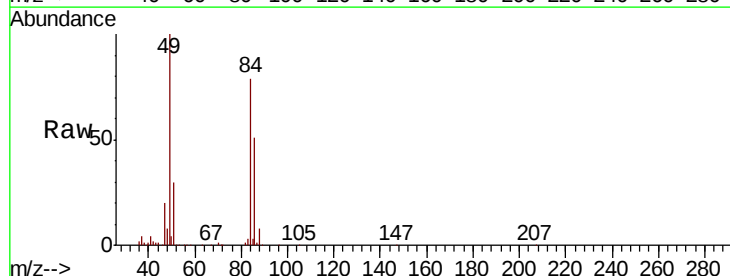
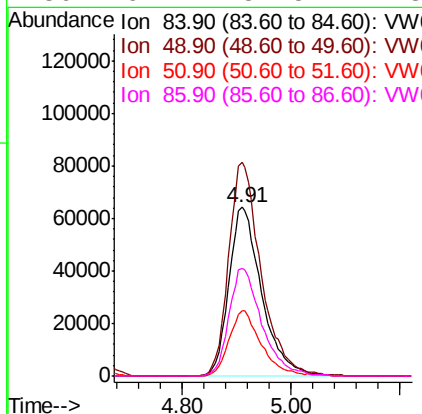
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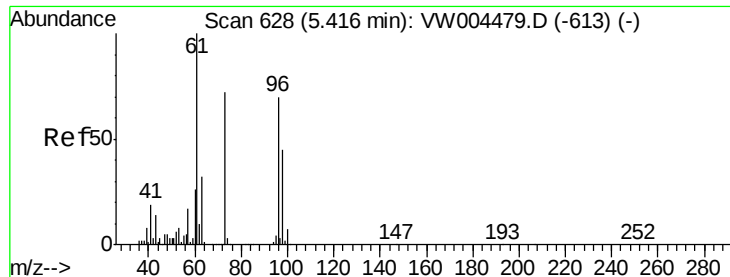
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#20
Methylene Chloride
Concen: 22.24 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.7	99.6	149.4
51	38.5	31.0	46.4
86	64.2	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 19.71 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

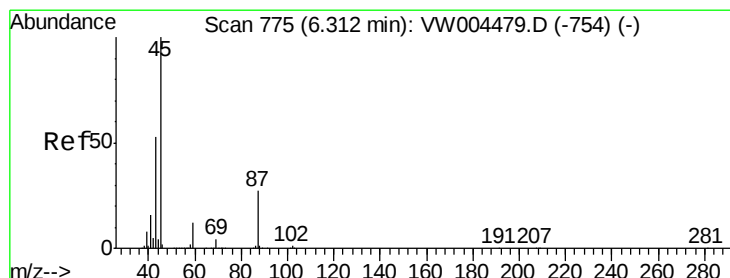
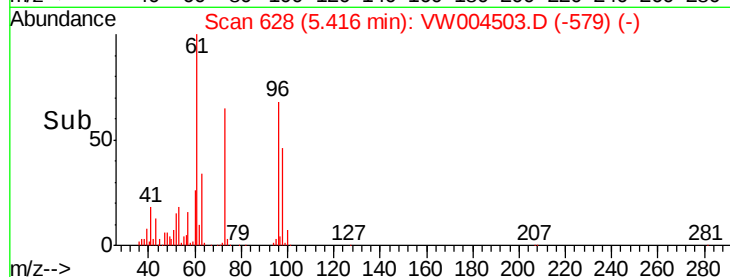
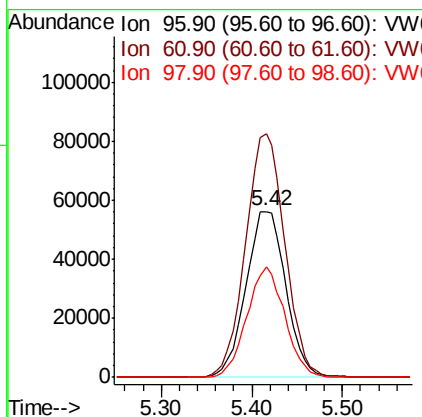
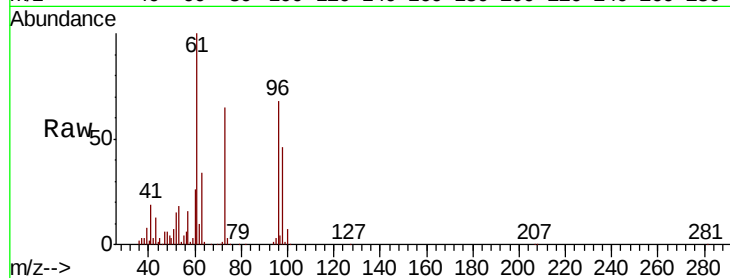
ClientSampled :

VW0808SBS01

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Tot Ion:	96	Resp:	171177
Ion	Ratio	Lower	Upper
96	100		
61	147.0	114.1	171.1
98	67.0	51.4	77.2



#22

Diisopropyl ether

Concen: 20.59 ug/l

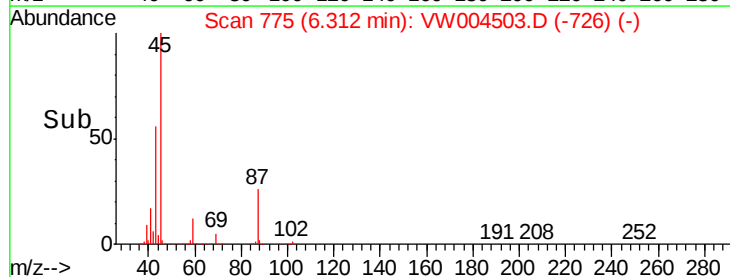
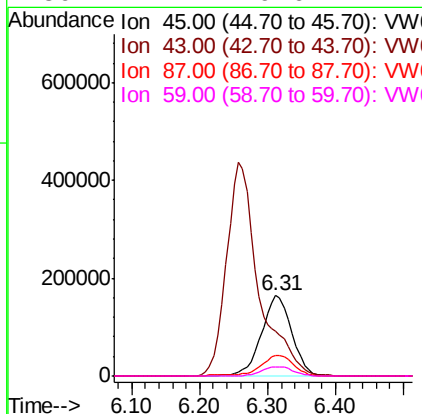
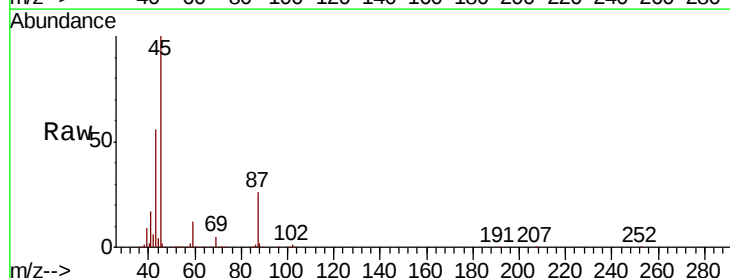
RT: 6.31 min Scan# 775

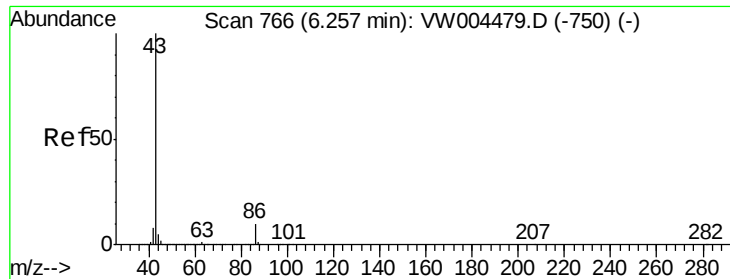
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:	45	Resp:	512169
Ion	Ratio	Lower	Upper
45	100		
43	56.3	42.4	63.6
87	25.9	21.6	32.4
59	11.7	9.6	14.4





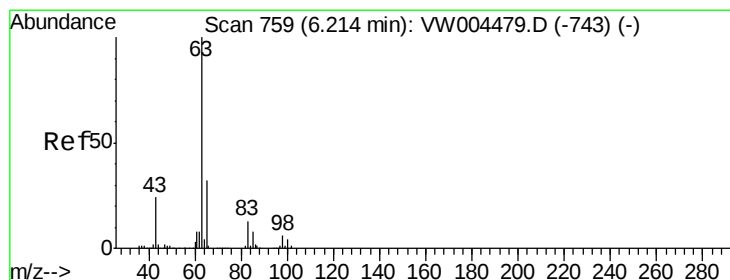
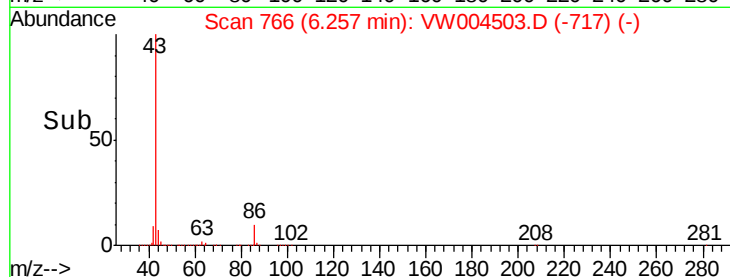
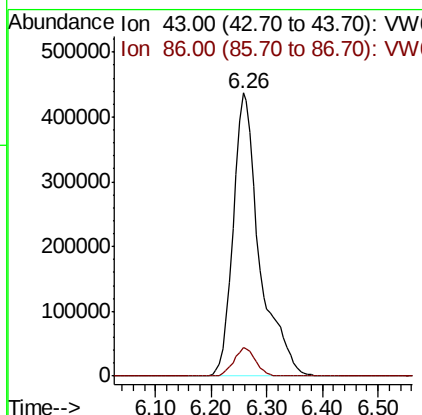
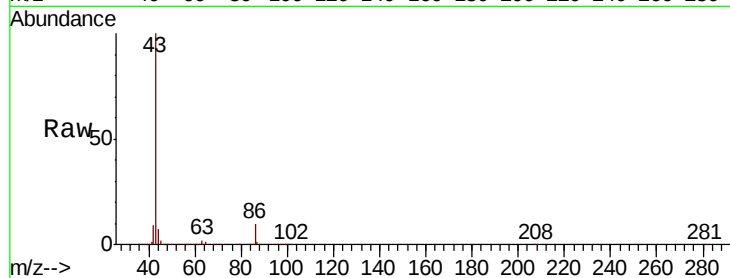
#23
 Vinyl Acetate
 Concen: 95.82 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Instrument :
 MSVOA_W
 ClientSampled :
 VW0808SBS01

Tot Ion: 43 Resp: 1432708
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

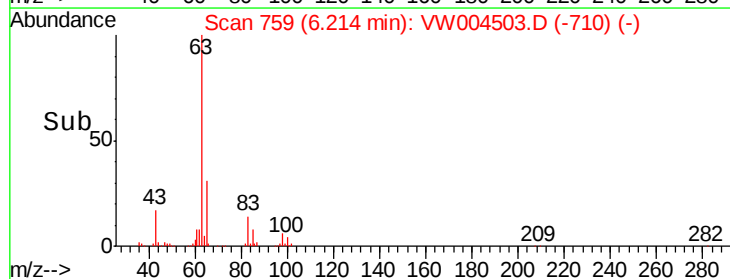
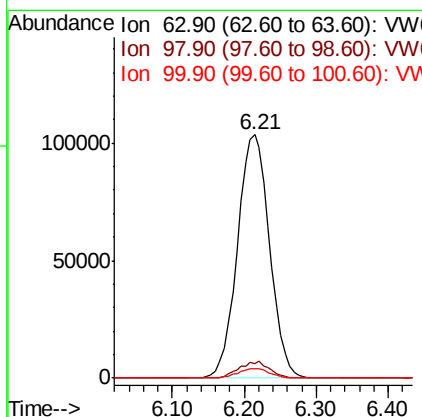
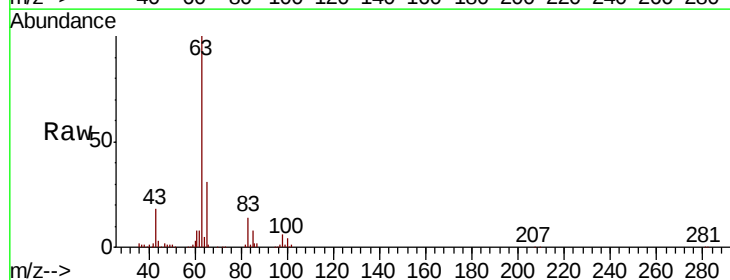
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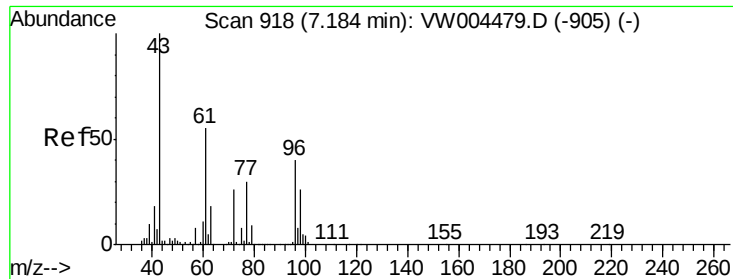
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#24
 1,1-Dichloroethane
 Concen: 20.07 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion: 63 Resp: 319652
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 4.1 2.1 6.5





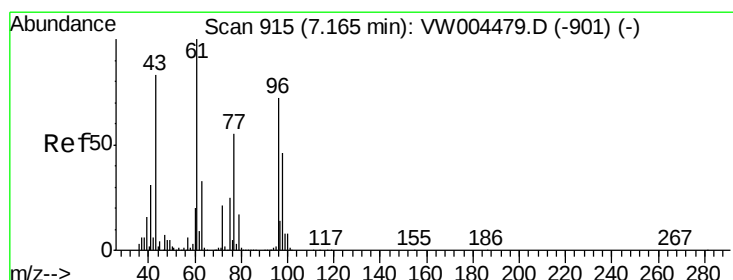
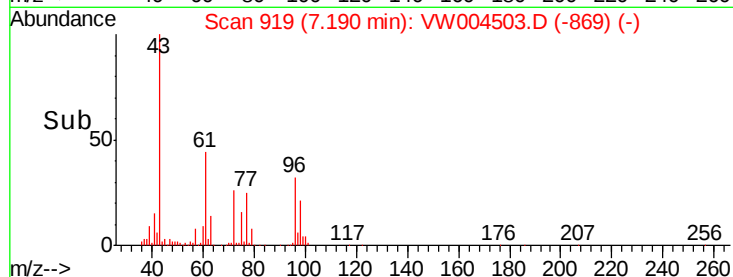
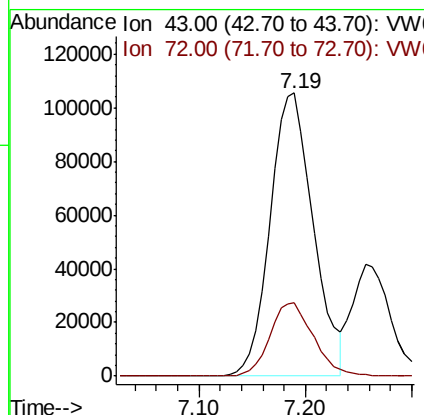
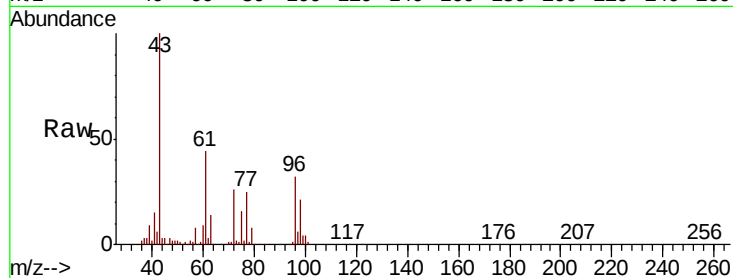
#25
2-Butanone
Concen: 90.66 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion: 43 Resp: 296229
Ion Ratio Lower Upper
43 100
72 26.0 21.0 31.6

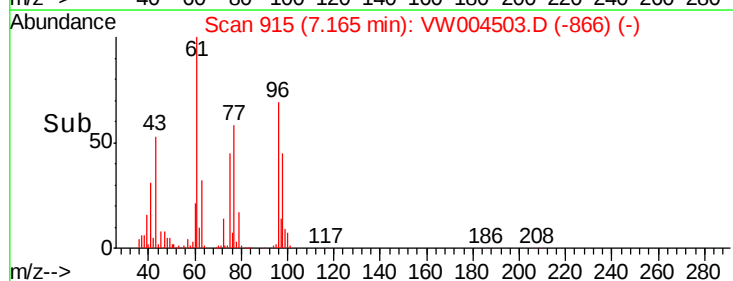
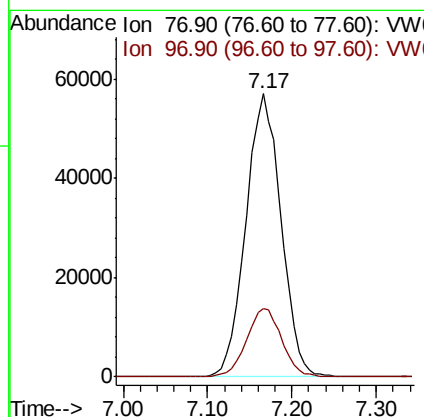
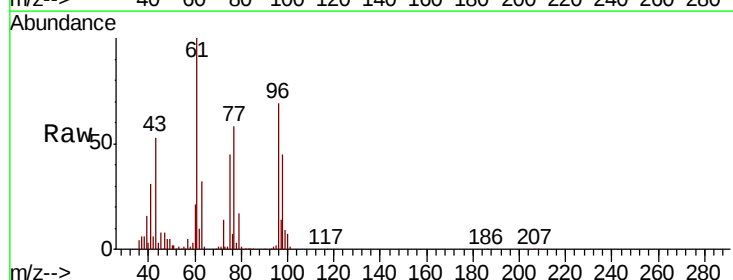
Manual Integrations
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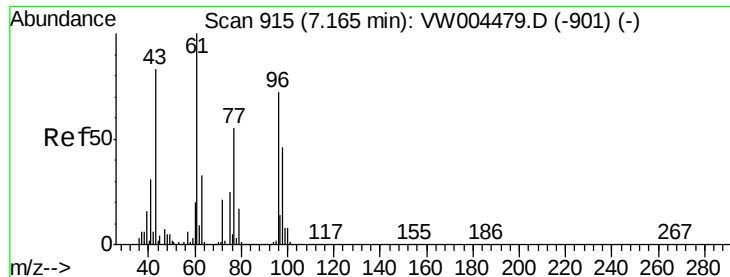
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#26
2,2-Dichloropropane
Concen: 19.32 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion: 77 Resp: 161505
Ion Ratio Lower Upper
77 100
97 24.0 12.5 37.5





#27

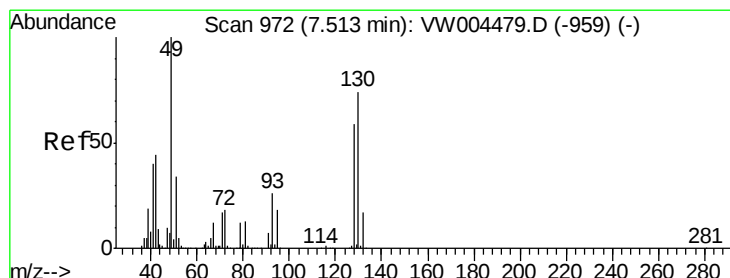
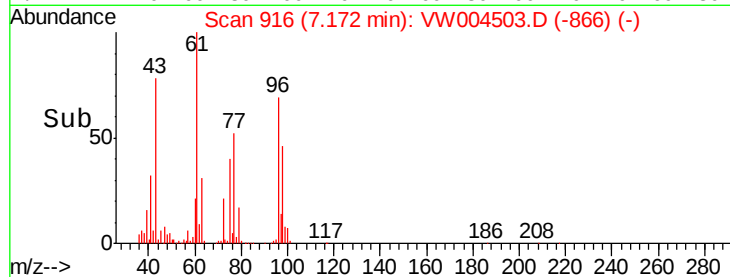
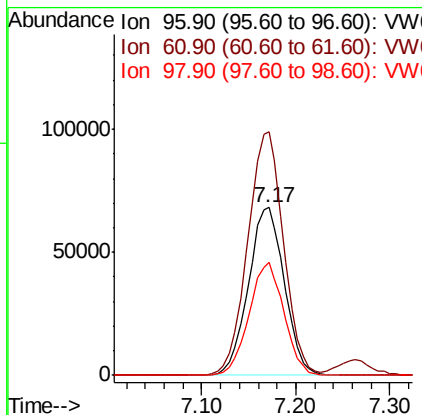
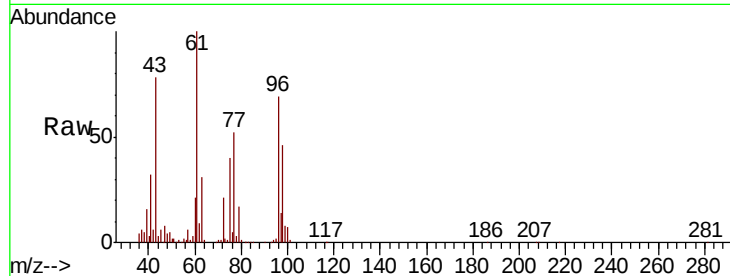
cis-1,2-Dichloroethene
Concen: 19.58 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	182960		
61	144.2	0.0	285.0	
98	65.0	0.0	128.6	

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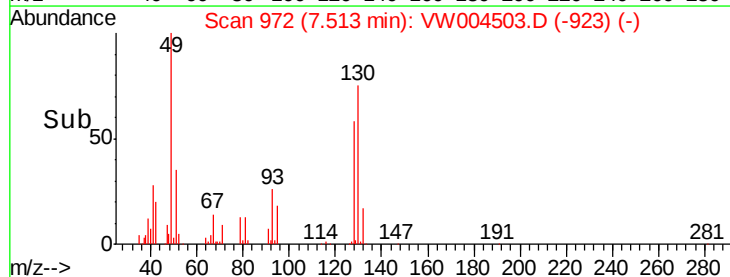
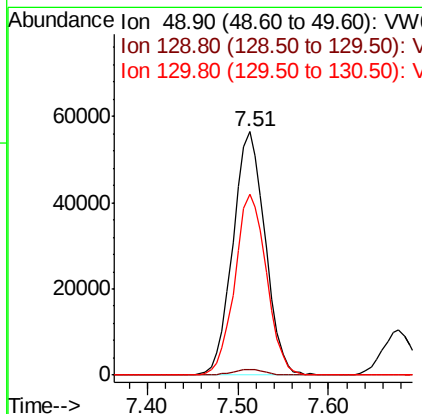
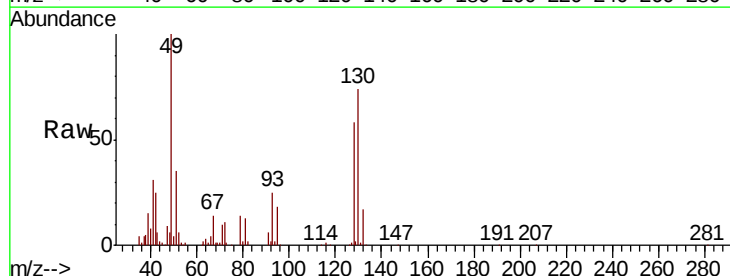
apatel
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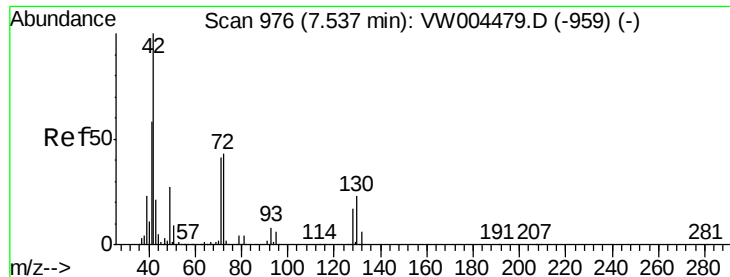


#28

Bromochloromethane
Concen: 20.11 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	139298		
129	2.1	0.0	4.0	
130	73.1	58.8	88.2	





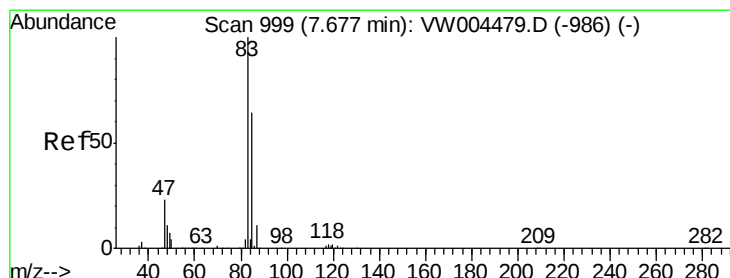
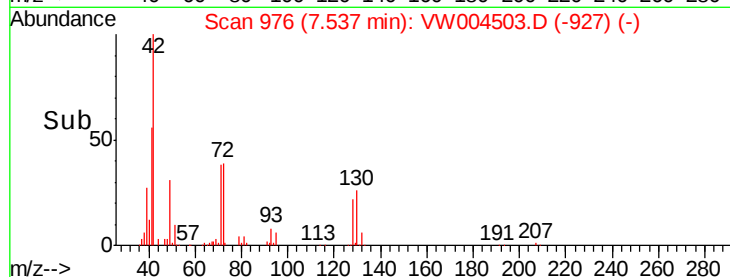
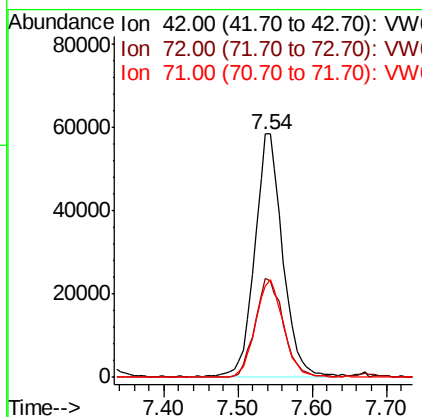
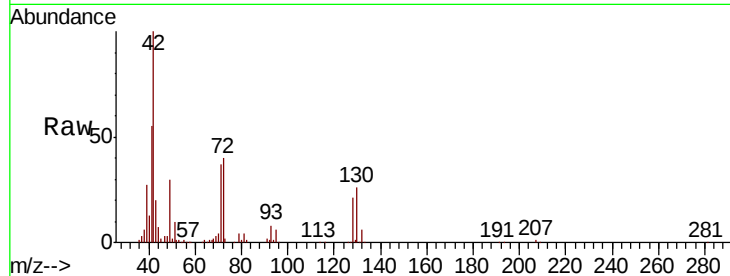
#29
Tetrahydrofuran
Concen: 90.52 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	34.1	51.1
71	40.4	32.5	48.7

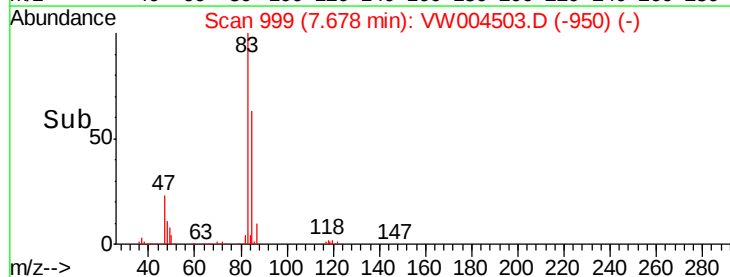
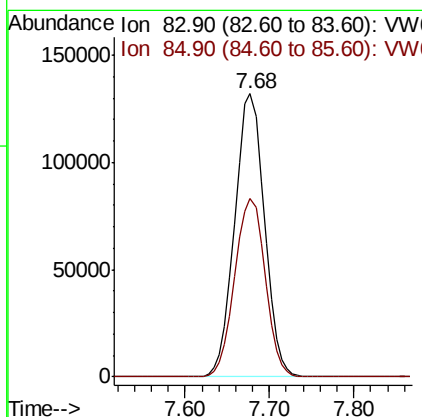
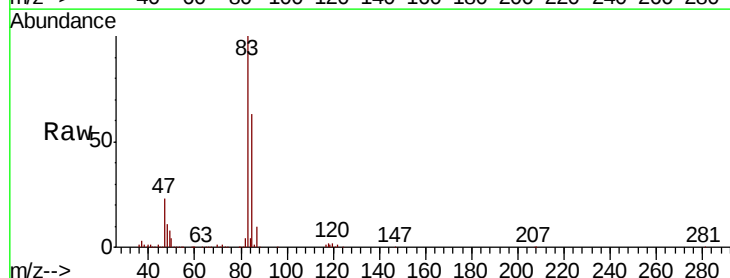
Manual Integrations
APPROVED

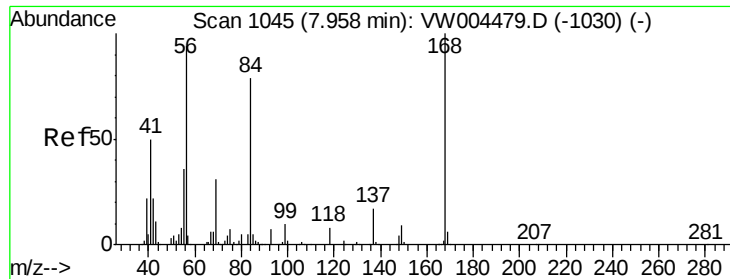
apatel
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#30
Chloroform
Concen: 20.11 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.3	76.9





#31

Cyclohexane

Concen: 19.51 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

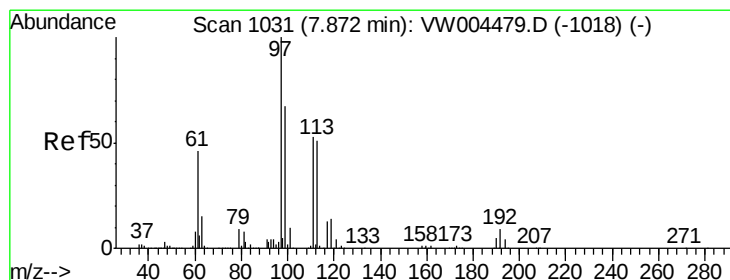
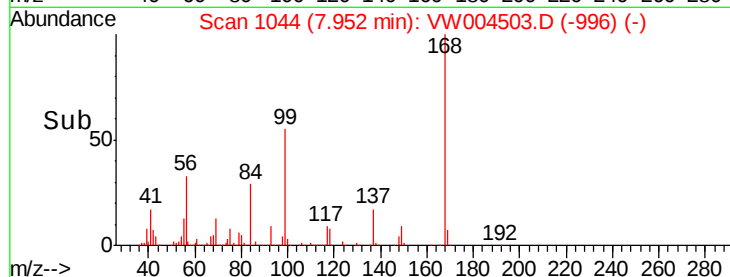
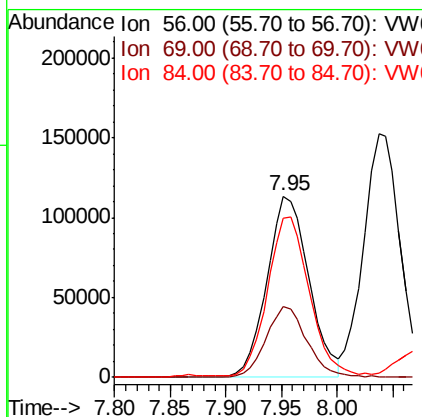
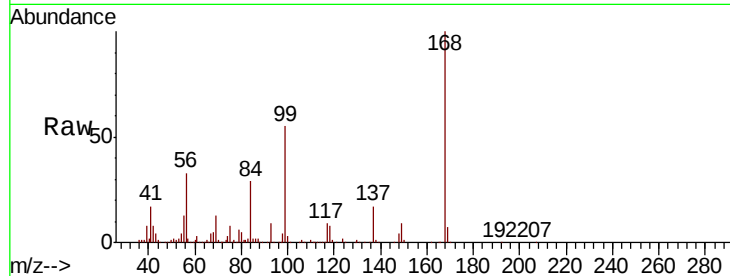
ClientSampleId :

VW0808SBS01

Tot Ion	56	Resp	297199
Ion	Ratio	Lower	Upper
56	100		
69	38.8	26.4	39.6
84	86.8	66.9	100.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.83 ug/l

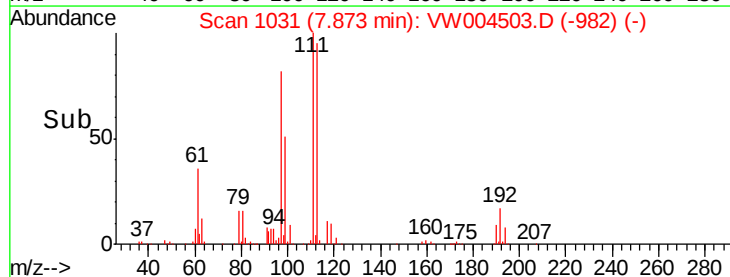
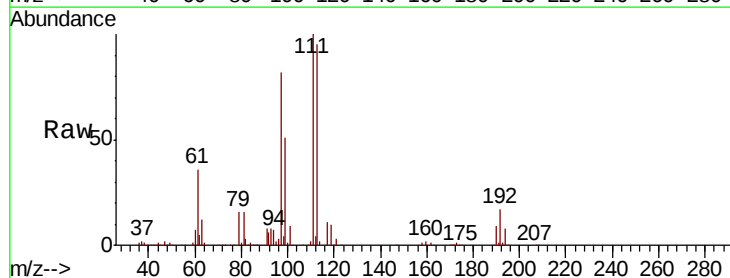
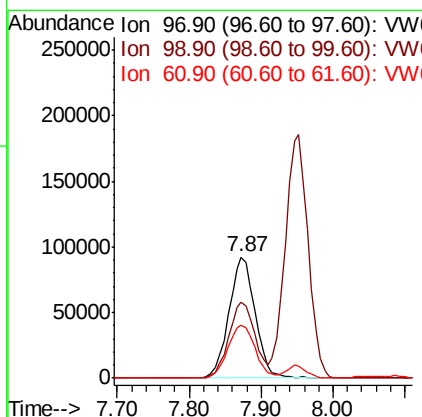
RT: 7.87 min Scan# 1031

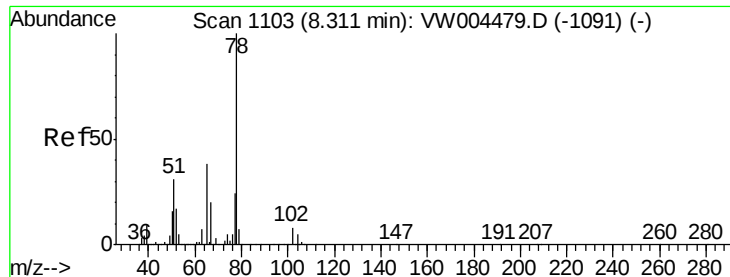
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion	97	Resp	232947
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.6	77.4
61	45.6	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 48.25 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 65 Resp: 392417

Ion Ratio Lower Upper

65 100

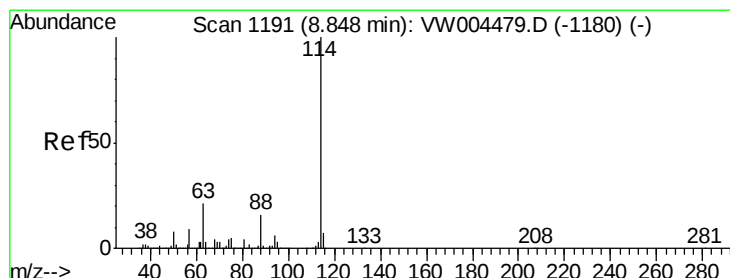
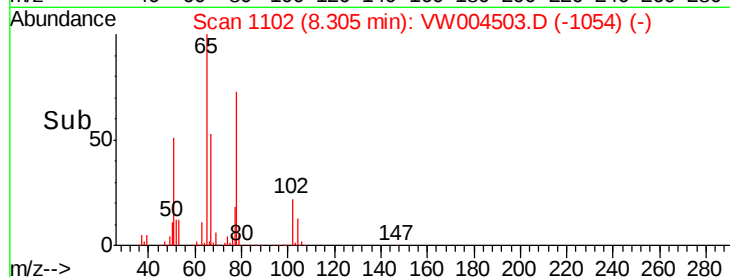
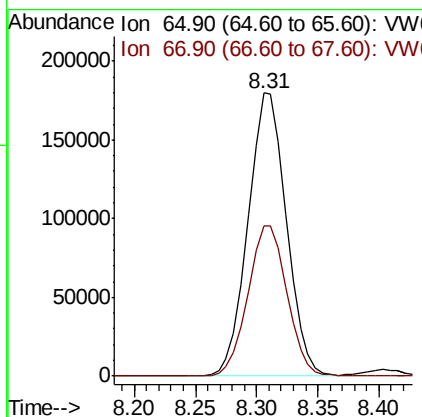
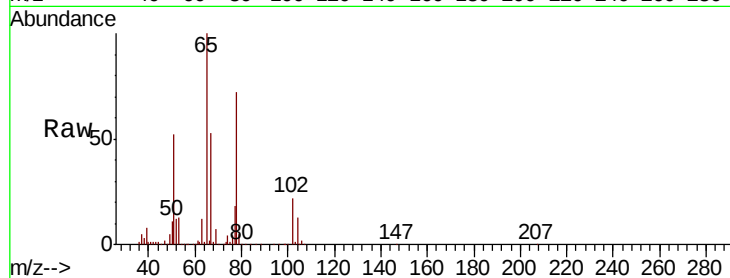
67 54.1 0.0 109.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

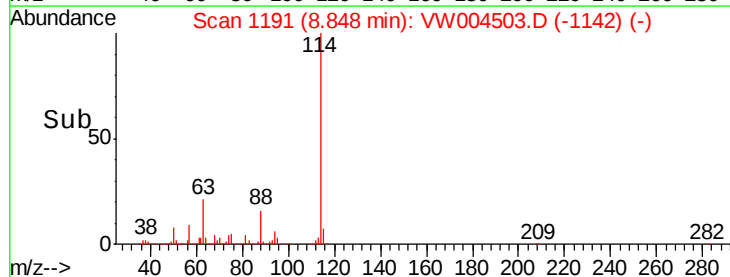
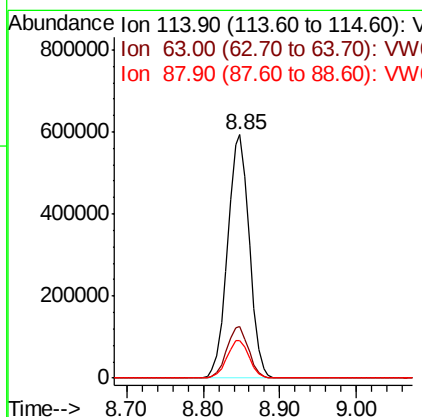
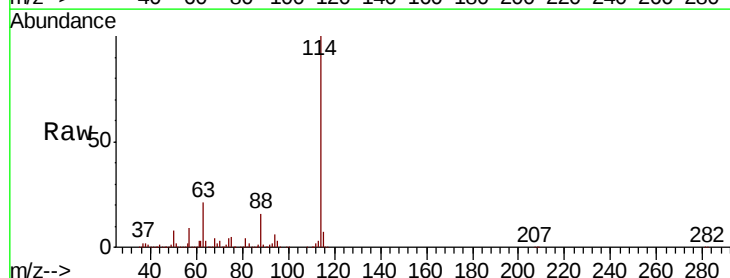
Tgt Ion: 114 Resp: 1153522

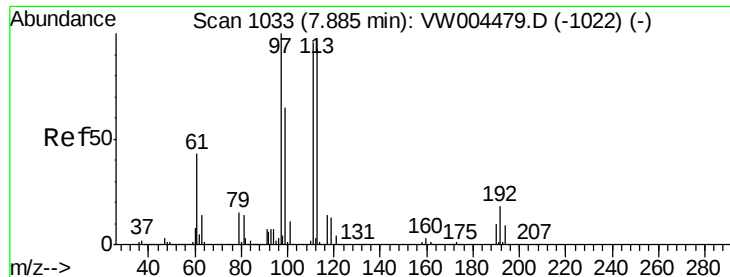
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.49 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

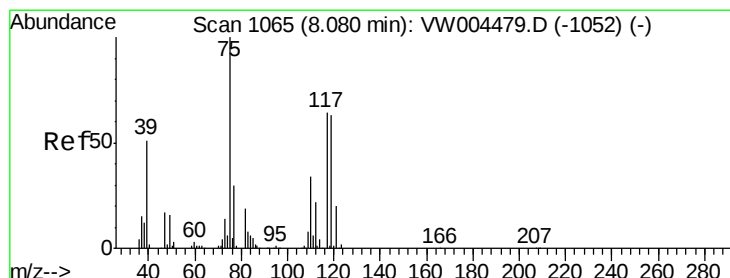
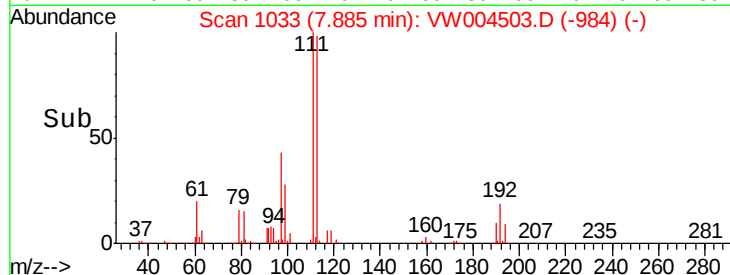
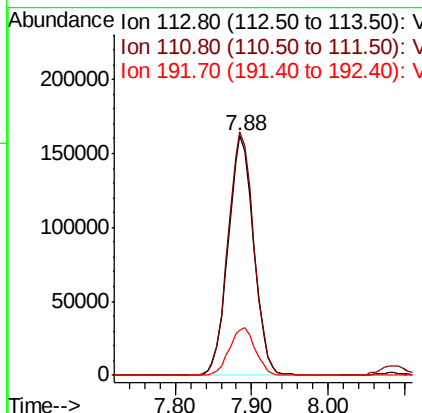
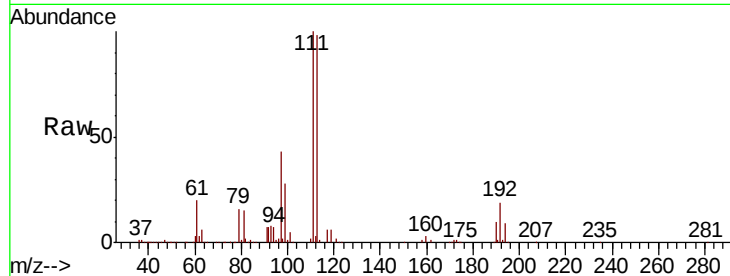
ClientSampleId :

VW0808SBS01

Tot Ion:	113	Resp:	372936
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.9	124.3
192	20.2	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.98 ug/l

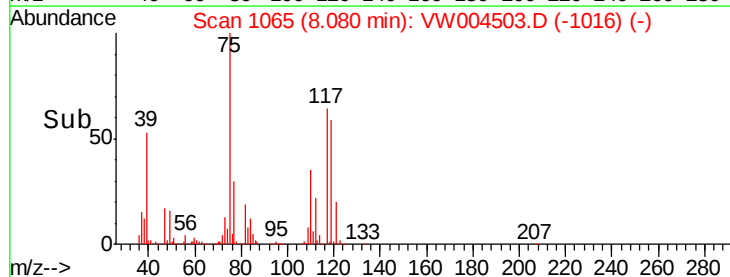
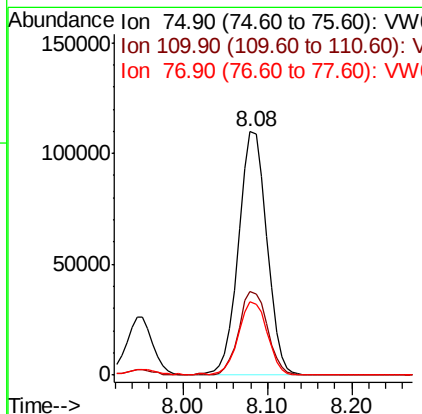
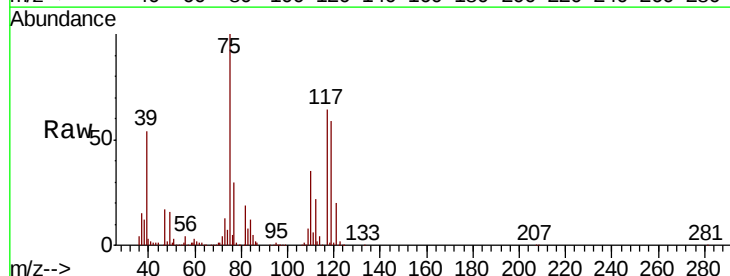
RT: 8.08 min Scan# 1065

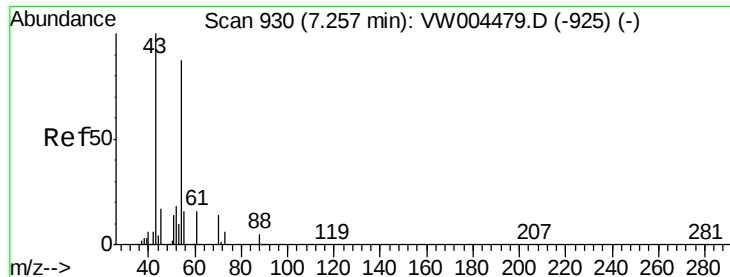
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:	75	Resp:	248144
Ion Ratio	Lower	Upper	
75	100		
110	34.7	17.4	52.2
77	31.2	24.7	37.1





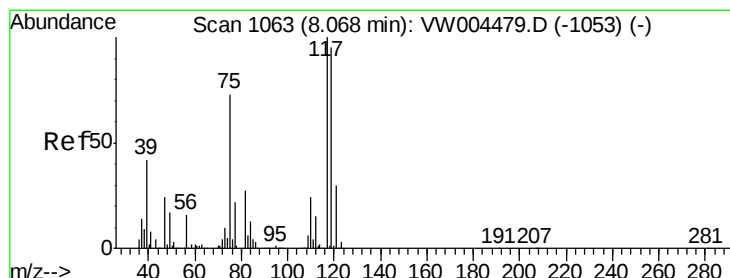
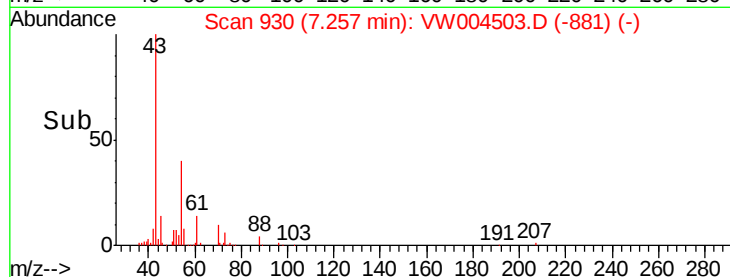
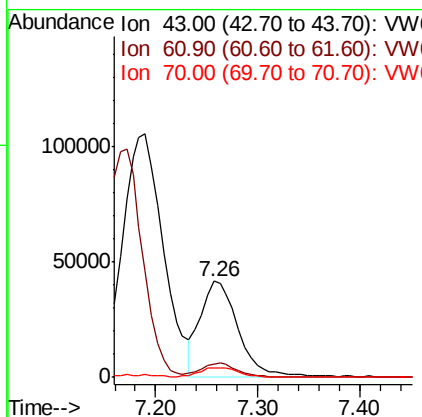
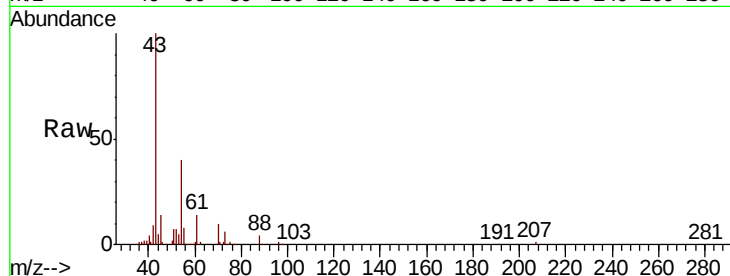
#37
Ethyl Acetate
Concen: 18.21 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

Tot Ion	43	Resp	105936
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.9	17.9
70	10.8	8.2	12.4

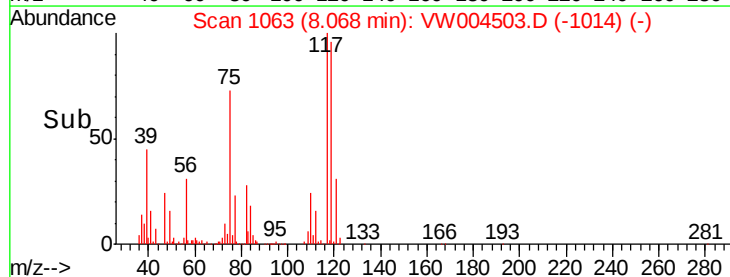
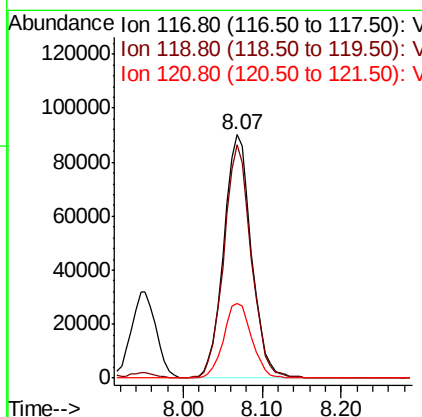
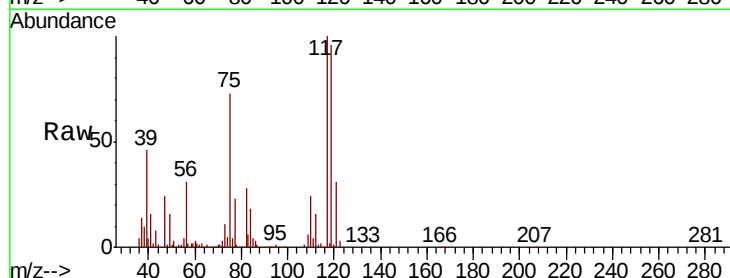
Manual Integrations
APPROVED

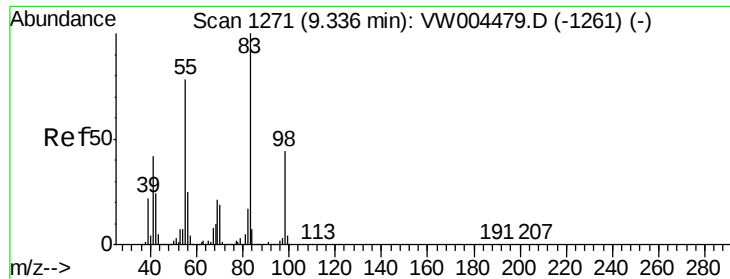
apatel
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#38
Carbon Tetrachloride
Concen: 19.77 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	117	Resp	220953
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.1	114.1
121	30.9	24.2	36.4





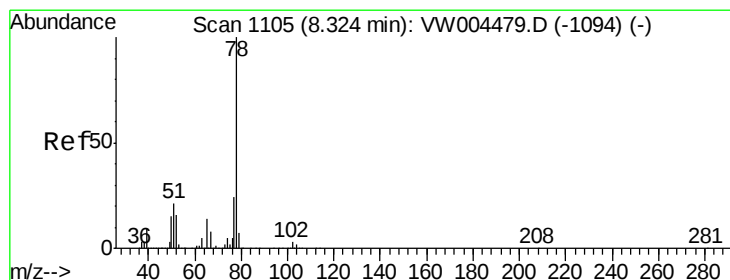
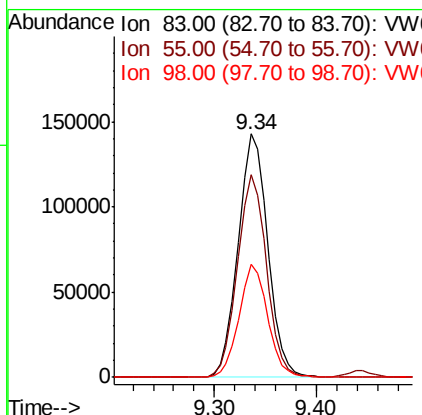
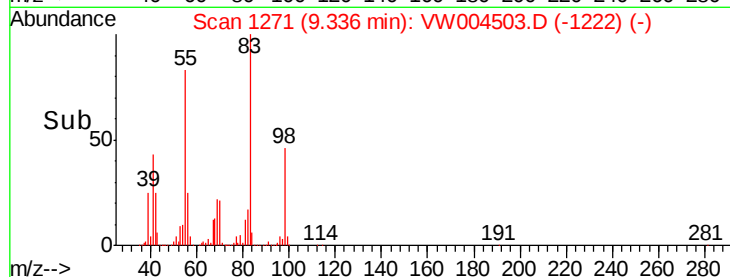
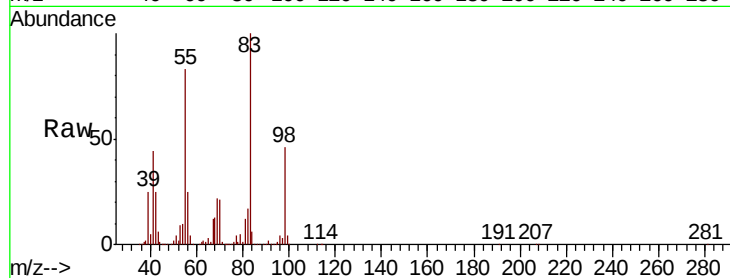
#39
Methvlcvclohexane
Concen: 18.96 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	288605		
55	83.0		62.5	93.7
98	46.3		35.4	53.2

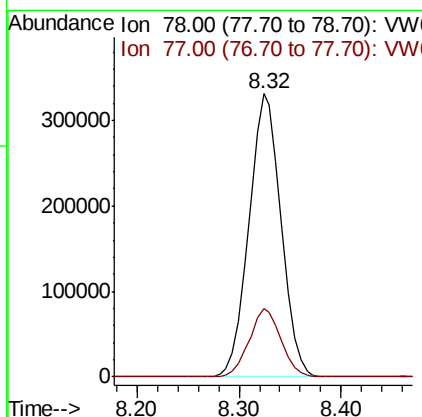
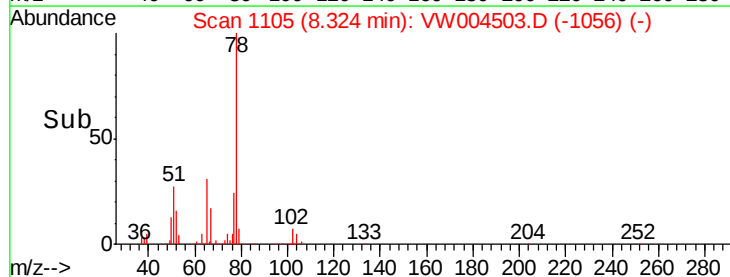
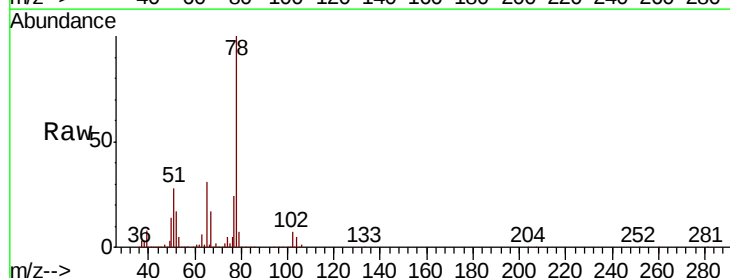
Manual Integrations
APPROVED

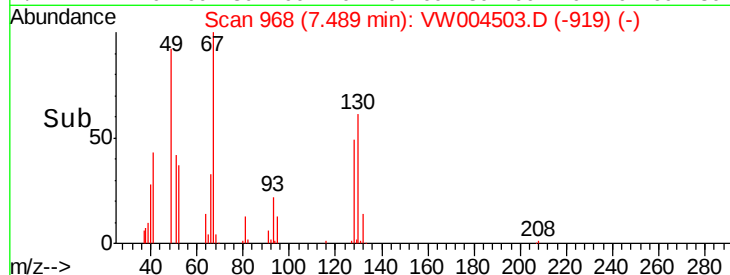
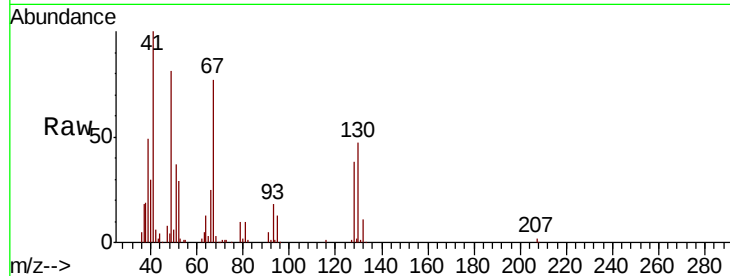
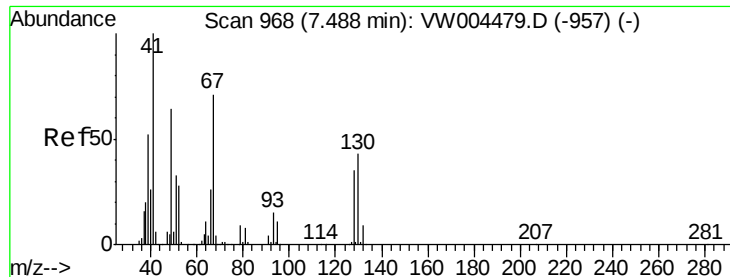
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#40
Benzene
Concen: 19.86 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

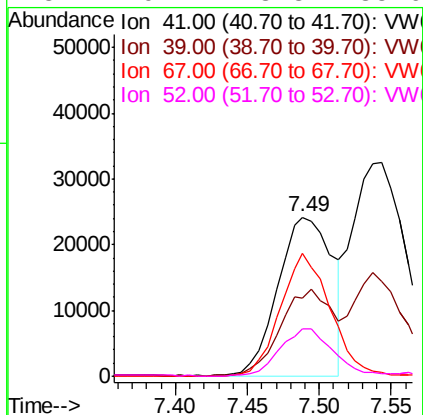
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	724463		
77	24.0		19.0	28.6





#41
Methacrylonitrile
Concen: 19.57 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

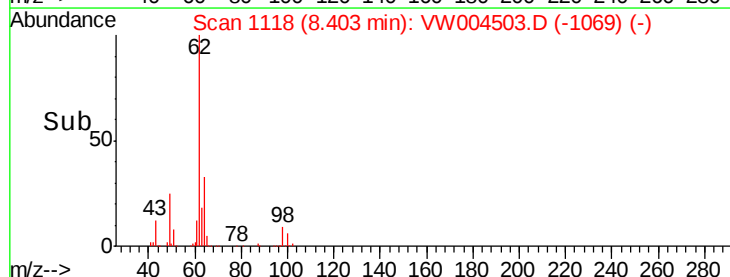
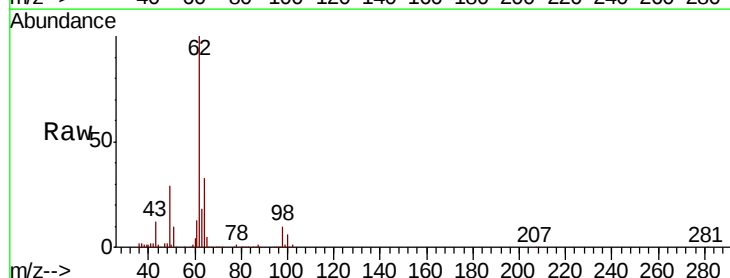
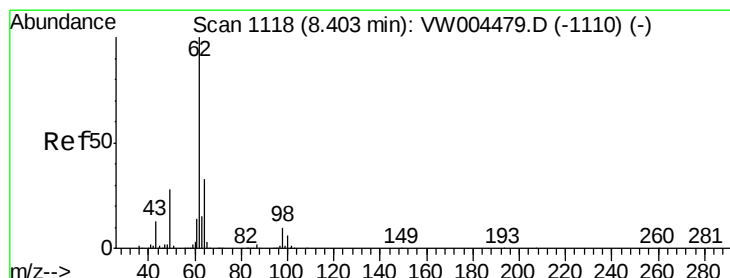
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.7	46.2	69.2	
67	71.6	60.8	91.2	
52	29.1	23.8	35.6	



Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

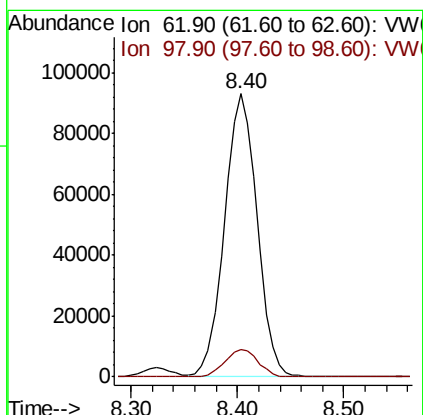
Manual Integrations
APPROVED

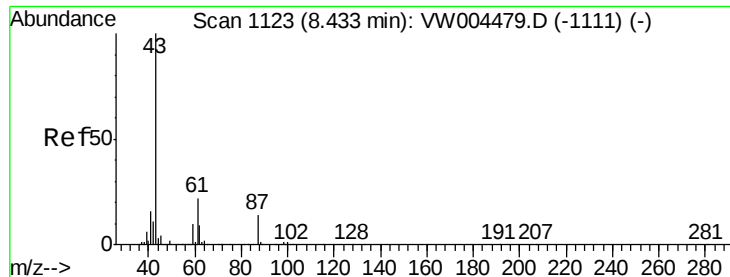
apatel
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#42
1,2-Dichloroethane
Concen: 19.73 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.6	





#43

Isopropyl Acetate

Concen: 18.56 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

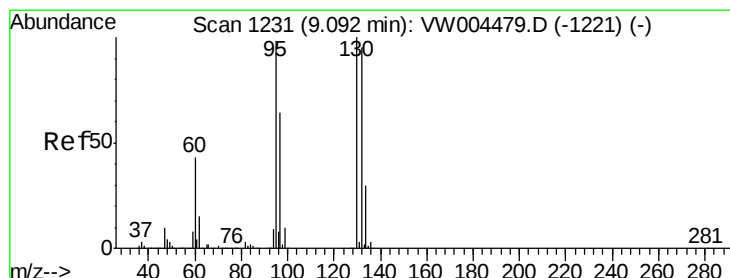
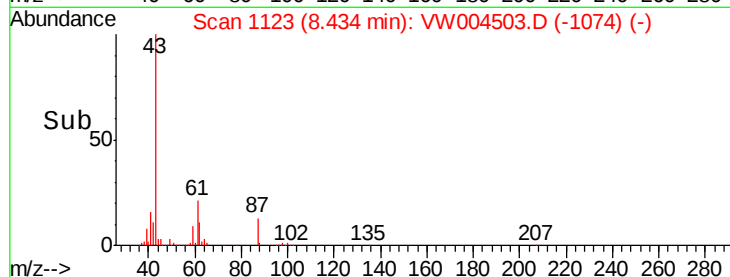
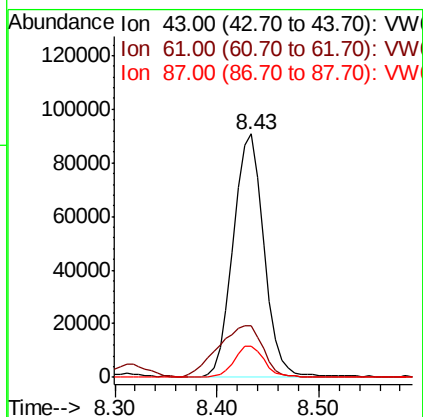
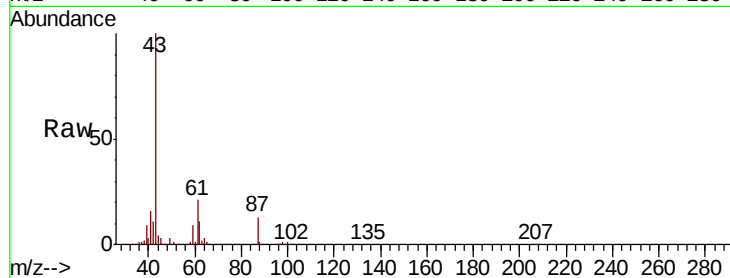
ClientSampleId :

VW0808SBS01

Tot Ion:	43	Resp:	188181
Ion	Ratio	Lower	Upper
43	100		
61	31.5	25.2	37.8
87	12.8	10.6	16.0

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#44

Trichloroethene

Concen: 19.60 ug/l

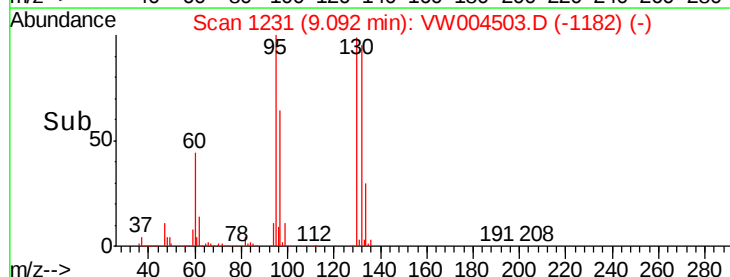
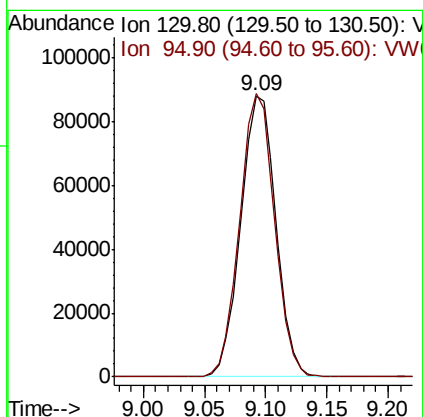
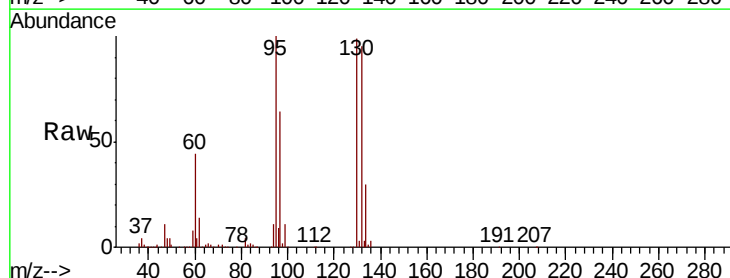
RT: 9.09 min Scan# 1231

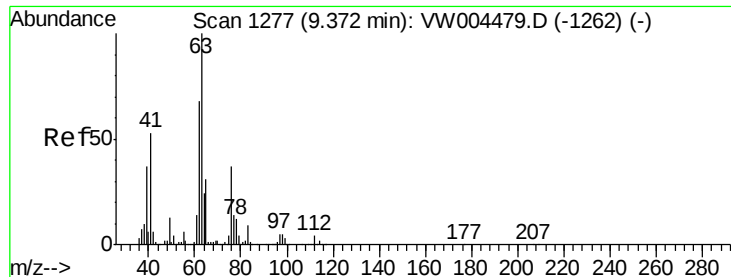
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:	130	Resp:	175685
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	196.2





#45

1,2-Dichloropropane

Concen: 20.03 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 63 Resp: 182961

Ion Ratio Lower Upper

63 100

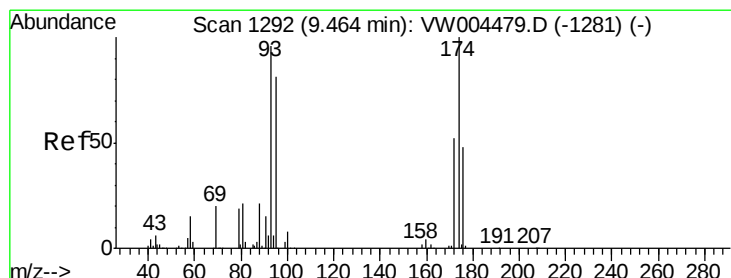
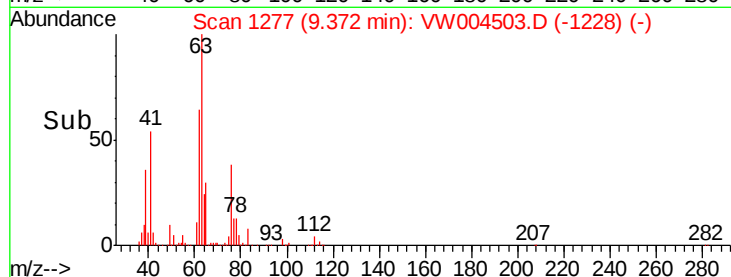
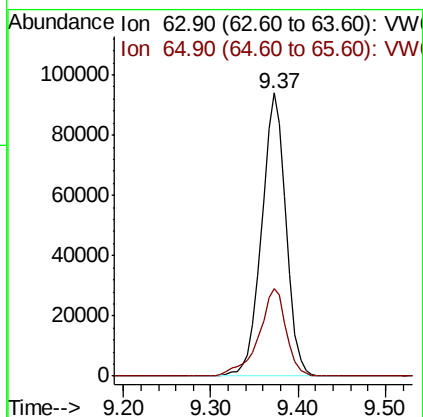
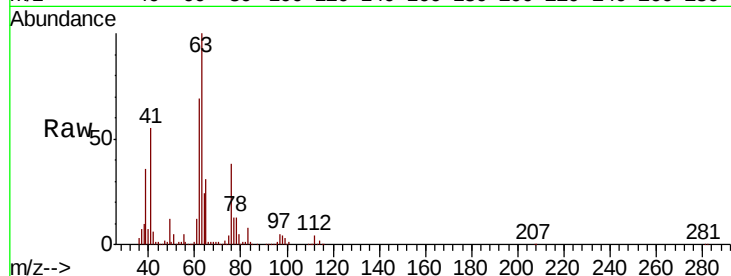
65 30.7 24.5 36.7

Manual Integrations

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#46

Dibromomethane

Concen: 19.46 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

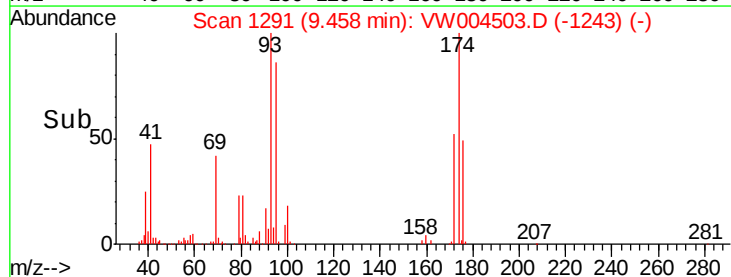
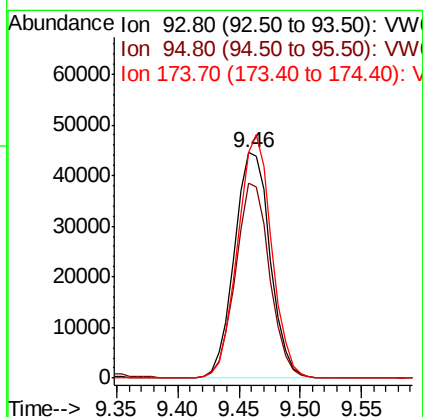
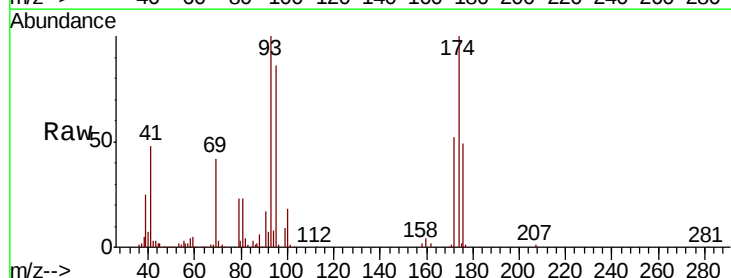
Tgt Ion: 93 Resp: 90481

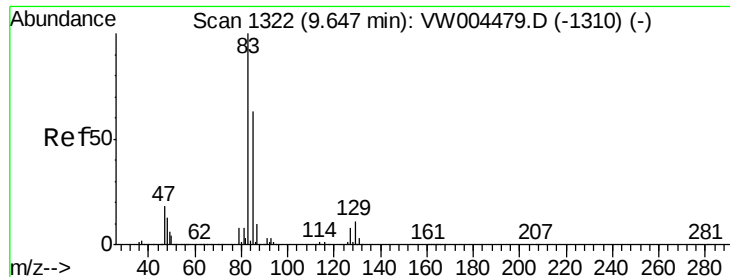
Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.4

174 102.5 80.2 120.4





#47

Bromodichloromethane

Concen: 19.67 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

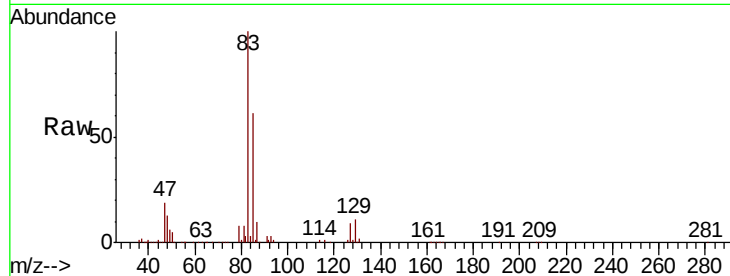
ClientSampled :

VW0808SBS01

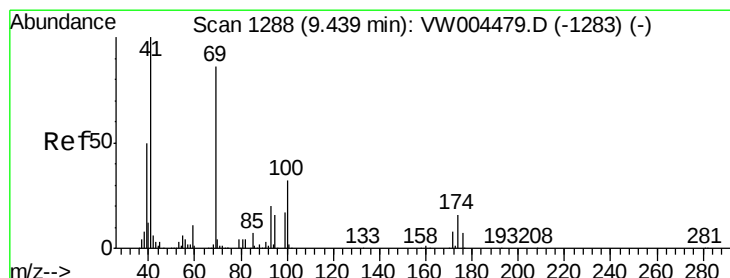
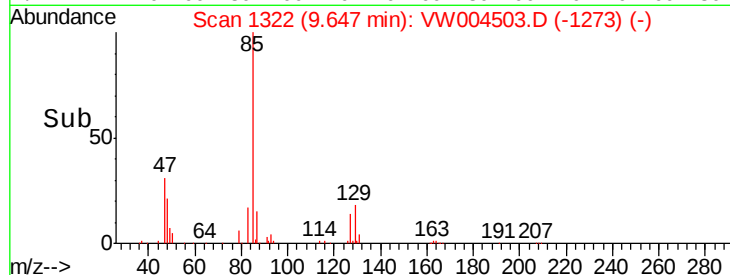
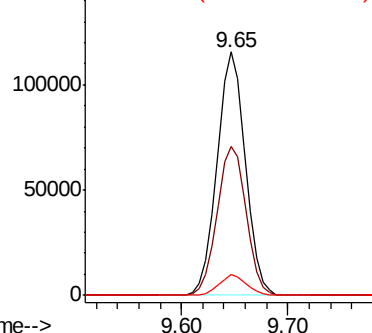
Tot Ion:	83	Resp:	215924
Ion Ratio	Lower	Upper	
83	100		
85	61.4	50.7	76.1
127	8.6	6.5	9.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.02 ug/l

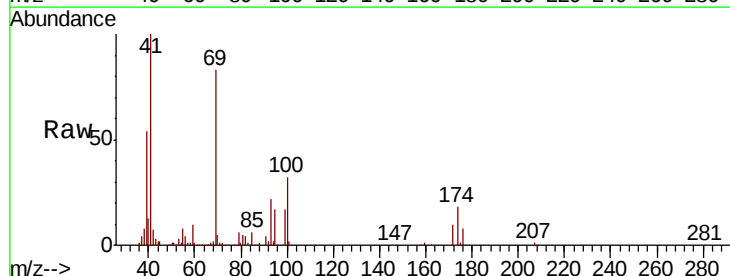
RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

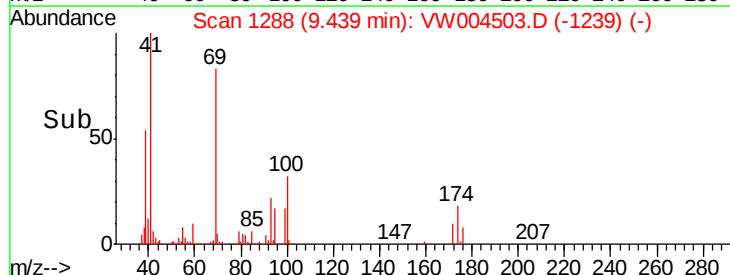
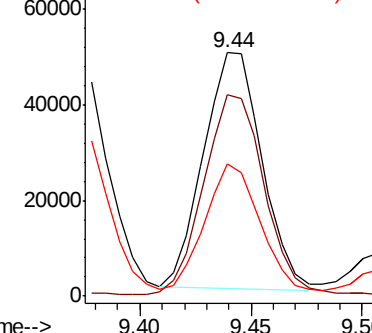
Lab File: VW004503.D

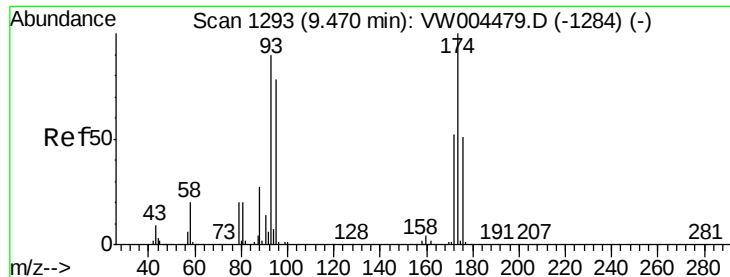
Acq: 07 Aug 2018 20:20

Tgt Ion:	41	Resp:	90145
Ion Ratio	Lower	Upper	
41	100		
69	88.5	73.2	109.8
39	50.4	40.6	60.8



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





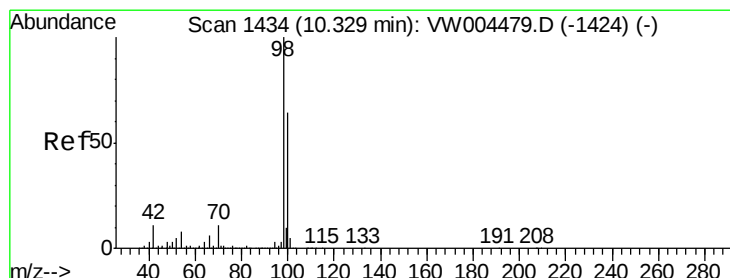
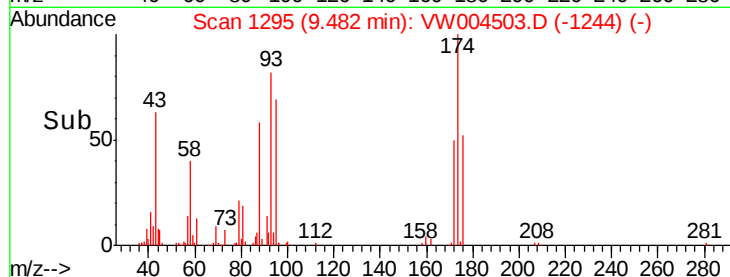
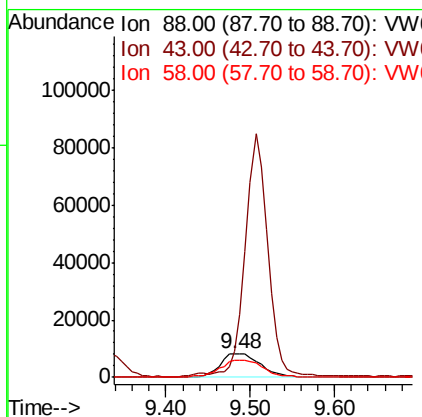
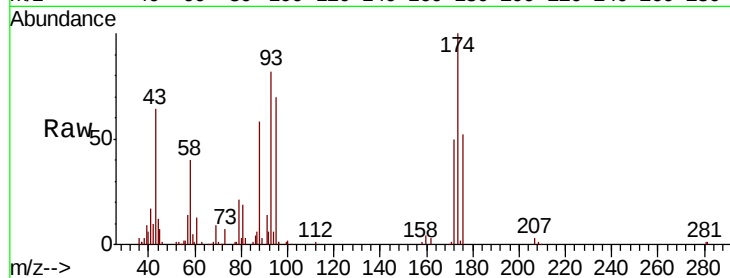
#49
1,4-Dioxane
Concen: 379.70 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	78.1	63.5	95.3

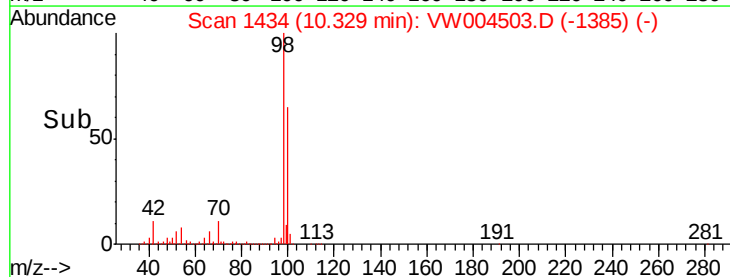
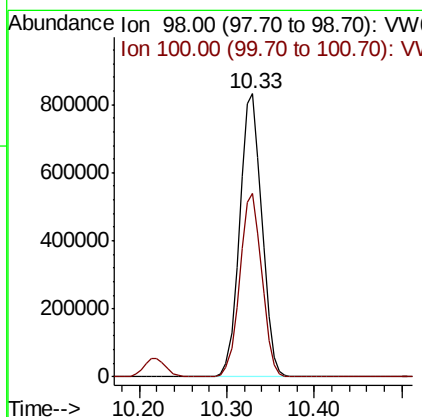
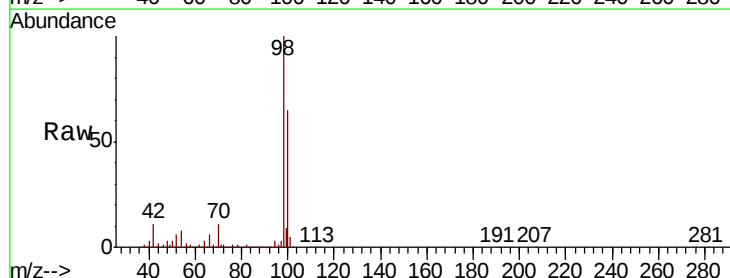
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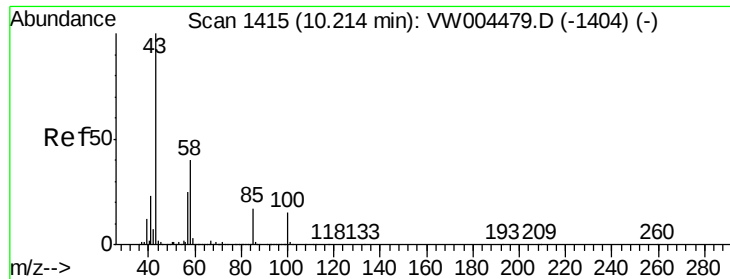
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#50
Toluene-d8
Concen: 49.95 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2





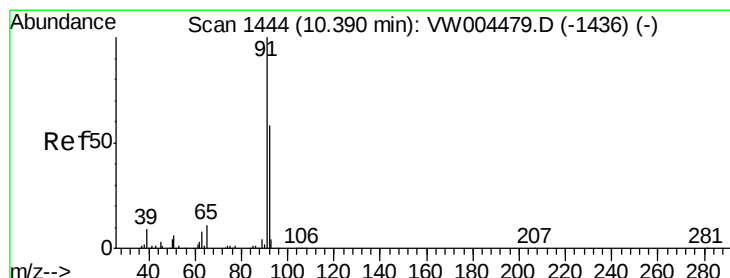
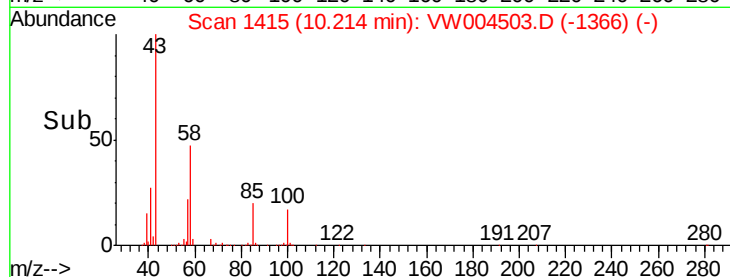
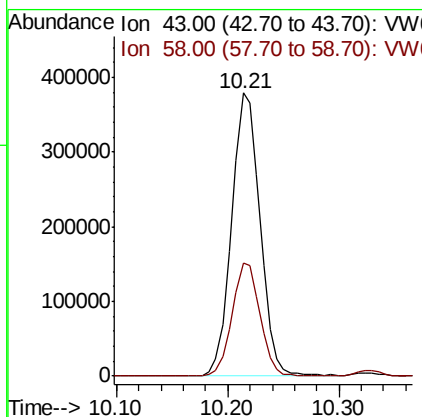
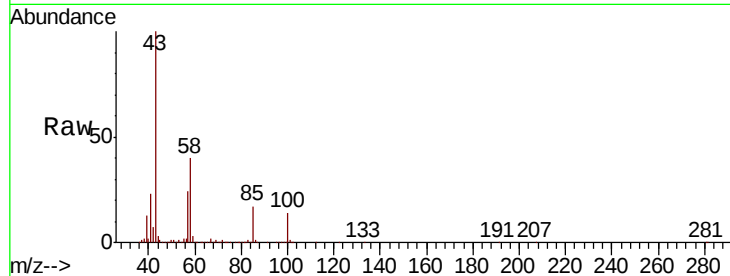
#51
4-Methyl-2-Pentanone
Concen: 94.50 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	43	Resp	666979
Ion Ratio	100	Lower	Upper
43	100		
58	39.3	31.9	47.9

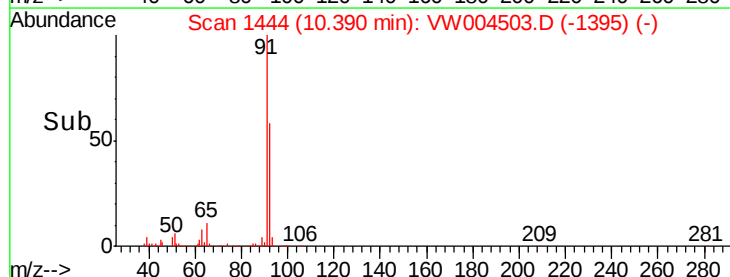
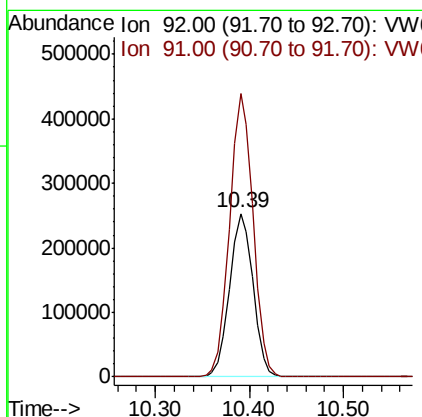
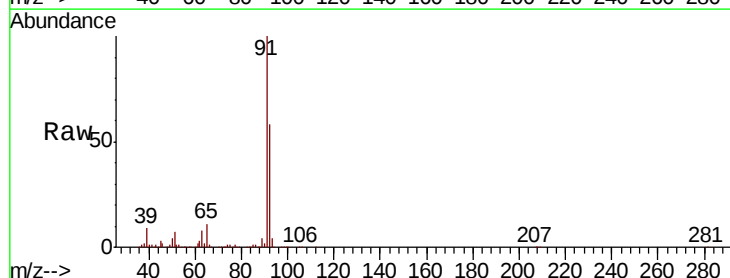
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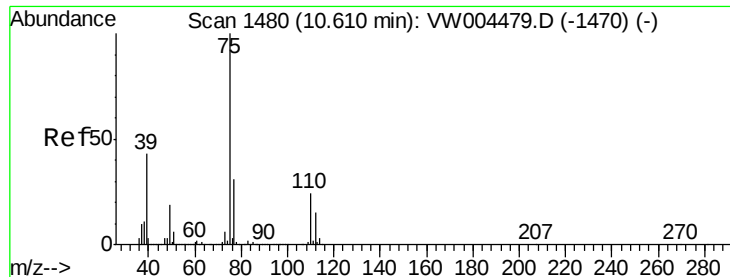
apatel
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#52
Toluene
Concen: 20.35 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	92	Resp	437707
Ion Ratio	100	Lower	Upper
92	100		
91	172.9	137.9	206.9





#53

t-1,3-Dichloropropene

Concen: 18.91 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampled :

VW0808SBS01

Tot Ion: 75 Resp: 208370

Ion Ratio Lower Upper

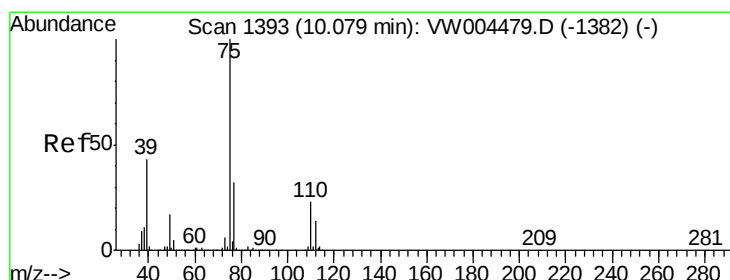
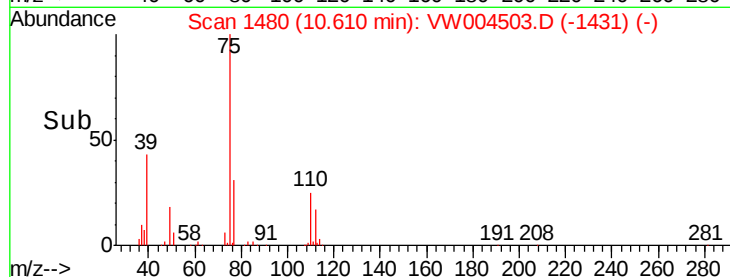
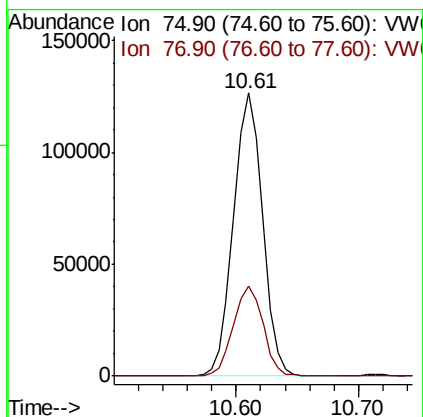
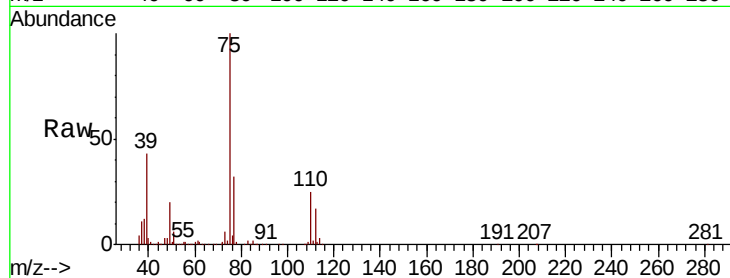
75 100

77 31.6 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 19.43 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

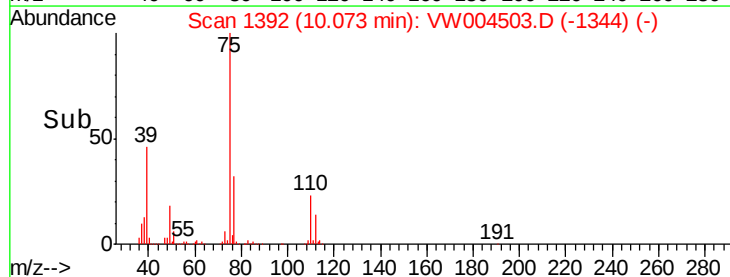
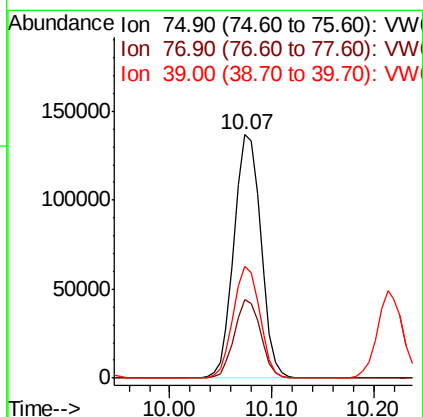
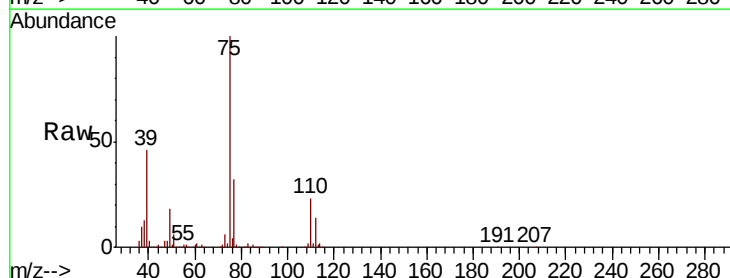
Tgt Ion: 75 Resp: 249589

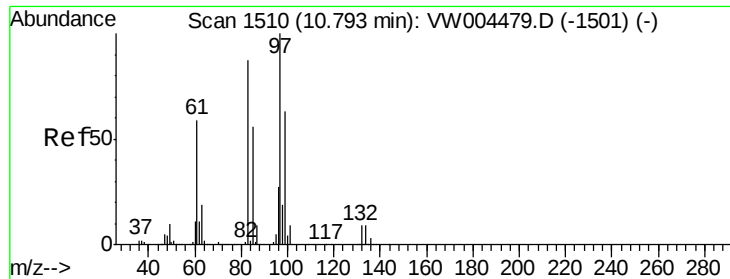
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 45.8 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 19.42 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

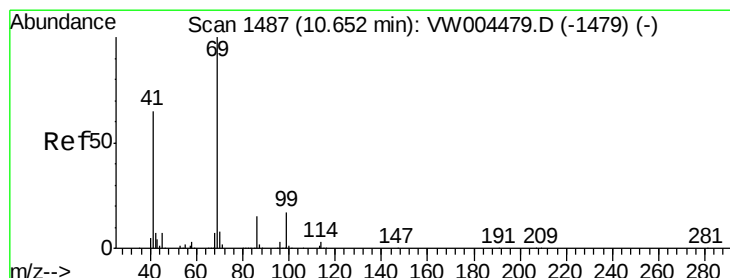
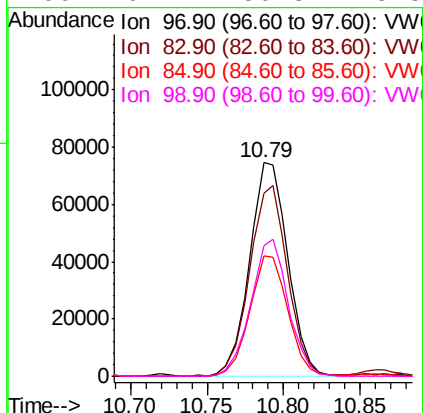
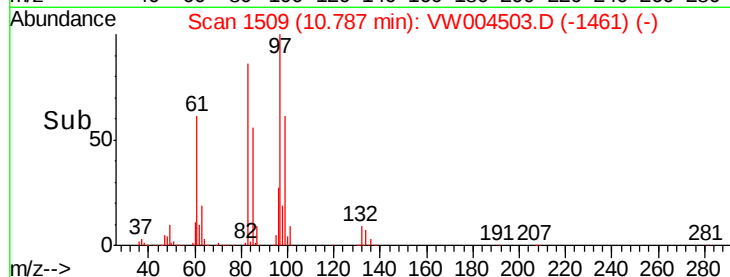
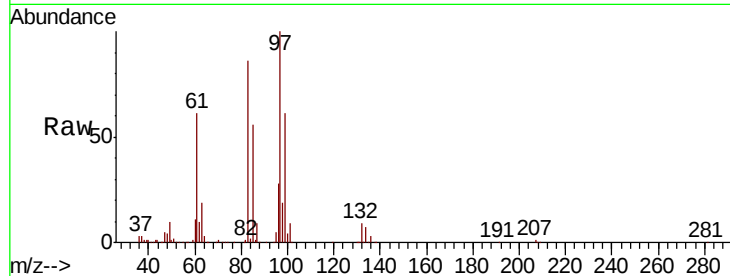
ClientSampleId :

VW0808SBS01

Tot Ion:	97	Resp:	129455
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.8	104.8
85	56.2	45.1	67.7
99	61.2	50.3	75.5

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#56

Ethyl methacrylate

Concen: 18.45 ug/l

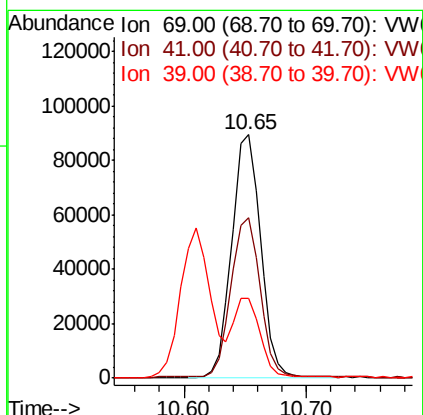
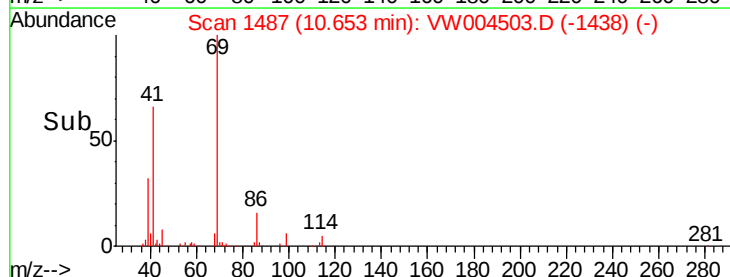
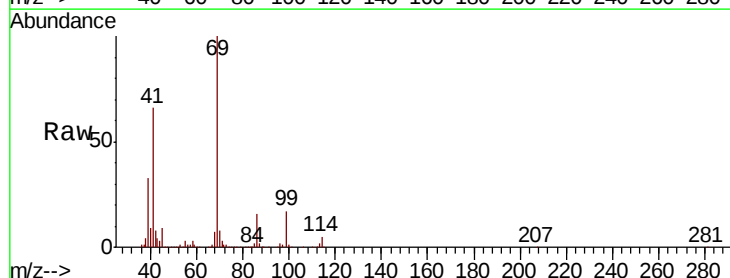
RT: 10.65 min Scan# 1487

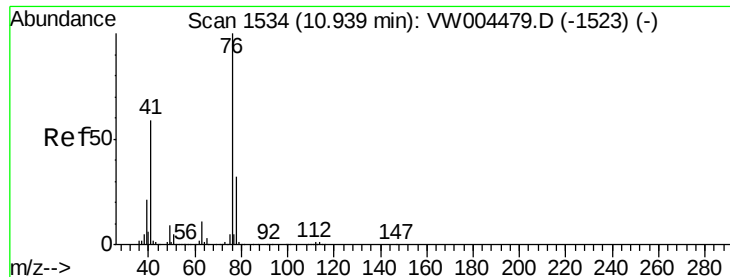
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:	69	Resp:	147253
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.4	78.6
39	29.4	22.7	34.1





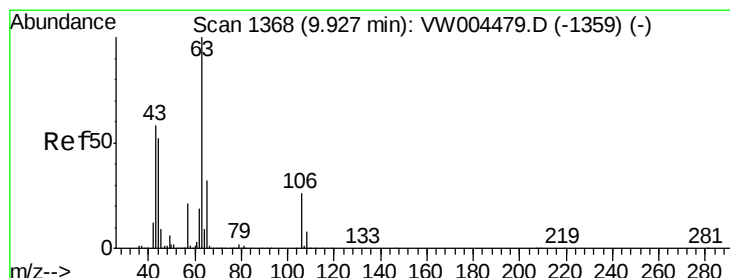
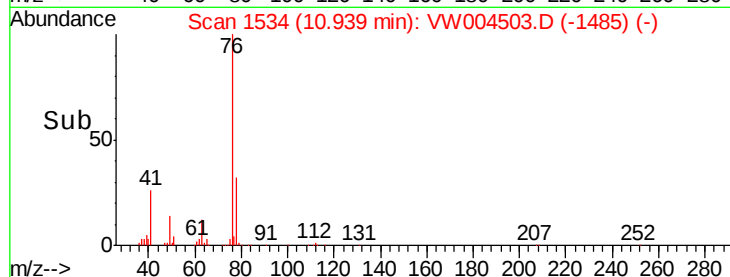
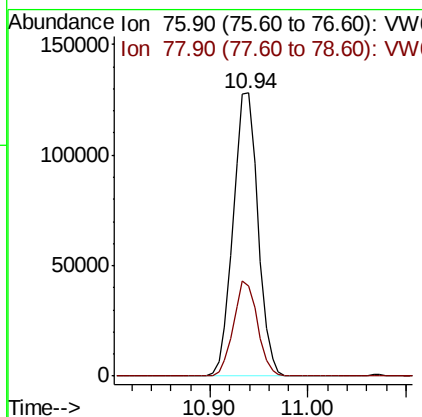
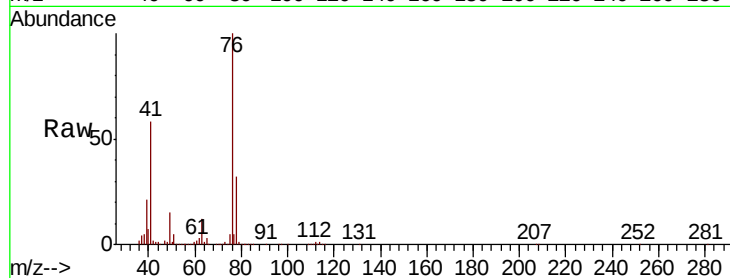
#57
 1,3-Dichloropropane
 Concen: 19.67 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.7	38.5

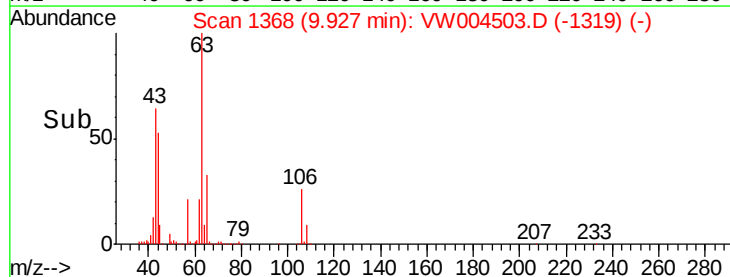
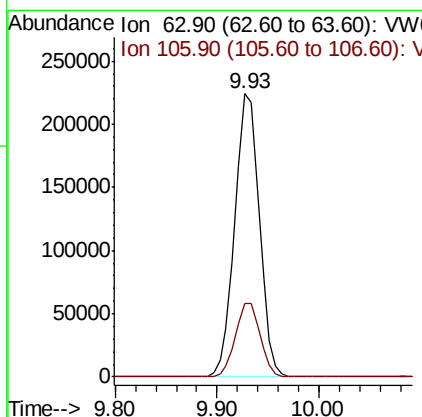
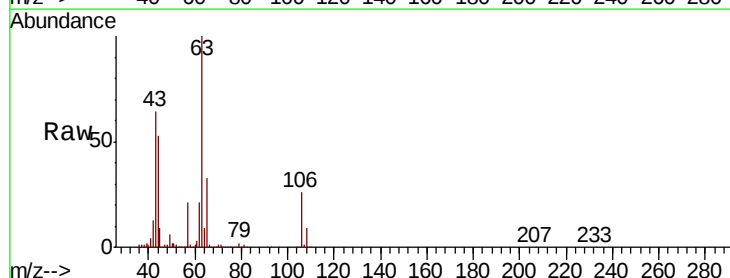
Manual Integrations
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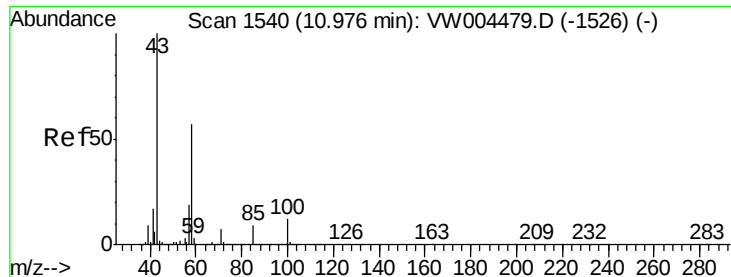
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.85 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.3	21.3	31.9





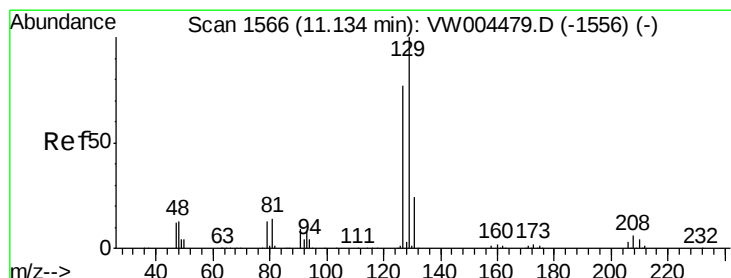
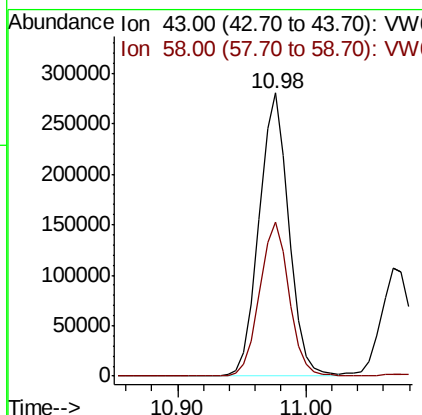
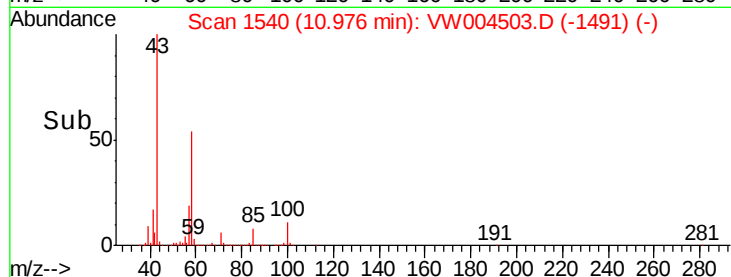
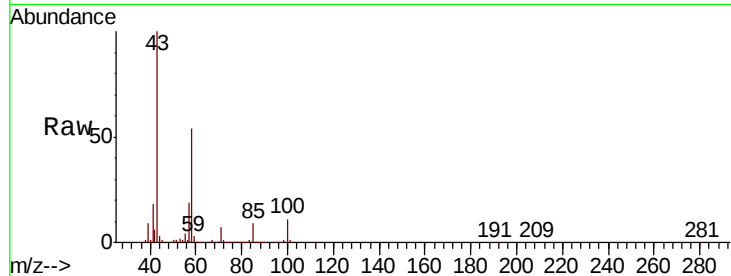
#59
2-Hexanone
Concen: 93.10 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion: 43 Resp: 445511
Ion Ratio Lower Upper
43 100
58 54.2 27.9 83.6

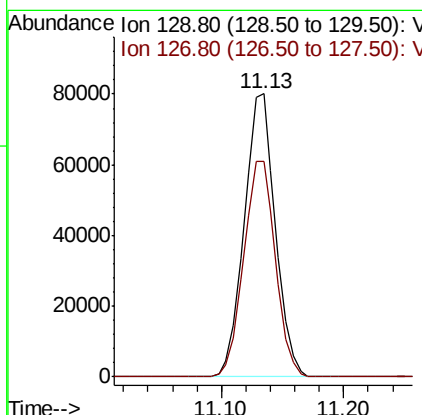
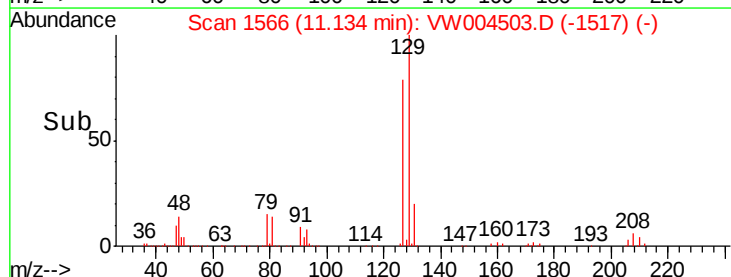
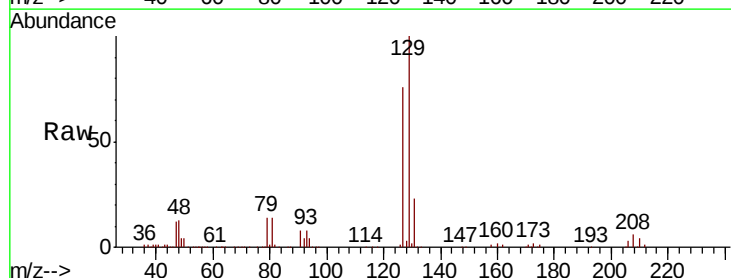
Manual Integrations
APPROVED

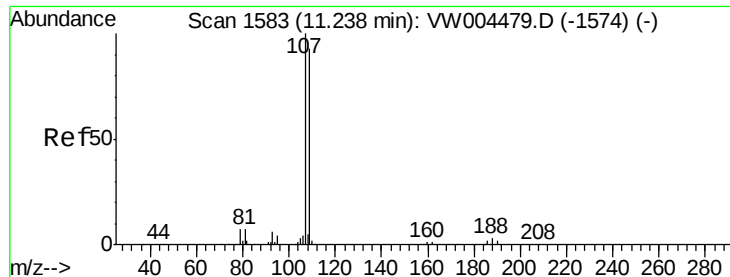
apatel
8/8/2018 2:24:32 PM



#60
Dibromochloromethane
Concen: 19.50 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion: 129 Resp: 141358
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.63 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion: 107 Resp: 122938

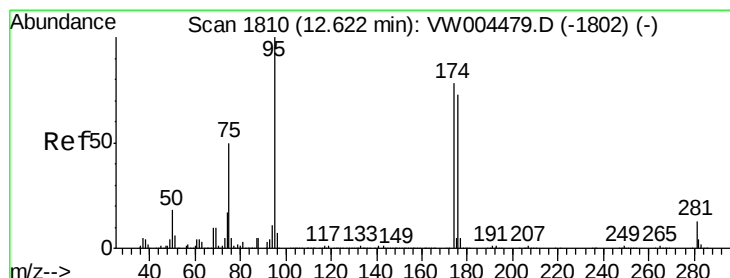
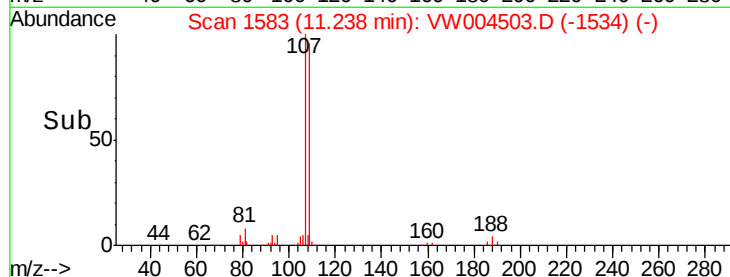
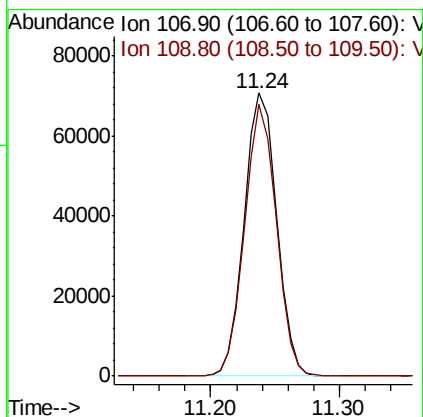
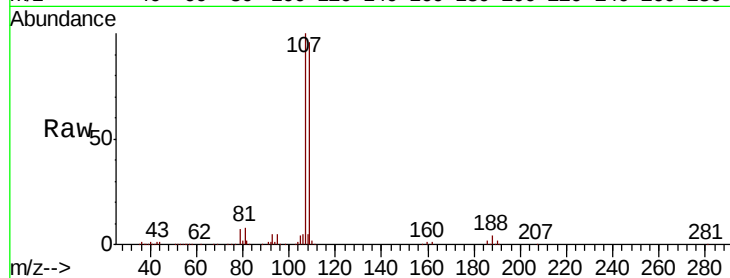
Ion Ratio Lower Upper

107 100

109 94.0 75.7 113.5

Manual Integrations
APPROVED

apatel
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#62

4-Bromofluorobenzene

Concen: 50.18 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

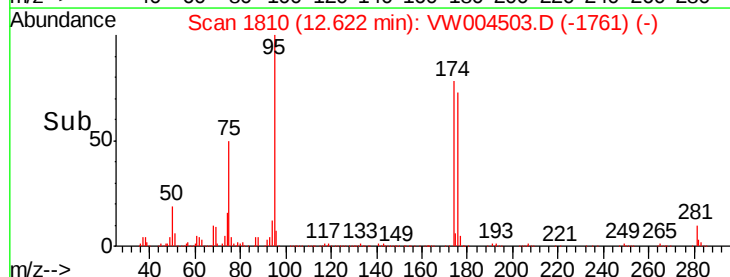
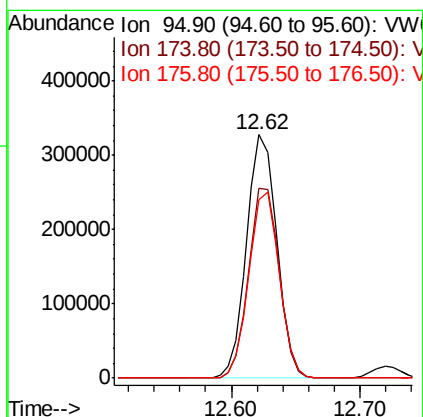
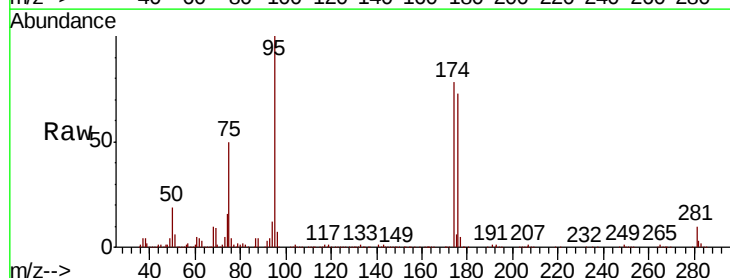
Tgt Ion: 95 Resp: 530057

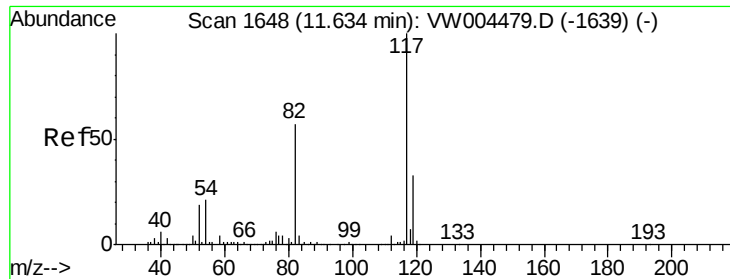
Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.4

176 76.6 0.0 153.2





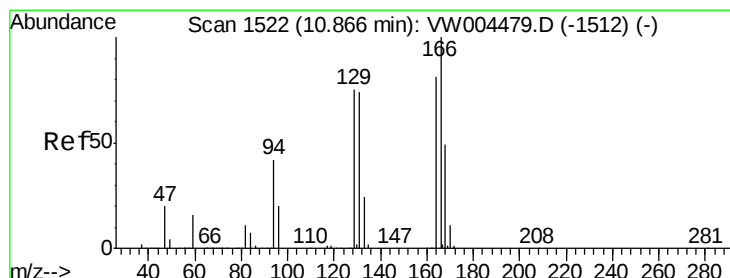
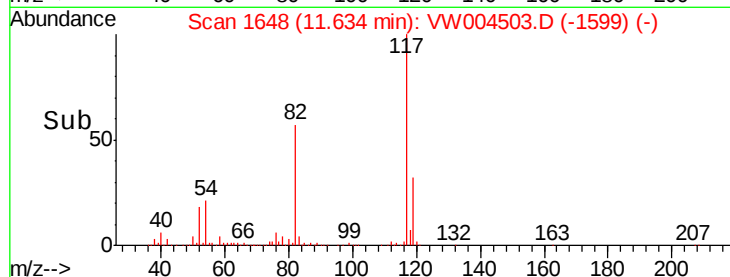
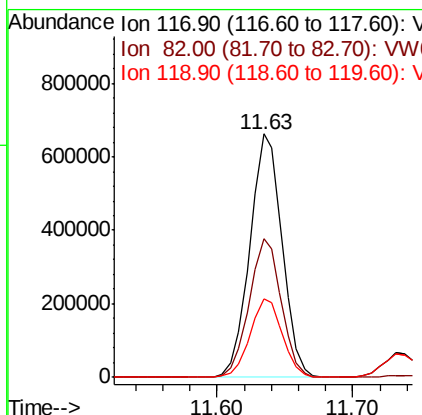
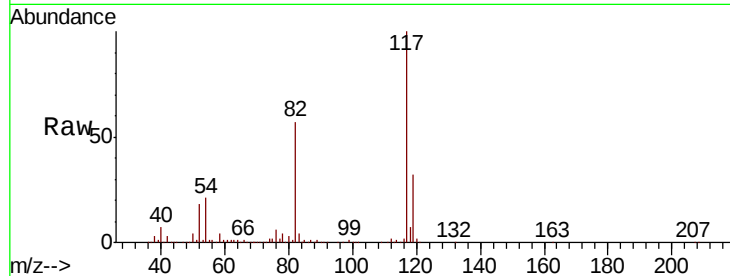
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.3	67.9
119	32.1	26.2	39.4

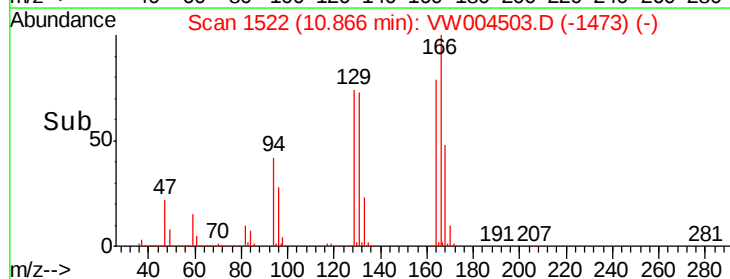
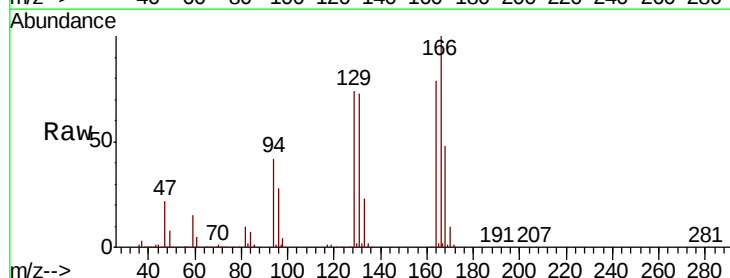
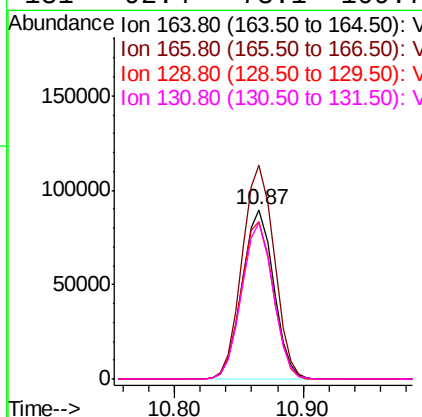
Manual Integrations
APPROVED

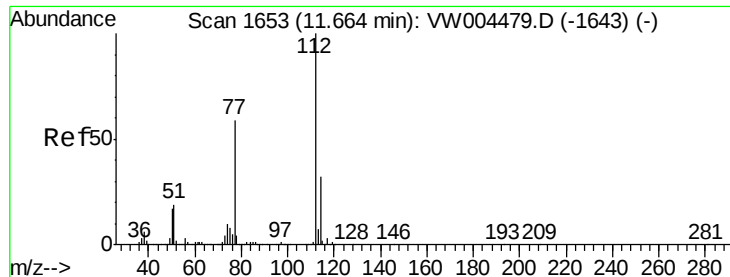
apatel
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#64
Tetrachloroethene
Concen: 19.80 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	98.4	147.6
129	93.4	73.6	110.4
131	92.4	73.1	109.7





#65

Chlorobenzene

Concen: 19.72 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion:112 Resp: 477687

Ion Ratio Lower Upper

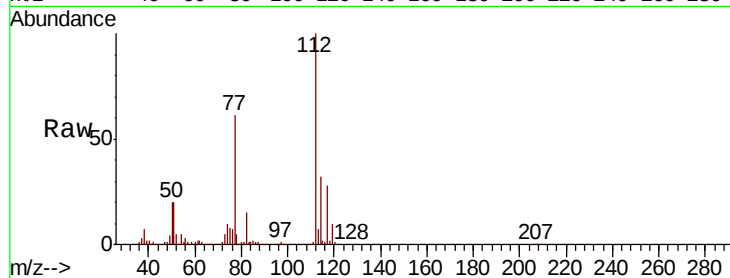
112 100

114 31.9 26.0 39.0

Manual Integrations
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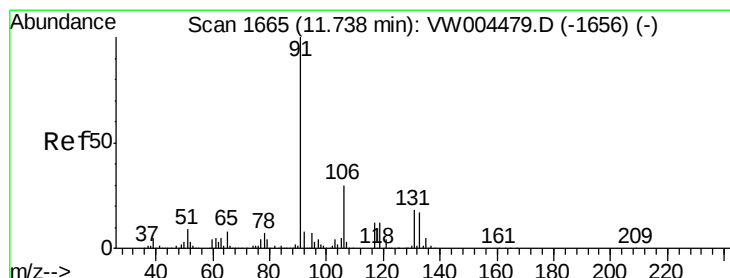
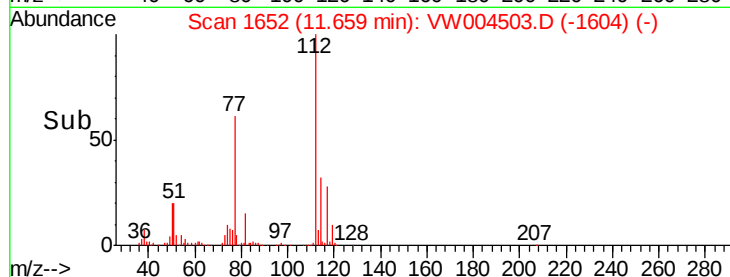
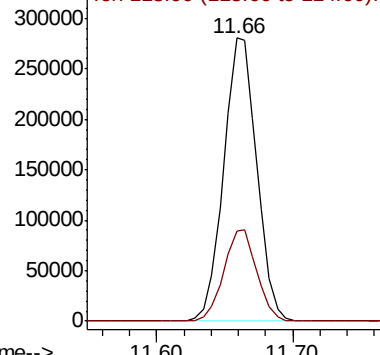
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.45 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

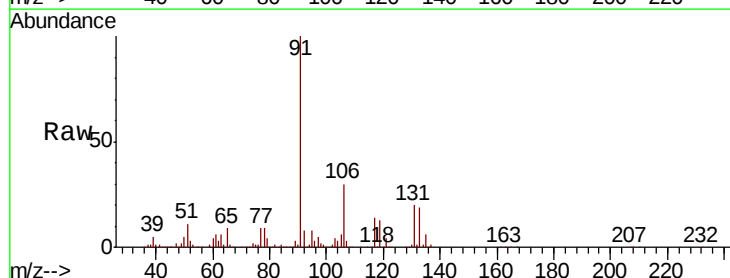
Tgt Ion:131 Resp: 160448

Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

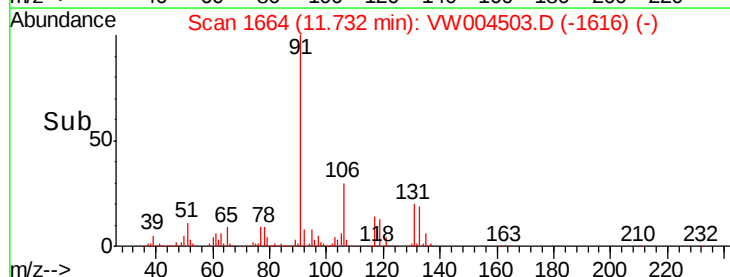
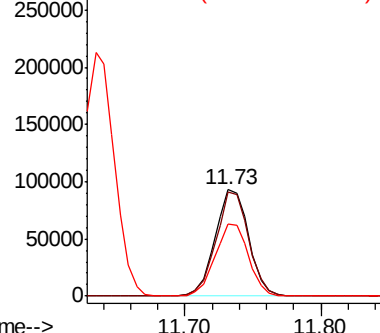
119 67.4 33.9 101.7

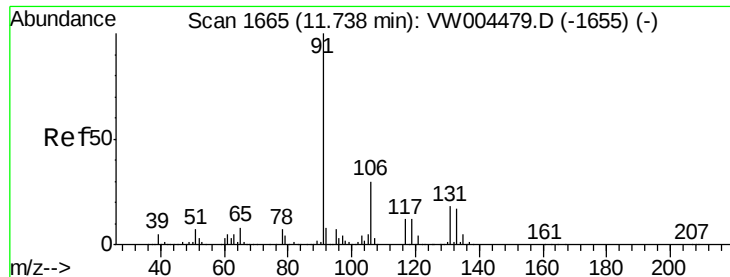


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





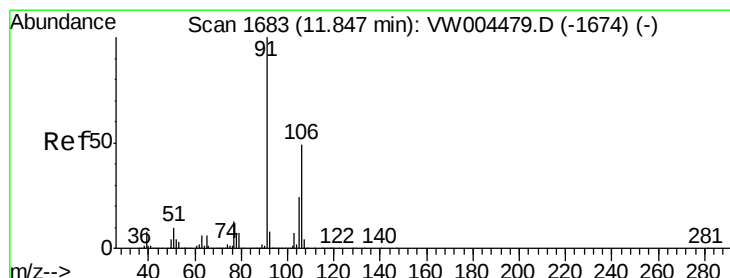
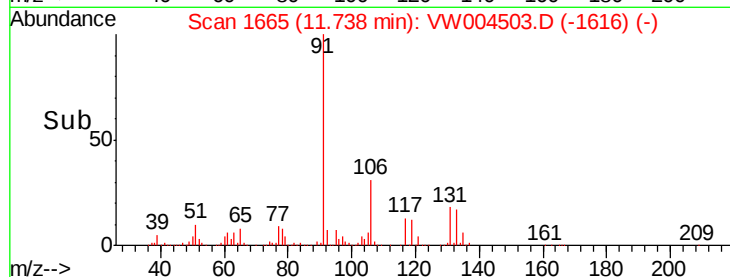
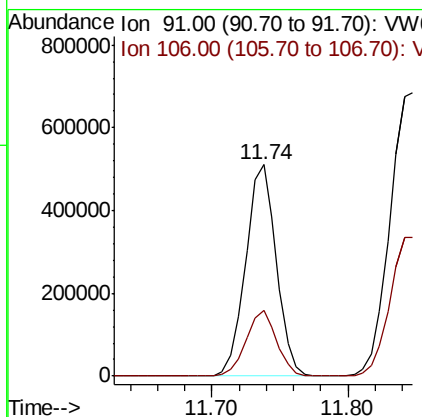
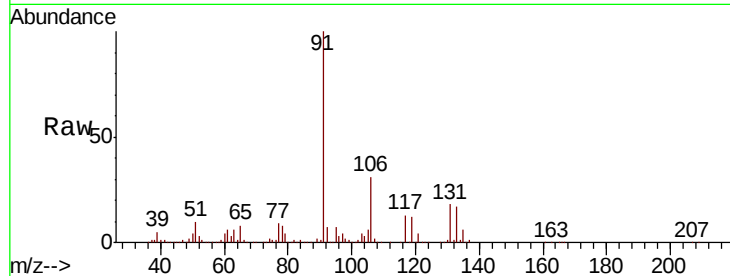
#67
Ethyl Benzene
Concen: 19.58 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.2	36.2

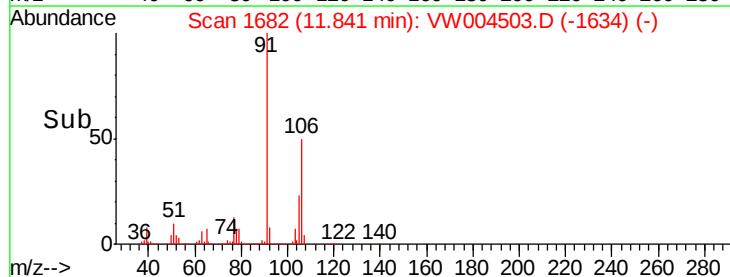
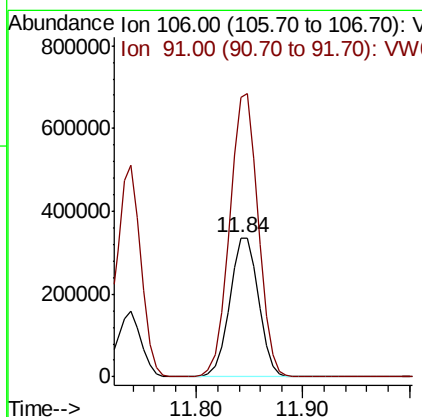
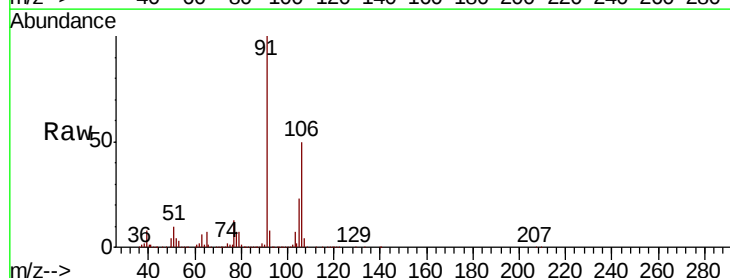
Manual Integrations
APPROVED

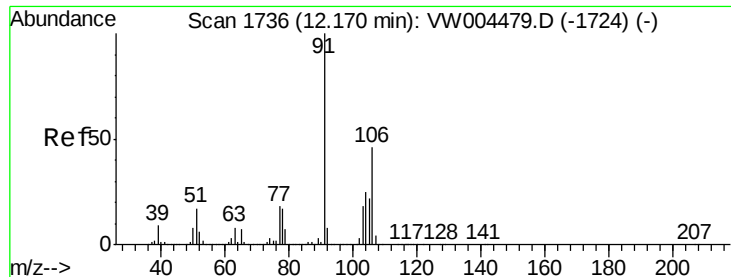
apatel
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#68
m/p-Xylenes
Concen: 40.04 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.2	162.8	244.2





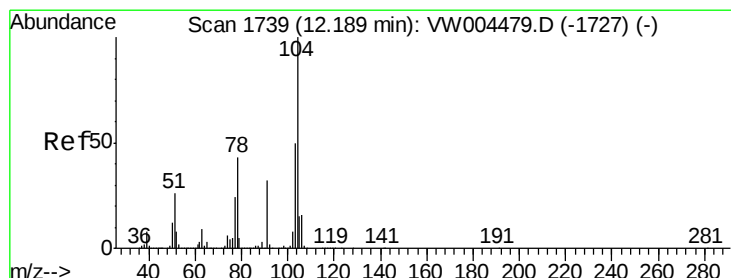
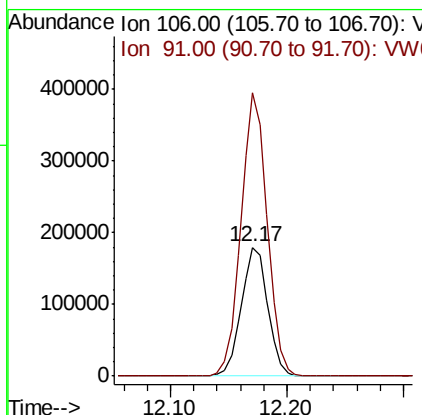
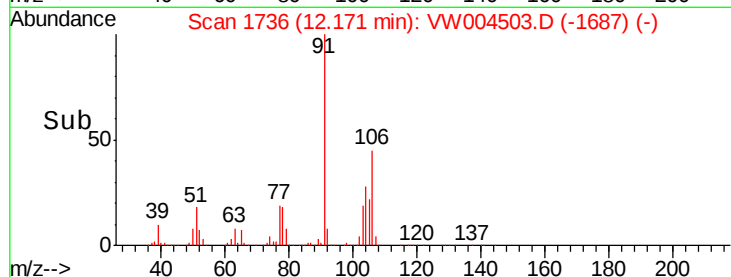
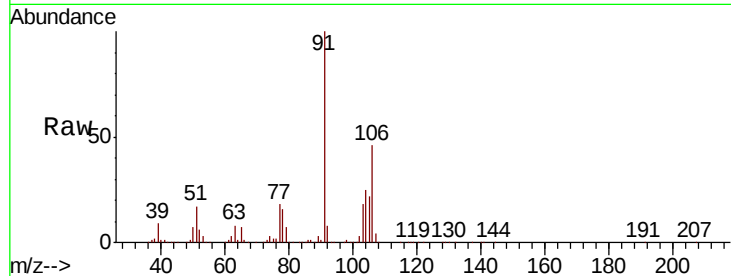
#69
o-Xylene
Concen: 19.39 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

Tot Ion:106 Resp: 285364
Ion Ratio Lower Upper
106 100
91 217.1 106.7 320.2

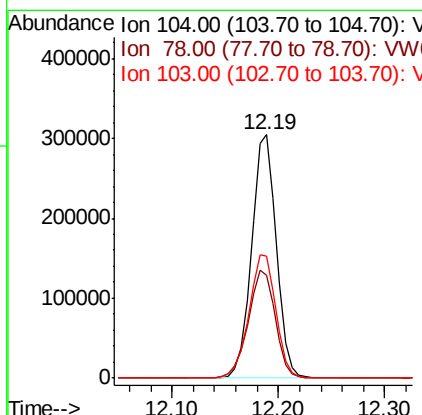
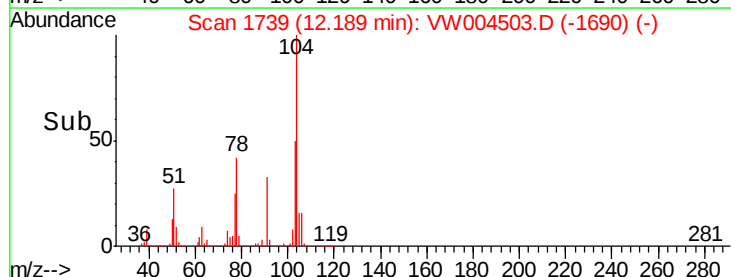
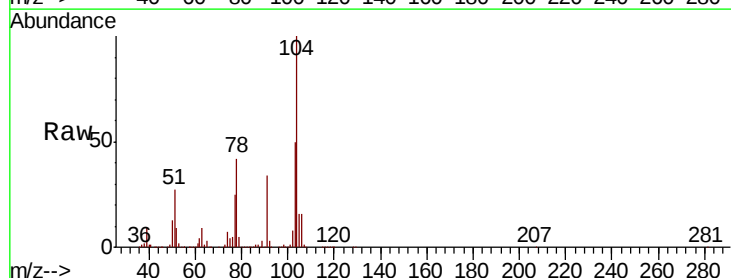
Manual Integrations
APPROVED

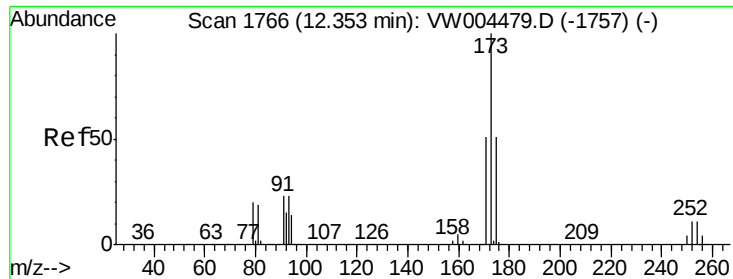
apatel
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#70
Styrene
Concen: 19.93 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion:104 Resp: 495723
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 55.5 44.2 66.2





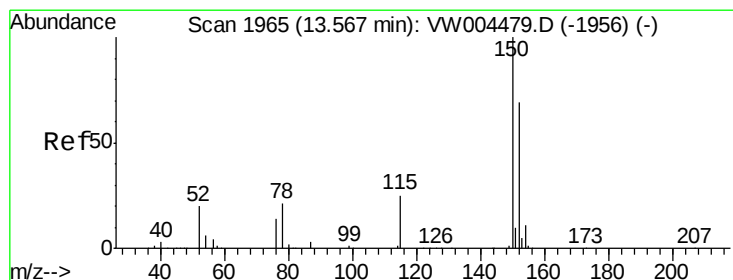
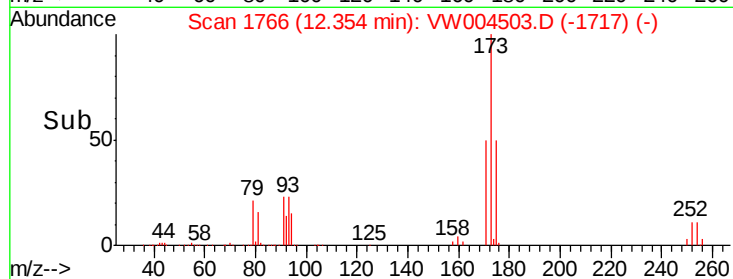
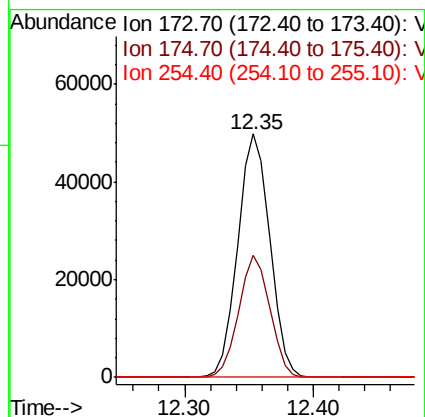
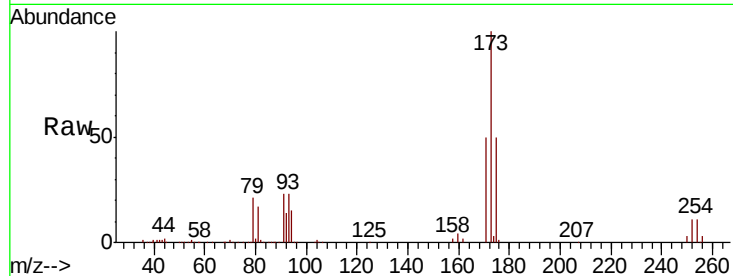
#71
Bromoform
Concen: 18.92 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.5	73.5
254	0.1	0.2	0.2#

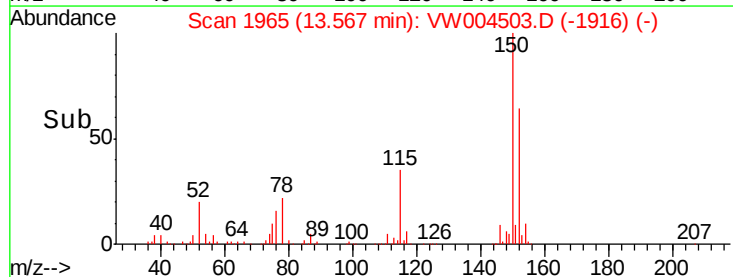
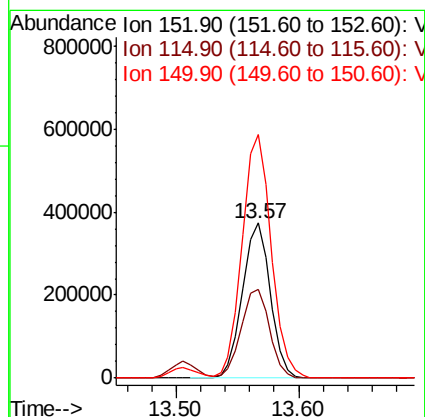
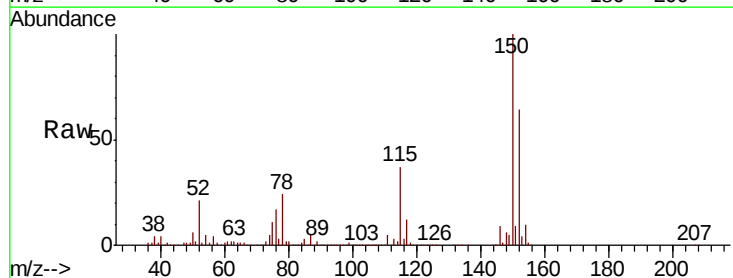
Manual Integrations
APPROVED

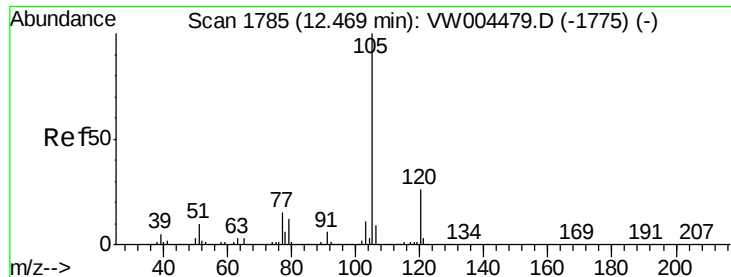
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.1	87.3
150	164.2	0.0	349.6





#73

Isopropylbenzene

Concen: 19.32 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampled :

VW0808SBS01

Tot Ion:105 Resp: 789136

Ion Ratio Lower Upper

105 100

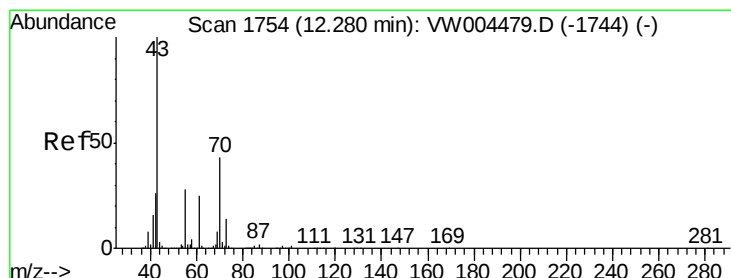
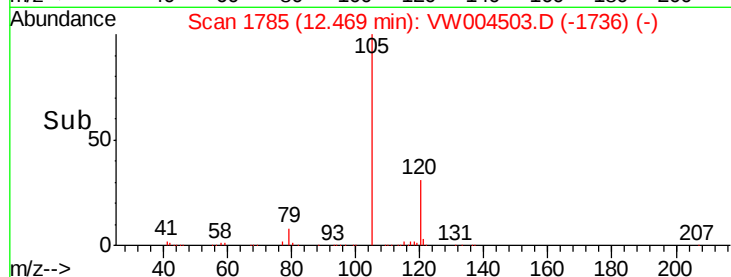
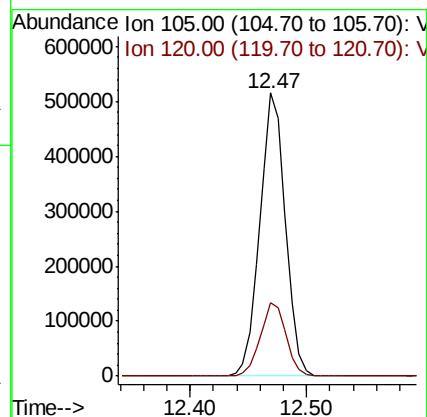
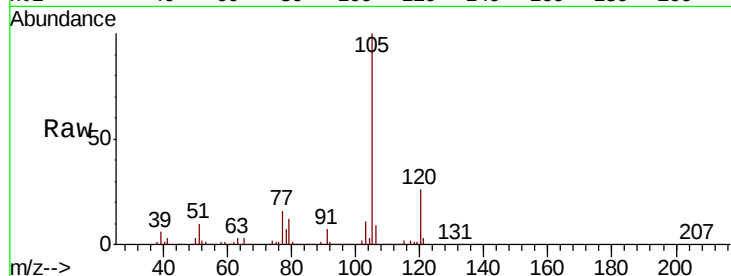
120 26.2 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.21 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion: 43 Resp: 180368

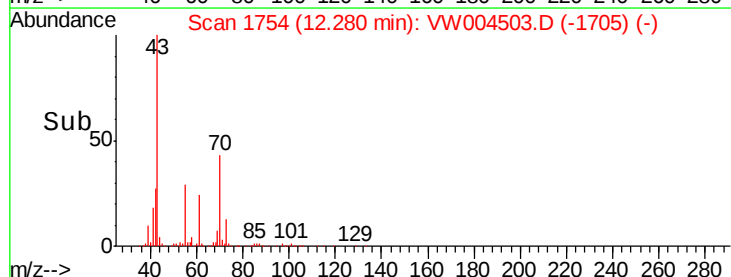
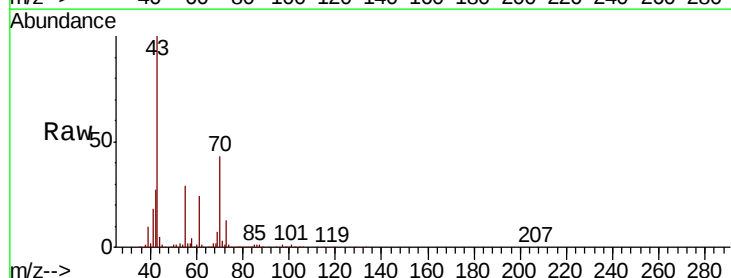
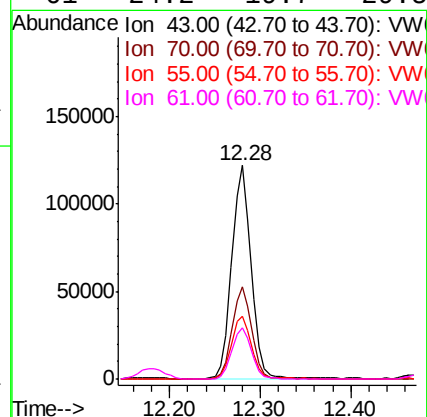
Ion Ratio Lower Upper

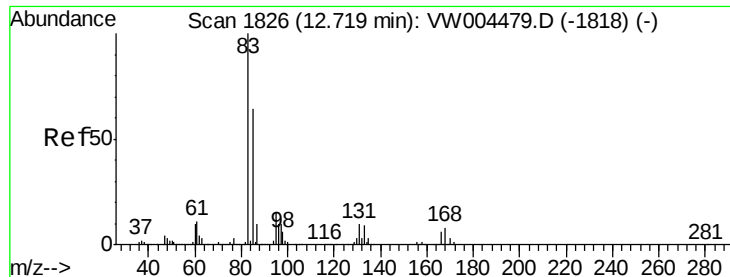
43 100

70 43.4 35.3 52.9

55 31.2 22.9 34.3

61 24.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.18 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

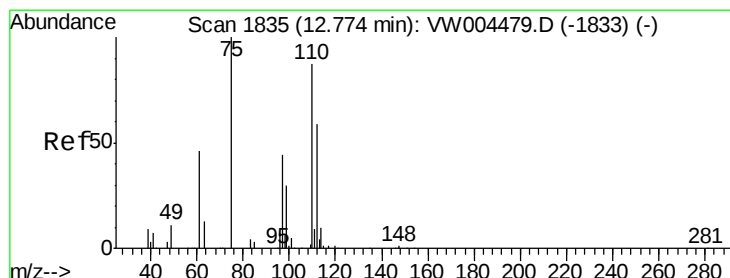
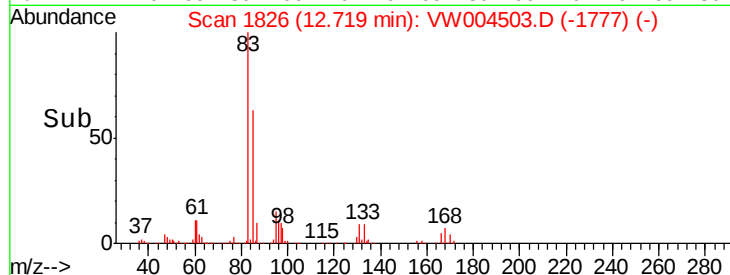
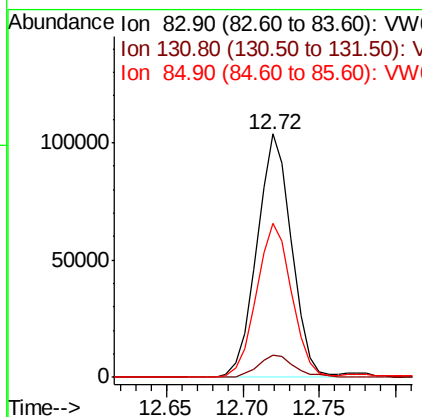
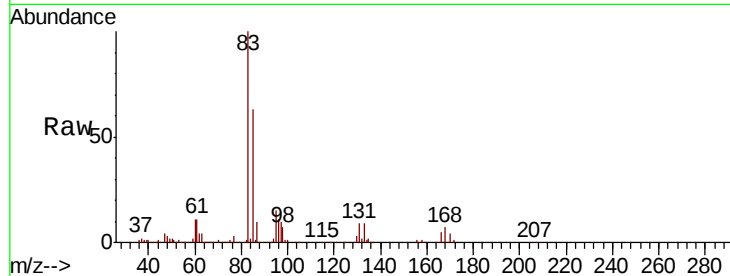
ClientSampled :

VW0808SBS01

Tot Ion:	83	Resp:	163557
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	64.5	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.29 ug/l m

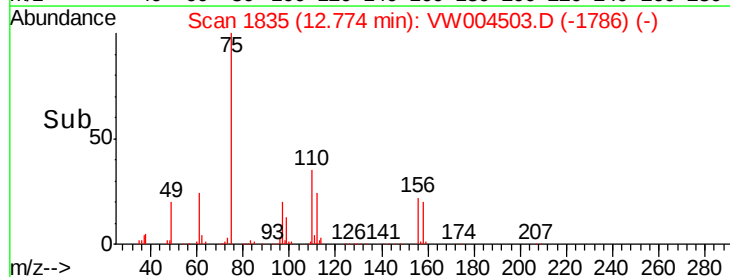
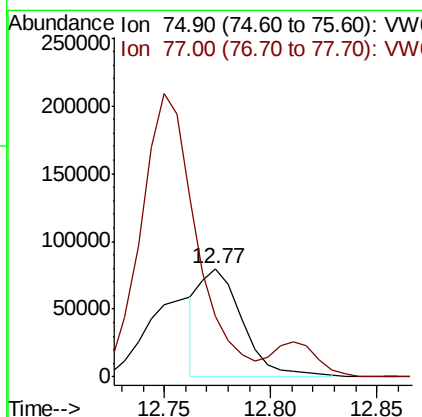
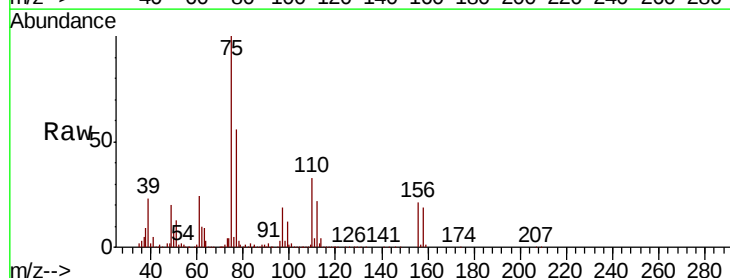
RT: 12.77 min Scan# 1835

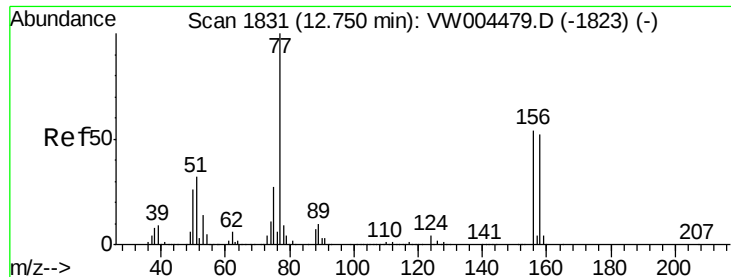
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:	75	Resp:	111803
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





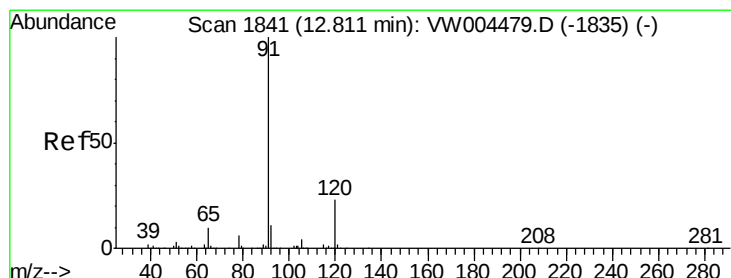
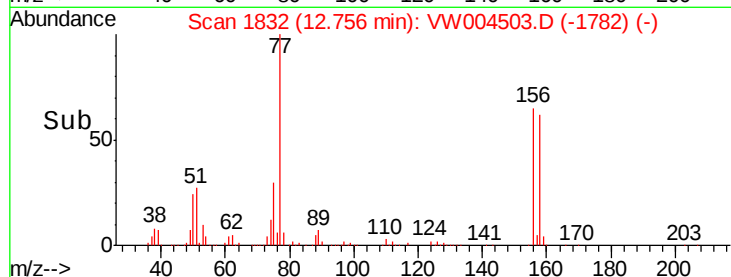
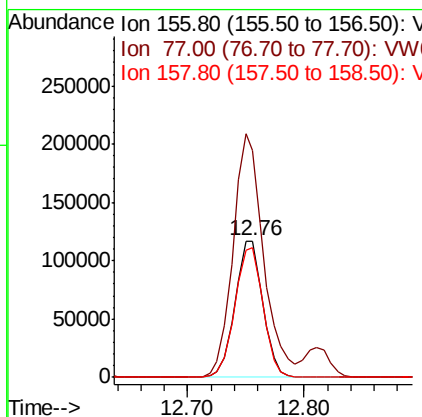
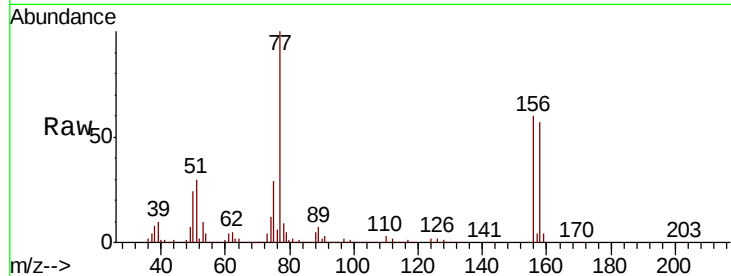
#77
Bromobenzene
Concen: 19.65 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	195.5	98.7	296.1	
158	96.6	48.7	146.1	

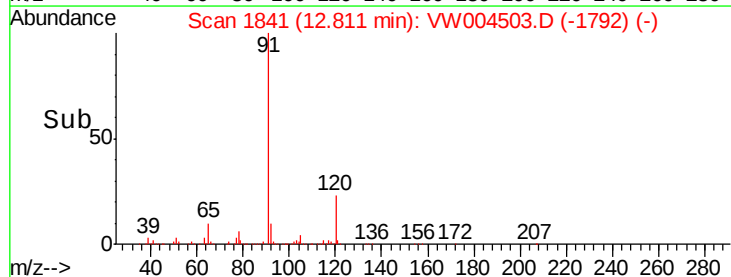
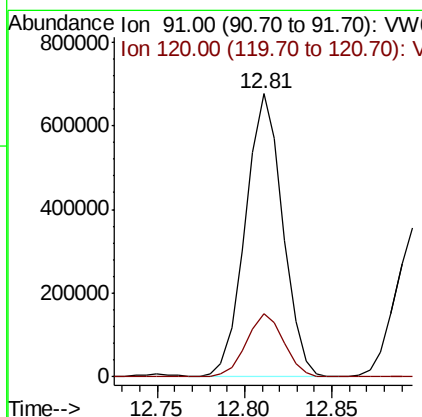
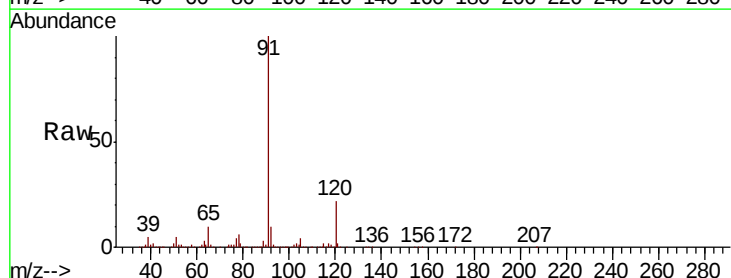
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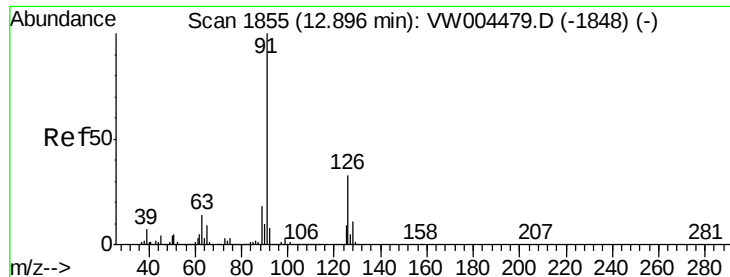
apatel
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#78
n-propylbenzene
Concen: 19.85 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.5	11.3	33.9	





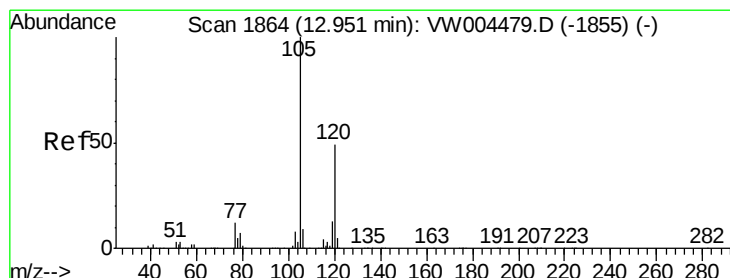
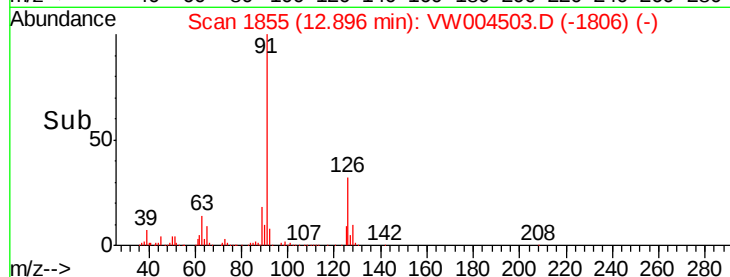
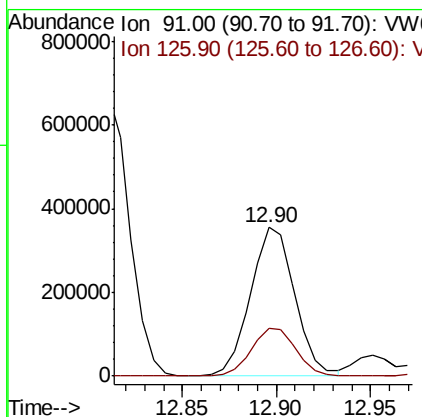
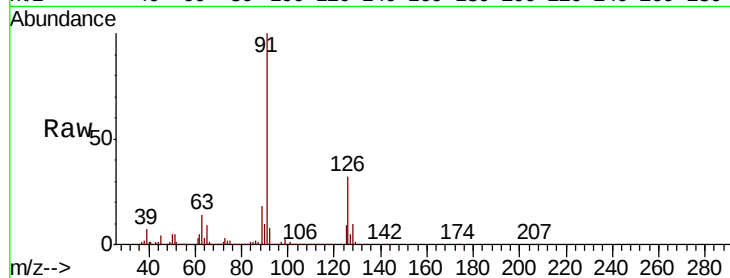
#79
 2-Chlorotoluene
 Concen: 19.84 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.6	49.8

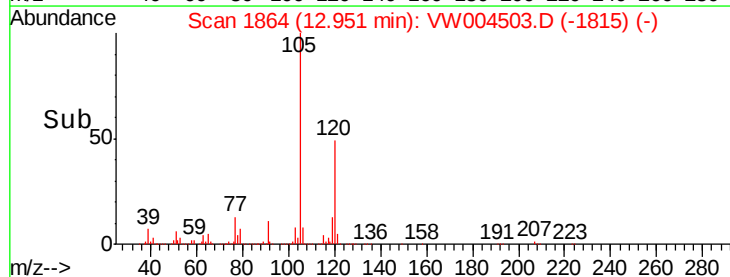
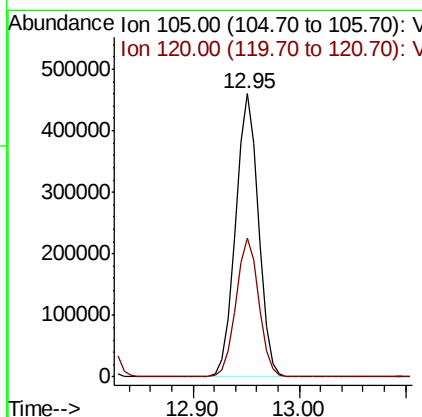
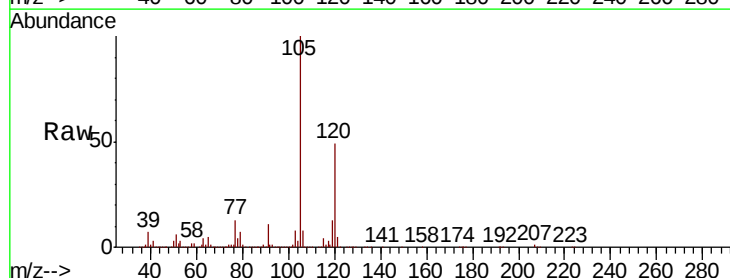
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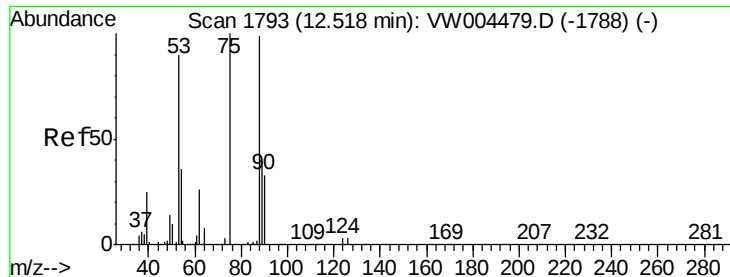
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.89 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.6	73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.56 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

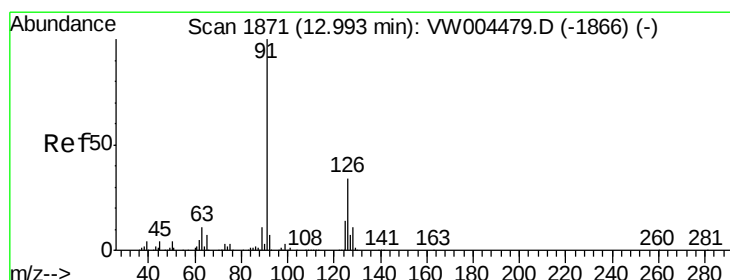
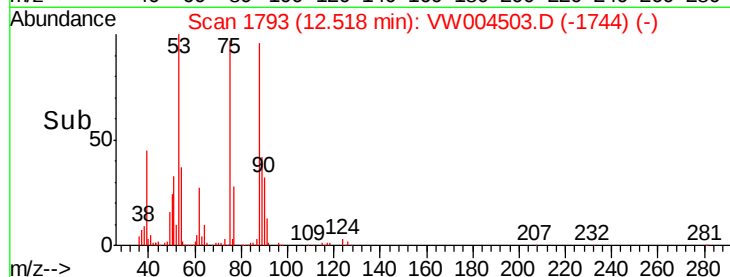
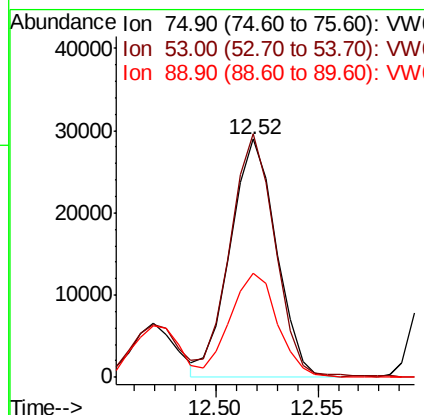
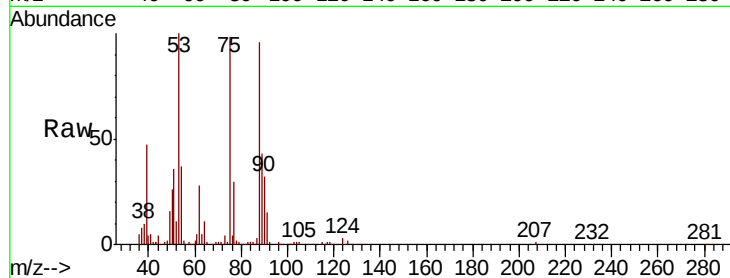
ClientSampleId :

VW0808SBS01

Tot Ion:	75	Resp:	44829
Ion	Ratio	Lower	Upper
75	100		
53	101.7	74.4	111.6
89	45.4	35.9	53.9

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#82

4-Chlorotoluene

Concen: 20.14 ug/l

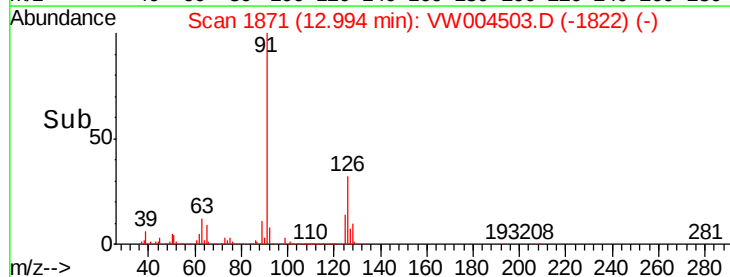
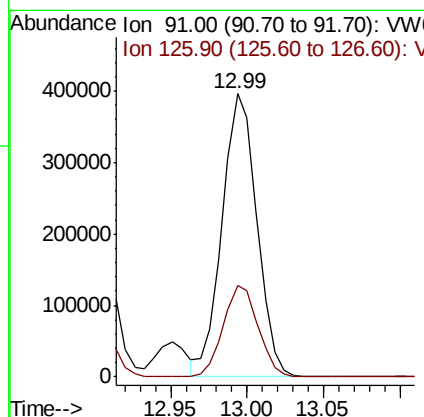
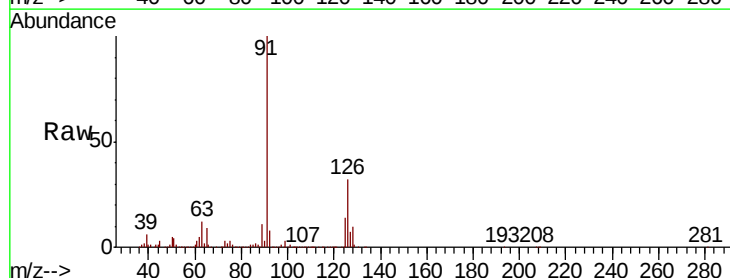
RT: 12.99 min Scan# 1871

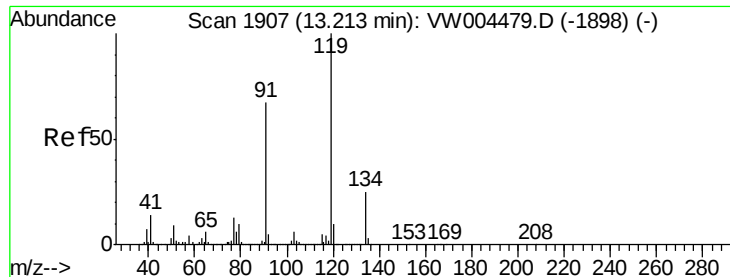
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:	91	Resp:	623434
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.5	49.5





#83

tert-Butylbenzene

Concen: 19.29 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

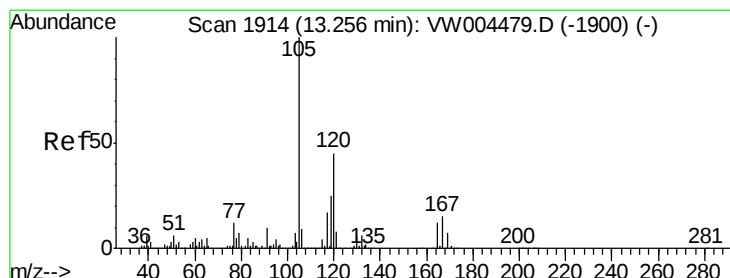
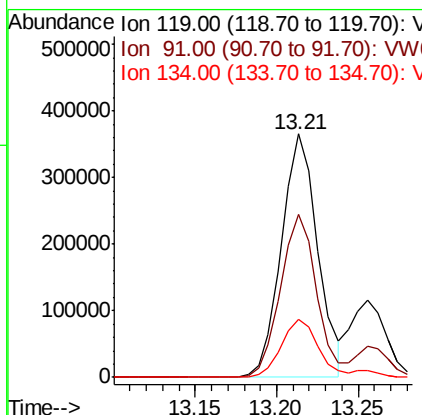
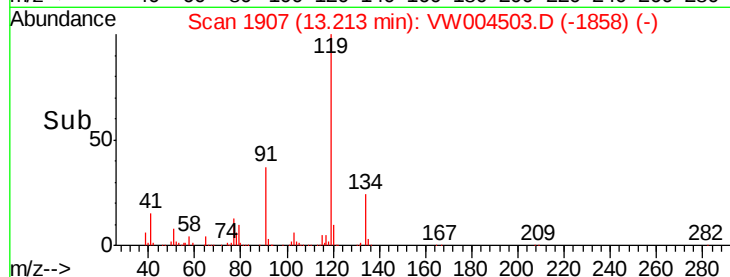
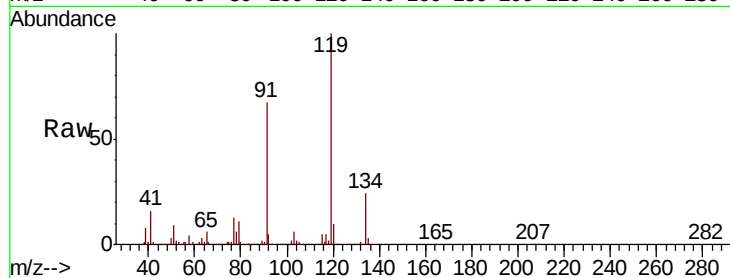
ClientSampleId :

VW0808SBS01

Tot Ion:	119	Resp:	563703
Ion Ratio	Lower	Upper	
119	100		
91	67.0	33.3	99.8
134	24.3	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 20.13 ug/l

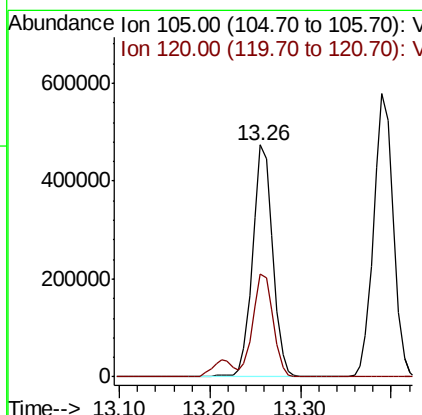
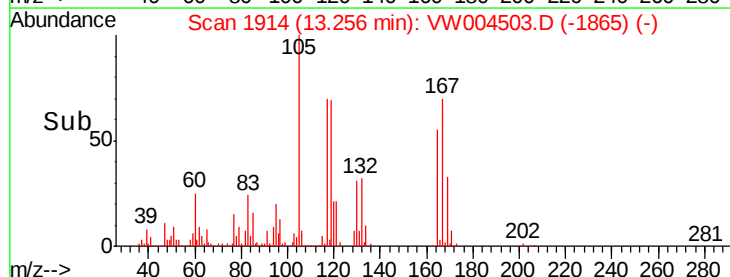
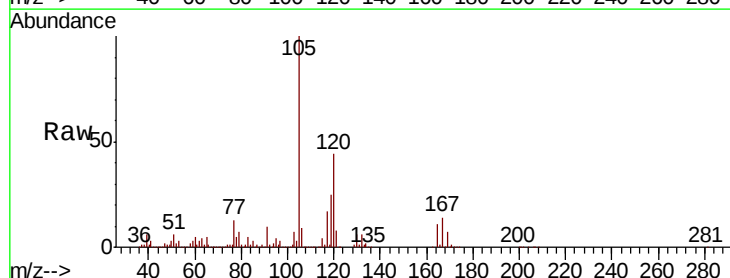
RT: 13.26 min Scan# 1914

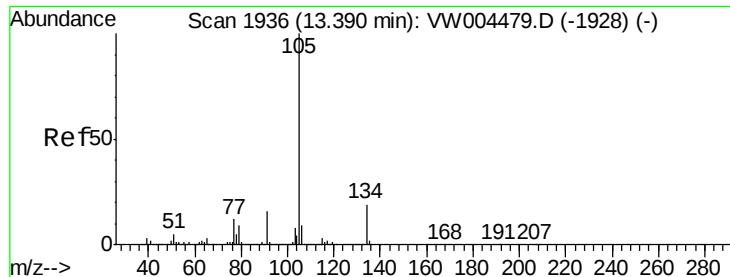
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:	105	Resp:	726229
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.65 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

Tot Ion:105 Resp: 866630

Ion Ratio Lower Upper

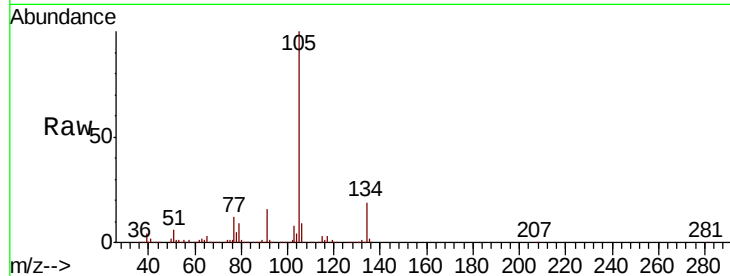
105 100

134 19.5 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

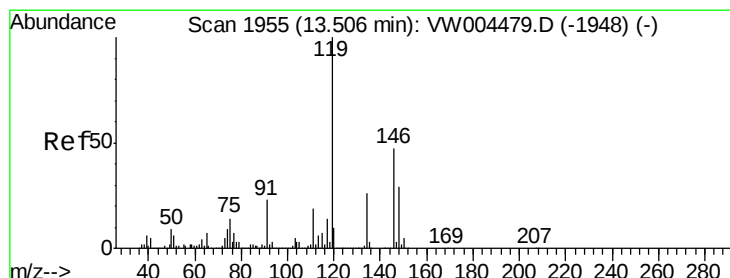
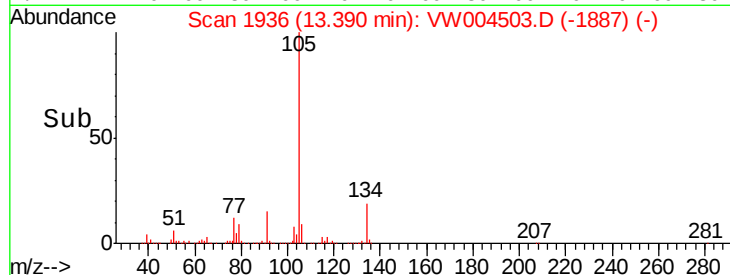
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.80 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

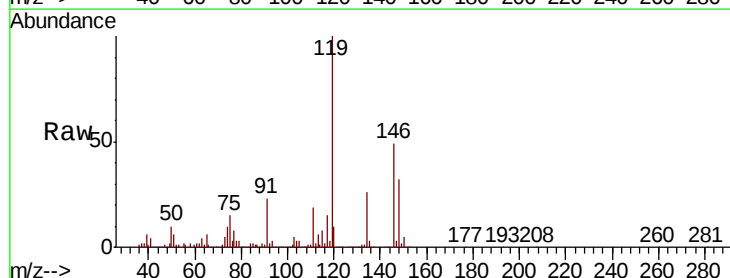
Tgt Ion:119 Resp: 756380

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 23.1 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

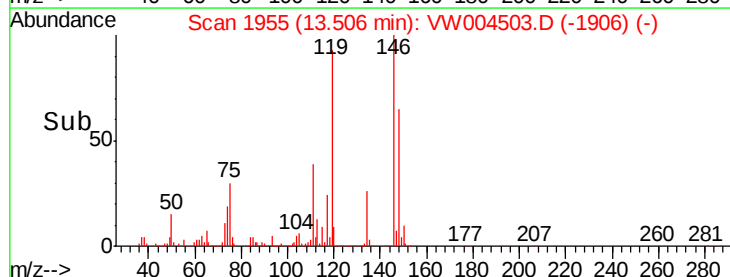
600000

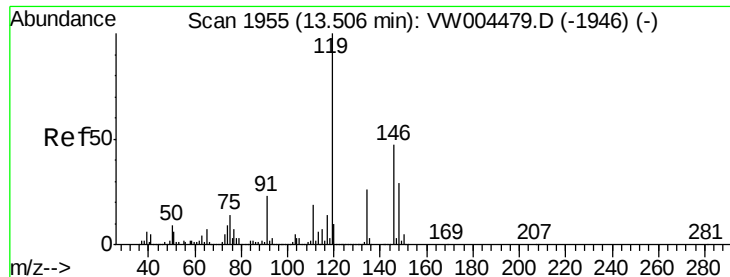
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.62 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

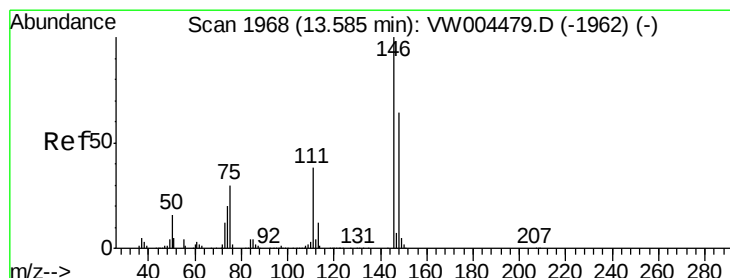
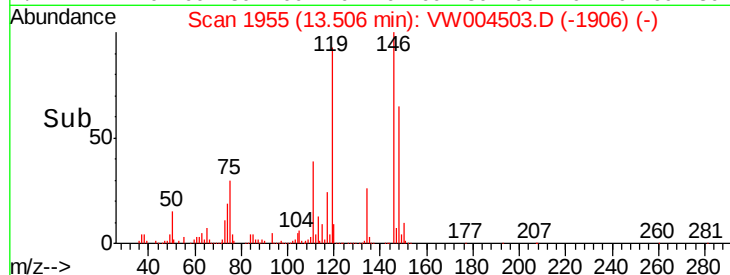
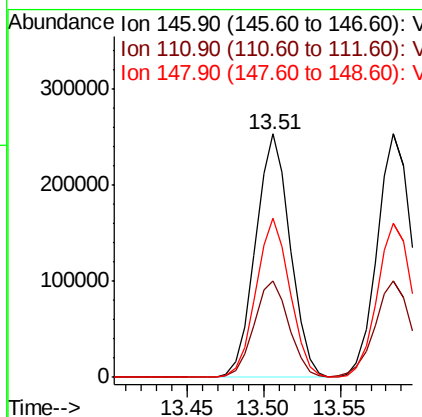
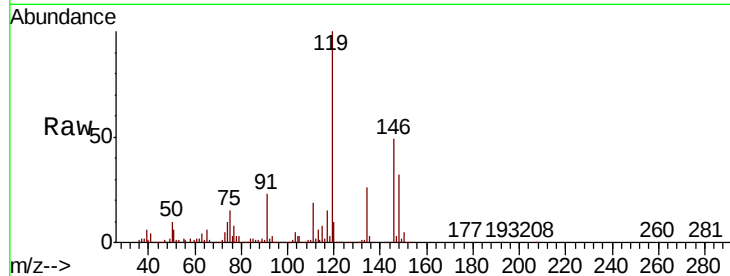
Instrument :
MSVOA_W

ClientSampled :
VW0808SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	399531		
111	39.9	20.0	59.9	
148	64.1	31.7	95.1	

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#88

1,4-Dichlorobenzene

Concen: 19.61 ug/l

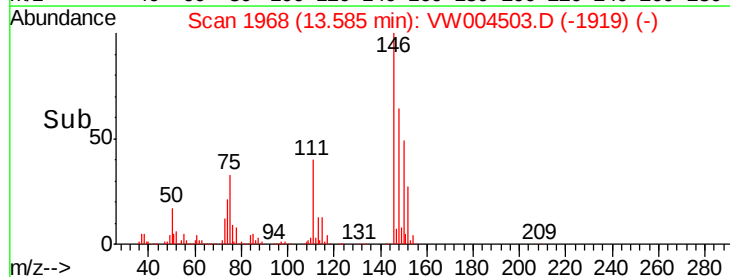
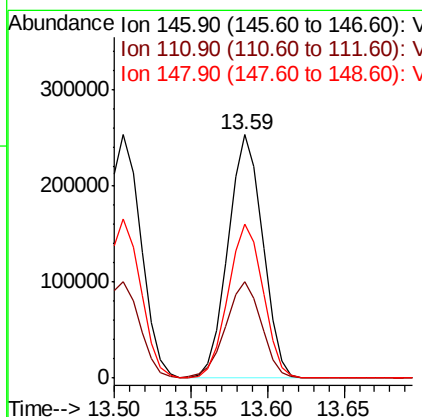
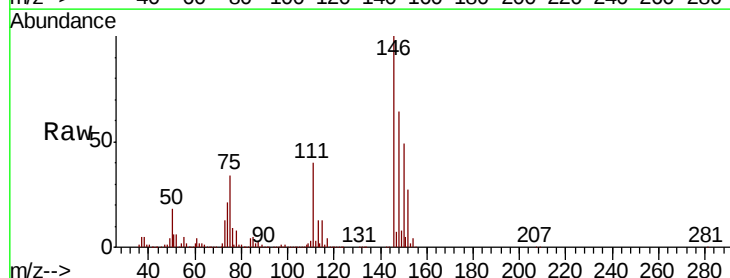
RT: 13.59 min Scan# 1968

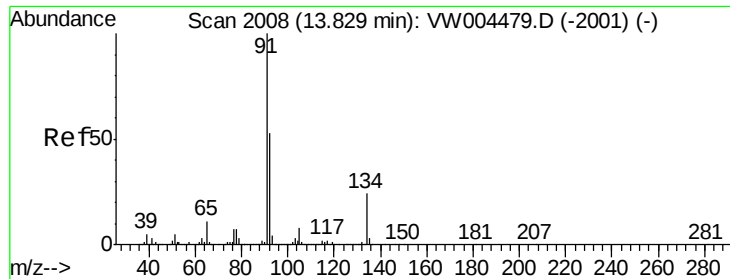
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	397613		
111	40.7	19.6	58.8	
148	64.1	31.9	95.5	





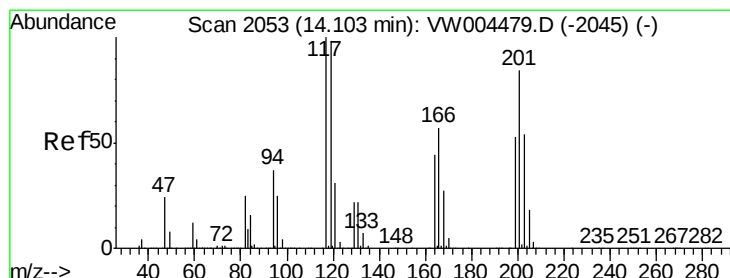
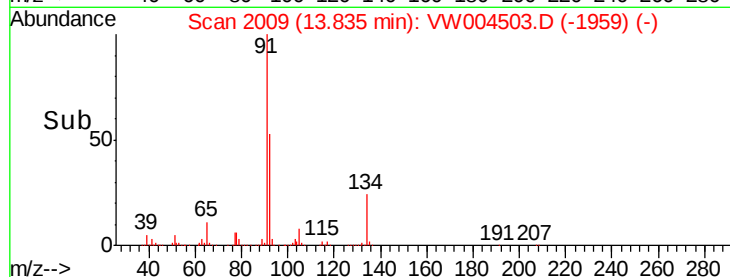
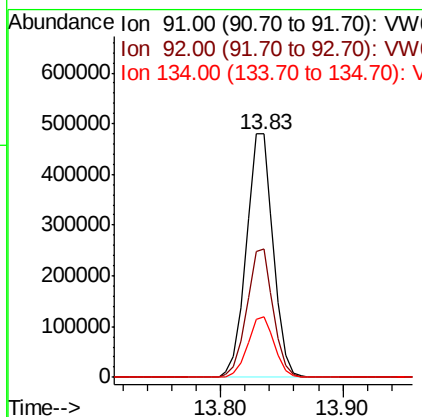
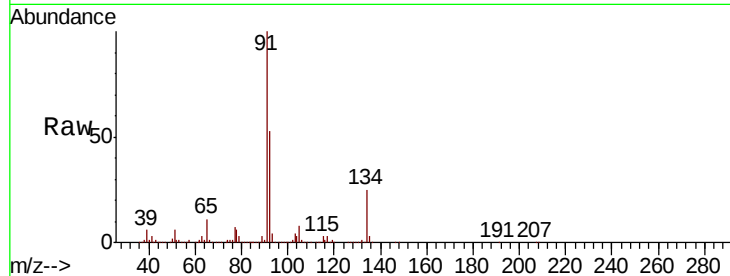
#89
n-Butylbenzene
Concen: 19.37 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.4	79.0
134	24.6	12.4	37.2

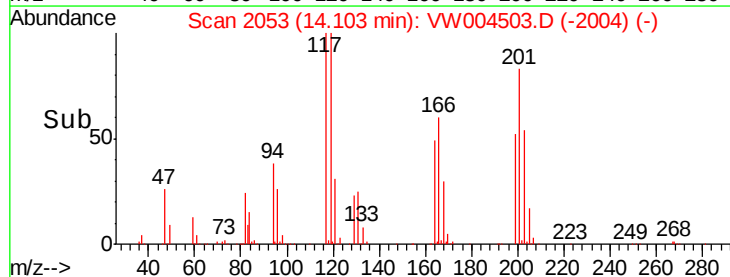
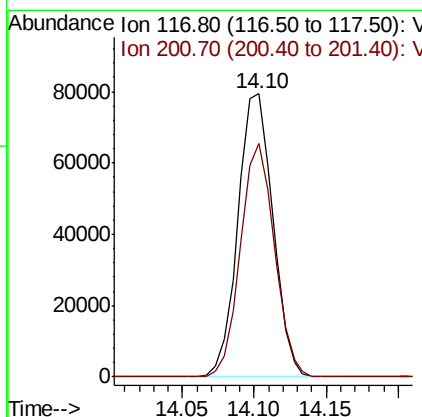
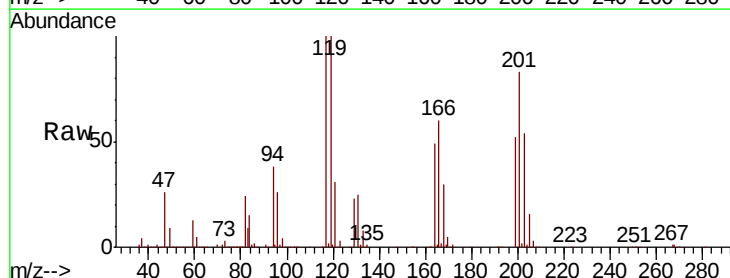
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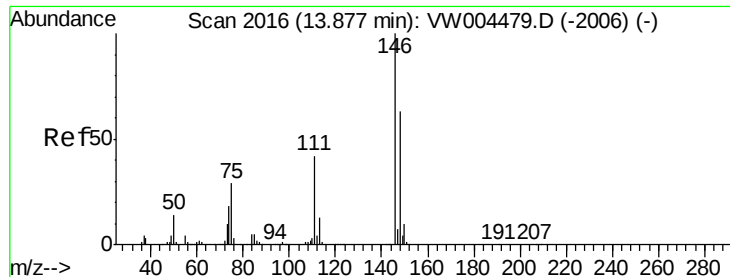
apatel
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#90
Hexachloroethane
Concen: 18.90 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.4	40.1	120.3





#91

1,2-Dichlorobenzene

Concen: 19.67 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Instrument :

MSVOA_W

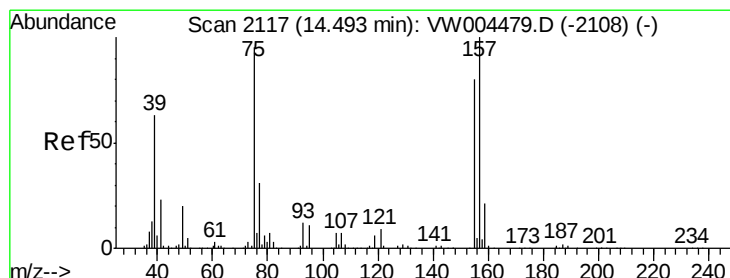
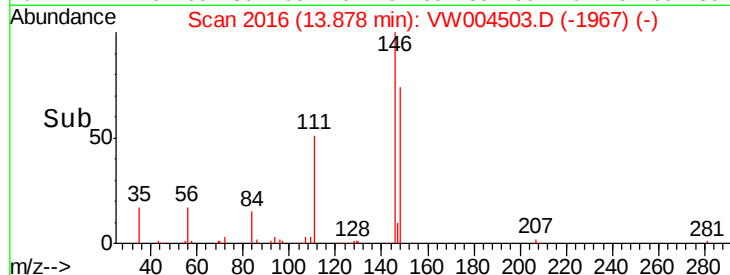
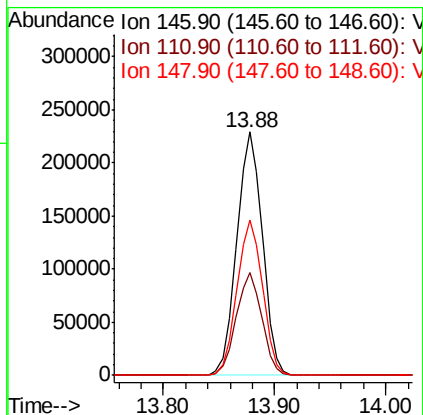
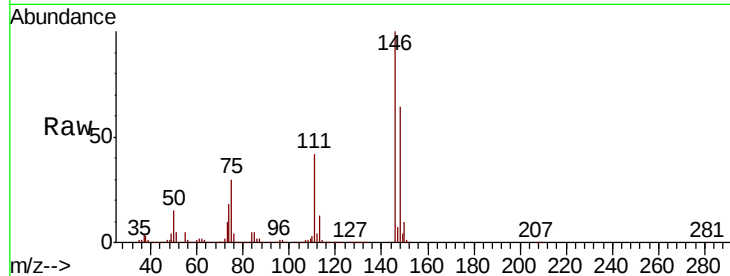
ClientSampleId :

VW0808SBS01

Tot Ion:	146	Resp:	363498
Ion Ratio	Lower	Upper	
146	100		
111	42.2	20.8	62.2
148	64.0	31.8	95.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.40 ug/l

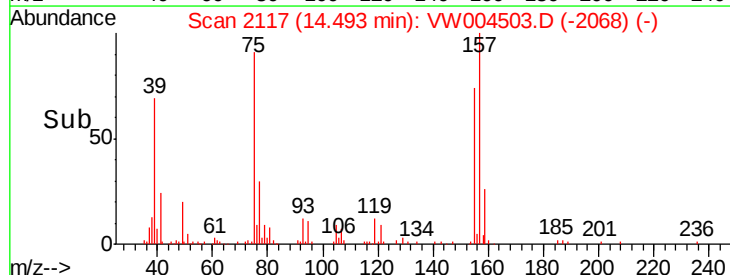
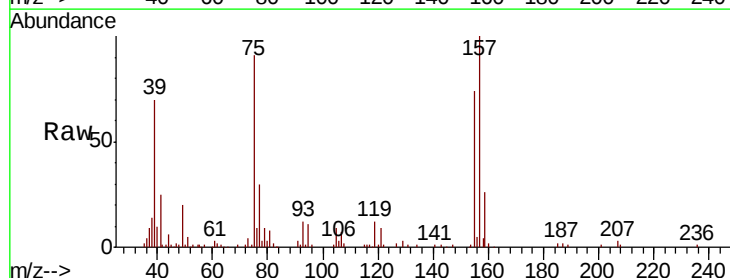
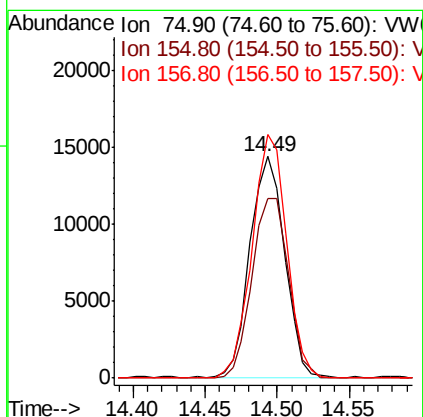
RT: 14.49 min Scan# 2117

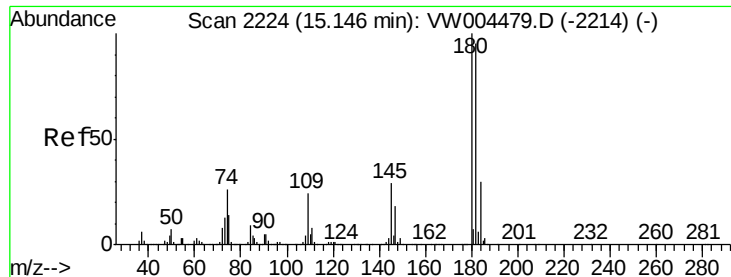
Delta R.T. 0.00 min

Lab File: VW004503.D

Acq: 07 Aug 2018 20:20

Tgt Ion:	75	Resp:	24246
Ion Ratio	Lower	Upper	
75	100		
155	84.5	41.3	123.7
157	108.3	52.6	157.8





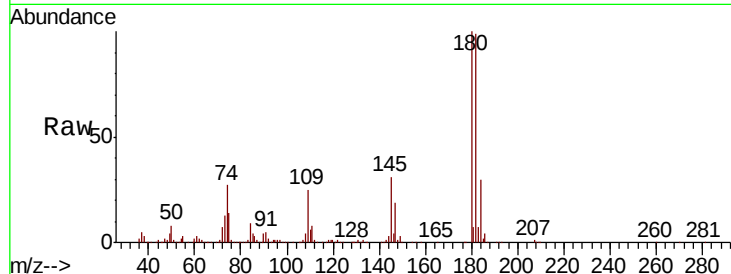
#93
 1,2,4-Trichlorobenzene
 Concen: 19.27 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	246449		
182	95.5	47.9	143.6	
145	30.4	14.9	44.9	

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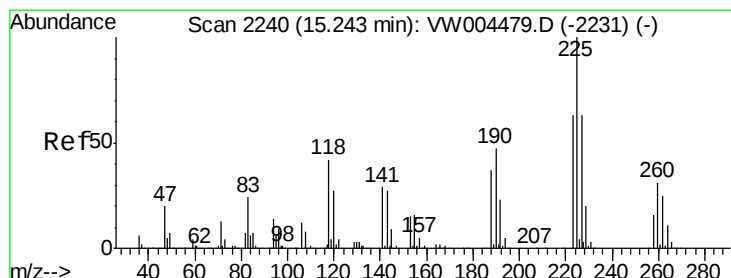
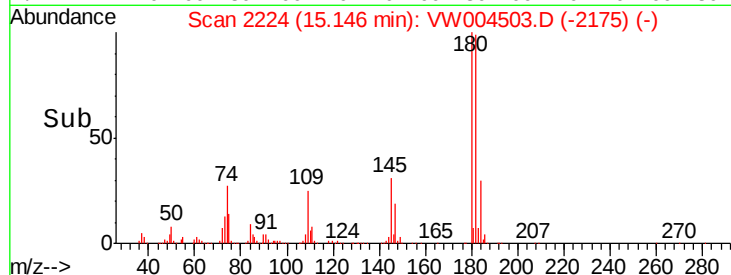
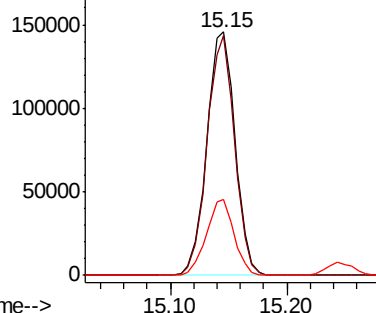


Abundance

Ion 179.80 (179.50 to 180.50): V

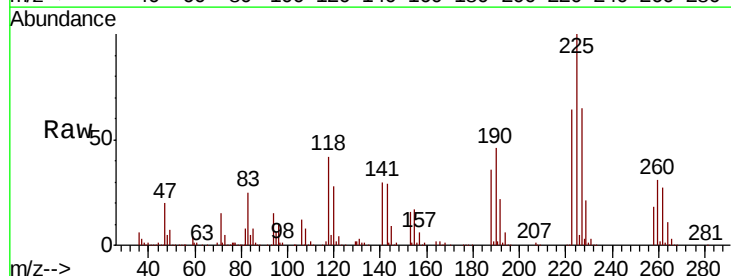
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.50 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004503.D
 Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	145248		
223	63.7	31.3	93.8	
227	64.6	31.8	95.4	

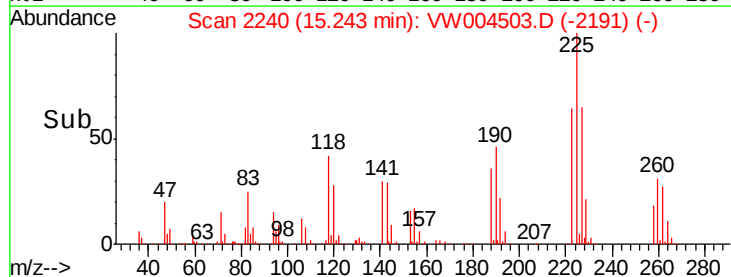
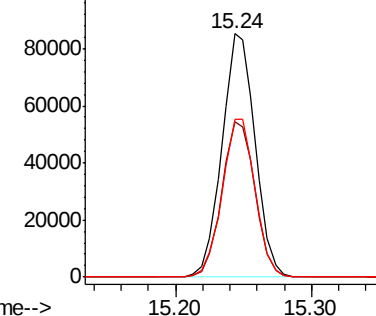


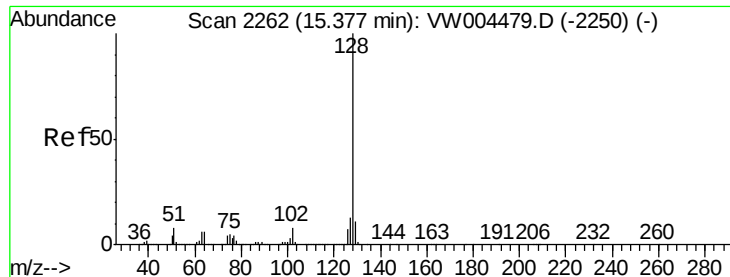
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





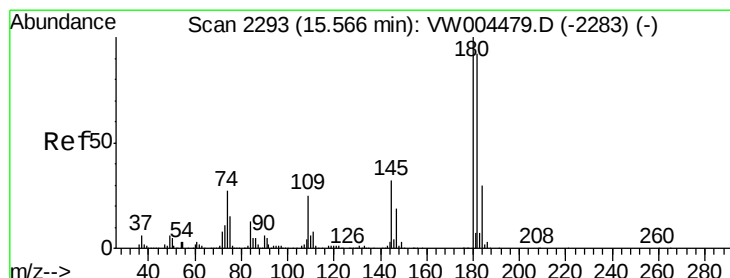
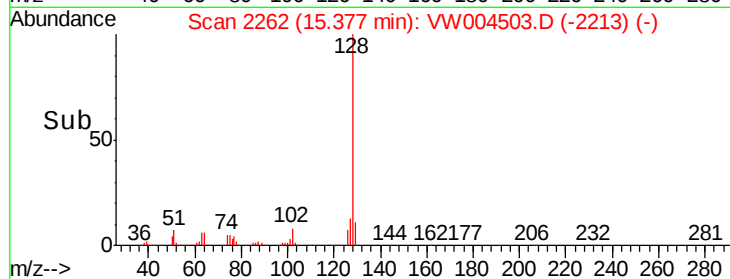
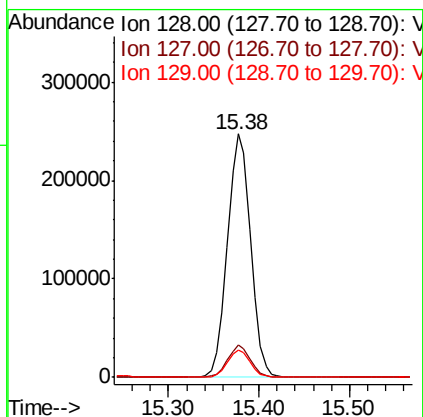
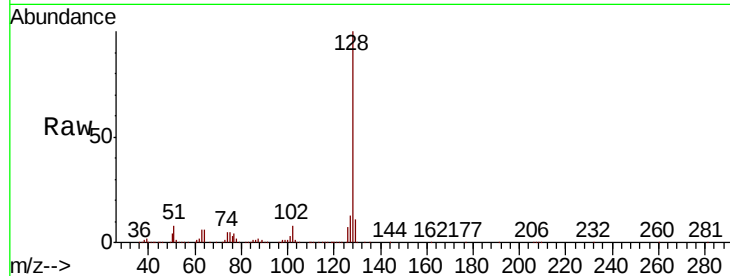
#95
Naphthalene
Concen: 18.51 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.33 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004503.D
Acq: 07 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.0	141.2
145	32.1	15.9	47.6

