

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102518\
 Data File : VW006350.D
 Acq On : 25 Oct 2018 07:05
 Operator : SY/AP
 Sample : J5626-02MS
 Misc : 3.77G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

Manual Integrations
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 10/25/2018 12:47:50 PM

Quant Time: Oct 25 08:00:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	136340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	213688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	86963	76.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.88%	
35) Dibromofluoromethane	7.88	113	79325	62.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.64%	
50) Toluene-d8	10.33	98	198820	41.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.78%	
62) 4-Bromofluorobenzene	12.62	95	45902	25.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	49449	73.292	ug/l	97
3) Chloromethane	2.21	50	69572	80.108	ug/l	98
4) Vinyl Chloride	2.37	62	98339	79.288	ug/l	100
5) Bromomethane	2.79	94	86416	76.605	ug/l	98
6) Chloroethane	2.93	64	70476	79.292	ug/l	95
7) Trichlorofluoromethane	3.26	101	67914	58.780	ug/l	100
8) Diethyl Ether	3.68	74	59737	97.284	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60868	50.269	ug/l	99
10) Methyl Iodide	4.27	142	158393	78.594	ug/l	99
11) Tert butyl alcohol	5.24	59	37107	488.122	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	76187	66.880	ug/l	94
13) Acrolein	3.90	56	22486	305.685	ug/l	98
14) Allyl chloride	4.67	41	117838	72.345	ug/l	98
15) Acrylonitrile	5.38	53	122551	556.433	ug/l	99
16) Acetone	4.15	43	123904	605.335	ug/l	100
17) Carbon Disulfide	4.38	76	180104	52.385	ug/l	99
18) Methyl Acetate	4.68	43	129795	228.178	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	173909	100.232	ug/l	100
20) Methylene Chloride	4.92	84	133791	113.945	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	89500	70.388	ug/l	97
22) Diisopropyl ether	6.32	45	279396	86.801	ug/l	97
23) Vinyl Acetate	6.26	43	212146	111.680	ug/l	99
24) 1,1-Dichloroethane	6.21	63	156653	75.424	ug/l	99
25) 2-Butanone	7.18	43	168129	550.596	ug/l	99
26) 2,2-Dichloropropane	7.16	77	78029	53.267	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	102299	72.905	ug/l	97
28) Bromochloromethane	7.51	49	71084	88.652	ug/l	93
29) Tetrahydrofuran	7.54	42	103764	552.828	ug/l	98
30) Chloroform	7.68	83	161566	71.399	ug/l	98
31) Cyclohexane	7.95	56	64147	31.013	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	117858	57.739	ug/l	99
36) 1,1-Dichloropropene	8.09	75	90873	46.138	ug/l	99
37) Ethyl Acetate	7.26	43	49997	68.322	ug/l	98
38) Carbon Tetrachloride	8.07	117	95498	44.229	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50248	19.192	ug/l	99
40) Benzene	8.32	78	325736	60.290	ug/l	97
41) Methacrylonitrile	7.49	41	41283	93.581	ug/l	95
42) 1,2-Dichloroethane	8.40	62	122038	76.882	ug/l	99
43) Isopropyl Acetate	8.43	43	103612	69.248	ug/l	99
44) Trichloroethene	9.09	130	78535	47.380	ug/l	99
45) 1,2-Dichloropropane	9.37	63	79111	61.191	ug/l	100
46) Dibromomethane	9.46	93	53695	72.870	ug/l	97
47) Bromodichloromethane	9.65	83	100958	56.512	ug/l	99
48) Methyl methacrylate	9.44	41	71530	100.855	ug/l	98
49) 1,4-Dioxane	9.48	88	23075	2034.164	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	344273	459.232	ug/l	97
52) Toluene	10.39	92	160110	44.203	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	97195	54.606	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	115669	56.623	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	68782	66.704	ug/l	96
56) Ethyl methacrylate	10.65	69	85869	67.928	ug/l	97
57) 1,3-Dichloropropane	10.93	76	110892	64.964	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	177736	367.959	ug/l	98
59) 2-Hexanone	10.98	43	236388	441.729	ug/l	96
60) Dibromochloromethane	11.13	129	66791	52.001	ug/l	99
61) 1,2-Dibromoethane	11.24	107	65248	63.328	ug/l	99
64) Tetrachloroethene	10.87	164	52661	54.173	ug/l	98
65) Chlorobenzene	11.66	112	150970	56.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	62944	66.073	ug/l	98
67) Ethyl Benzene	11.74	91	219631	47.277	ug/l	98
68) m/p-Xylenes	11.84	106	165035	89.879	ug/l	98
69) o-Xylene	12.17	106	81530	46.590	ug/l	100
70) Styrene	12.18	104	137079	48.172	ug/l	99
71) Bromoform	12.35	173	36856	69.363	ug/l #	99
73) Isopropylbenzene	12.47	105	169904	72.746	ug/l	99
74) N-amyl acetate	12.28	43	47446	104.590	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	60416	170.075	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	52118m	206.397	ug/l	
77) Bromobenzene	12.75	156	53946	94.301	ug/l	91
78) n-propylbenzene	12.81	91	163398	60.133	ug/l	99
79) 2-Chlorotoluene	12.90	91	102624	67.219	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	115147	58.481	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16905	160.030	ug/l	92
82) 4-Chlorotoluene	12.99	91	104071	65.073	ug/l	100
83) tert-Butylbenzene	13.21	119	95769	54.364	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	114776	57.607	ug/l	100
85) sec-Butylbenzene	13.39	105	110445	44.378	ug/l	99
86) p-Isopropyltoluene	13.51	119	94378	41.926	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	61372	53.906	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60695	53.543	ug/l	99
89) n-Butylbenzene	13.83	91	69064	33.548	ug/l	98
90) Hexachloroethane	14.10	117	13542	35.516	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	58981	58.079	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8178	128.583	ug/l	93

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QLast Update : Thu Oct 18 17:01:24 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	21869	27.987	ug/l	100
94) Hexachlorobutadiene	15.24	225	8191	16.687	ug/l	96
95) Naphthalene	15.38	128	70147	53.965	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	16501	24.415	ug/l	97

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

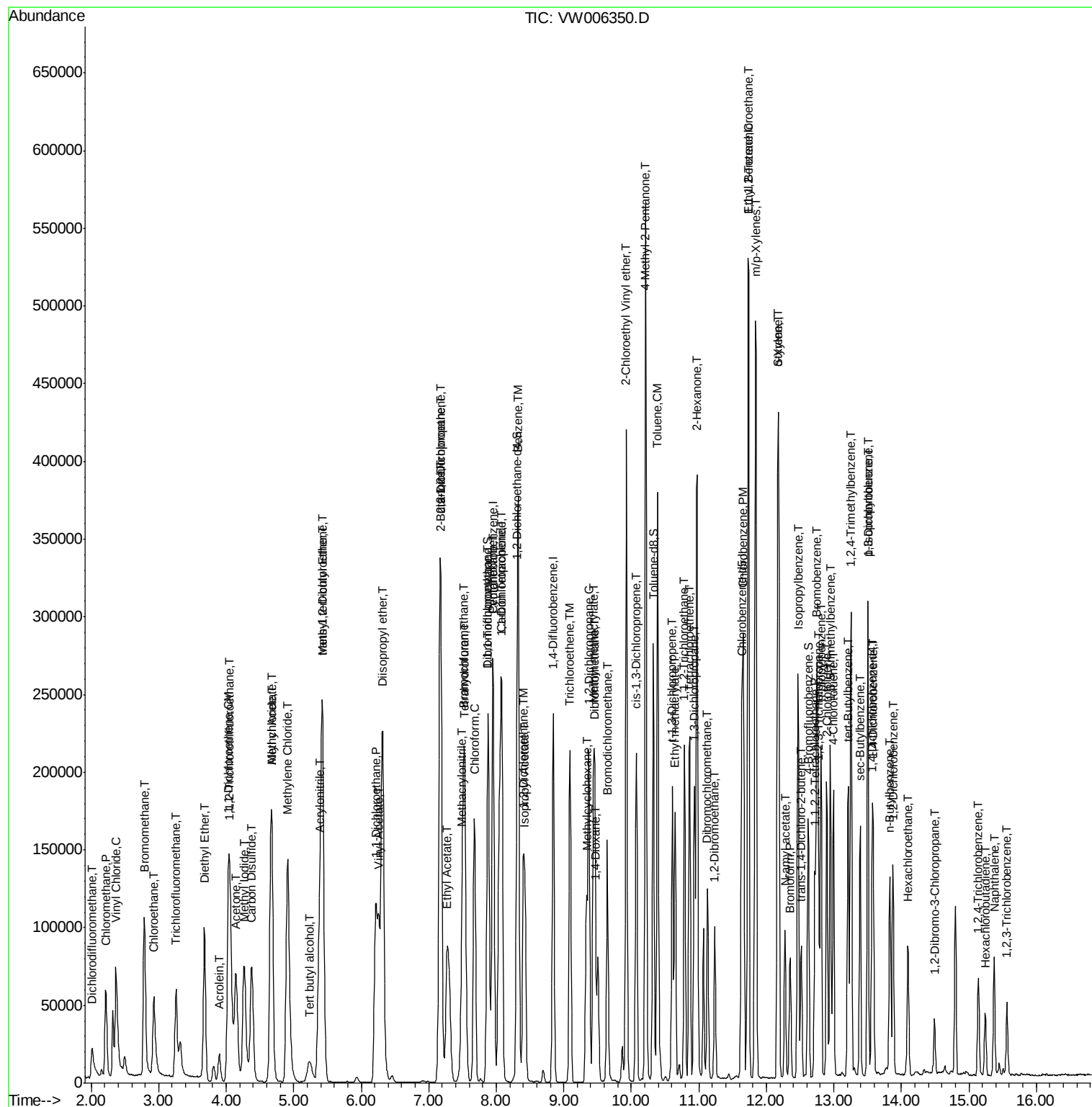
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
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 Acq On : 25 Oct 2018 07:05
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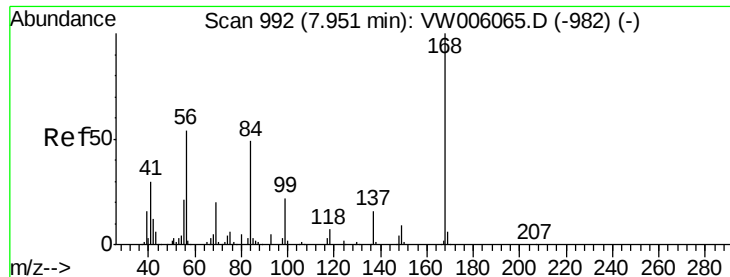
Instrument :
 MSVOA_W
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#1

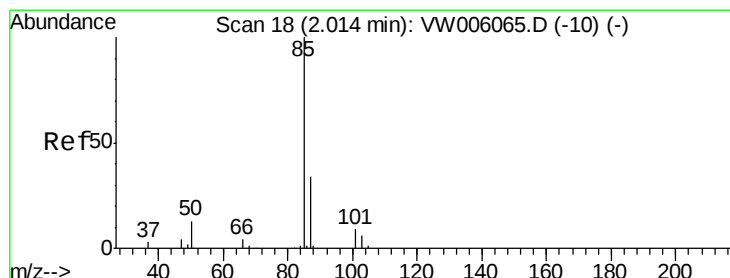
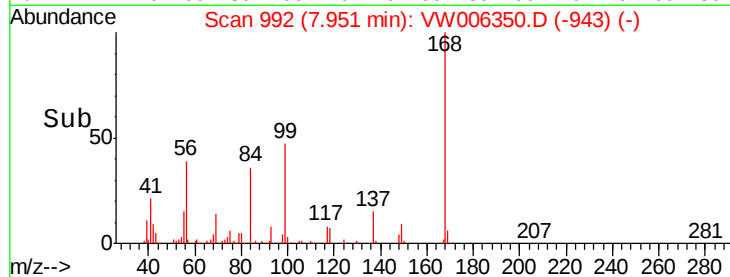
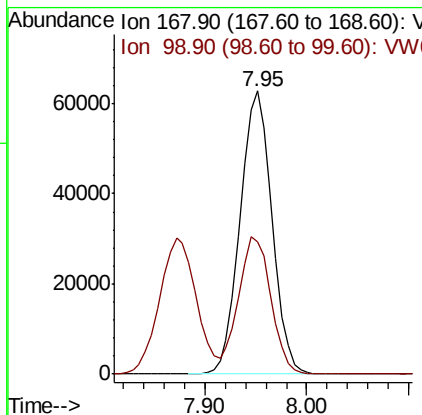
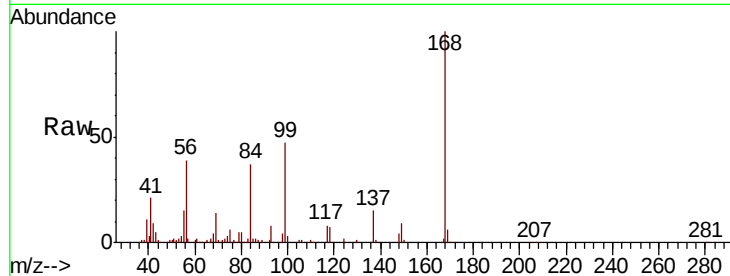
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.8	39.9	59.9

Manual Integrations
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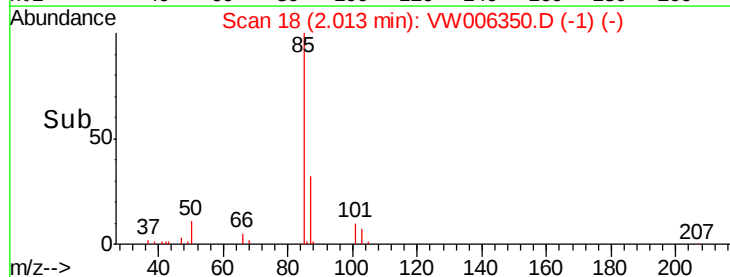
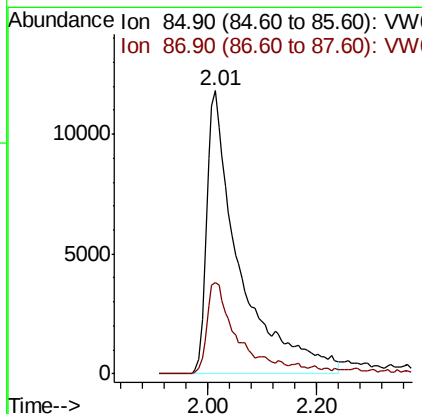
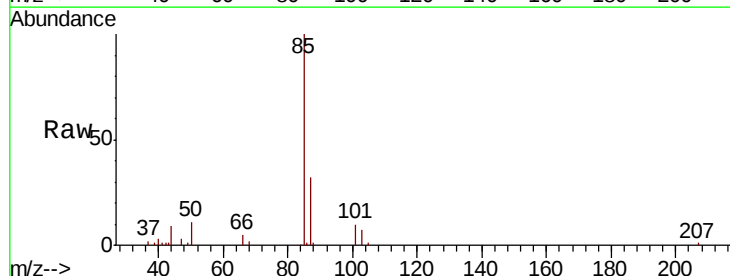
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#2

Dichlorodifluoromethane
 Concen: 73.292 ug/l
 RT: 2.01 min Scan# 18
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.9	50.6





#3

Chloromethane

Concen: 80.108 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion: 50 Resp: 69572

Ion Ratio Lower Upper

50 100

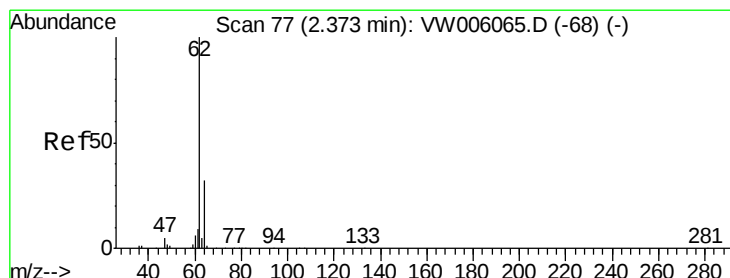
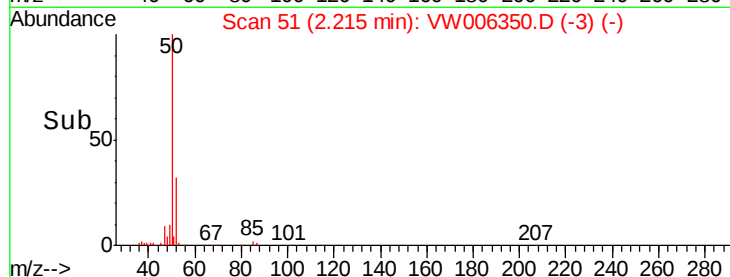
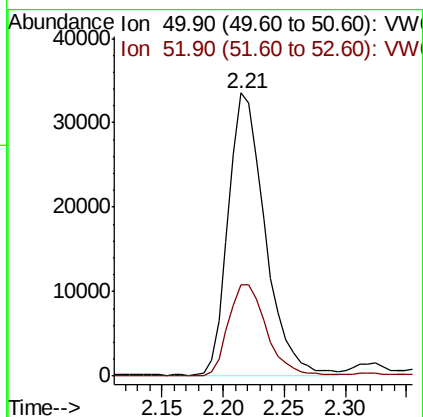
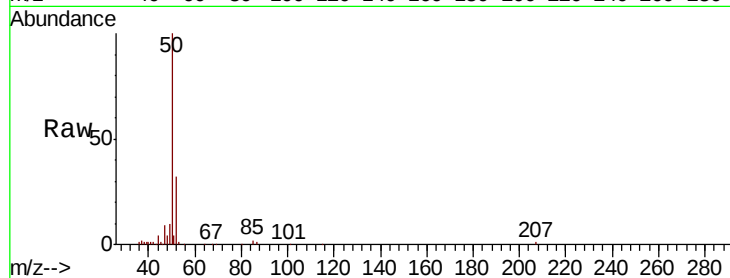
52 32.2 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 79.288 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006350.D

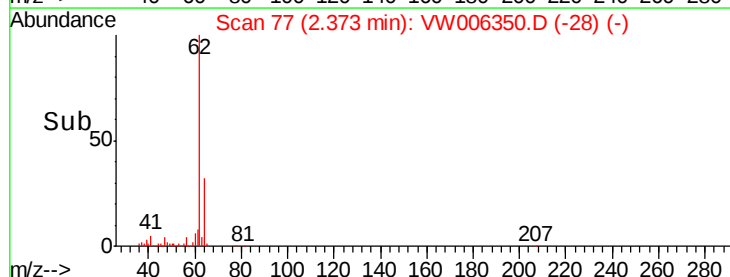
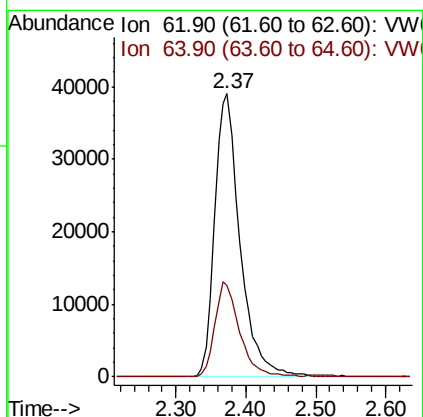
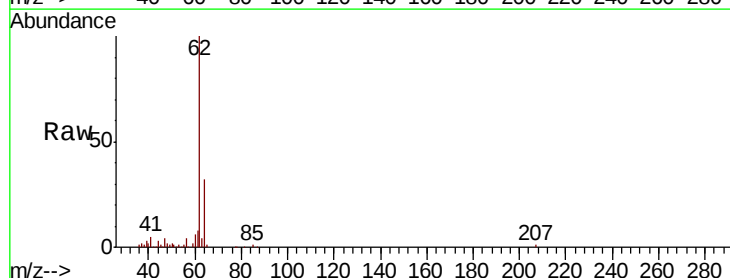
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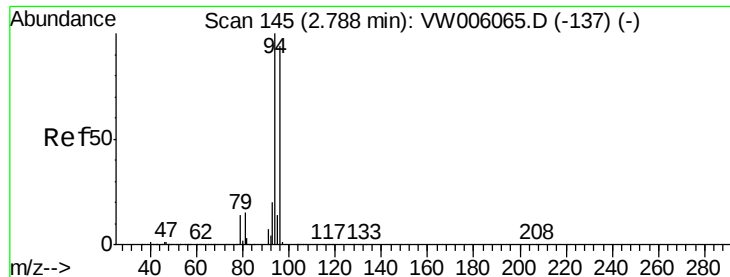
Tgt Ion: 62 Resp: 98339

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9





#5

Bromomethane

Concen: 76.605 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 86416

Ion Ratio Lower Upper

94 100

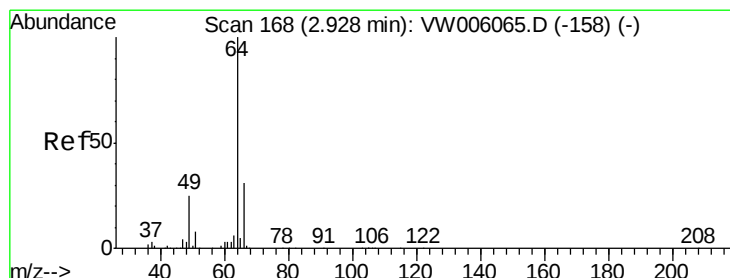
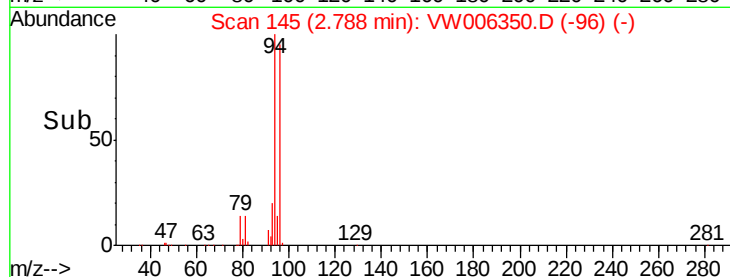
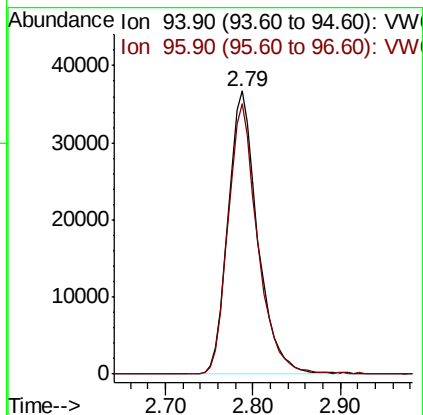
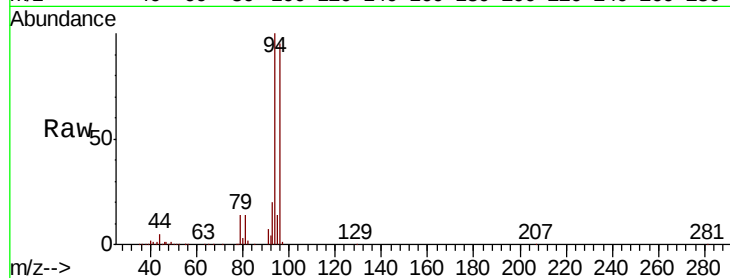
96 95.4 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 79.292 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006350.D

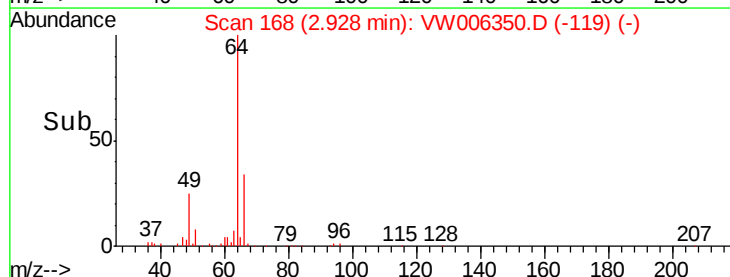
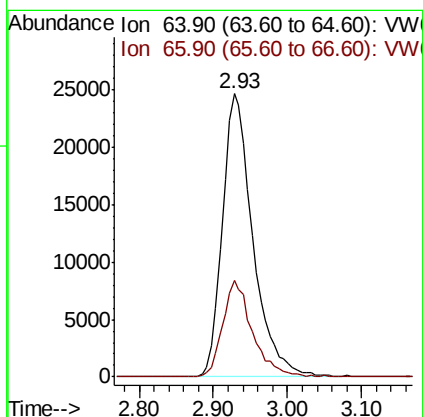
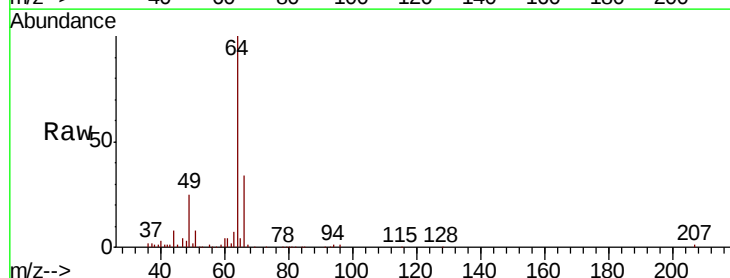
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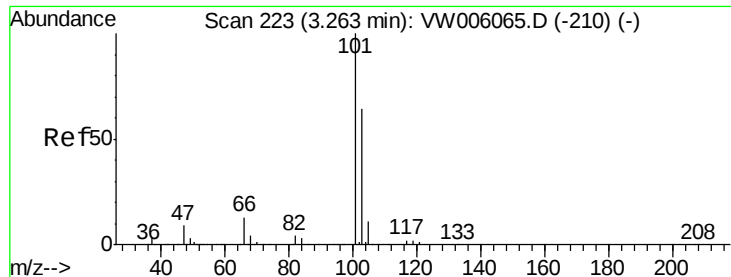
Tgt Ion: 64 Resp: 70476

Ion Ratio Lower Upper

64 100

66 34.1 24.9 37.3





#7

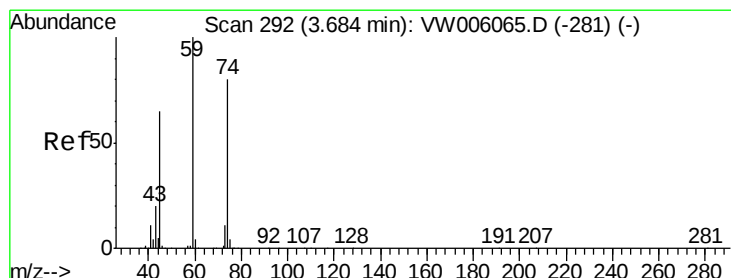
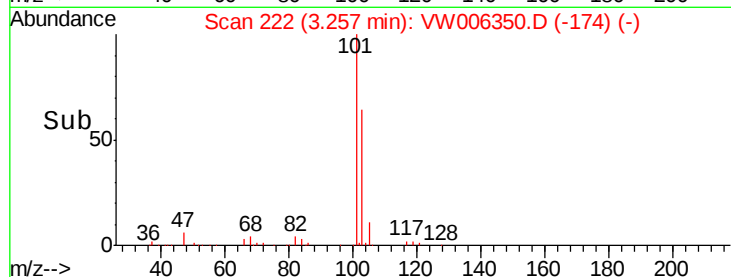
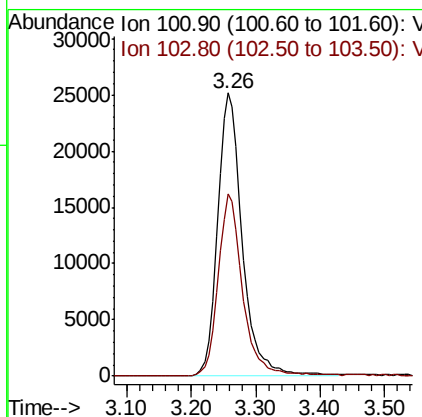
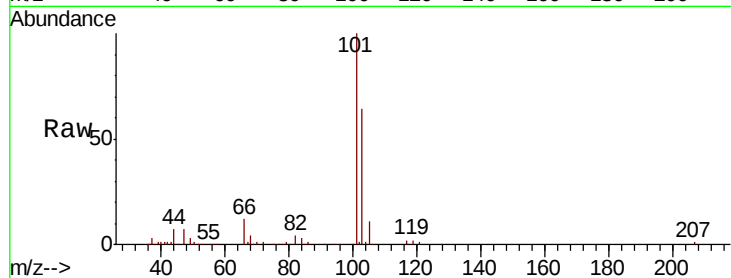
Trichlorofluoromethane
Concen: 58.780 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.2	76.8

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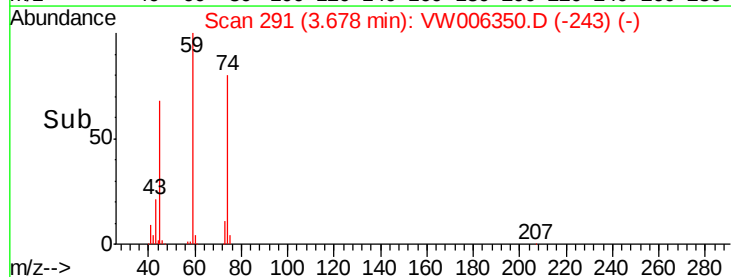
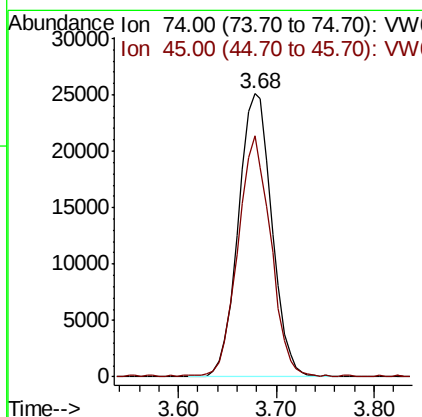
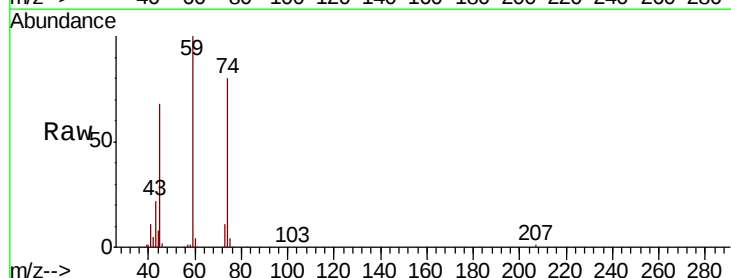
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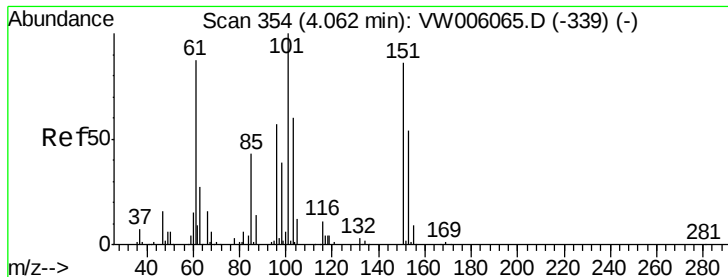


#8

Diethyl Ether
Concen: 97.284 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.2	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.269 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006350.D

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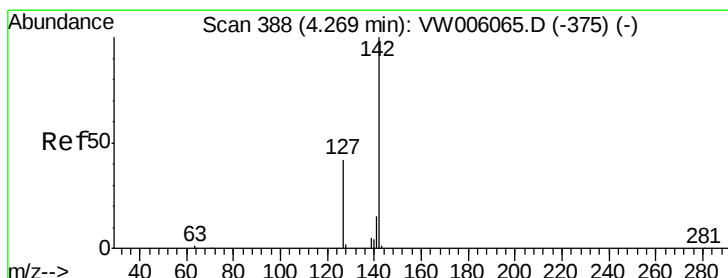
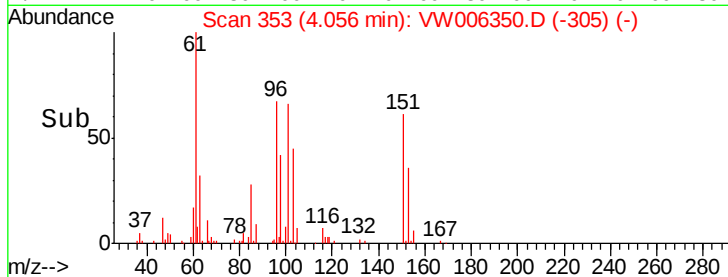
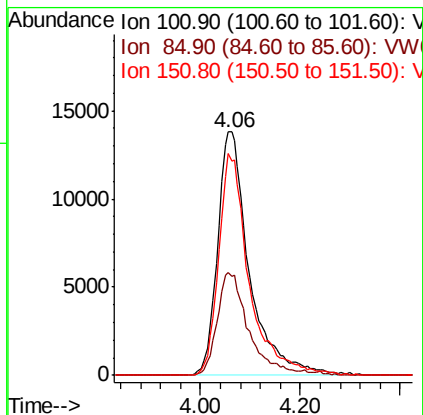
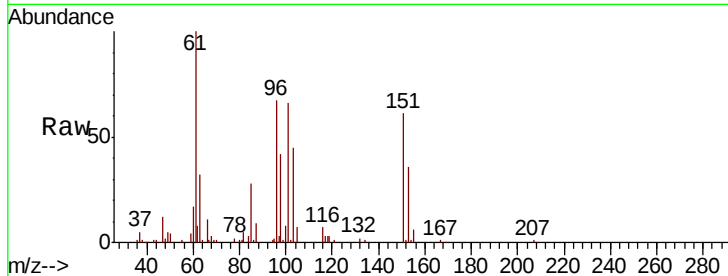
ClientSampleId :

PA-SB-01BMS

Tot Ion:	101	Resp:	60868
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.9	52.3
151	88.0	70.4	105.6

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#10

Methyl Iodide

Concen: 78.594 ug/l

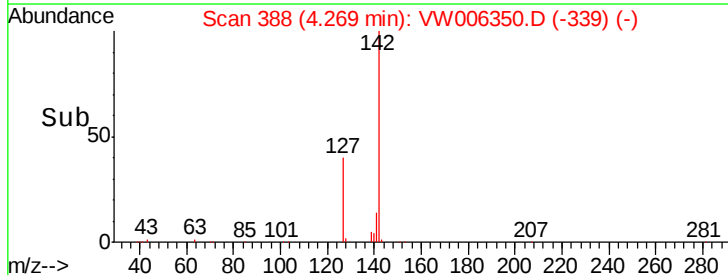
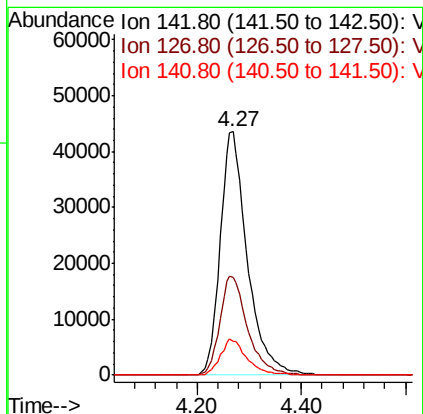
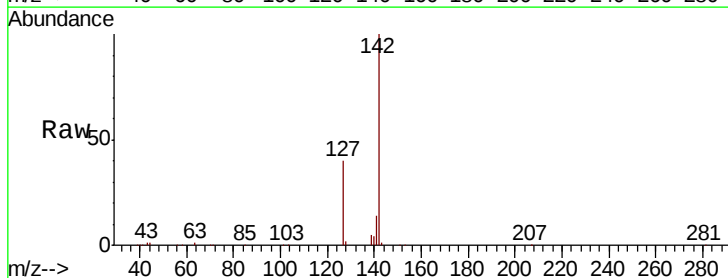
RT: 4.27 min Scan# 388

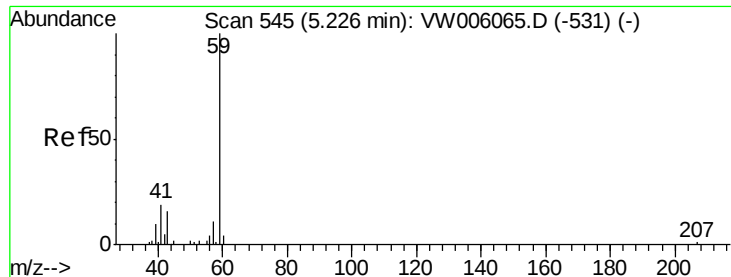
Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion:	142	Resp:	158393
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.6	50.4
141	14.5	11.6	17.4





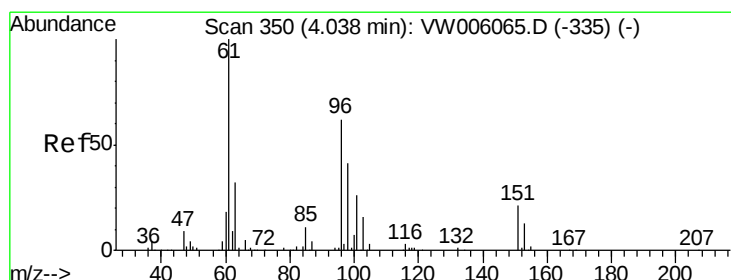
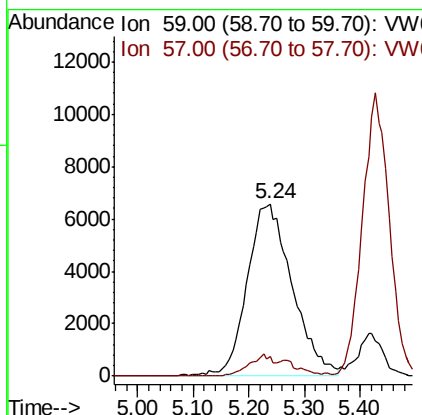
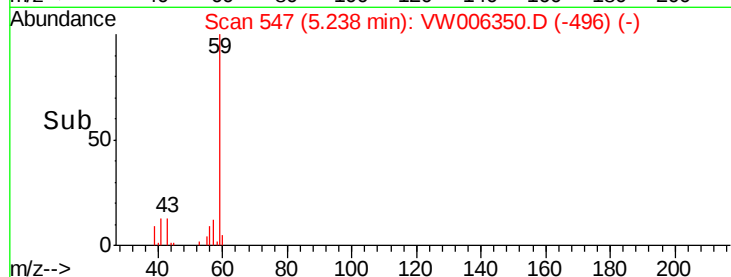
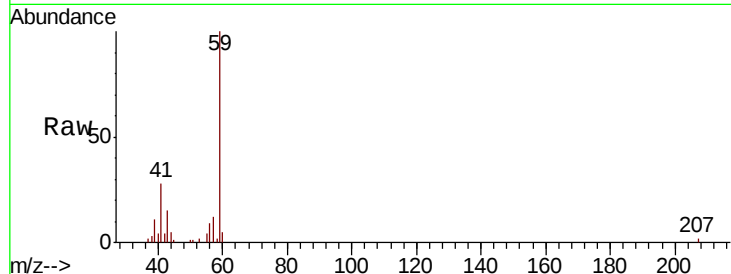
#11
Tert butyl alcohol
Concen: 488.122 ug/l
RT: 5.24 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion: 59 Resp: 37107
Ion Ratio Lower Upper
59 100
57 6.8 8.7 13.1#

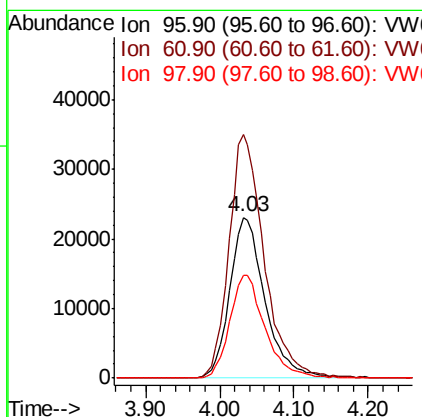
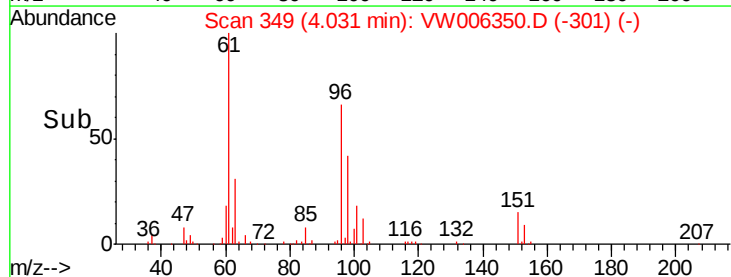
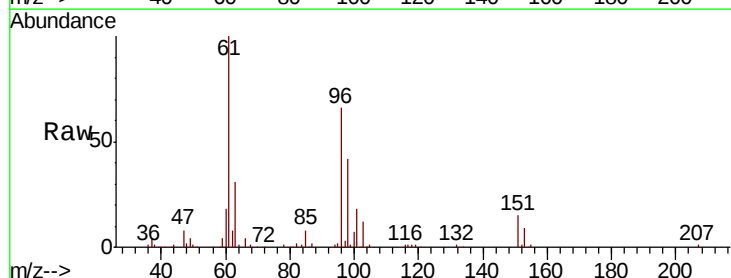
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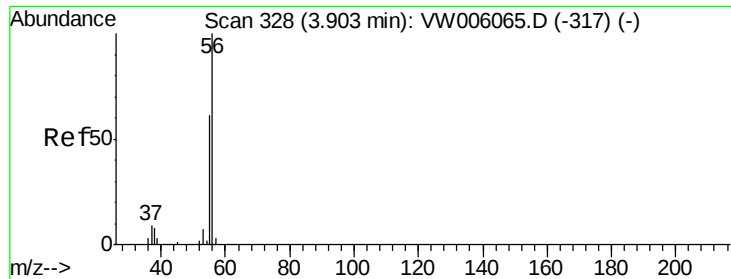
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#12
1,1-Dichloroethene
Concen: 66.880 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion: 96 Resp: 76187
Ion Ratio Lower Upper
96 100
61 151.5 129.3 193.9
98 64.4 53.1 79.7





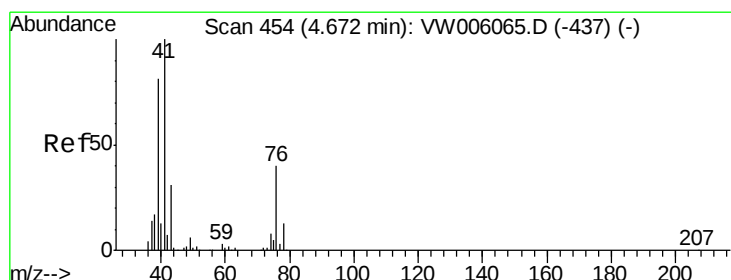
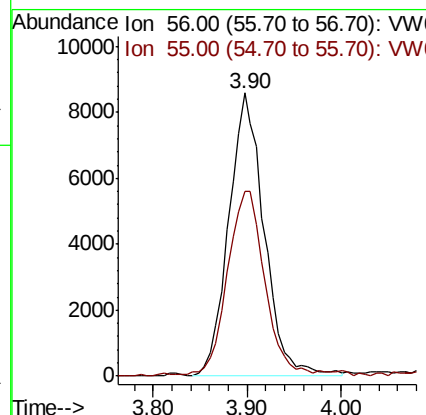
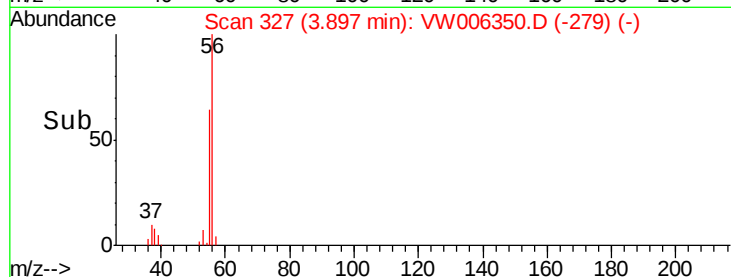
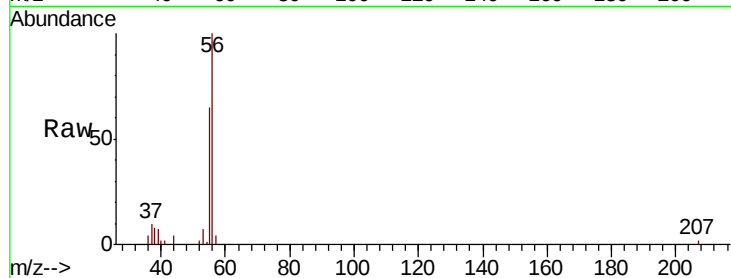
#13
Acrolein
Concen: 305.685 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	56	Resp	22486
Ion Ratio	100	Lower	Upper
56	100		
55	66.7	54.5	81.7

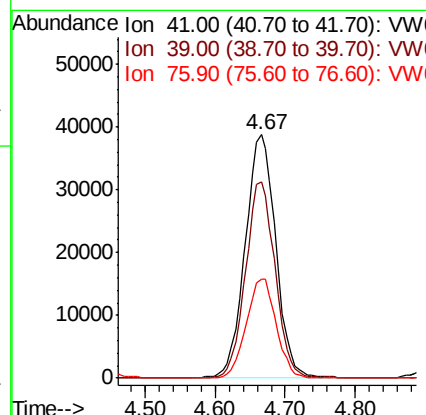
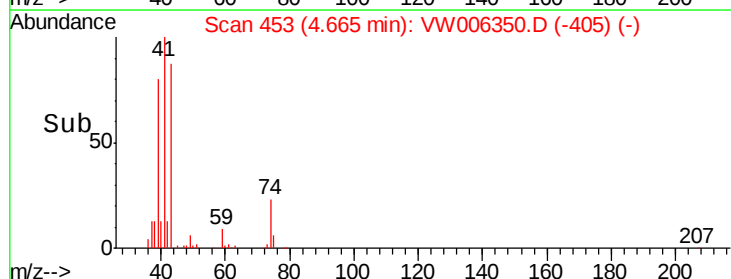
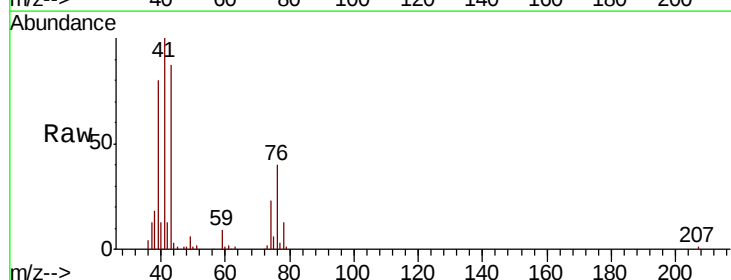
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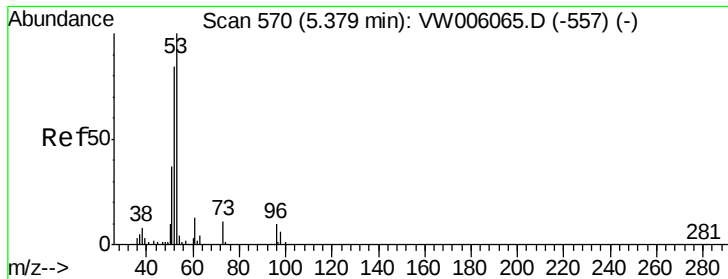
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#14
Allyl chloride
Concen: 72.345 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	41	Resp	117838
Ion Ratio	100	Lower	Upper
41	100		
39	77.9	64.1	96.1
76	39.5	32.2	48.4





#15

Acrylonitrile

Concen: 556.433 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

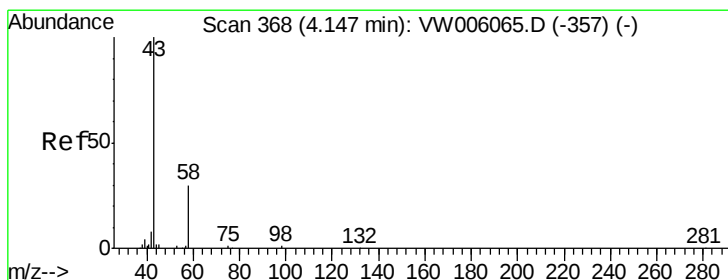
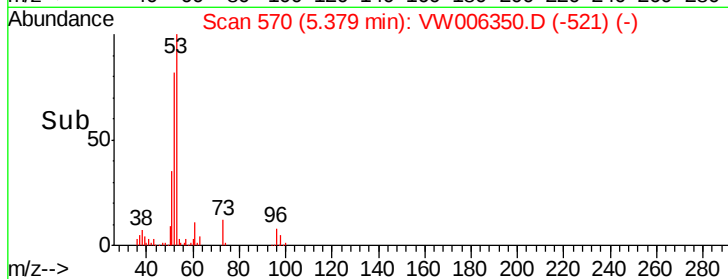
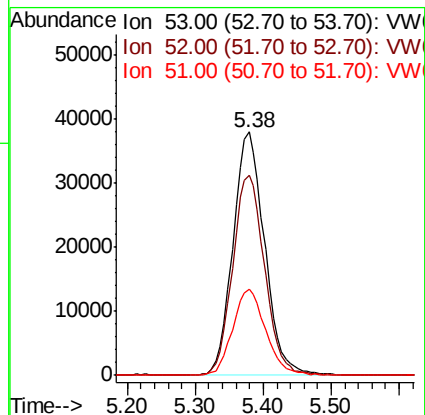
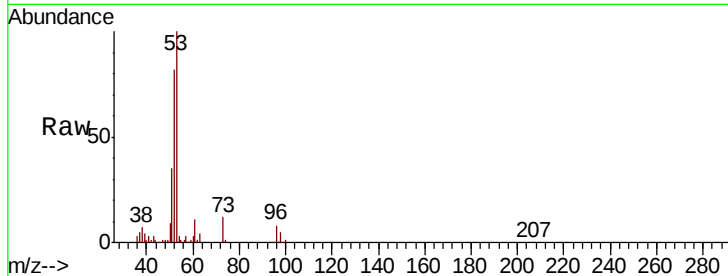
ClientSampleId :

PA-SB-01BMS

Tot Ion:	53	Resp:	122551
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.9	100.3
51	37.2	30.1	45.1

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#16

Acetone

Concen: 605.335 ug/l

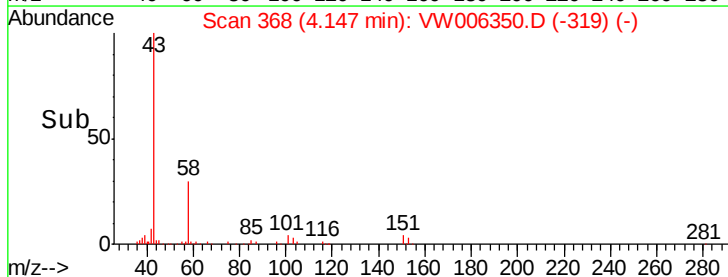
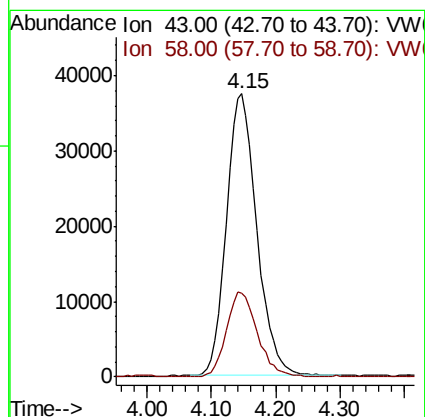
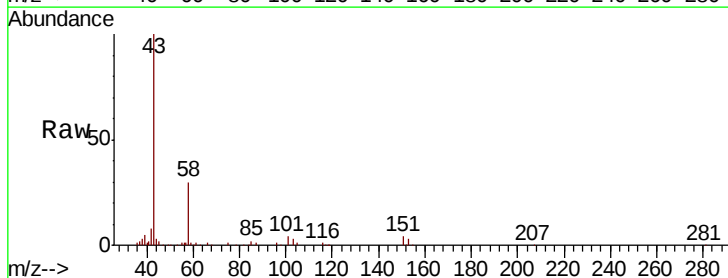
RT: 4.15 min Scan# 368

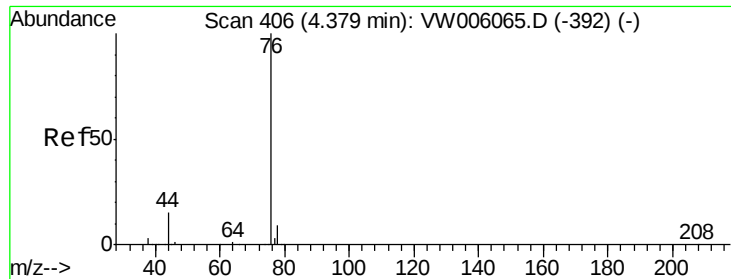
Delta R.T. 0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion:	43	Resp:	123904
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.0	36.0





#17

Carbon Disulfide

Concen: 52.385 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion: 76 Resp: 180104

Ion Ratio Lower Upper

76 100

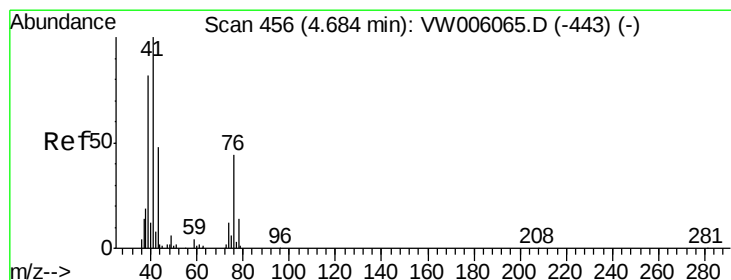
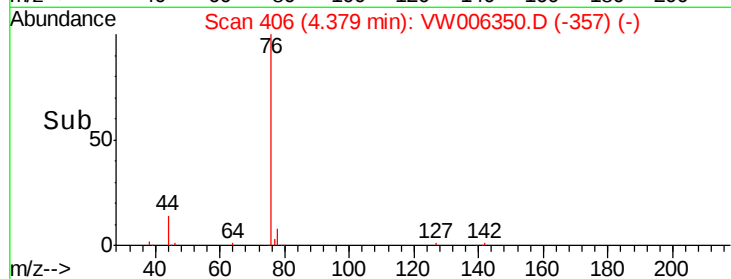
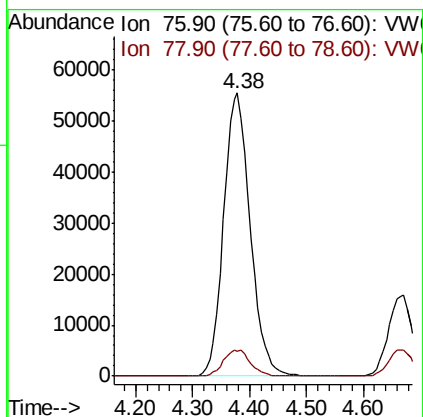
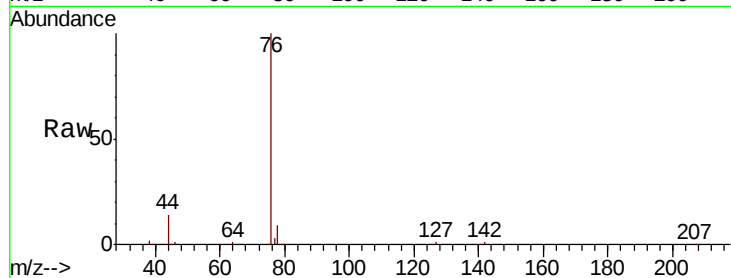
78 8.9 7.5 11.3

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#18

Methyl Acetate

Concen: 228.178 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006350.D

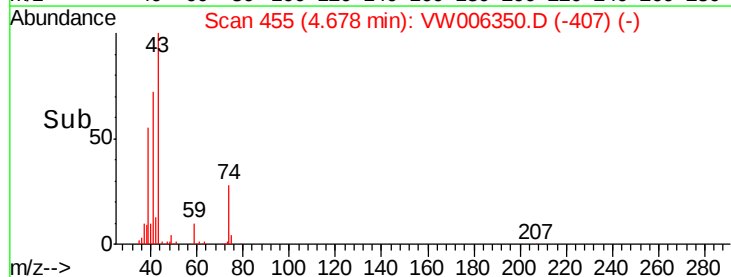
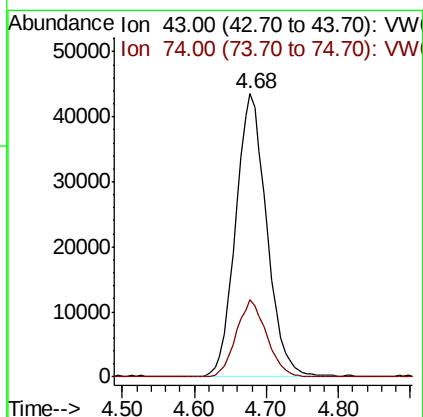
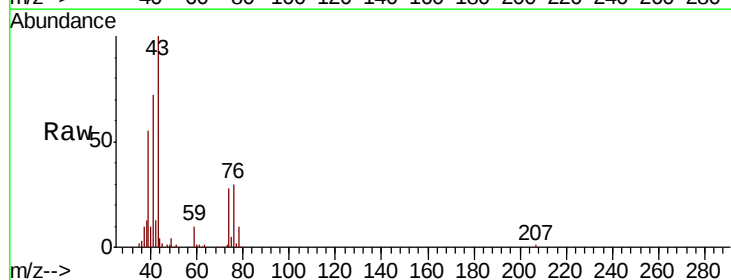
Acq: 25 Oct 2018 07:05

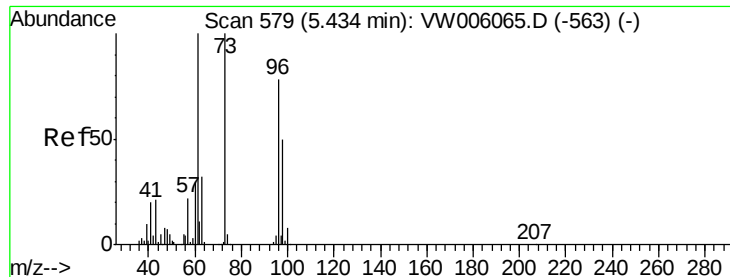
Tgt Ion: 43 Resp: 129795

Ion Ratio Lower Upper

43 100

74 26.9 20.5 30.7





#19

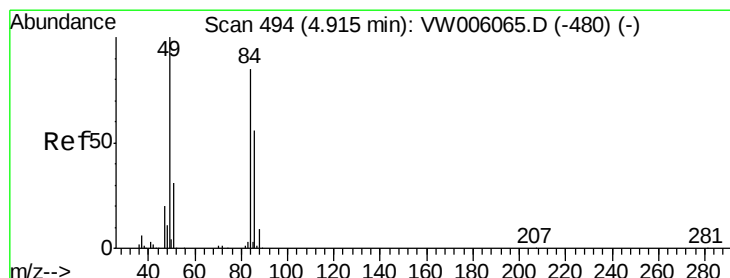
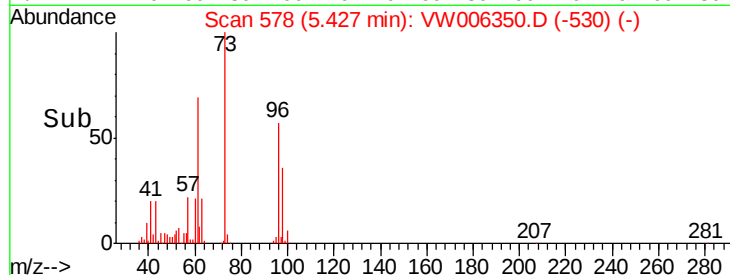
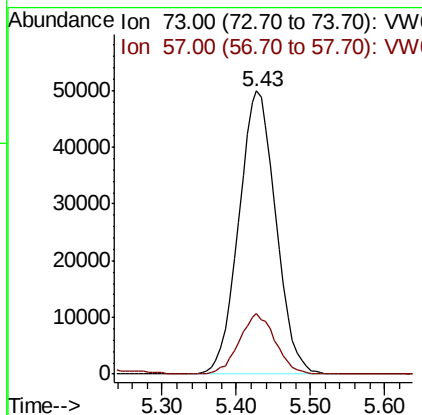
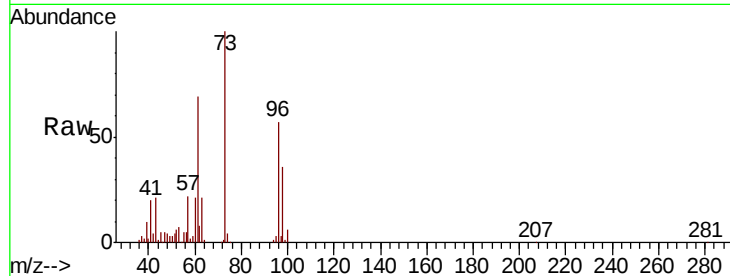
Methyl tert-butyl Ether
 Concen: 100.232 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2

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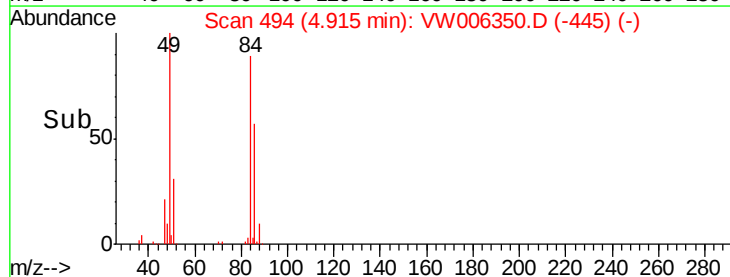
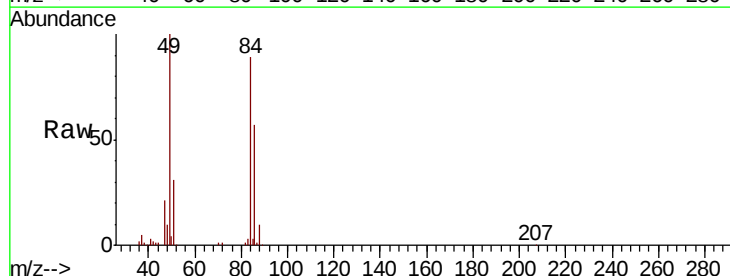
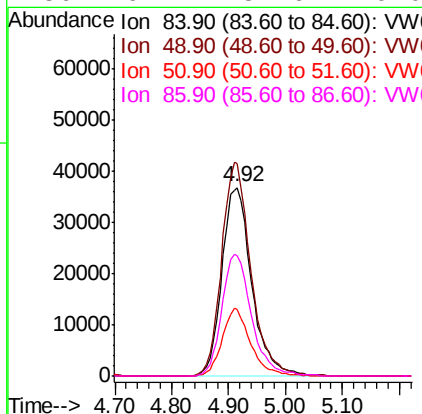
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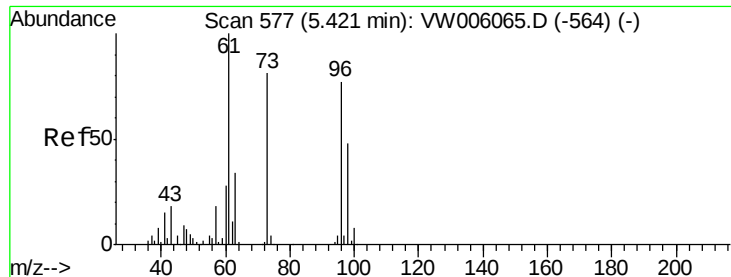


#20

Methylene Chloride
 Concen: 113.945 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.6	93.6	140.4
51	35.0	29.0	43.4
86	64.2	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 70.388 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

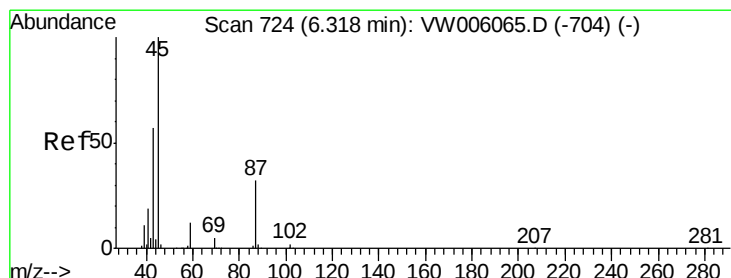
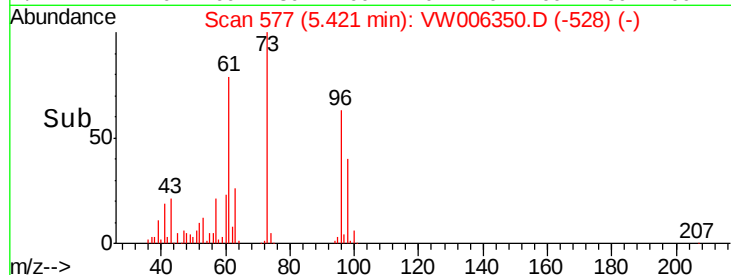
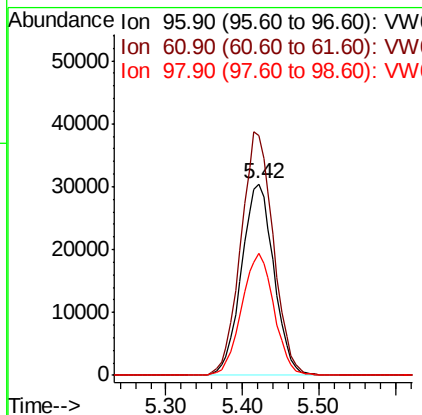
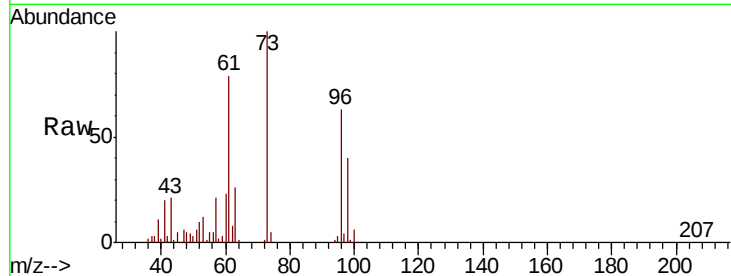
ClientSampleId :

PA-SB-01BMS

Tot Ion:	96	Resp:	89500
Ion	Ratio	Lower	Upper
96	100		
61	125.3	104.5	156.7
98	63.7	50.6	75.8

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#22

Diisopropyl ether

Concen: 86.801 ug/l

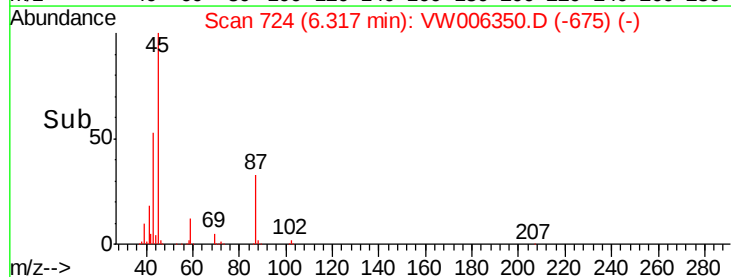
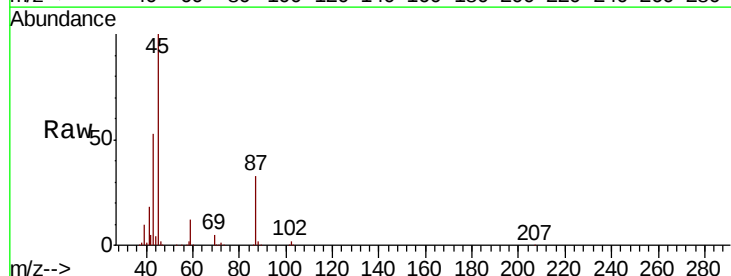
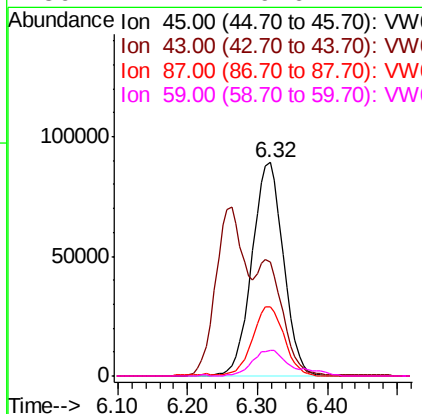
RT: 6.32 min Scan# 724

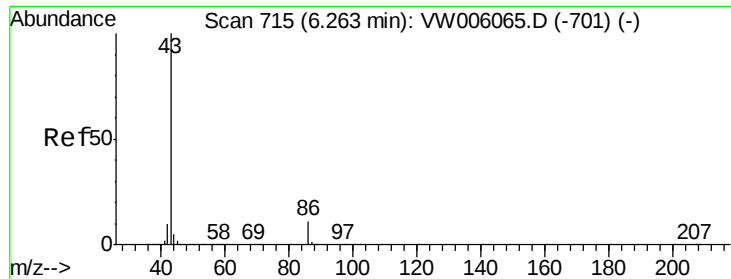
Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion:	45	Resp:	279396
Ion	Ratio	Lower	Upper
45	100		
43	52.9	45.7	68.5
87	32.4	25.9	38.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 111.680 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion: 43 Resp: 212146

Ion Ratio Lower Upper

43 100

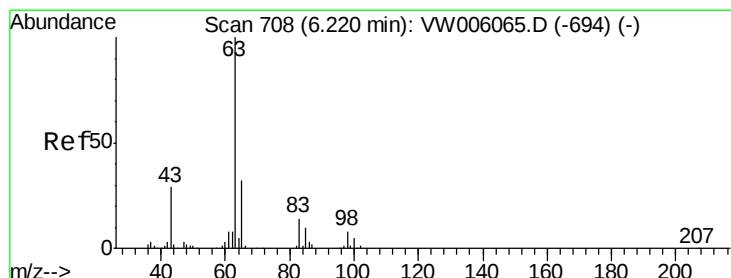
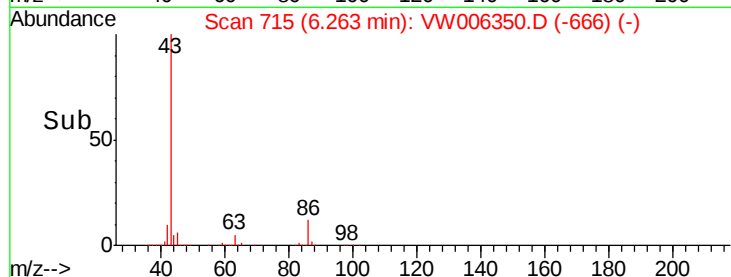
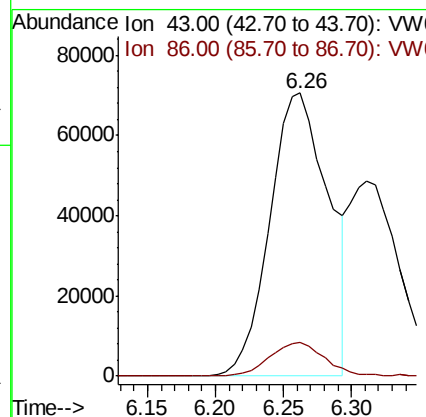
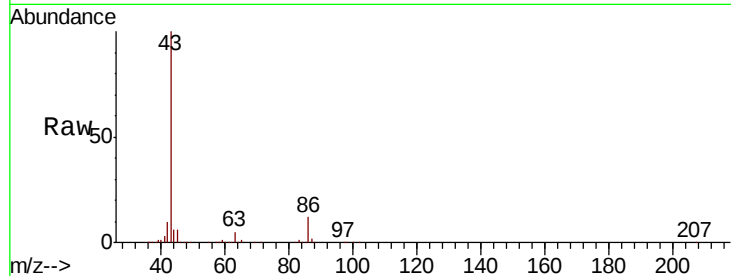
86 11.9 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 75.424 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

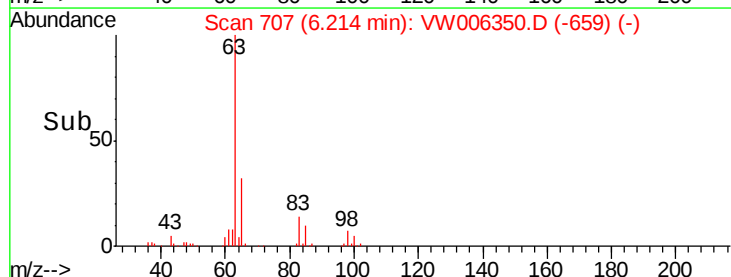
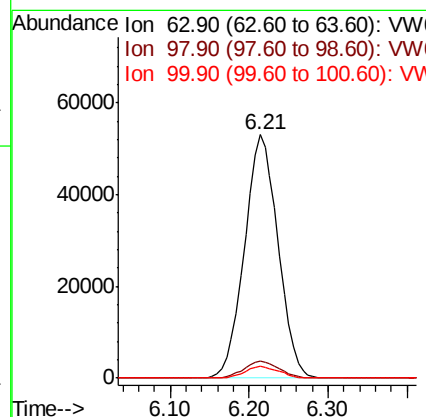
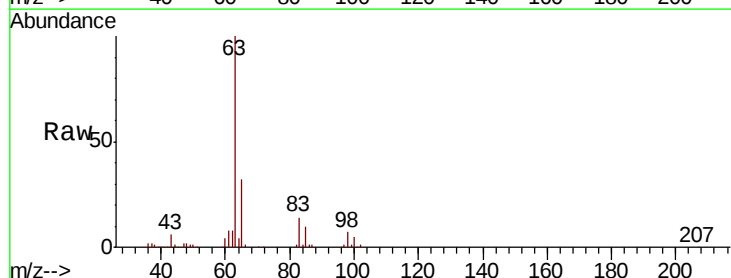
Tgt Ion: 63 Resp: 156653

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 550.596 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion: 43 Resp: 168129

Ion Ratio Lower Upper

43 100

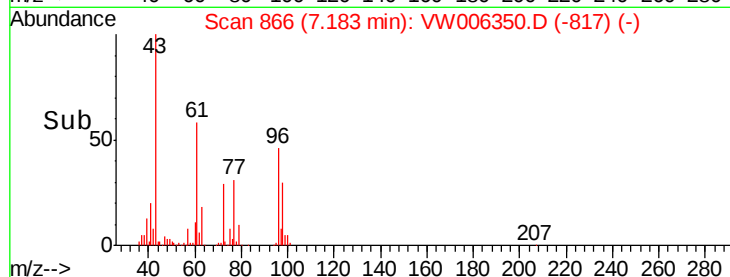
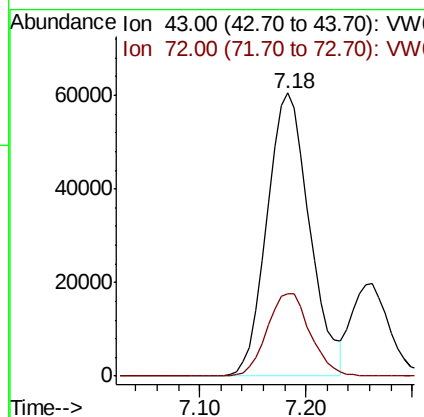
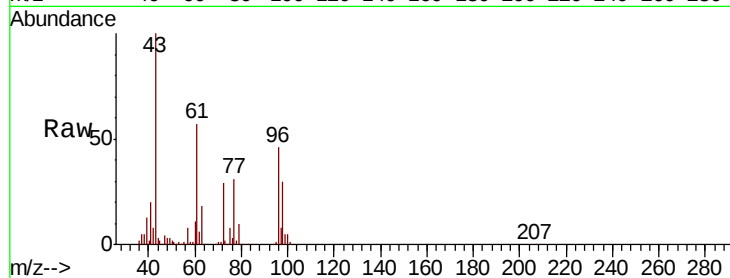
72 28.9 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 53.267 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006350.D

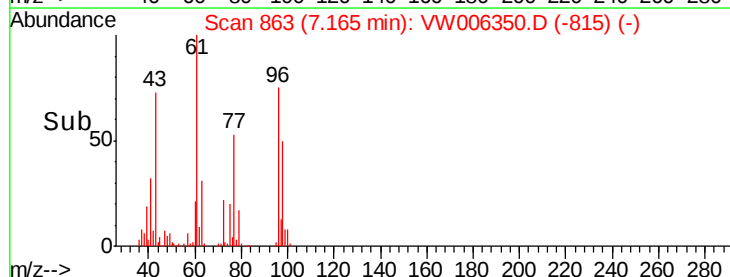
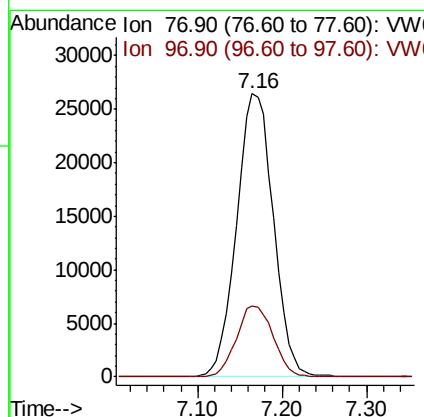
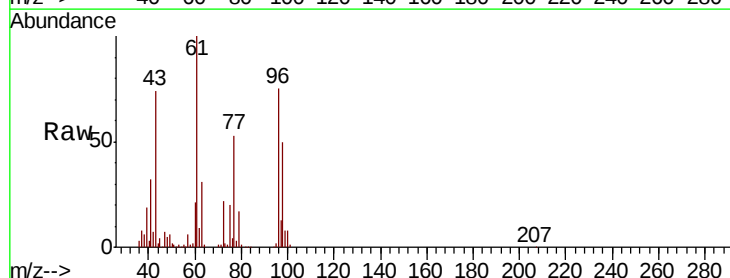
Acq: 25 Oct 2018 07:05

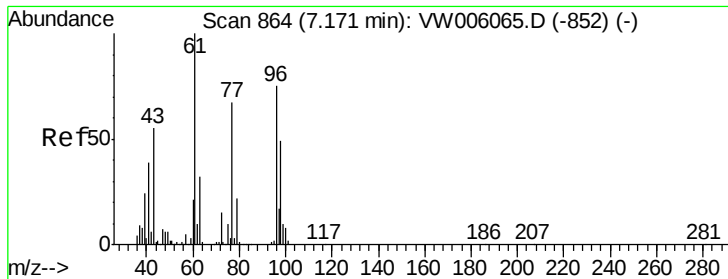
Tgt Ion: 77 Resp: 78029

Ion Ratio Lower Upper

77 100

97 25.1 12.2 36.4





#27

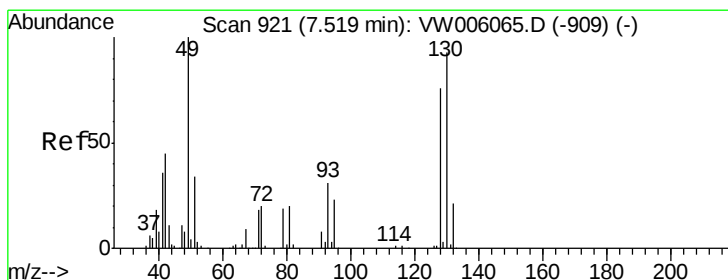
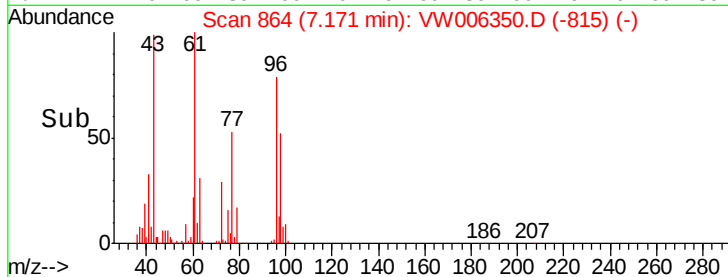
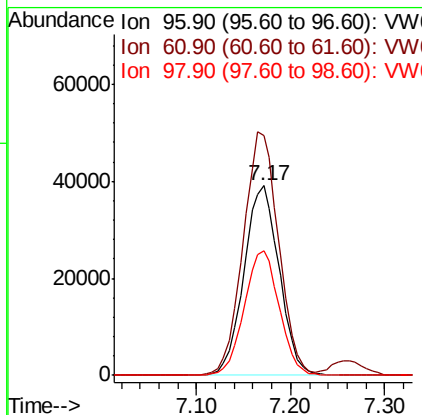
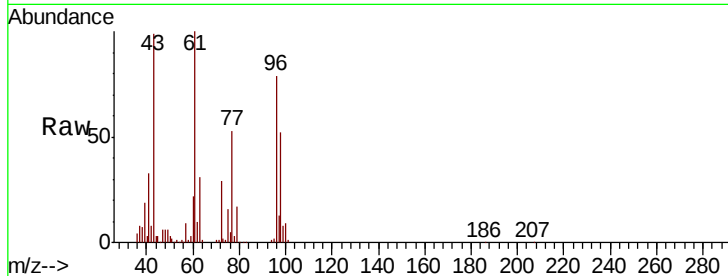
cis-1,2-Dichloroethene
 Concen: 72.905 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	267.2
98	65.3	0.0	128.6

Manual Integrations
 APPROVED

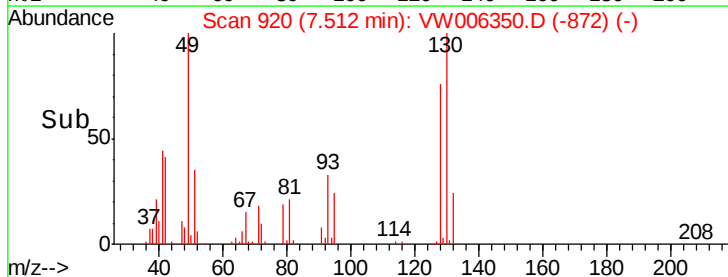
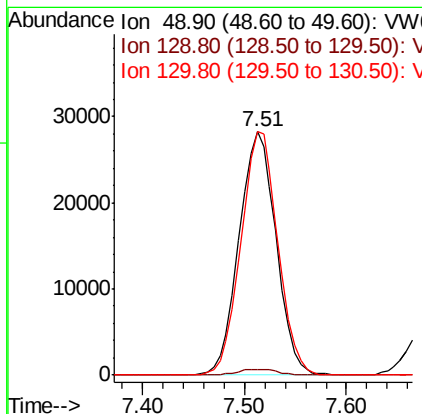
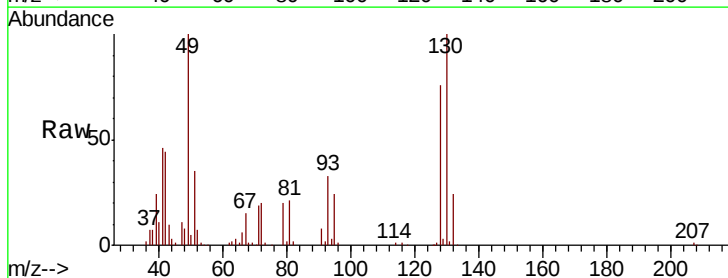
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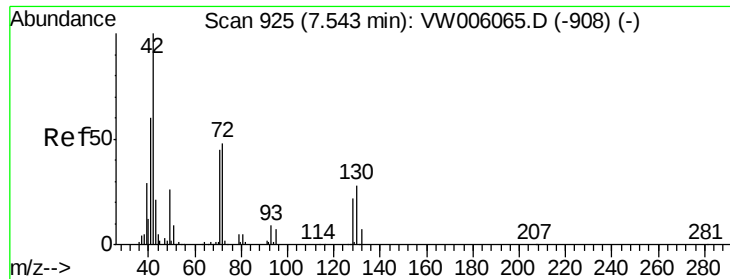


#28

Bromochloromethane
 Concen: 88.652 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	99.5	73.8	110.8





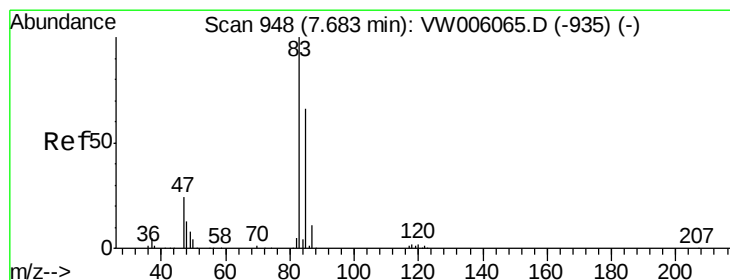
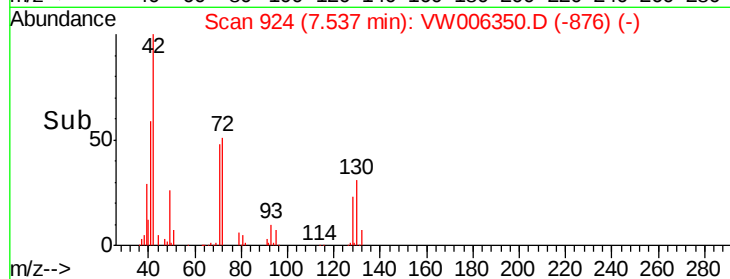
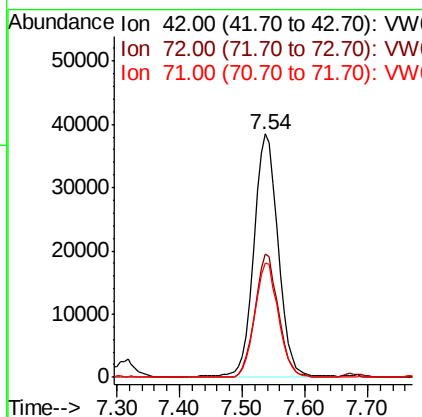
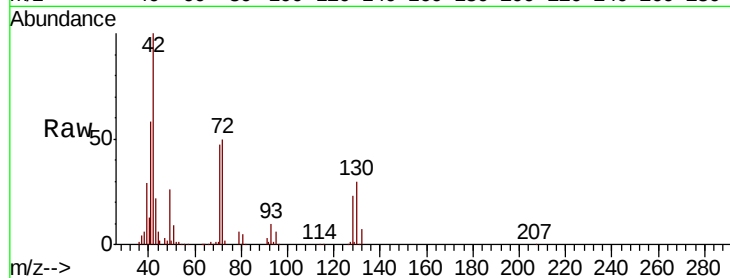
#29
Tetrahydrofuran
Concen: 552.828 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	38.0	57.0
71	45.6	35.3	52.9

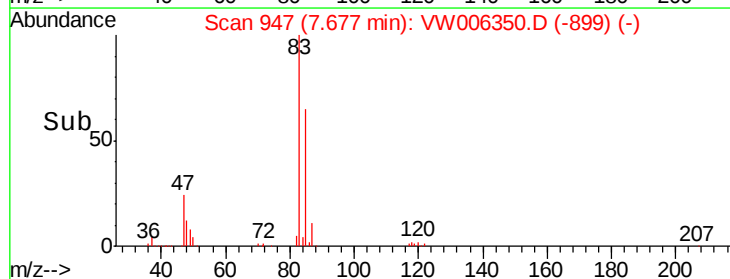
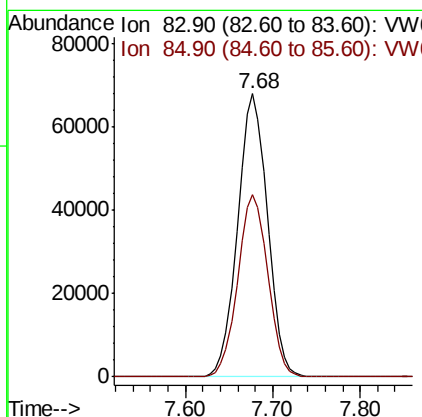
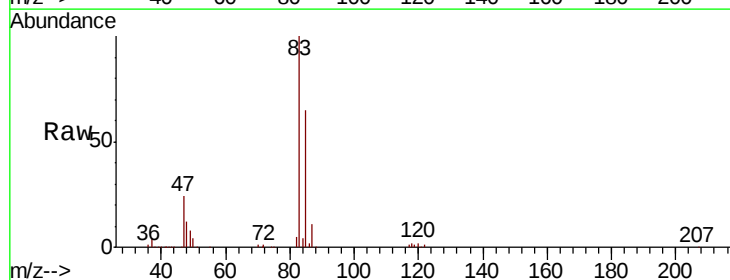
Manual Integrations
APPROVED

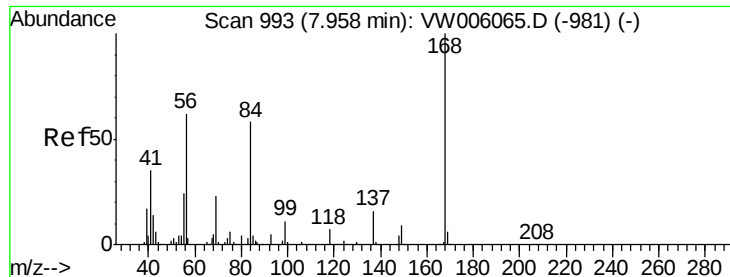
apatel
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#30
Chloroform
Concen: 71.399 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	79.0





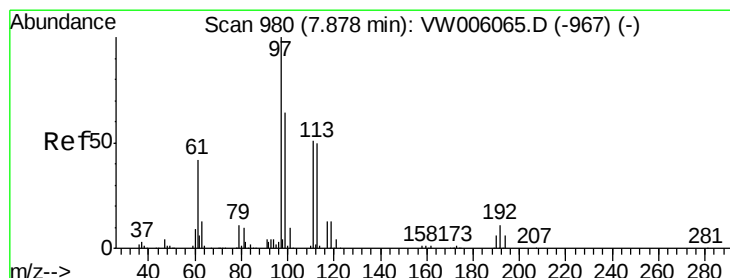
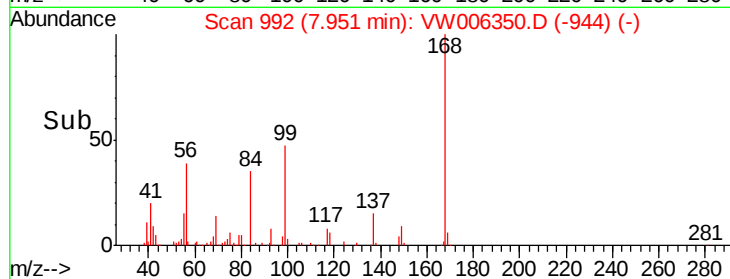
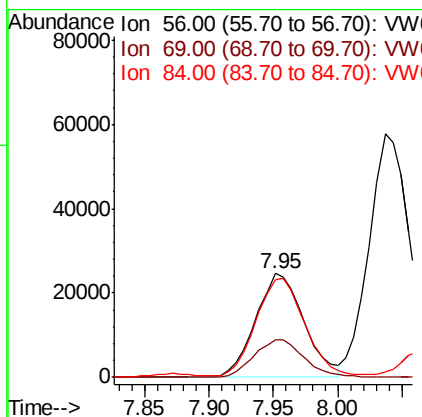
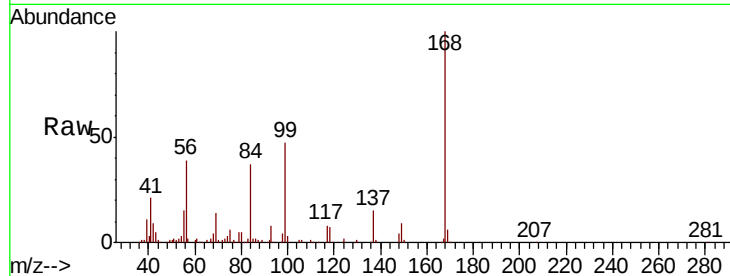
#31
Cyclohexane
Concen: 31.013 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	29.4	44.0
84	91.3	74.0	111.0

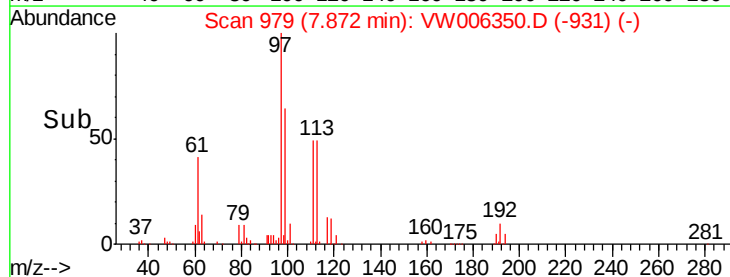
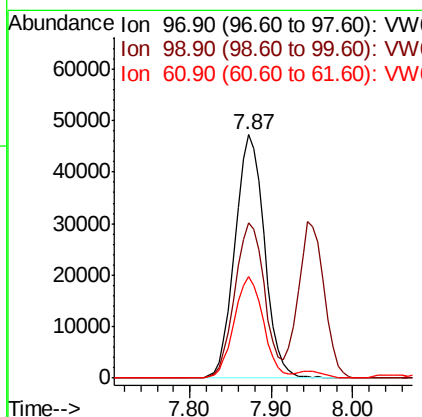
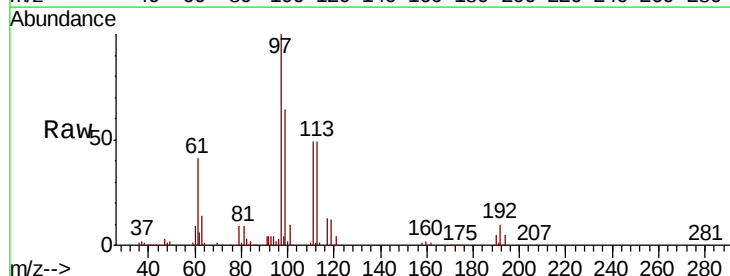
Manual Integrations
APPROVED

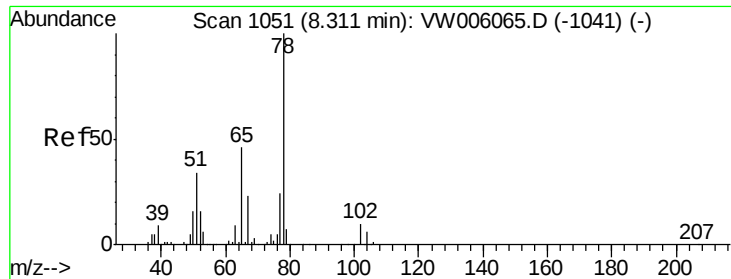
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#32
1,1,1-Trichloroethane
Concen: 57.739 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.9	76.3
61	41.4	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 76.936 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion: 65 Resp: 86963

Ion Ratio Lower Upper

65 100

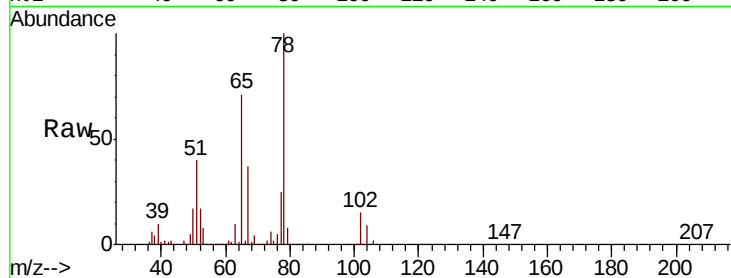
67 51.4 0.0 101.0

Manual Integrations

APPROVED

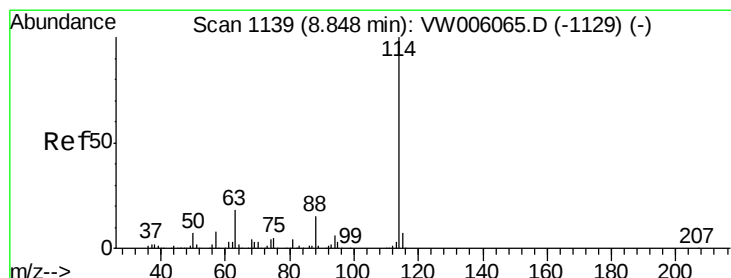
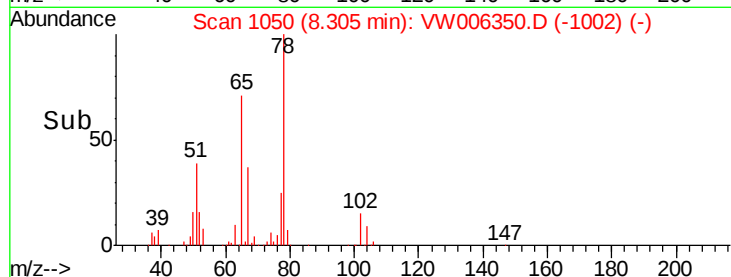
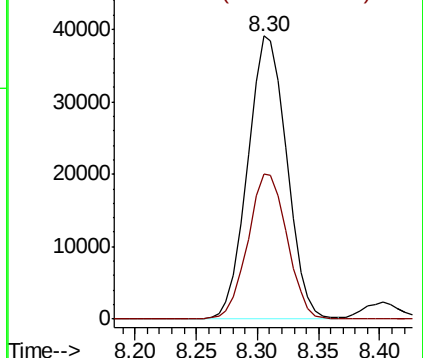
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

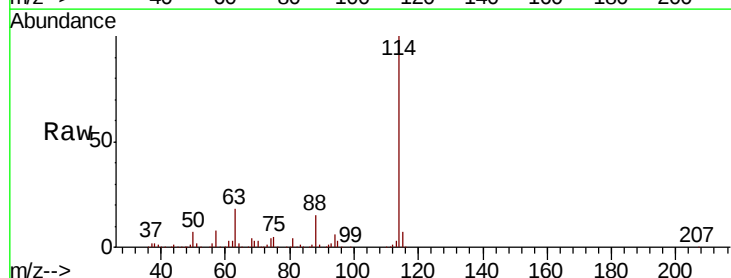
Tgt Ion: 114 Resp: 213688

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

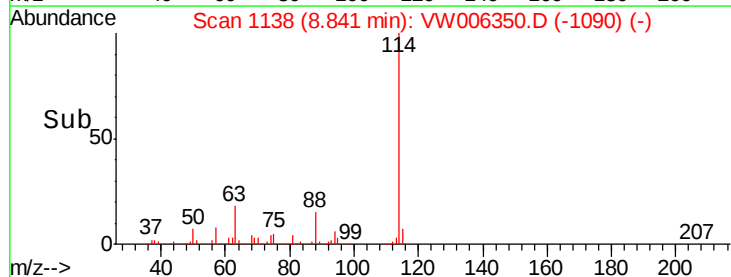
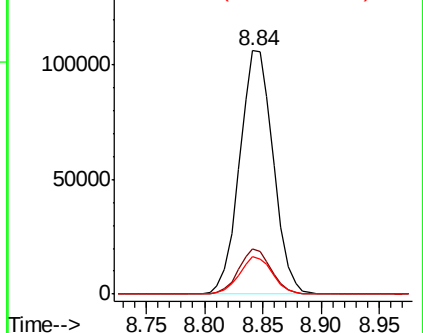
88 15.3 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





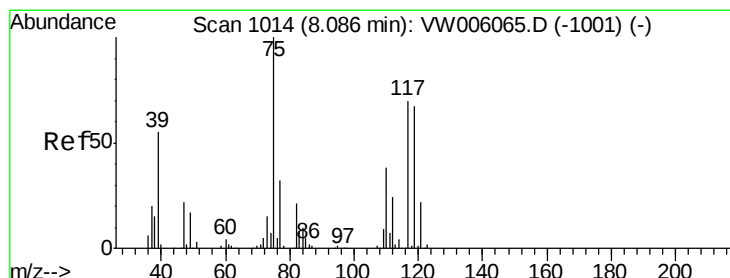
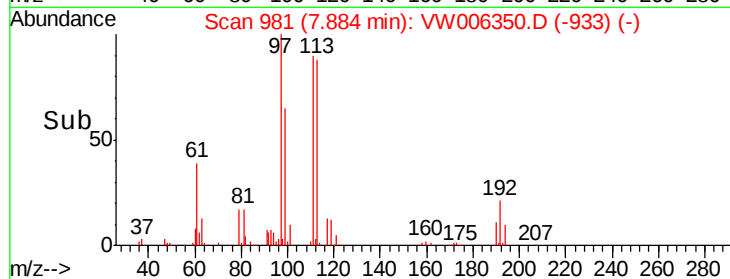
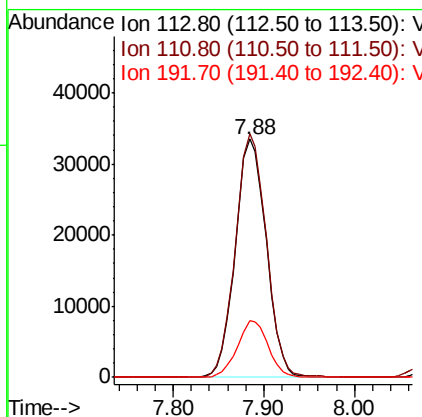
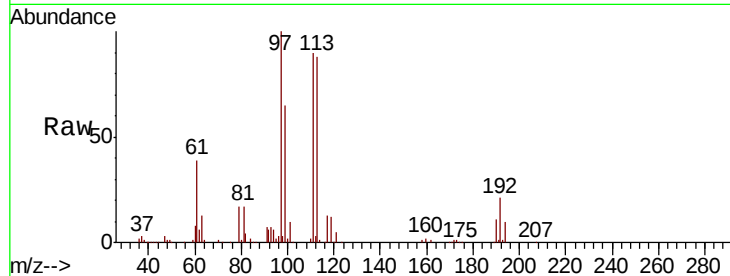
#35
Dibromofluoromethane
Concen: 62.823 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	23.5	18.7	28.1

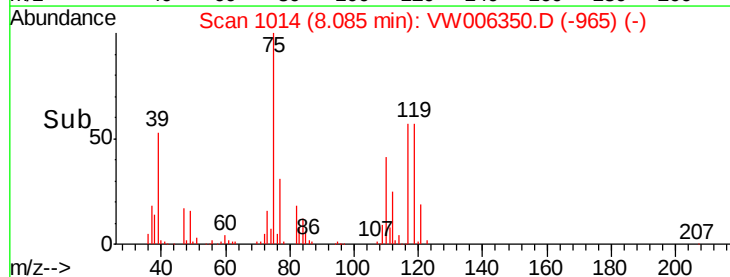
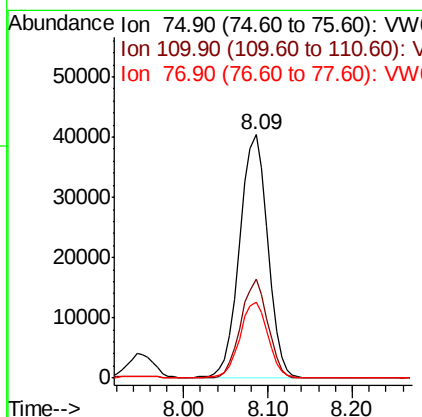
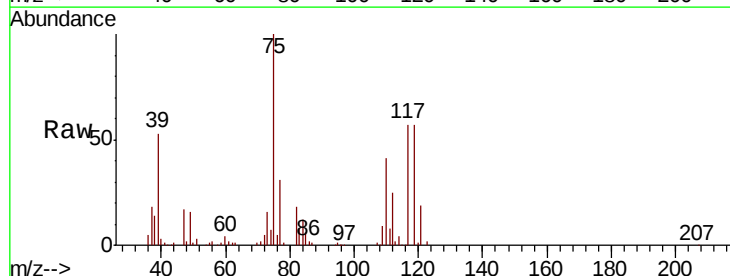
Manual Integrations
APPROVED

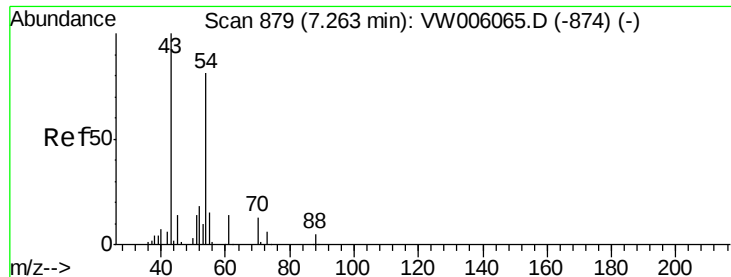
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#36
1,1-Dichloropropene
Concen: 46.138 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.1	57.1
77	31.1	25.0	37.4





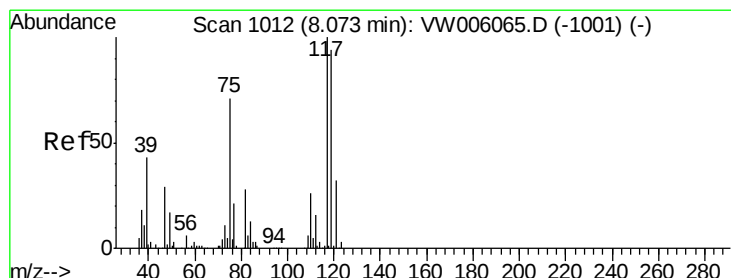
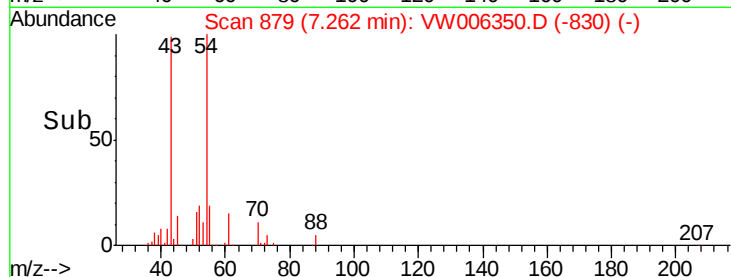
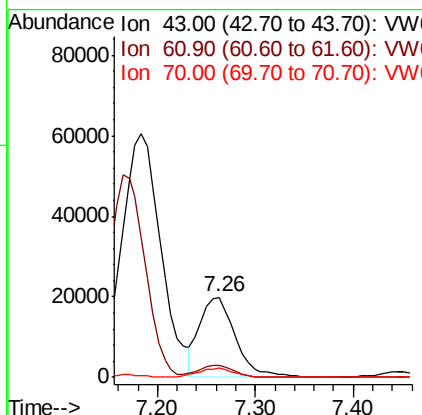
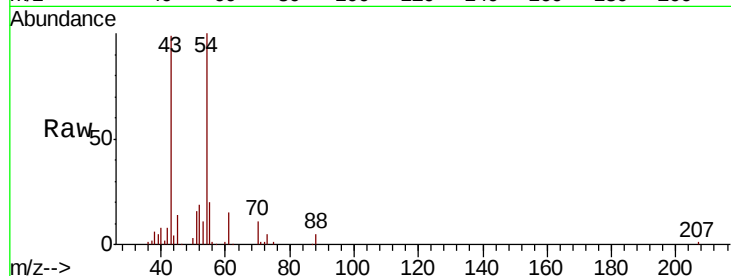
#37
Ethyl Acetate
Concen: 68.322 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	11.9	9.2	13.8

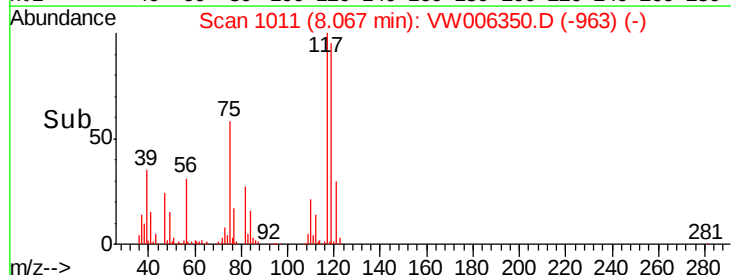
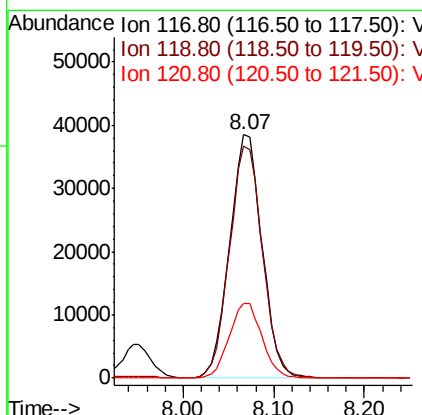
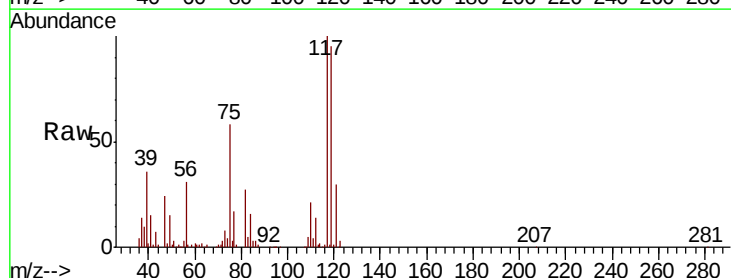
Manual Integrations
APPROVED

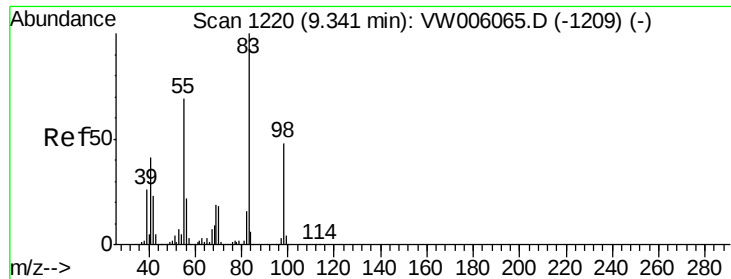
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#38
Carbon Tetrachloride
Concen: 44.229 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.2	112.8
121	30.4	25.3	37.9





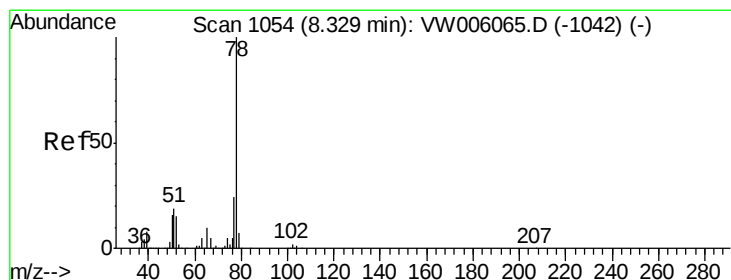
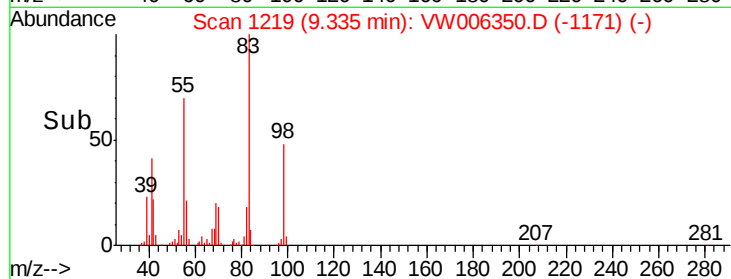
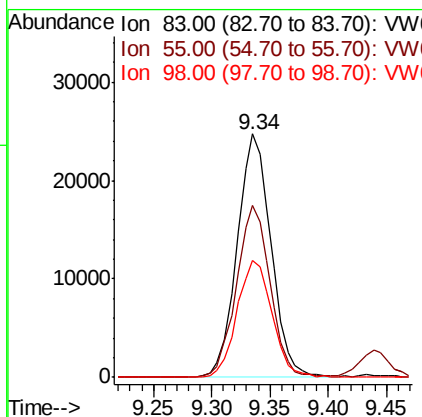
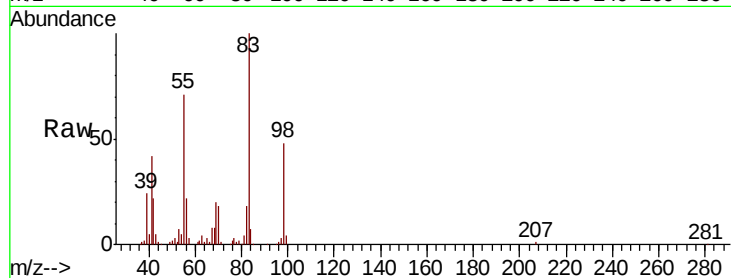
#39
Methvlcvclohexane
Concen: 19.192 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	55.0	82.6
98	48.3	38.6	57.8

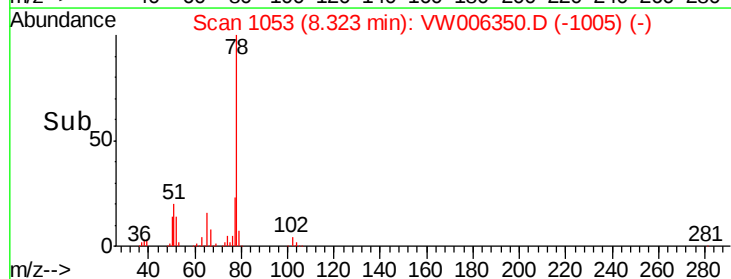
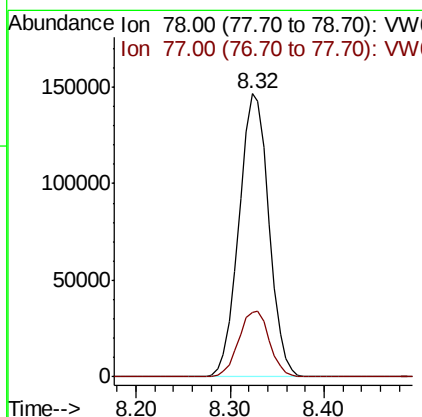
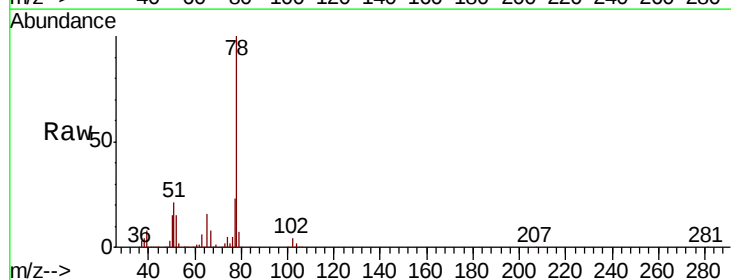
Manual Integrations
APPROVED

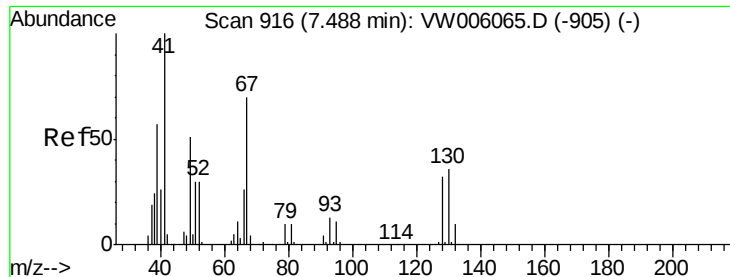
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#40
Benzene
Concen: 60.290 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.4	29.0





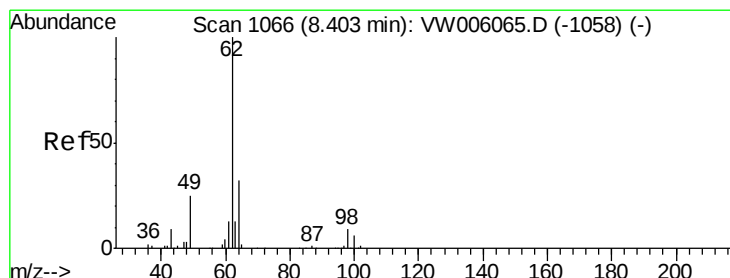
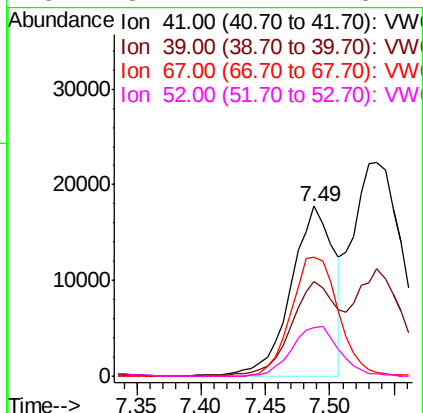
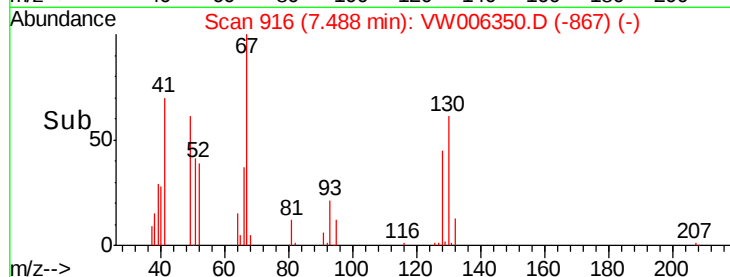
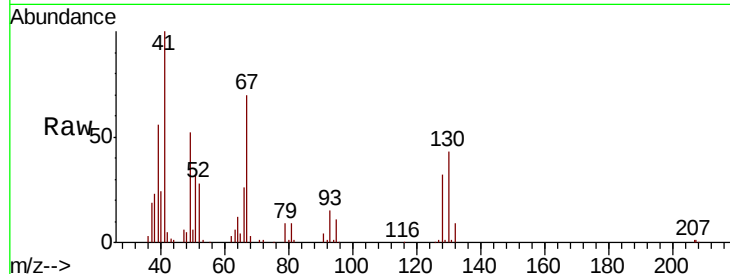
#41
Methacrylonitrile
Concen: 93.581 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		41283		
39	62.4	46.2	69.4		
67	76.9	57.7	86.5		
52	32.1	24.7	37.1		

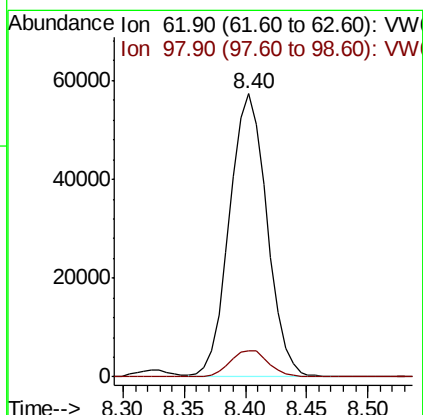
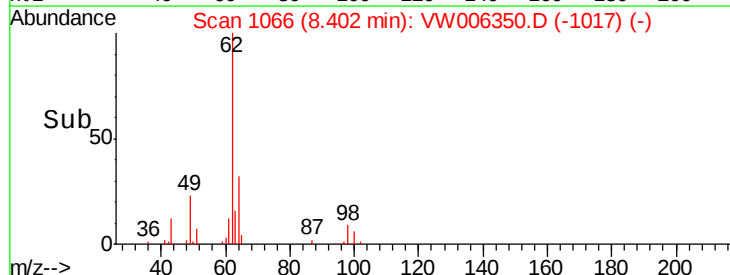
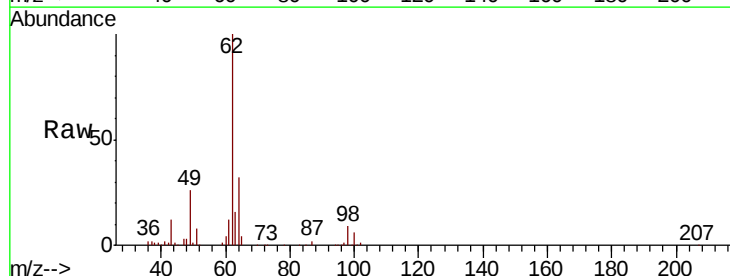
Manual Integrations
APPROVED

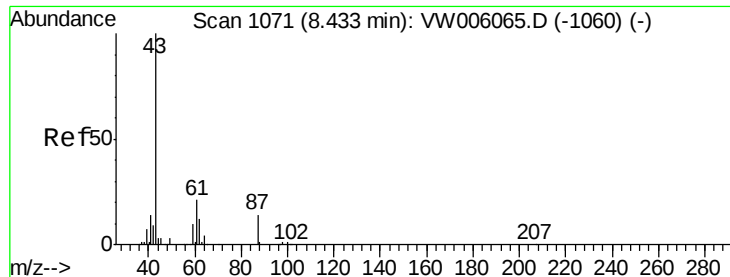
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#42
1,2-Dichloroethane
Concen: 76.882 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		122038		
98	9.5	0.0	18.4		





#43

Isopropyl Acetate

Concen: 69.248 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

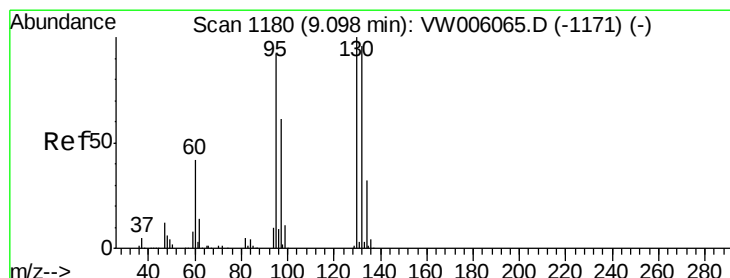
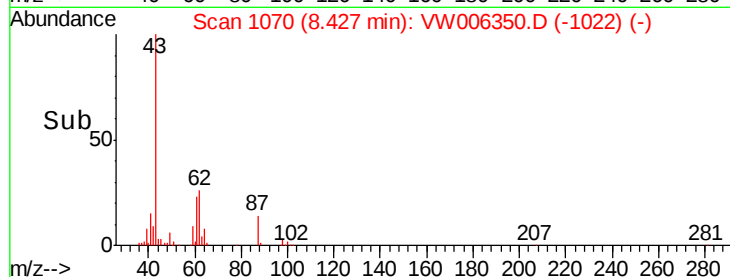
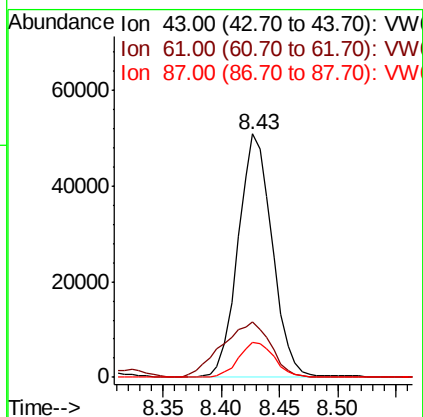
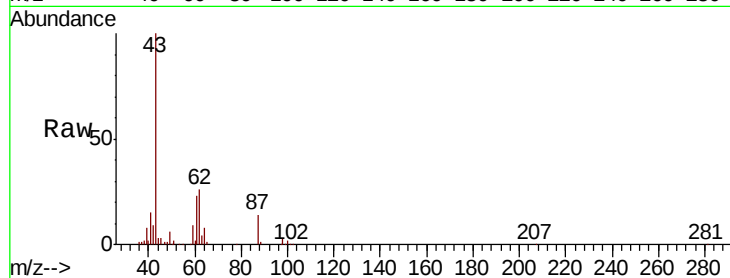
ClientSampleId :

PA-SB-01BMS

Tot Ion:	43	Resp:	103612
Ion	Ratio	Lower	Upper
43	100		
61	32.6	25.5	38.3
87	15.0	11.7	17.5

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#44

Trichloroethene

Concen: 47.380 ug/l

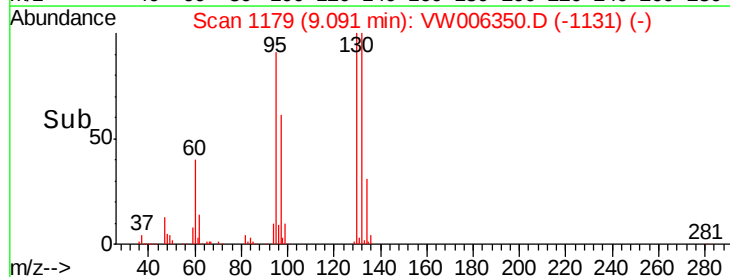
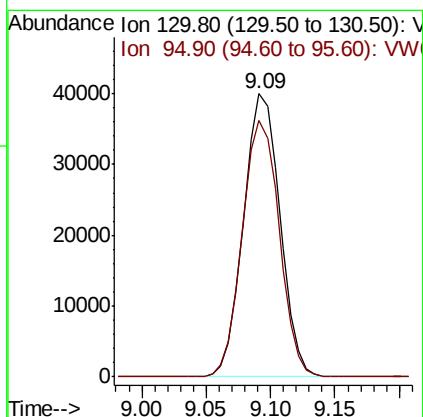
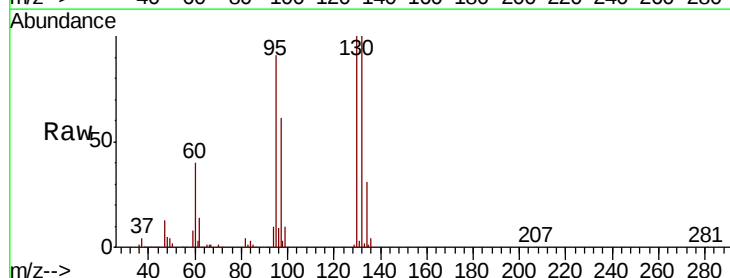
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion:	130	Resp:	78535
Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	183.2





#45

1,2-Dichloropropane

Concen: 61.191 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion: 63 Resp: 79111

Ion Ratio Lower Upper

63 100

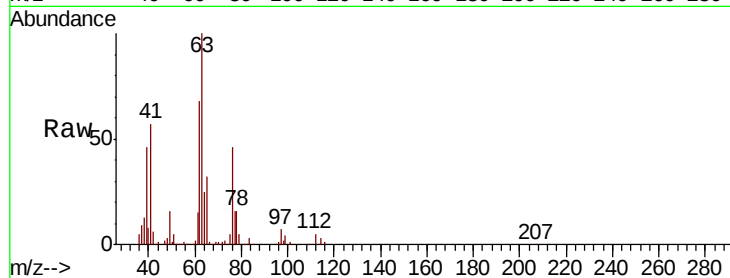
65 31.7 25.4 38.0

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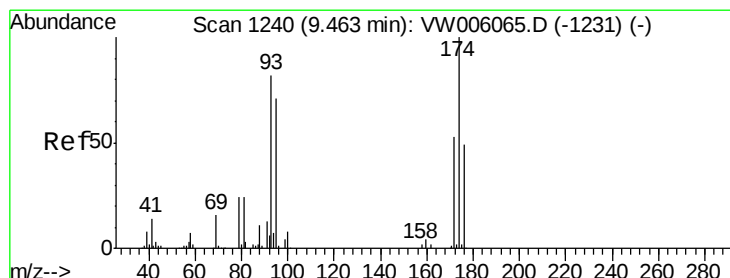
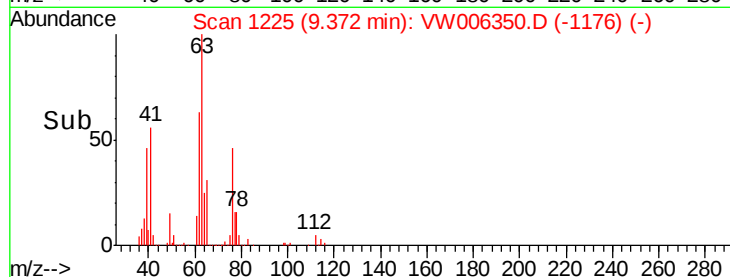
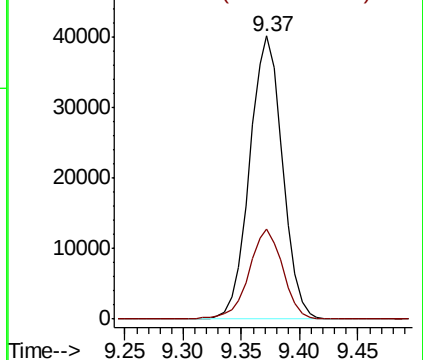
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 72.870 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

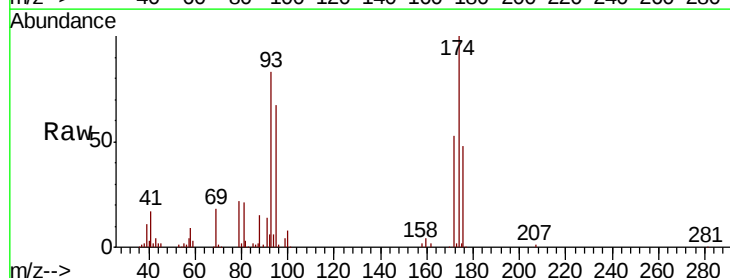
Tgt Ion: 93 Resp: 53695

Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

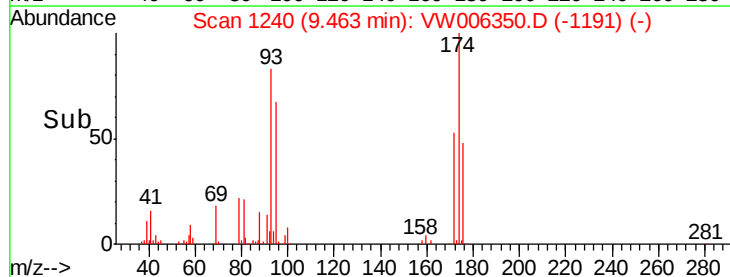
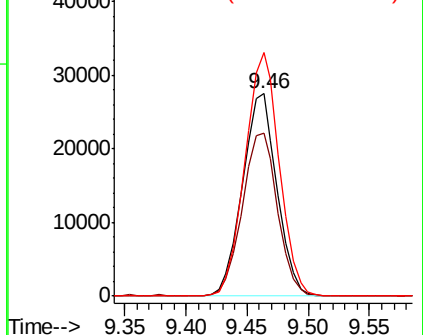
174 119.9 93.7 140.5

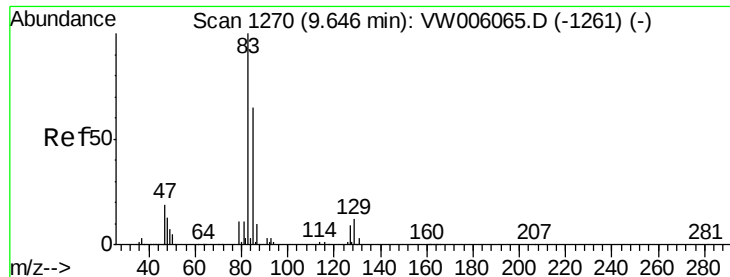


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.512 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

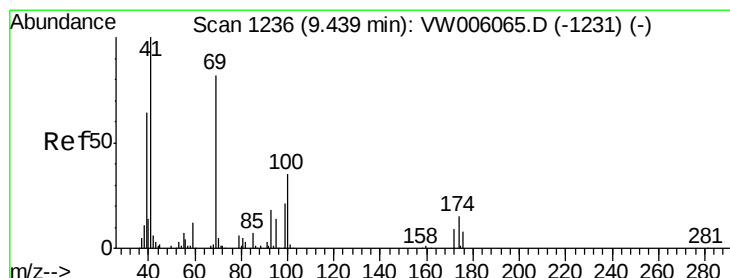
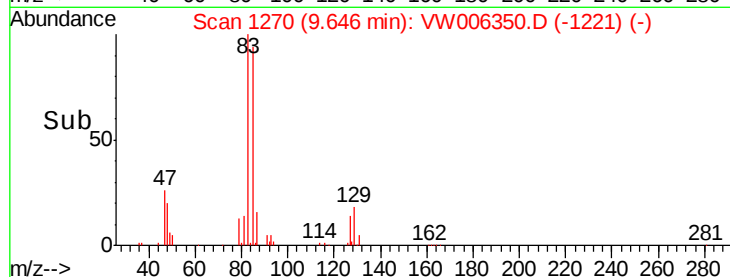
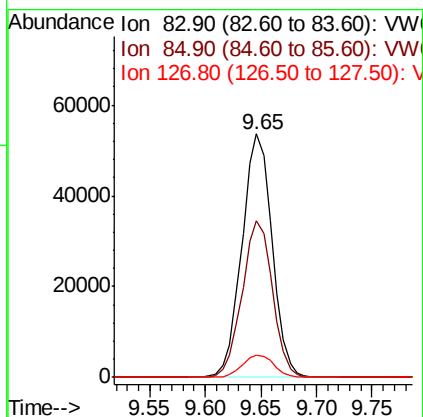
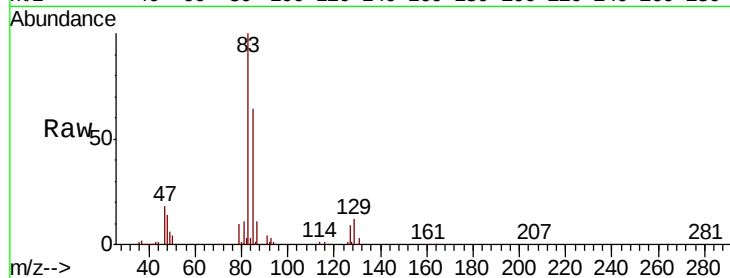
ClientSampleId :

PA-SB-01BMS

Tot Ion:	83	Resp:	100958
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.8	77.8
127	9.2	6.9	10.3

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#48

Methyl methacrylate

Concen: 100.855 ug/l

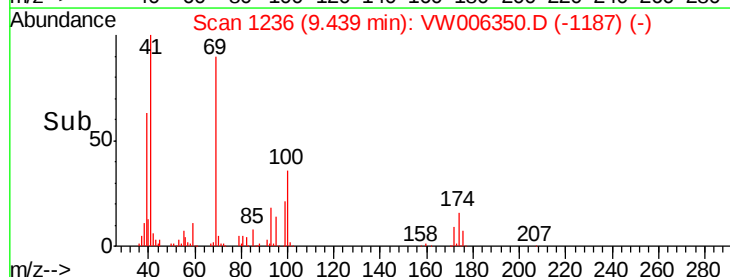
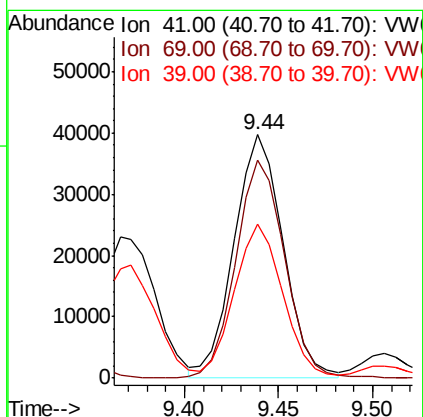
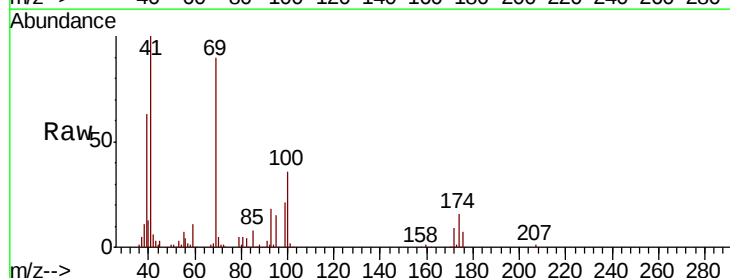
RT: 9.44 min Scan# 1236

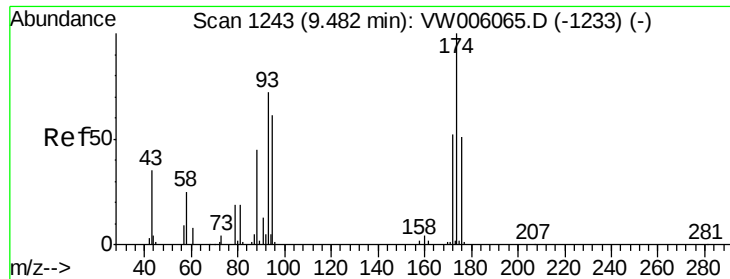
Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion:	41	Resp:	71530
Ion Ratio	Lower	Upper	
41	100		
69	89.3	71.8	107.8
39	62.2	52.5	78.7





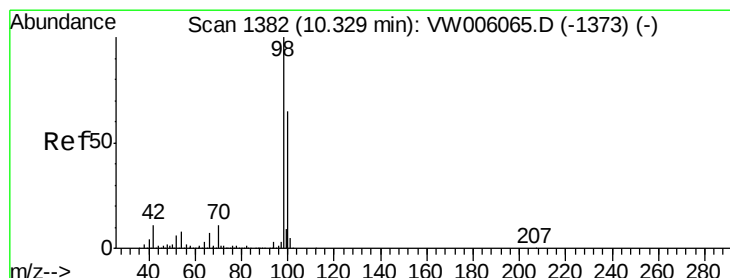
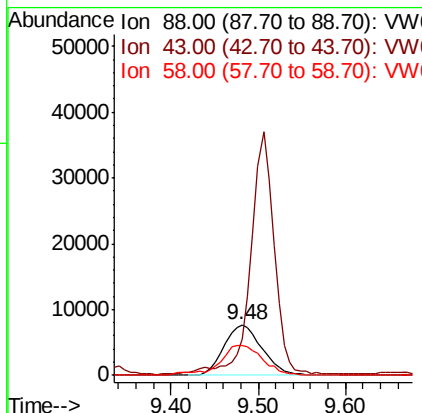
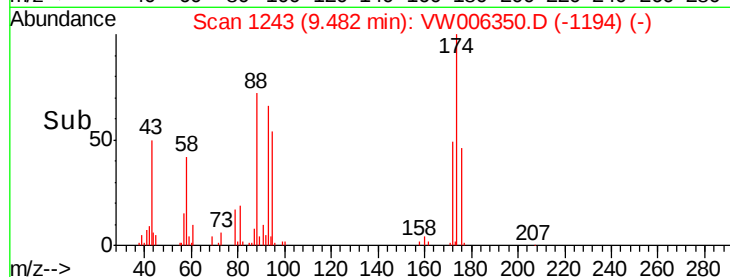
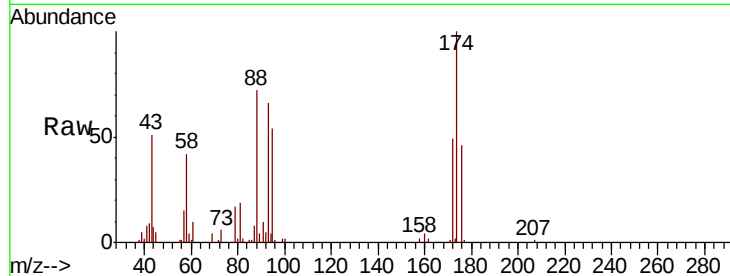
#49
1,4-Dioxane
Concen: 2034.164 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.4	51.2	76.8

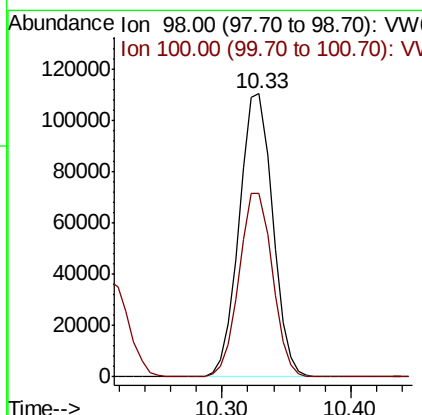
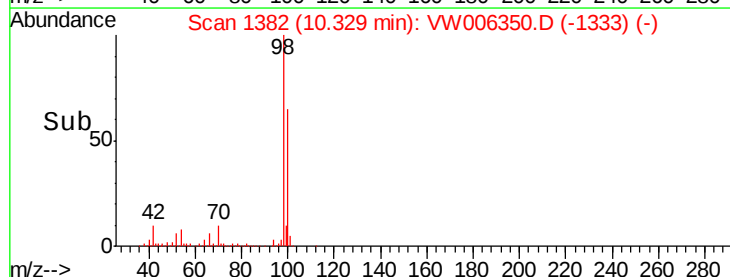
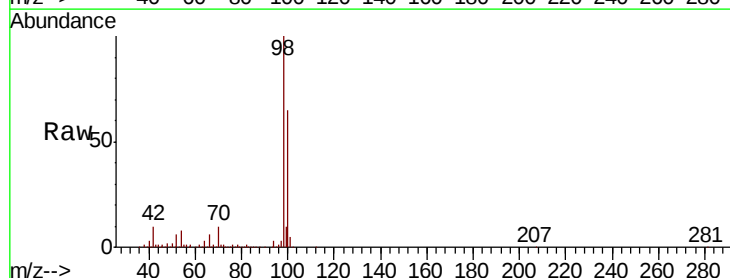
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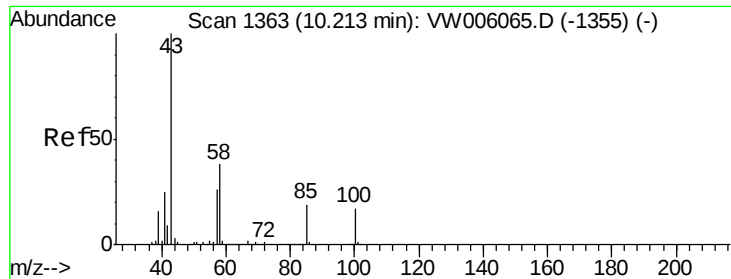
apatel
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#50
Toluene-d8
Concen: 41.388 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 459.232 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion: 43 Resp: 344273

Ion Ratio Lower Upper

43 100

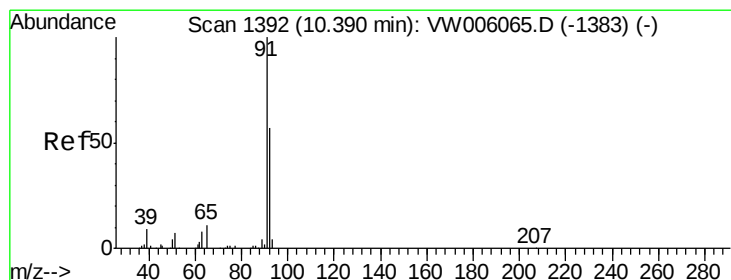
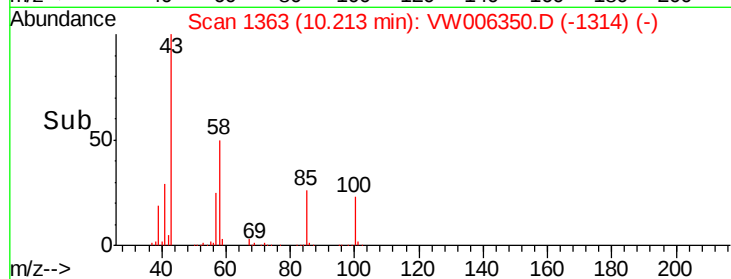
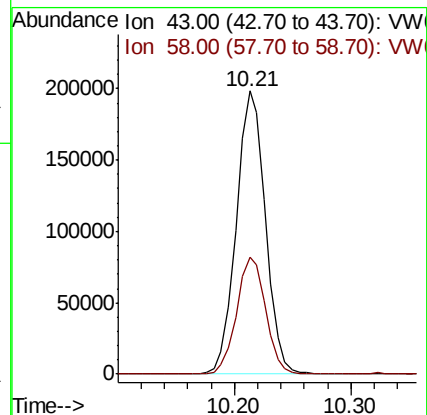
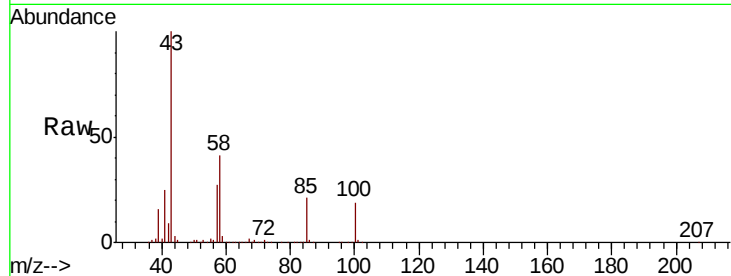
58 41.4 31.5 47.3

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#52

Toluene

Concen: 44.203 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006350.D

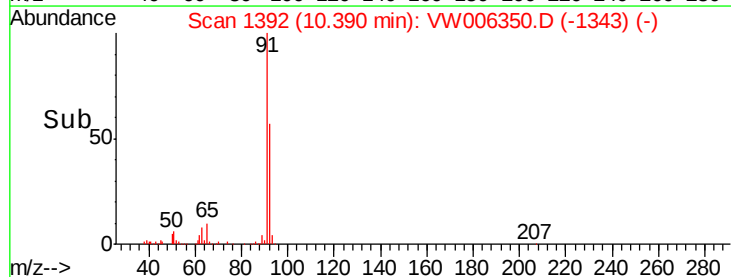
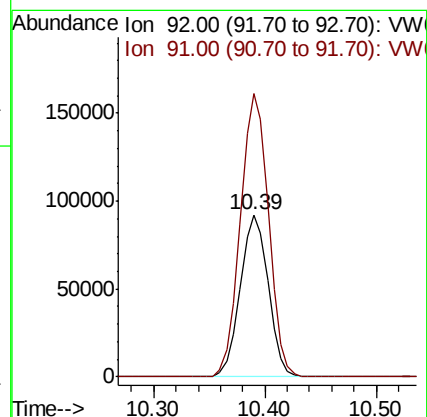
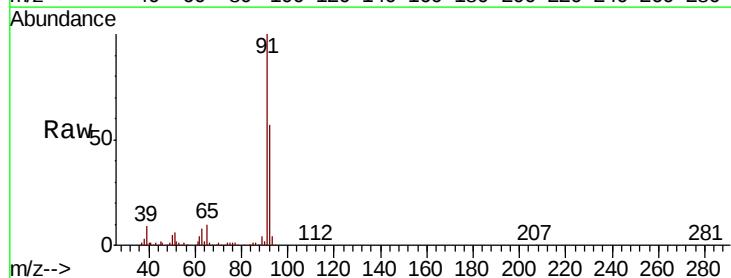
Acq: 25 Oct 2018 07:05

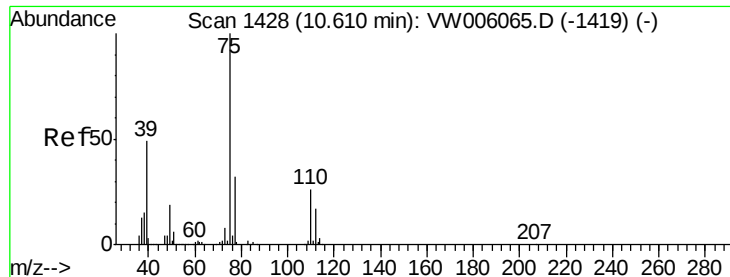
Tgt Ion: 92 Resp: 160110

Ion Ratio Lower Upper

92 100

91 175.7 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 54.606 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion: 75 Resp: 97195

Ion Ratio Lower Upper

75 100

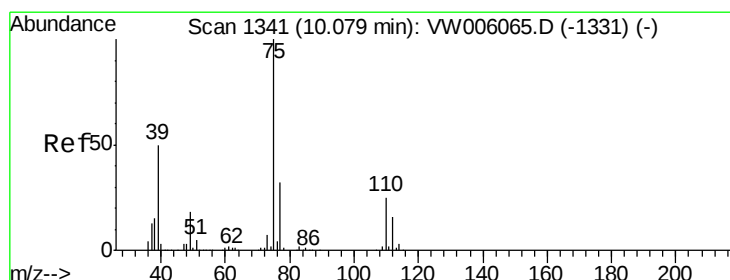
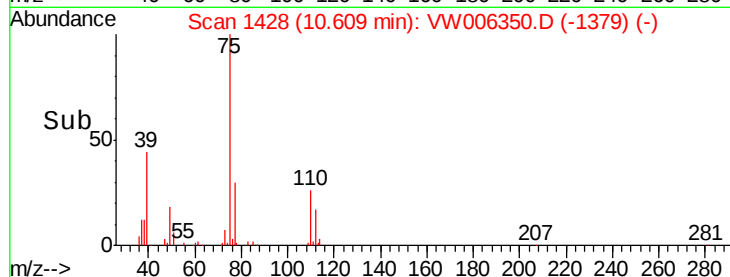
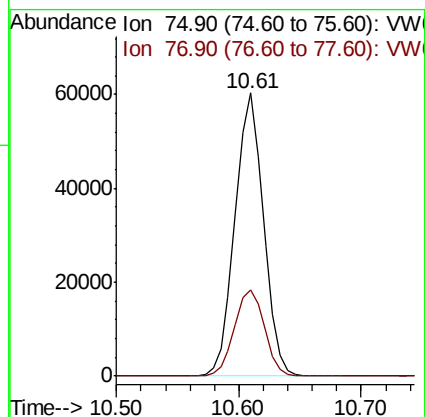
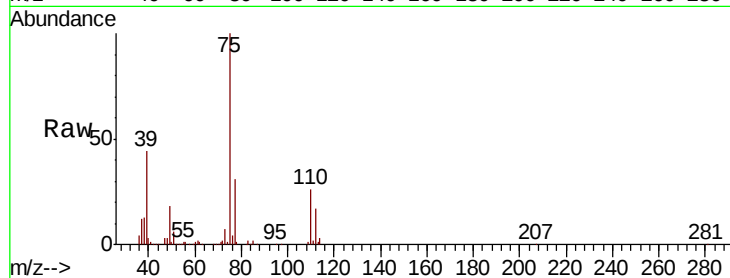
77 30.7 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 56.623 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

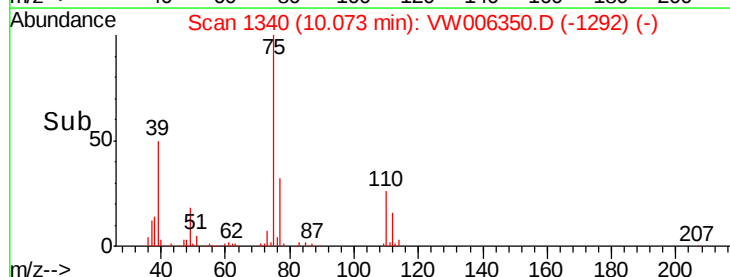
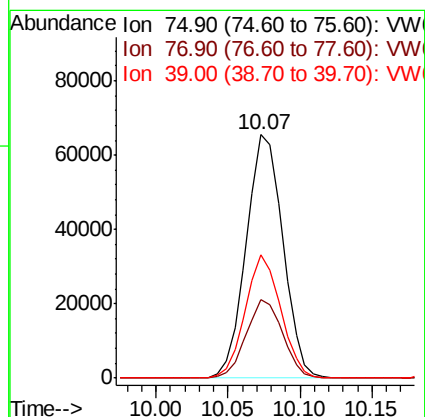
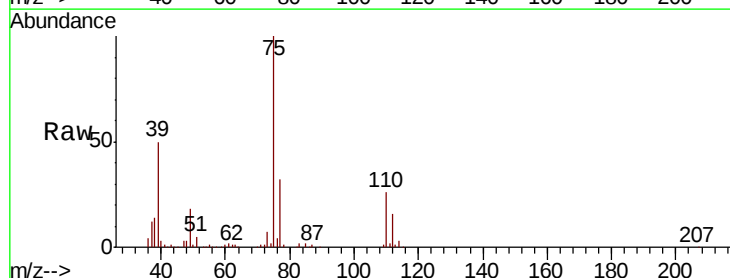
Tgt Ion: 75 Resp: 115669

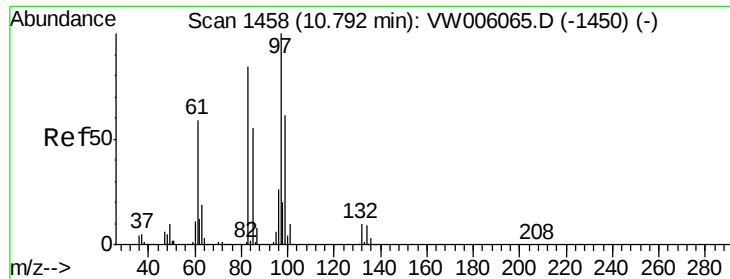
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 50.3 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 66.704 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

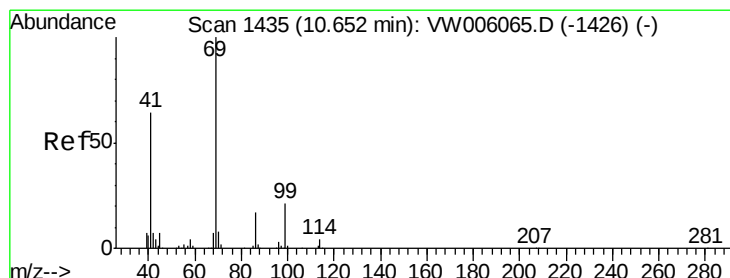
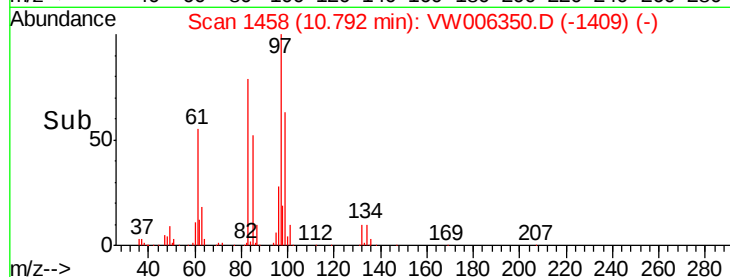
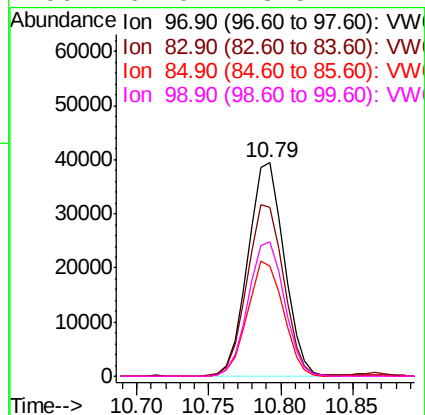
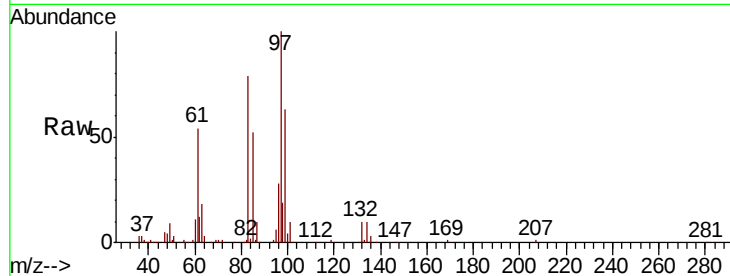
ClientSampleId :

PA-SB-01BMS

Tot Ion:	97	Resp:	68782
Ion	Ratio	Lower	Upper
97	100		
83	79.2	67.2	100.8
85	51.6	43.7	65.5
99	62.9	48.5	72.7

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#56

Ethyl methacrylate

Concen: 67.928 ug/l

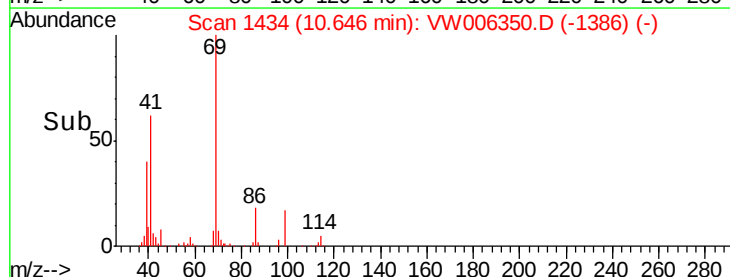
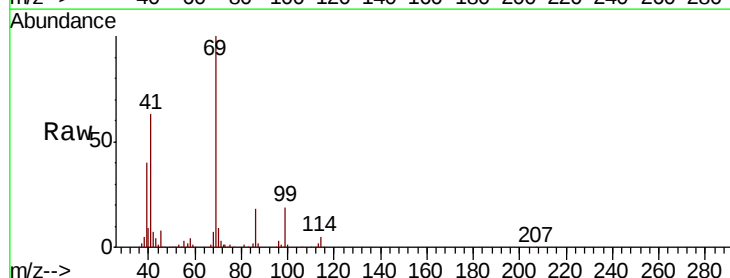
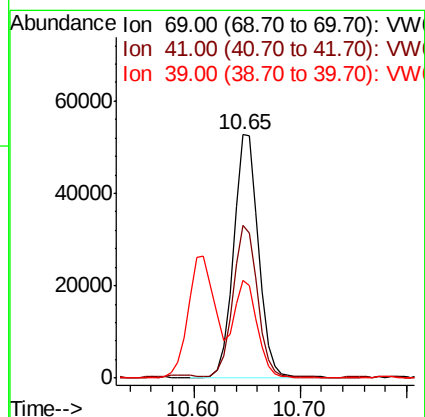
RT: 10.65 min Scan# 1434

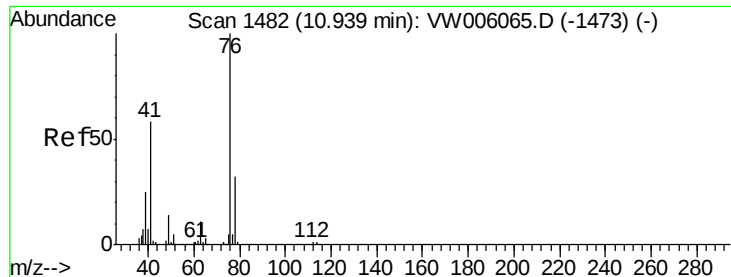
Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion:	69	Resp:	85869
Ion	Ratio	Lower	Upper
69	100		
41	62.0	52.8	79.2
39	37.9	30.6	45.8





#57

1,3-Dichloropropane

Concen: 64.964 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion: 76 Resp: 110892

Ion Ratio Lower Upper

76 100

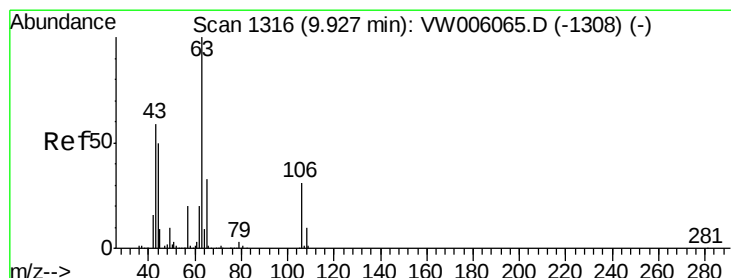
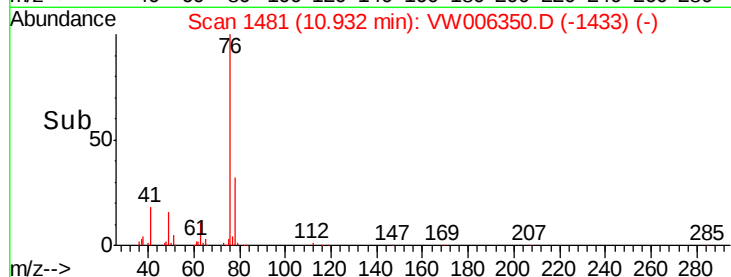
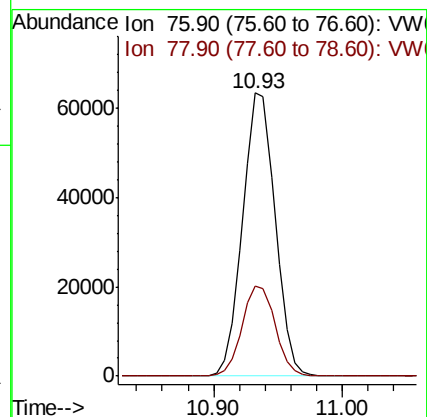
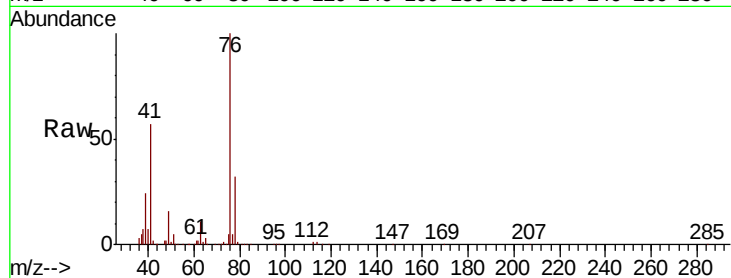
78 32.4 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 367.959 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006350.D

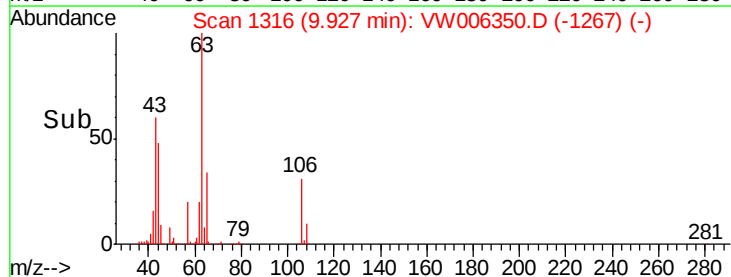
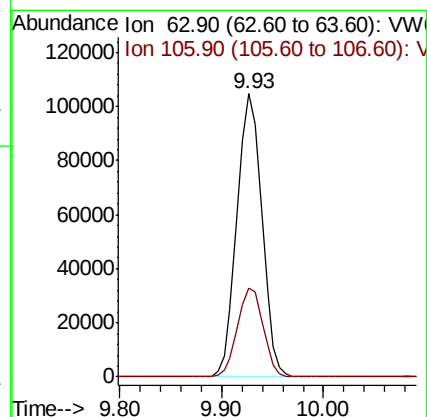
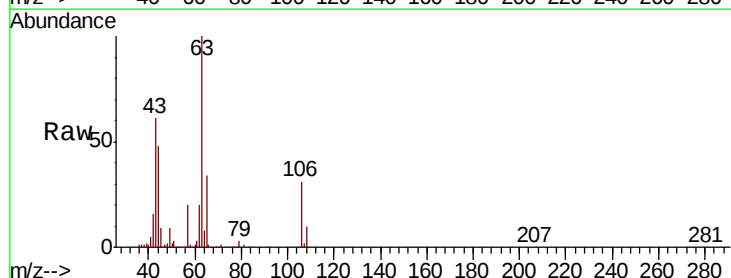
Acq: 25 Oct 2018 07:05

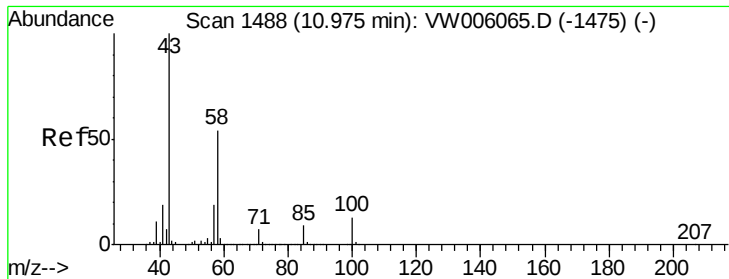
Tgt Ion: 63 Resp: 177736

Ion Ratio Lower Upper

63 100

106 32.0 24.5 36.7





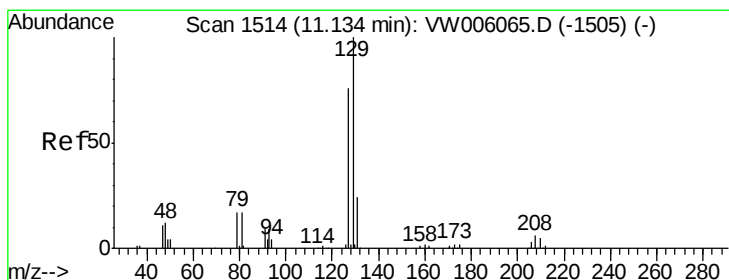
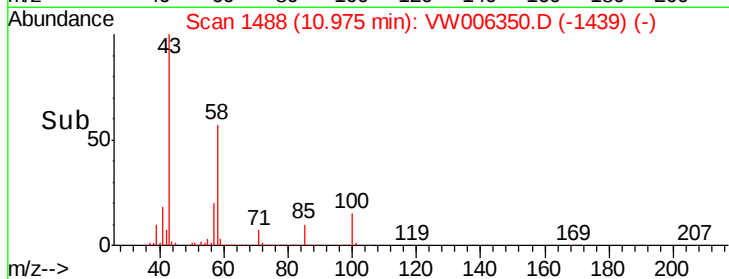
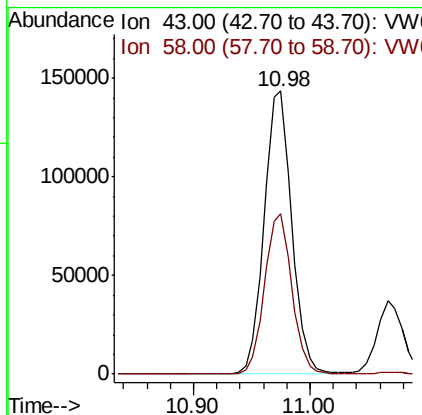
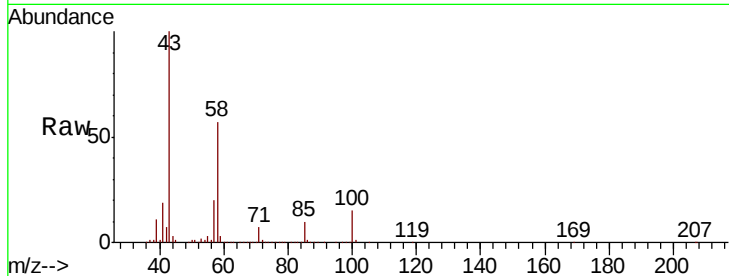
#59
2-Hexanone
Concen: 441.729 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion: 43 Resp: 236388
Ion Ratio Lower Upper
43 100
58 56.3 26.9 80.6

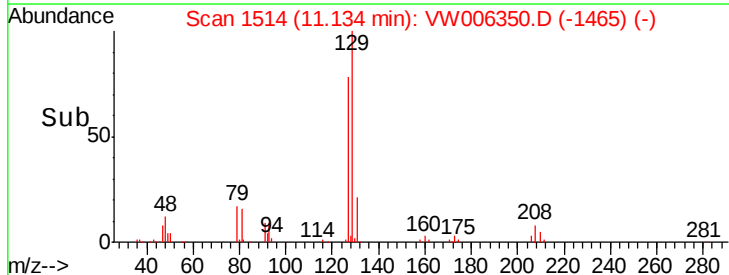
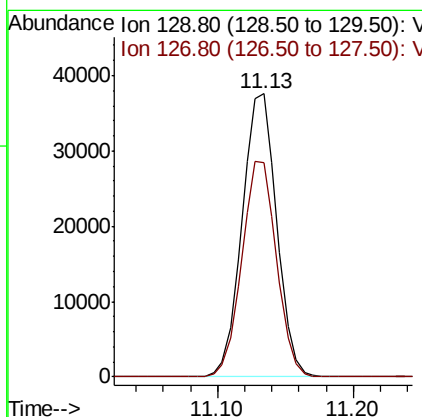
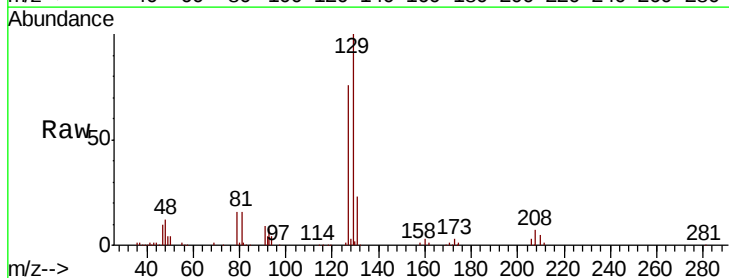
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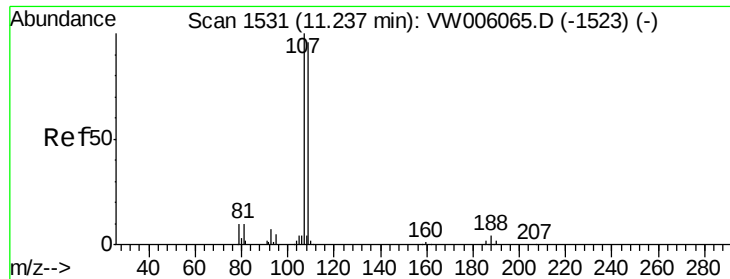
apatel
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#60
Dibromochloromethane
Concen: 52.001 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion: 129 Resp: 66791
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7





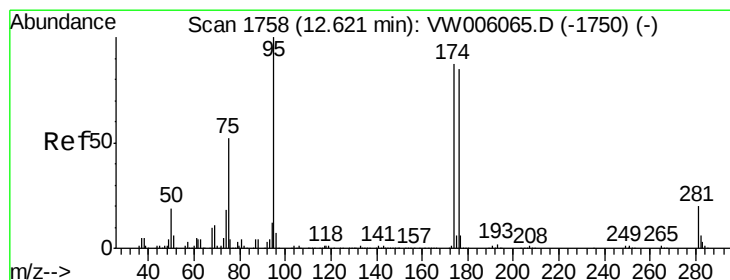
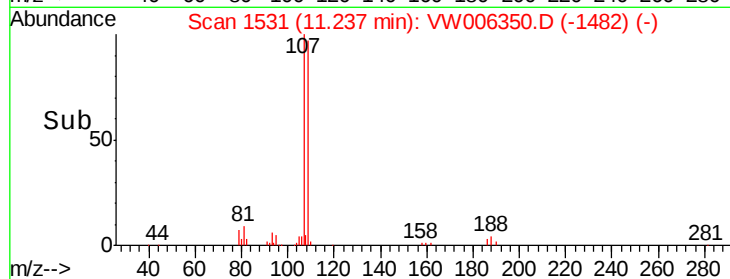
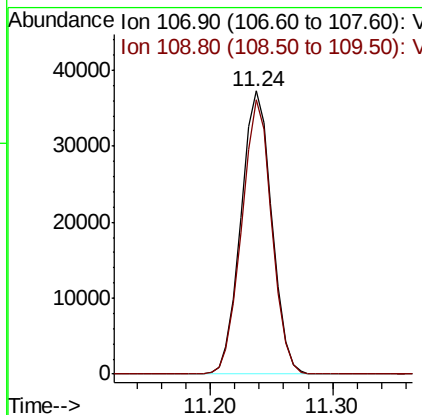
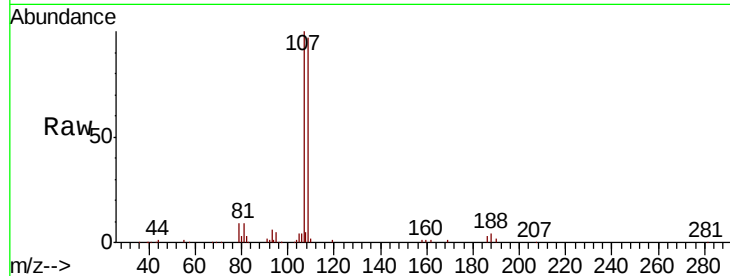
#61
 1,2-Dibromoethane
 Concen: 63.328 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.3	114.5

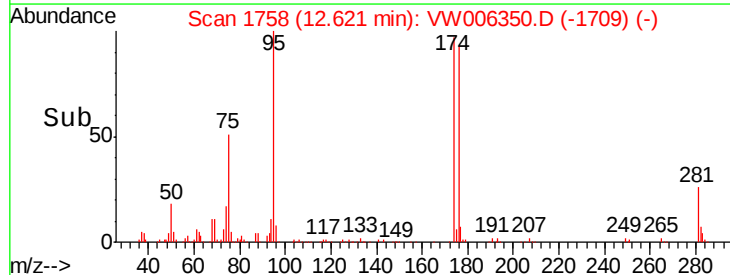
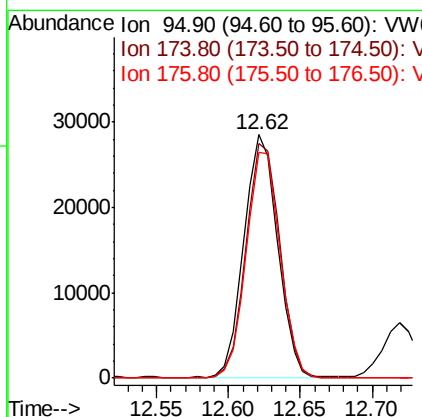
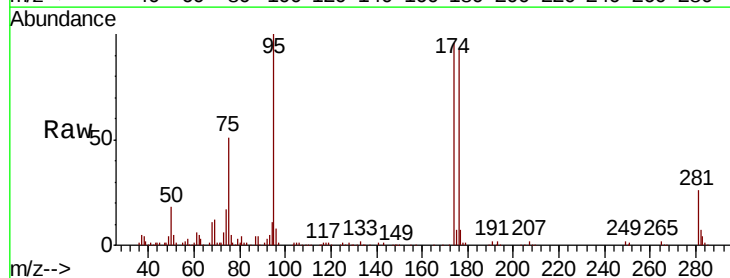
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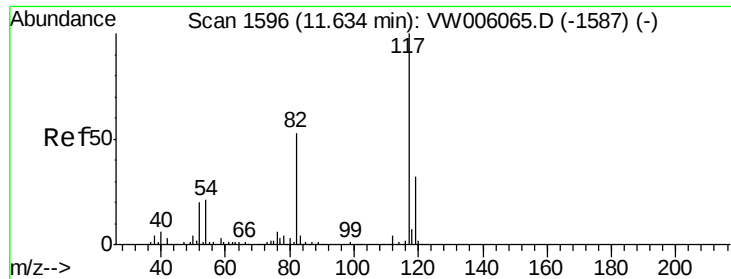
apatel
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#62
 4-Bromofluorobenzene
 Concen: 25.441 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	186.0
176	94.0	0.0	181.6





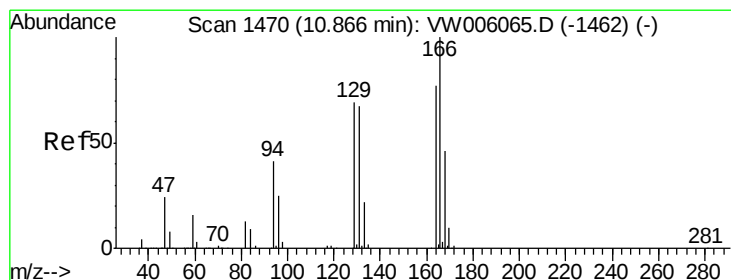
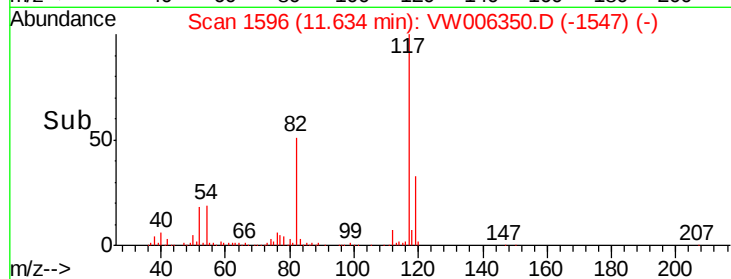
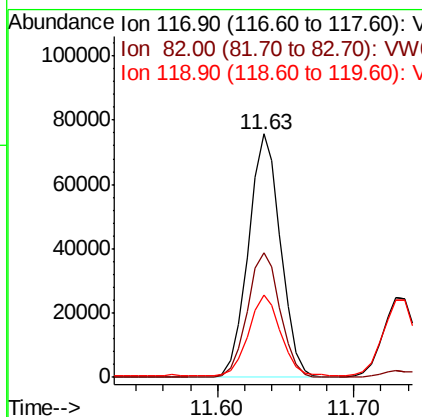
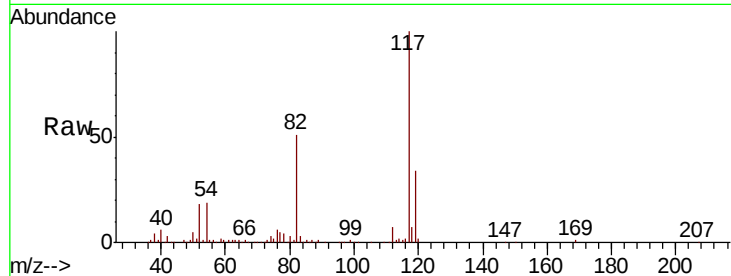
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.1	63.1
119	33.1	25.8	38.6

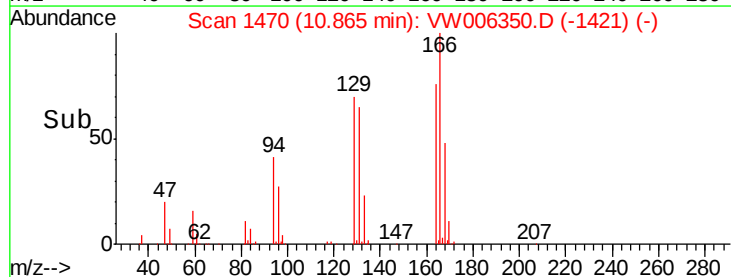
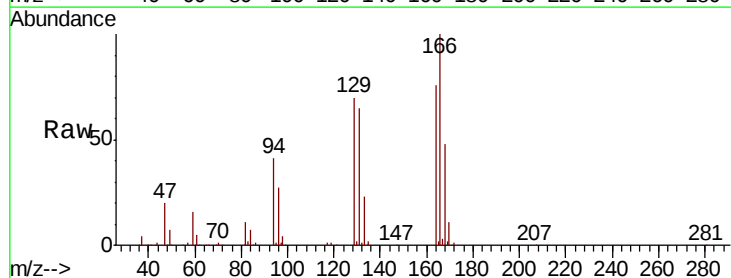
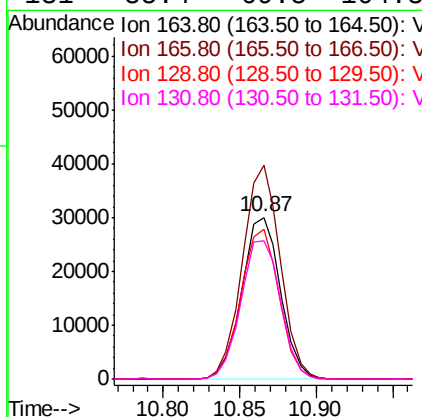
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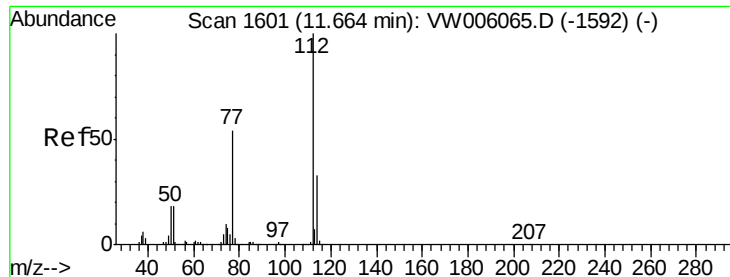
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#64
Tetrachloroethene
Concen: 54.173 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	103.4	155.0
129	92.7	71.8	107.8
131	85.4	69.5	104.3





#65

Chlorobenzene

Concen: 56.319 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion:112 Resp: 150970

Ion Ratio Lower Upper

112 100

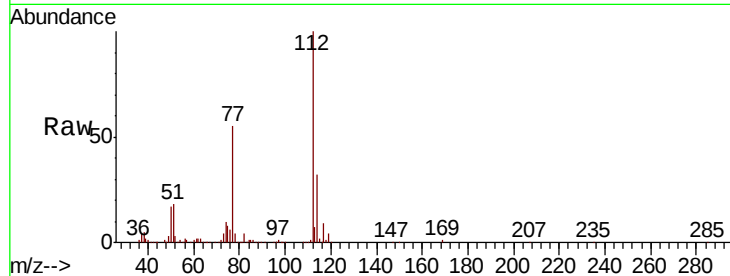
114 31.8 26.2 39.2

Manual Integrations

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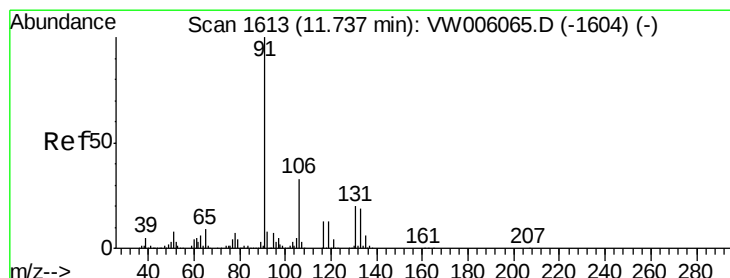
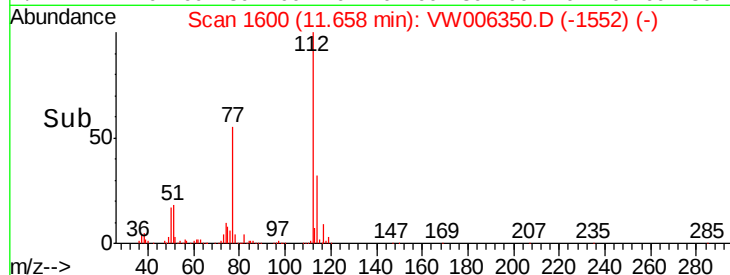
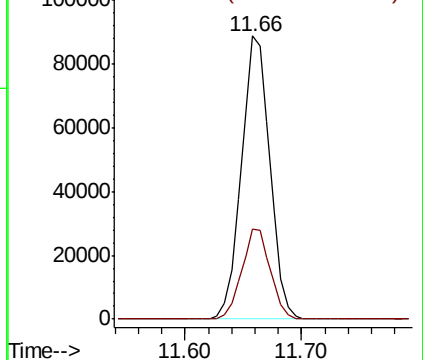
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 66.073 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

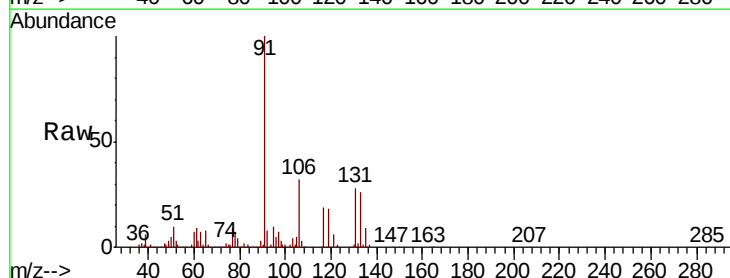
Tgt Ion:131 Resp: 62944

Ion Ratio Lower Upper

131 100

133 95.1 48.1 144.3

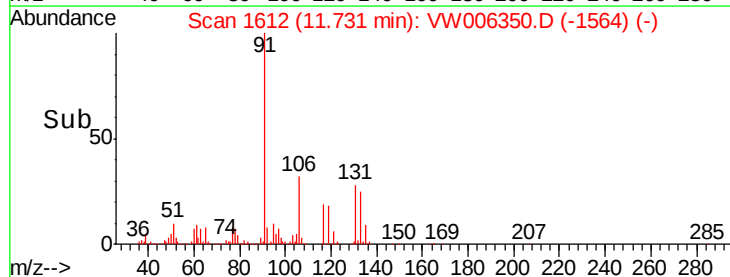
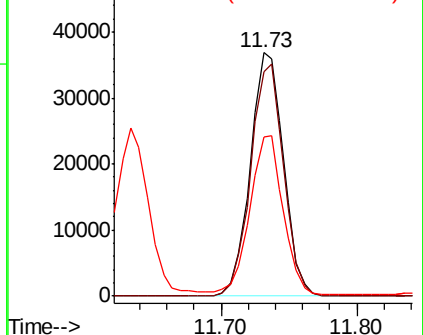
119 65.6 31.6 94.7

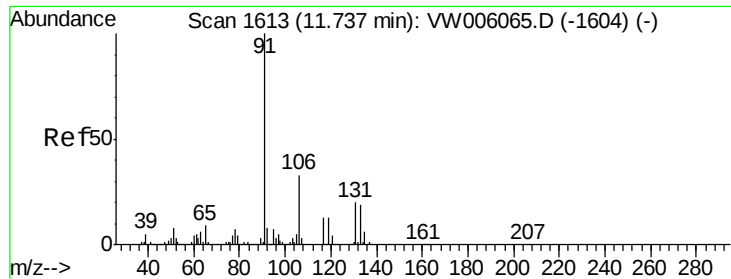


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.277 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion: 91 Resp: 219631

Ion Ratio Lower Upper

91 100

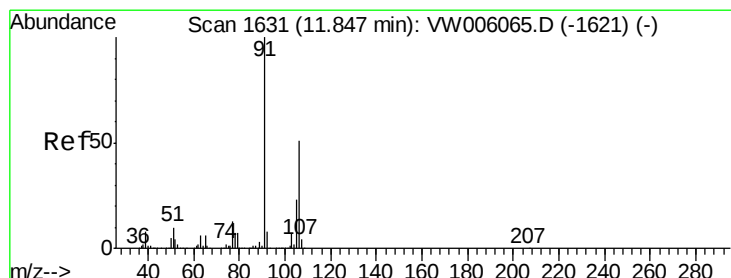
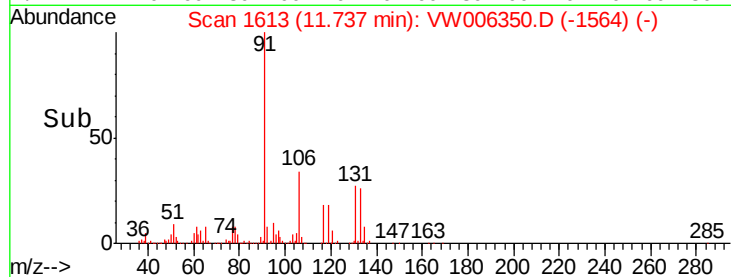
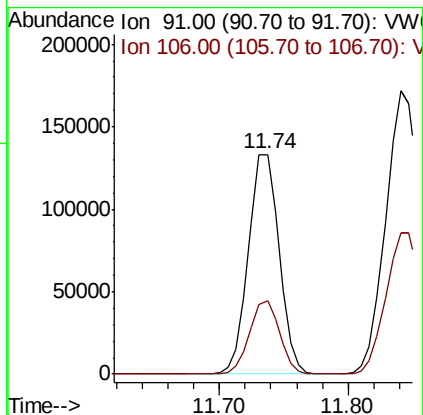
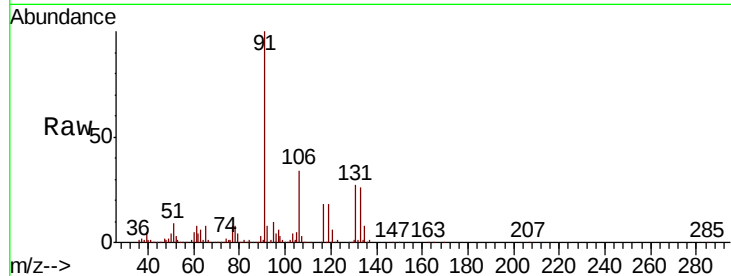
106 33.7 26.1 39.1

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#68

m/p-Xylenes

Concen: 89.879 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW006350.D

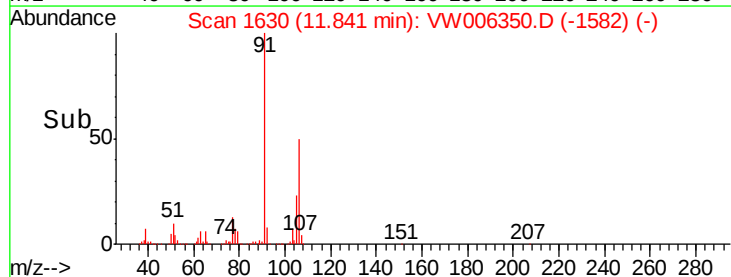
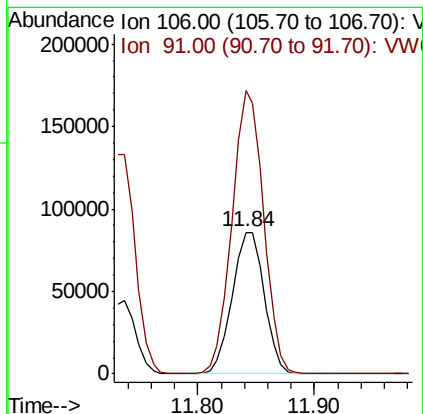
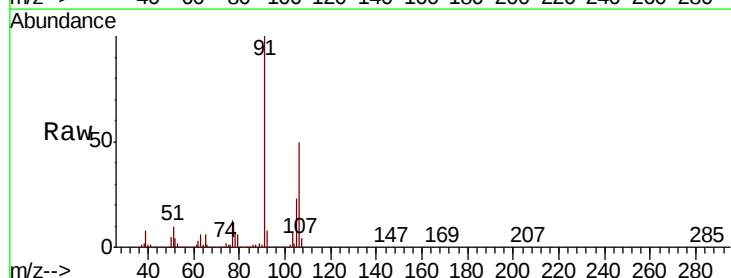
Acq: 25 Oct 2018 07:05

Tgt Ion: 106 Resp: 165035

Ion Ratio Lower Upper

106 100

91 196.4 159.1 238.7





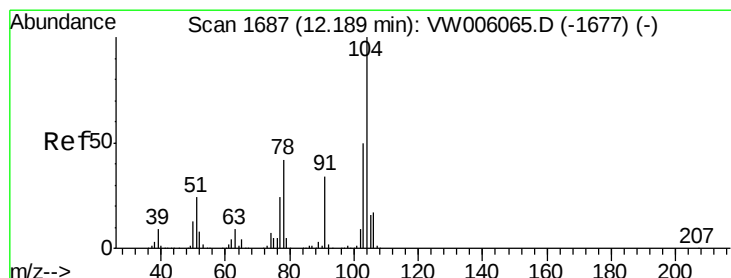
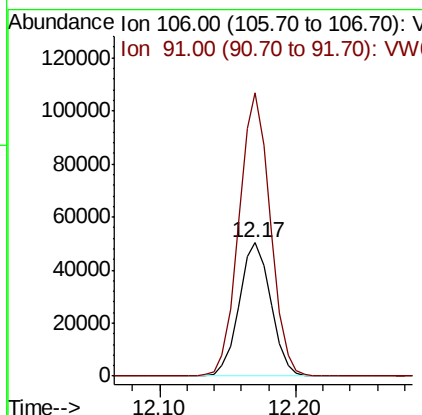
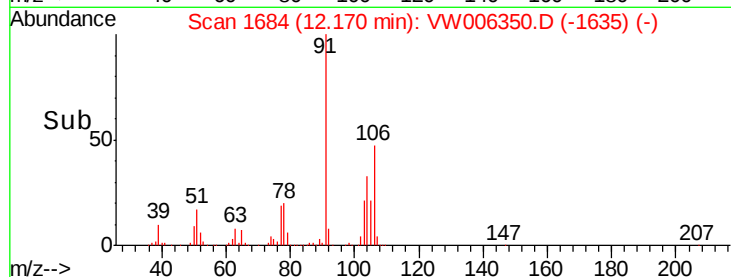
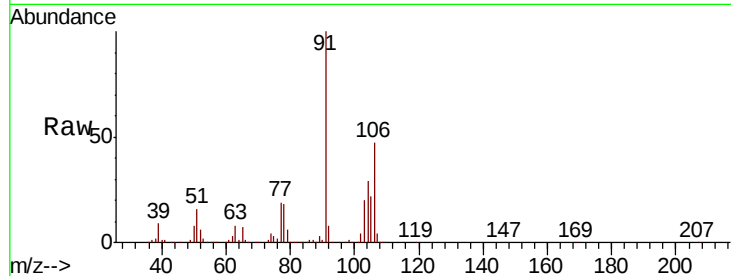
#69
o-Xylene
Concen: 46.590 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion:106 Resp: 81530
Ion Ratio Lower Upper
106 100
91 210.3 105.4 316.1

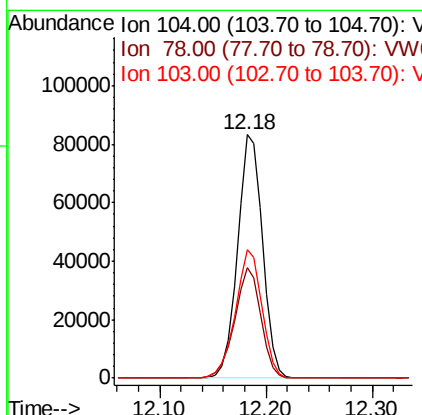
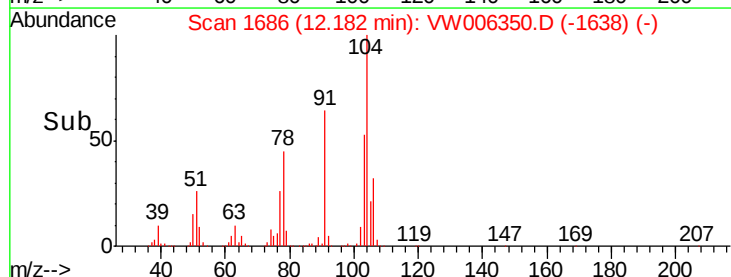
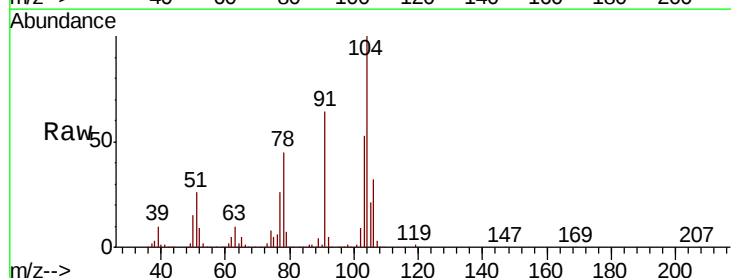
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#70
Styrene
Concen: 48.172 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion:104 Resp: 137079
Ion Ratio Lower Upper
104 100
78 47.8 39.1 58.7
103 55.8 44.3 66.5





#71

Bromoform

Concen: 69.363 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

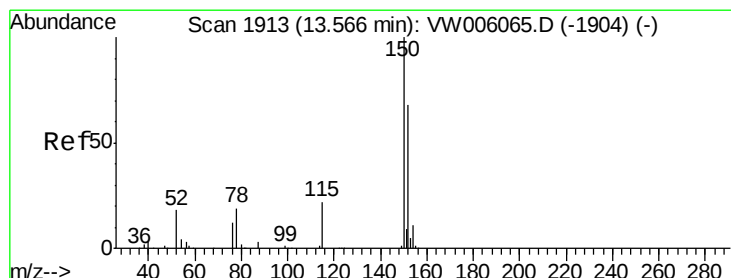
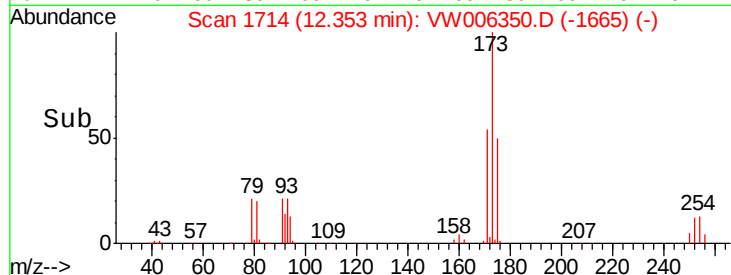
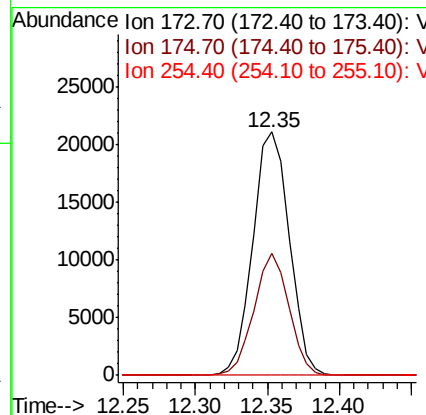
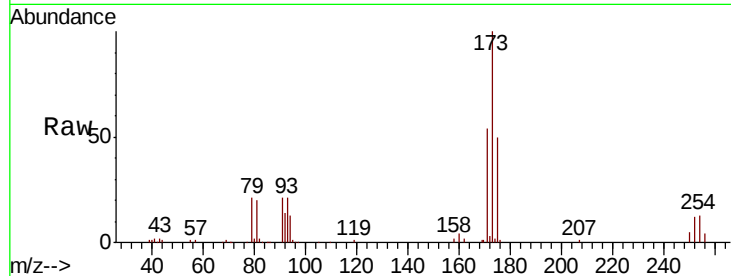
ClientSampleId :

PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.2	72.6
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

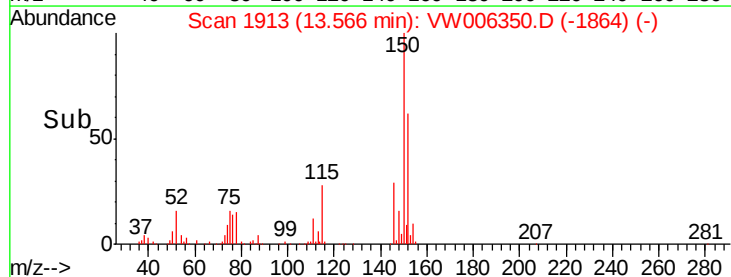
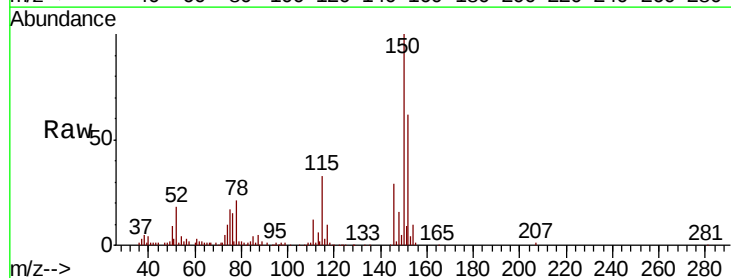
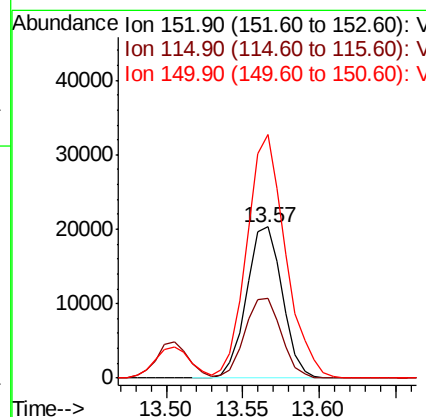
RT: 13.57 min Scan# 1913

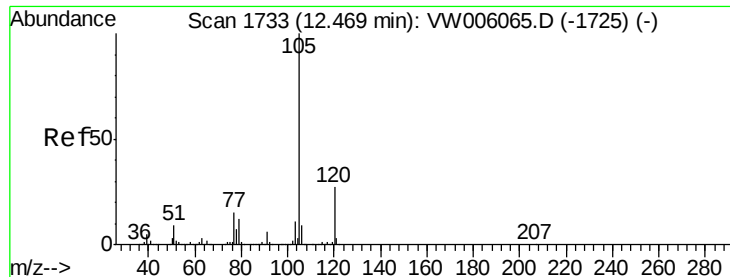
Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.8	83.3
150	174.1	0.0	349.2





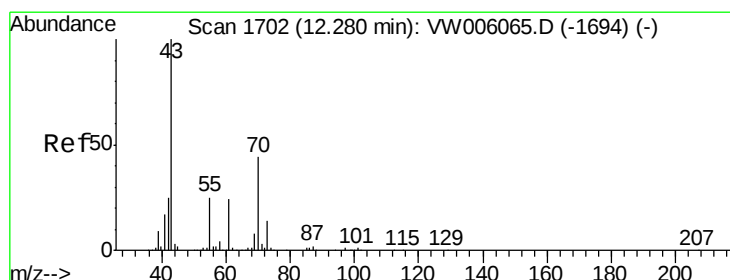
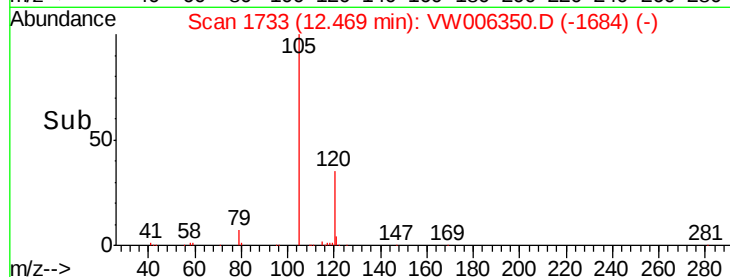
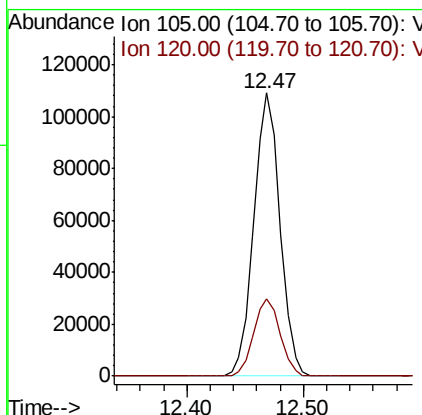
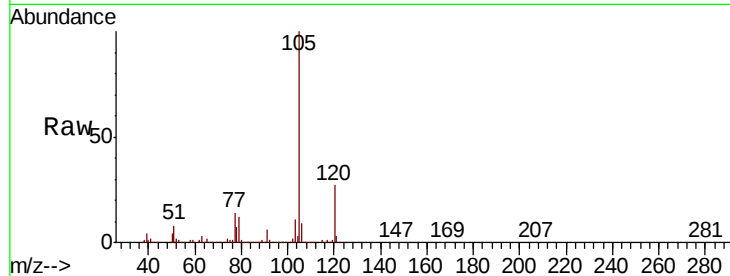
#73
Isopropylbenzene
Concen: 72.746 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.6	40.7

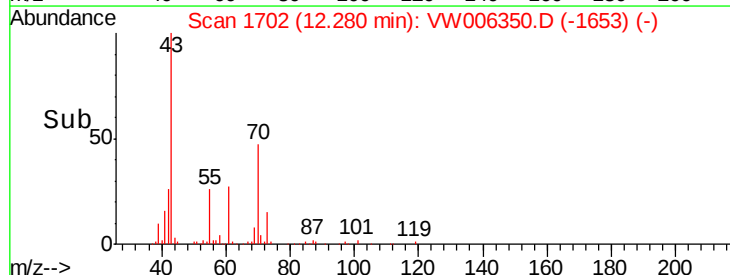
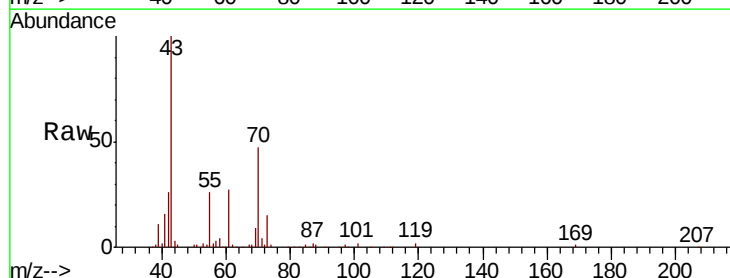
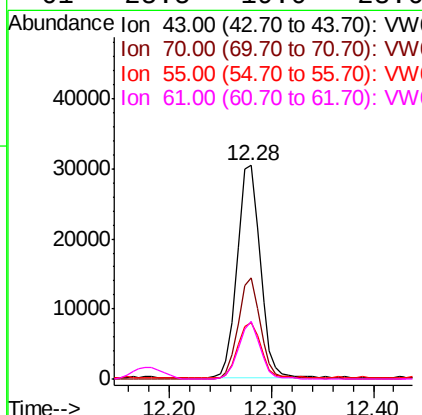
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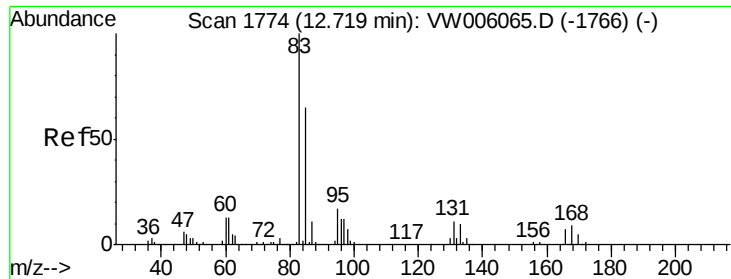
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#74
N-ethyl acetate
Concen: 104.590 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.3	34.2	51.4
55	26.1	19.2	28.8
61	25.5	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 170.075 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

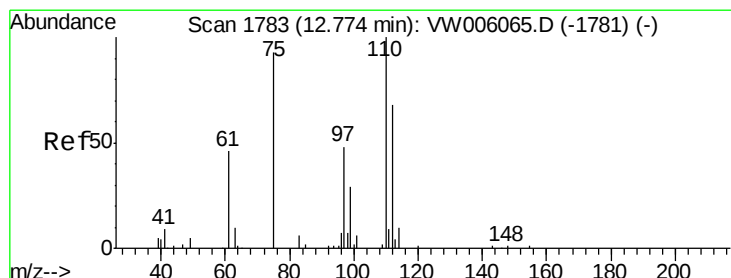
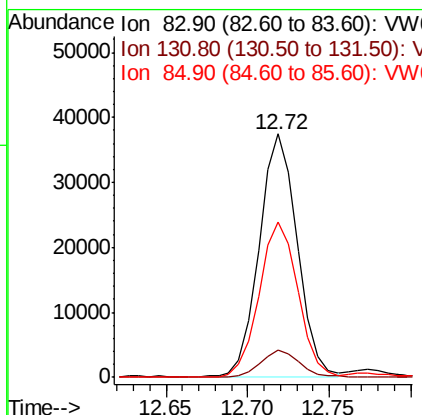
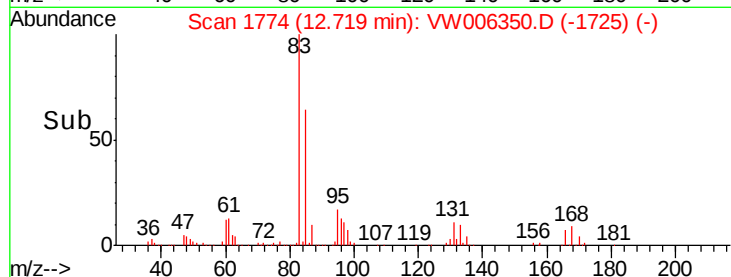
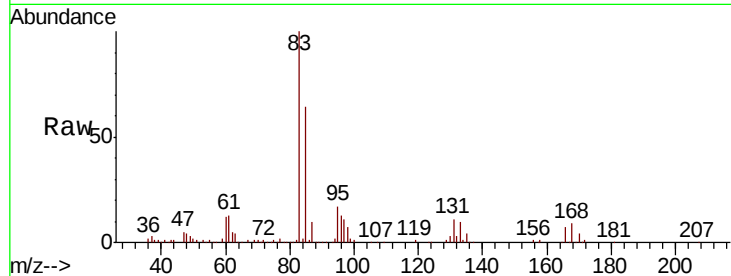
ClientSampleId :

PA-SB-01BMS

Tot Ion:	83	Resp:	60416
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.9	17.7
85	65.5	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 206.397 ug/l m

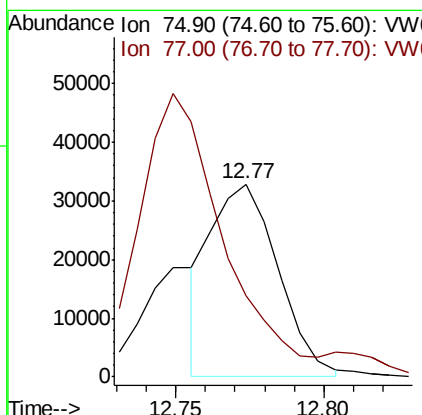
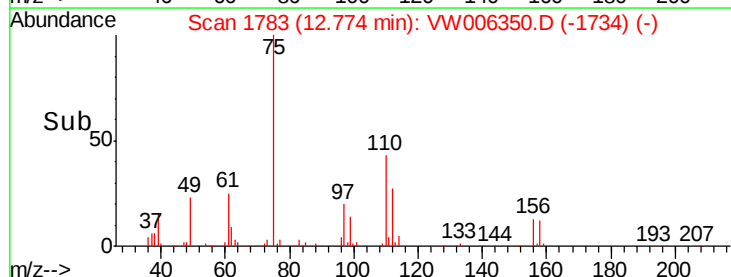
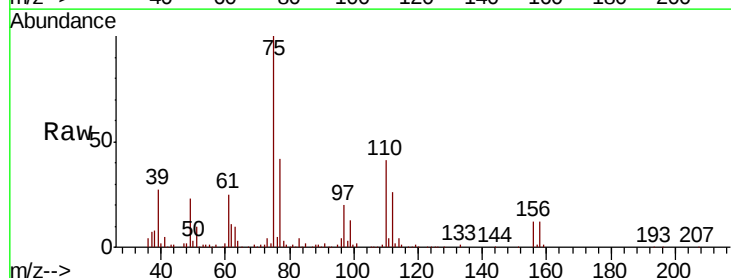
RT: 12.77 min Scan# 1783

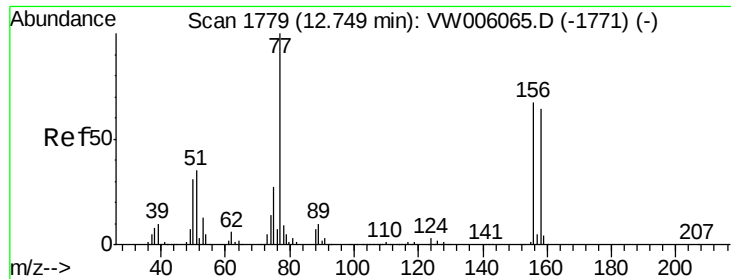
Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion:	75	Resp:	52118
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





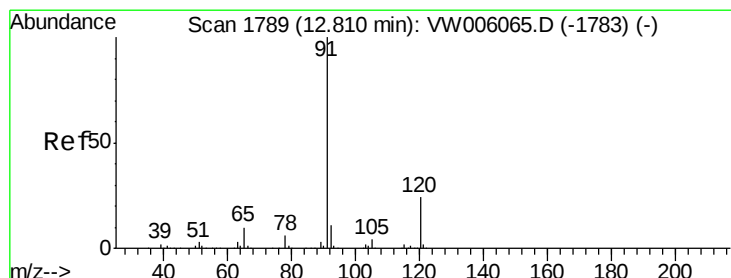
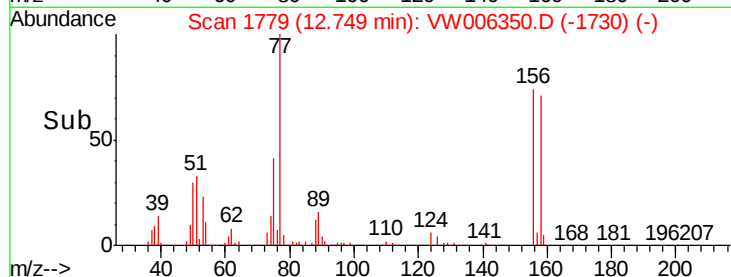
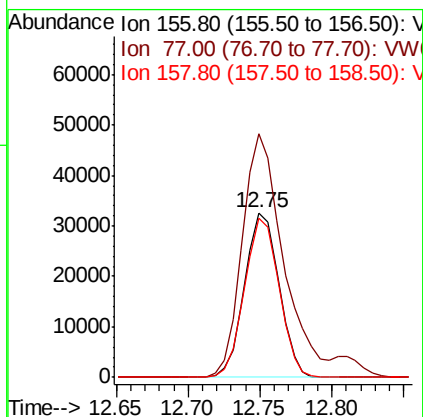
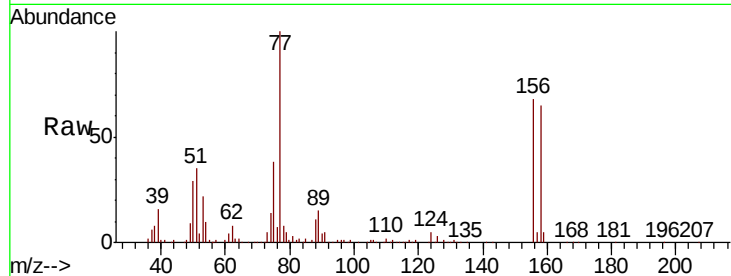
#77
Bromobenzene
Concen: 94.301 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.2	79.1	237.4
158	96.8	48.5	145.6

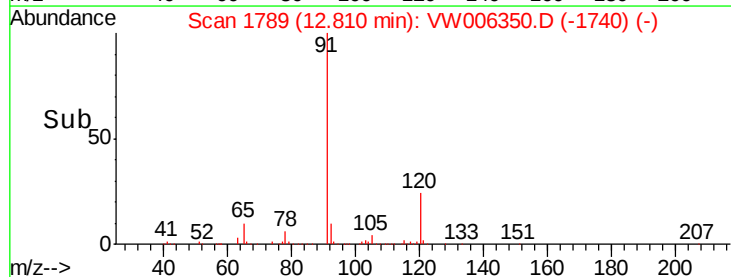
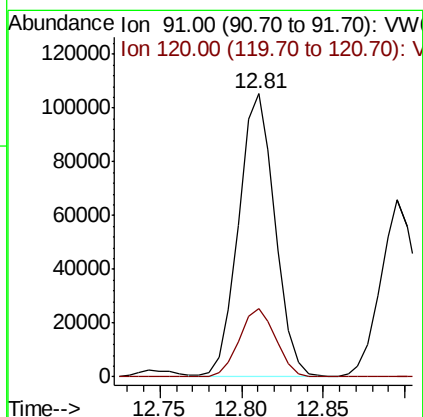
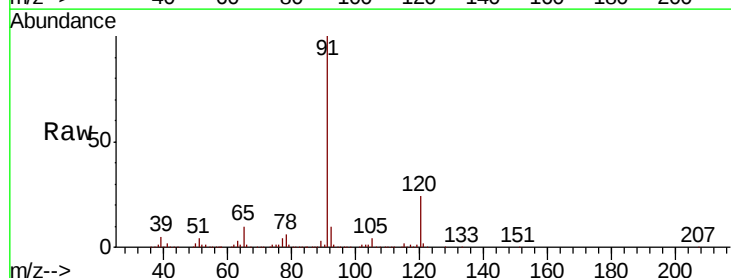
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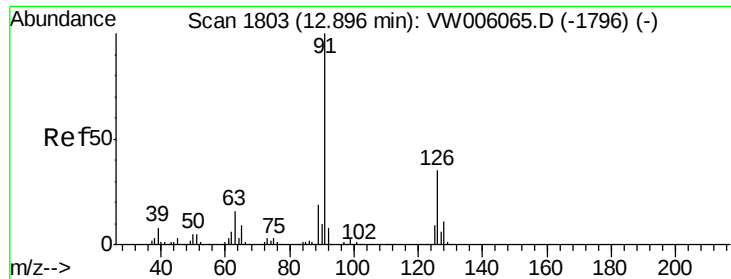
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#78
n-propylbenzene
Concen: 60.133 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.2	36.6





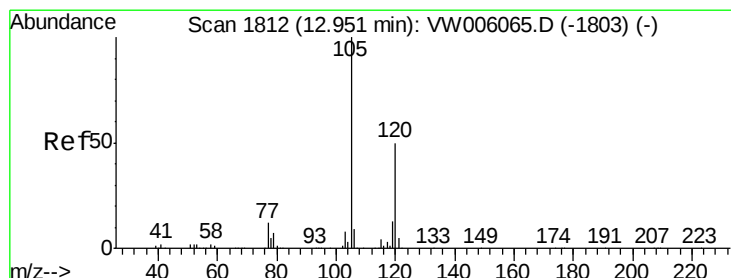
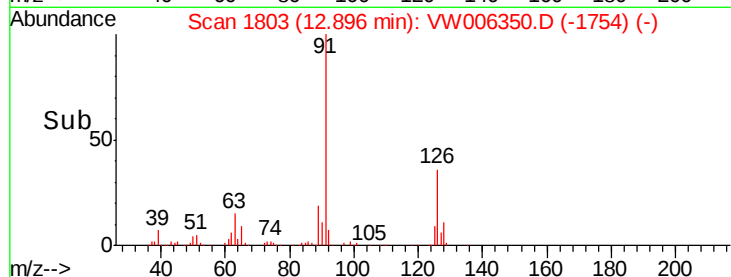
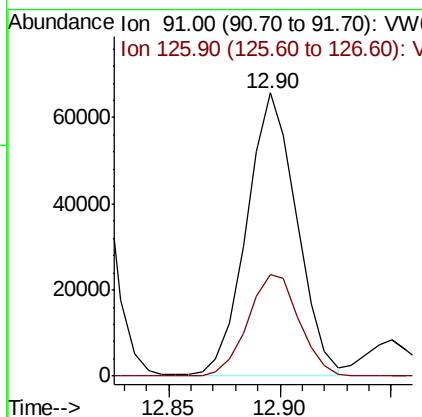
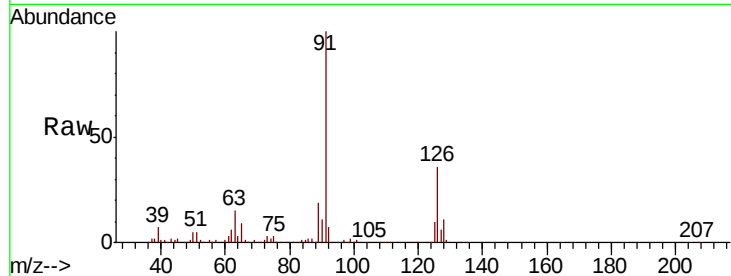
#79
2-Chlorotoluene
Concen: 67.219 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion: 91 Resp: 102624
Ion Ratio Lower Upper
91 100
126 37.2 17.9 53.8

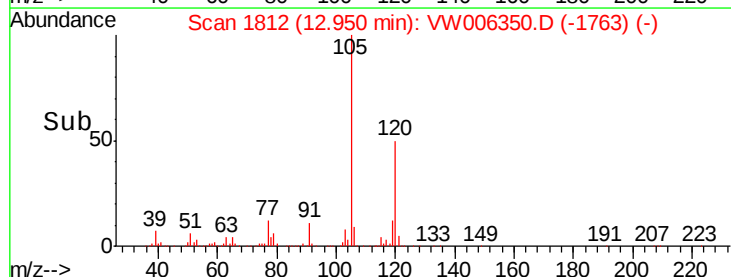
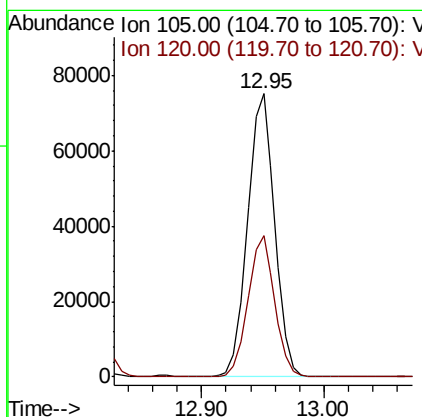
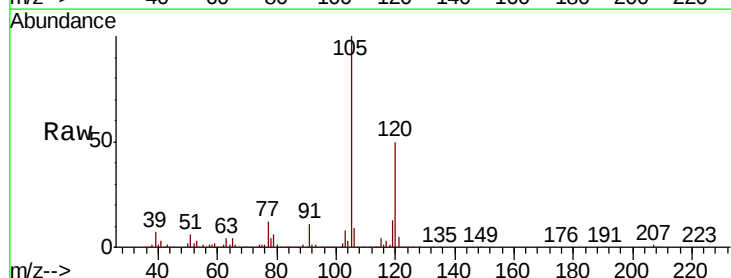
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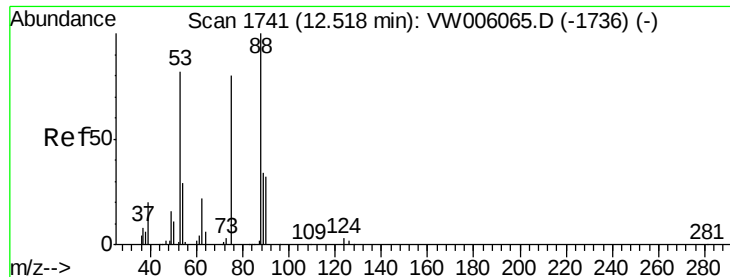
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#80
1,3,5-Trimethylbenzene
Concen: 58.481 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion:105 Resp: 115147
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.6





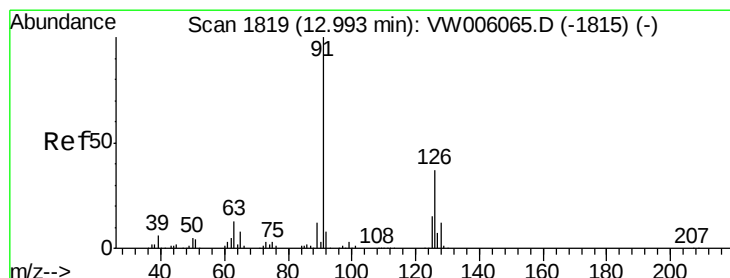
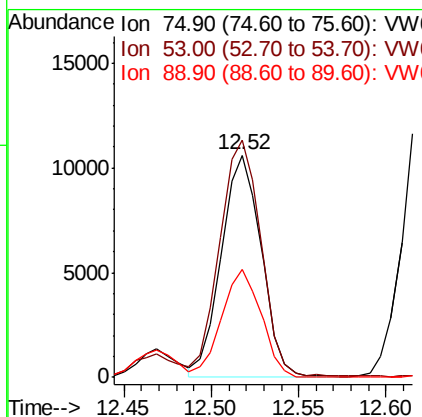
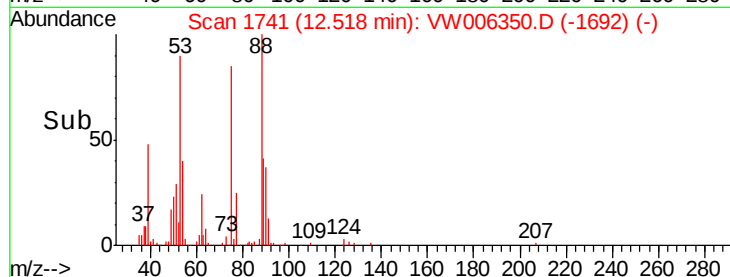
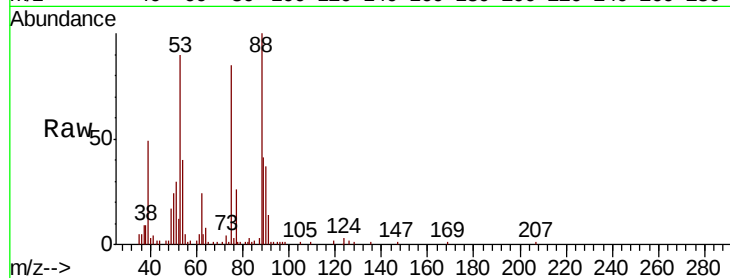
#81
trans-1,4-Dichloro-2-butene
Concen: 160.030 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.0	79.8	119.6
89	47.8	37.5	56.3

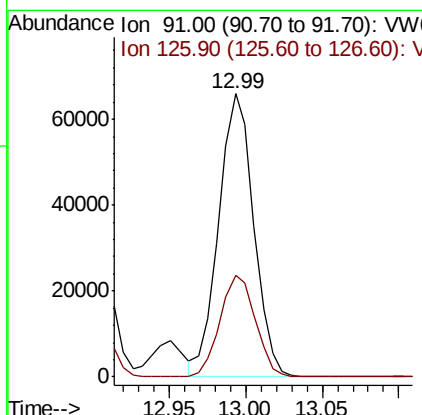
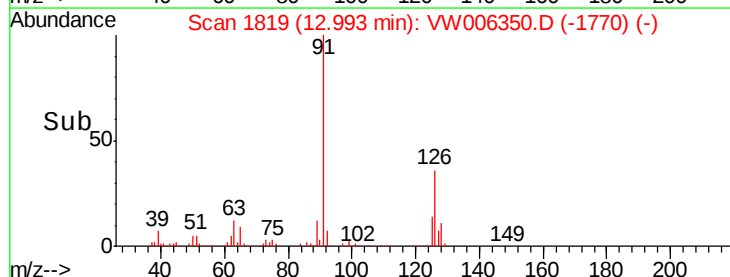
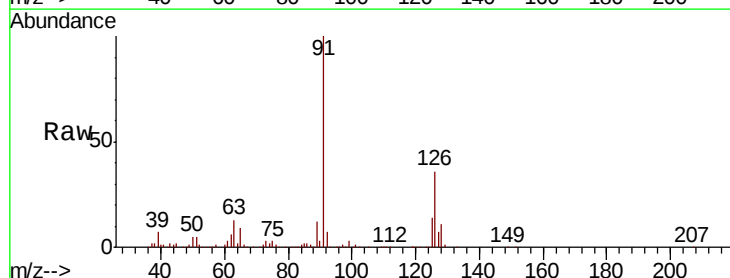
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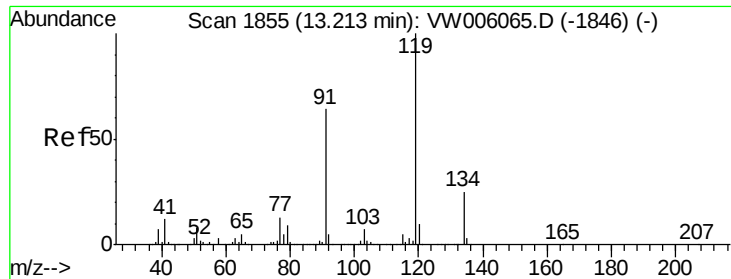
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#82
4-Chlorotoluene
Concen: 65.073 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.1	54.3





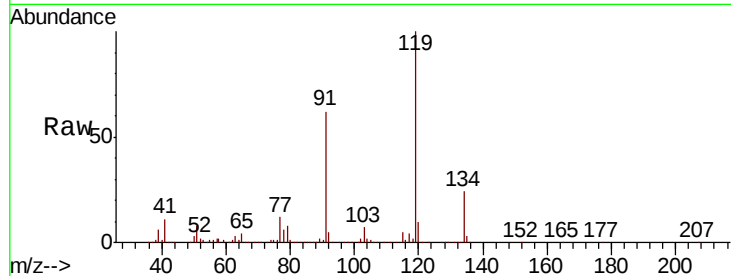
#83
tert-Butylbenzene
Concen: 54.364 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

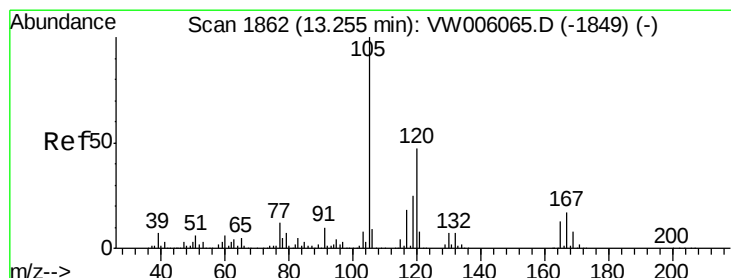
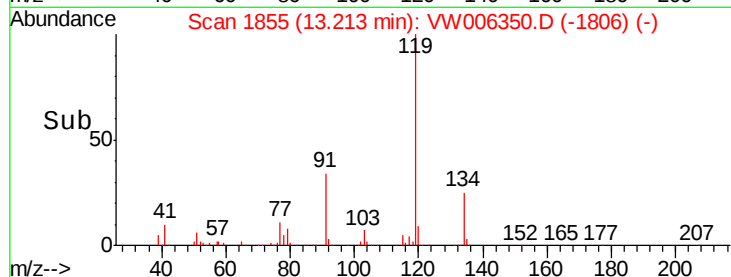
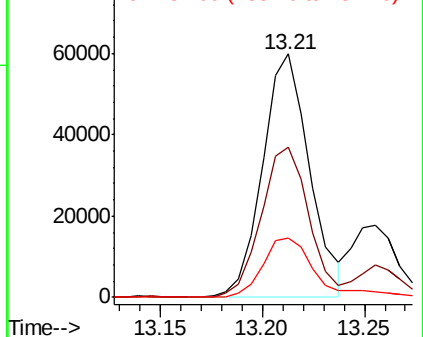
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	32.3	96.9
134	27.6	13.6	40.8

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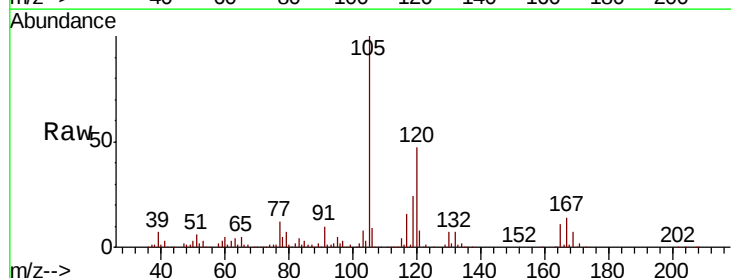


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

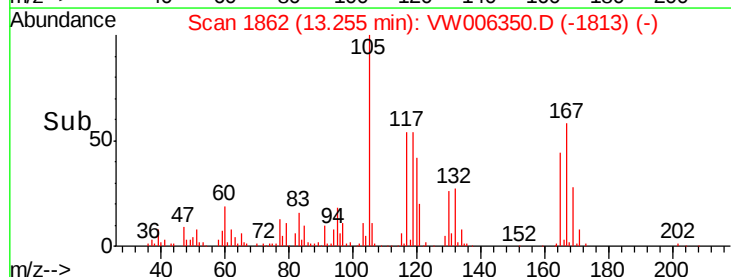
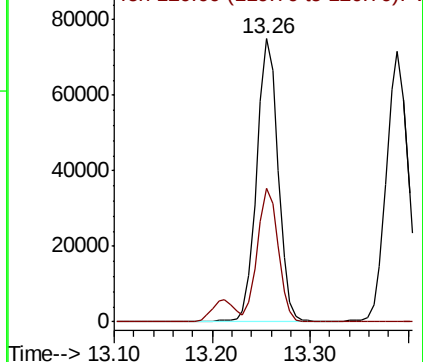


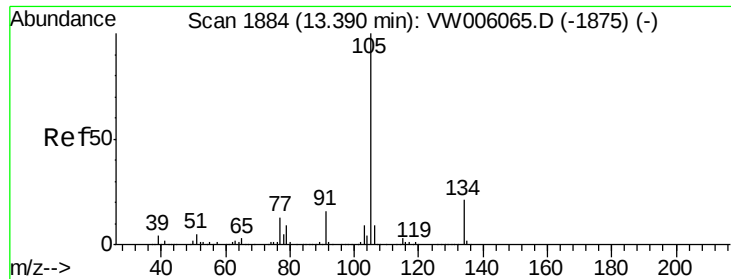
#84
1,2,4-Trimethylbenzene
Concen: 57.607 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.3



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





#85

sec-Butylbenzene

Concen: 44.378 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

Tot Ion:105 Resp: 110445

Ion Ratio Lower Upper

105 100

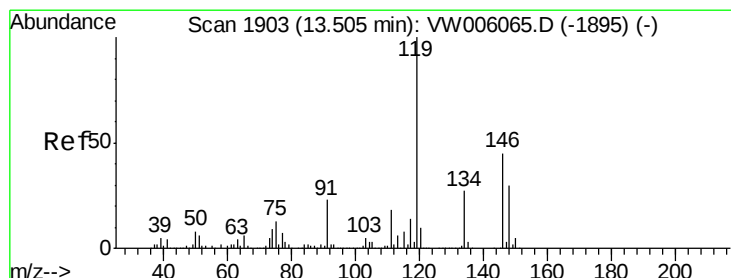
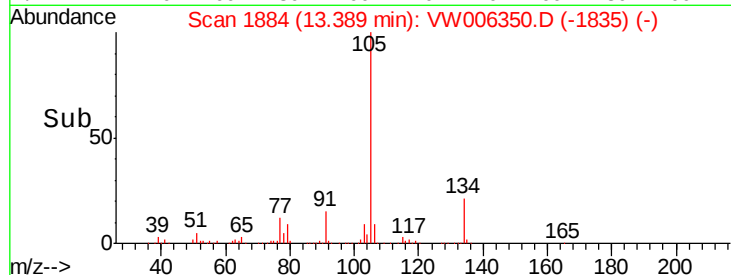
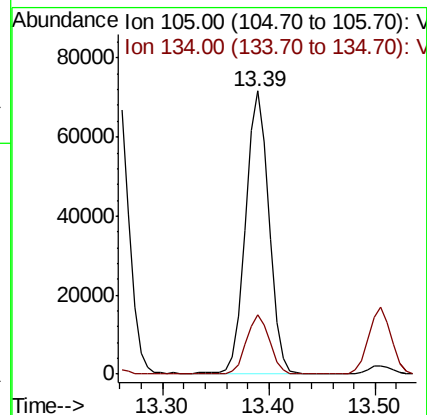
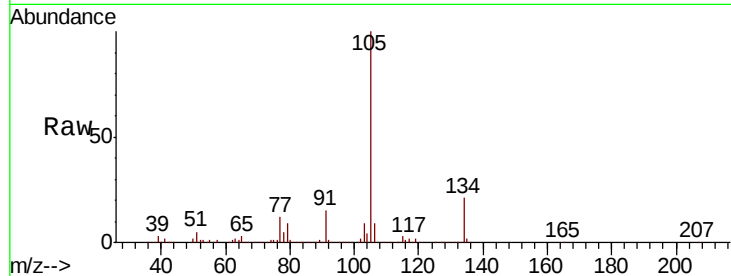
134 20.8 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 41.926 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

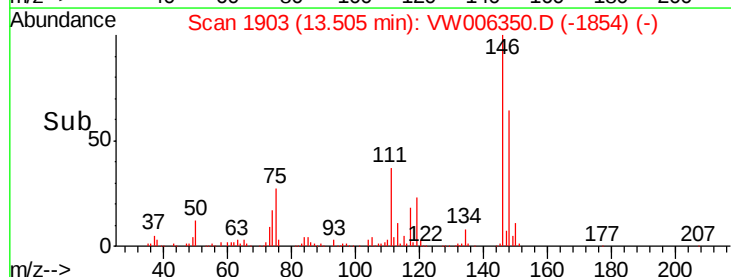
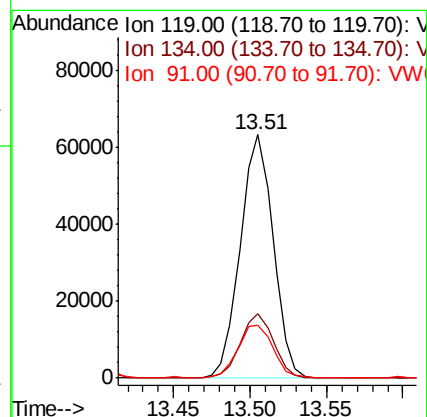
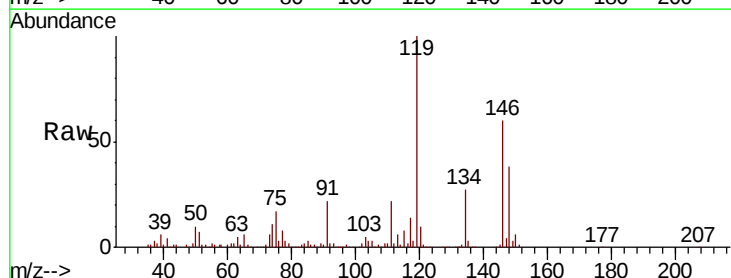
Tgt Ion:119 Resp: 94378

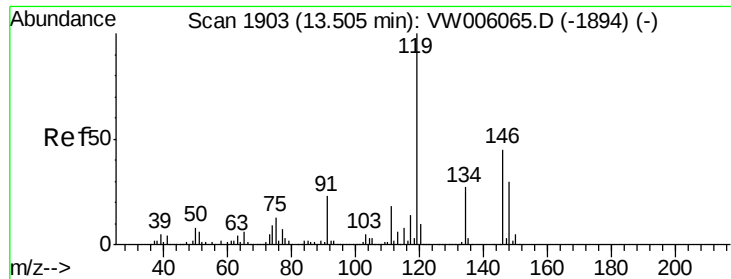
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 53.906 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

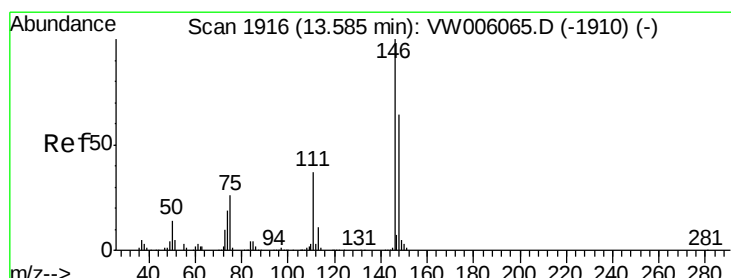
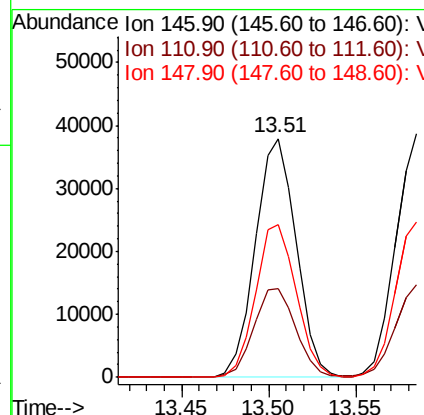
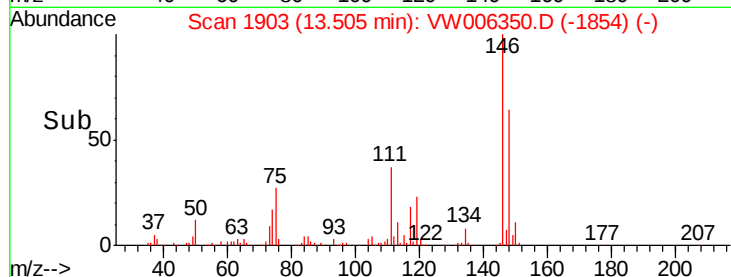
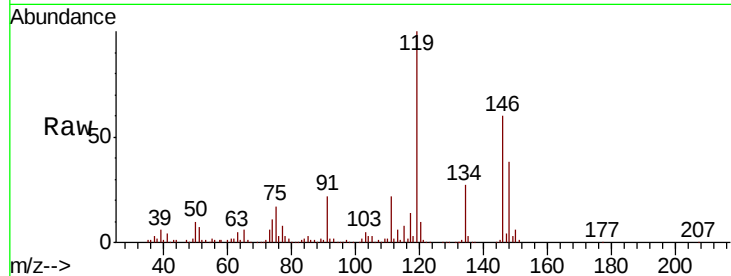
ClientSampleId :

PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	64.0	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 53.543 ug/l

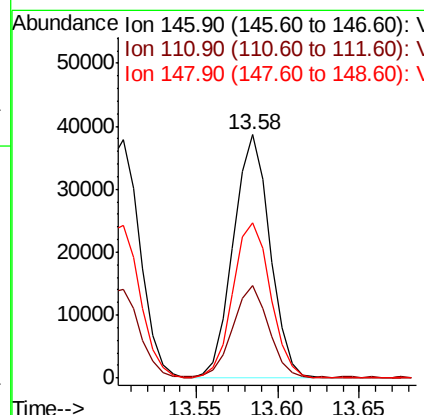
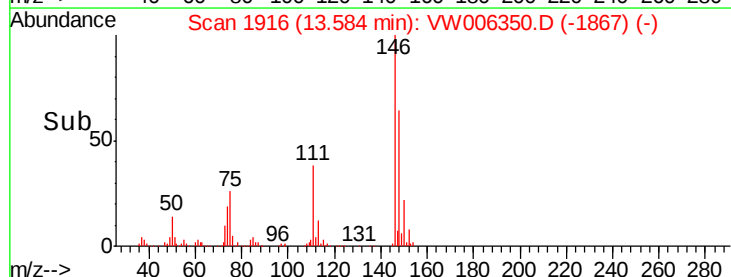
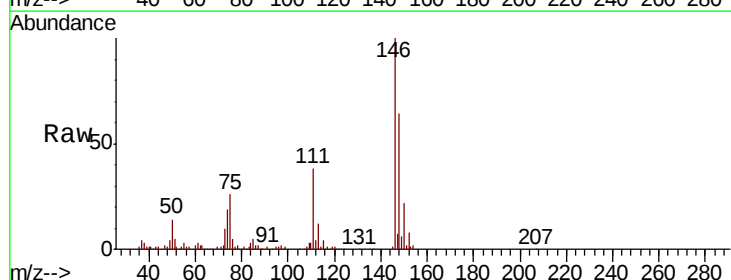
RT: 13.58 min Scan# 1916

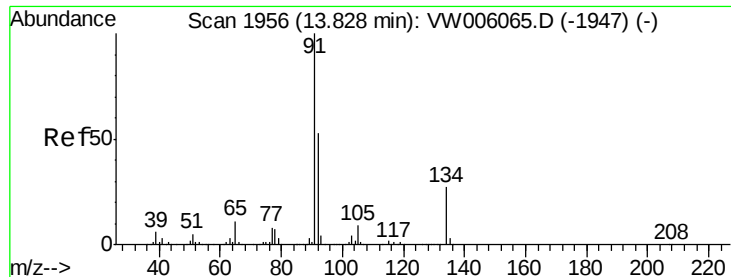
Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	56.0
148	65.4	32.1	96.5





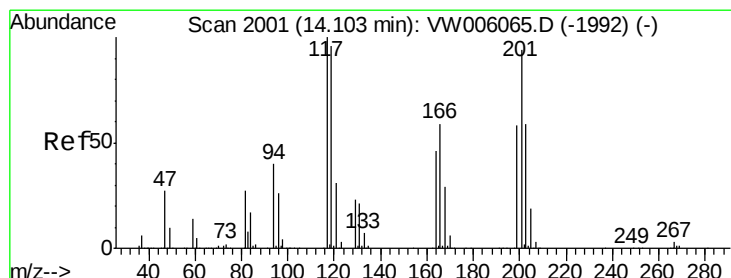
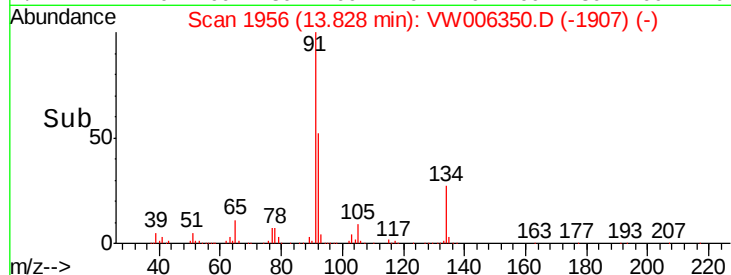
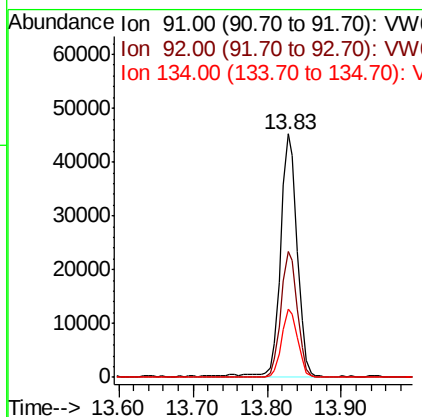
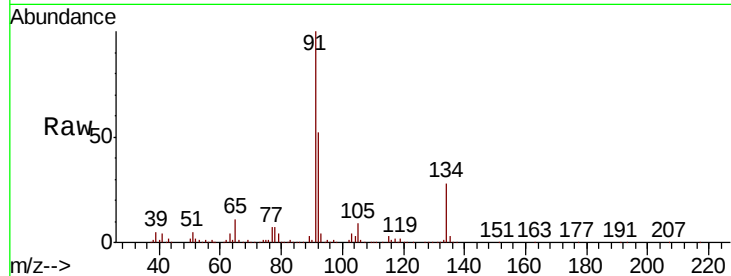
#89
n-Butylbenzene
Concen: 33.548 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.6	79.7
134	27.4	14.0	41.9

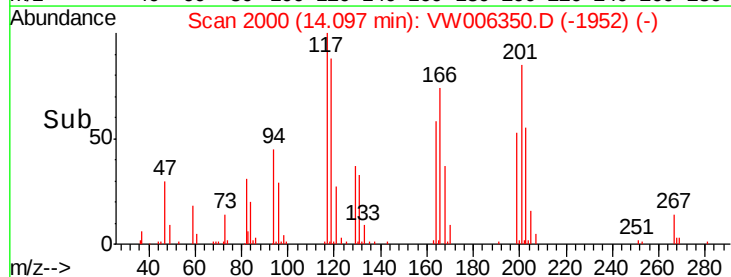
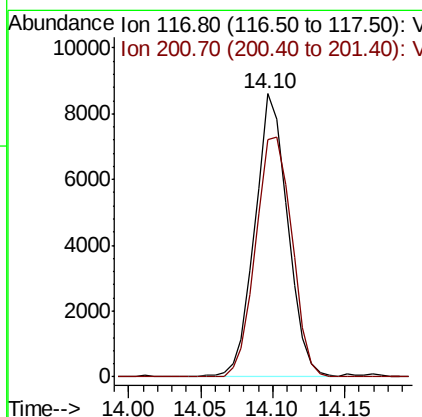
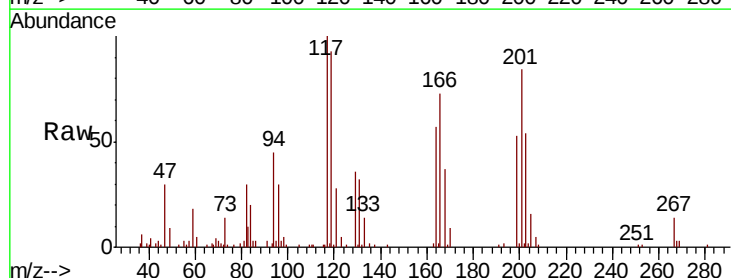
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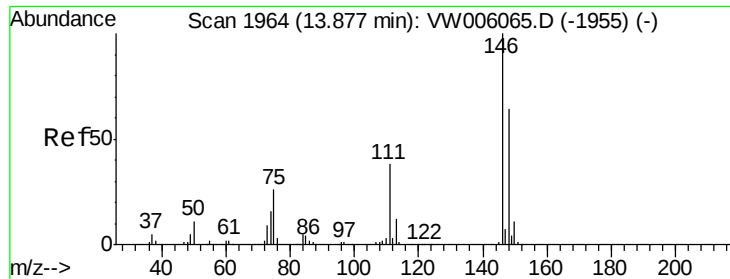
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#90
Hexachloroethane
Concen: 35.516 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.6	45.3	135.9





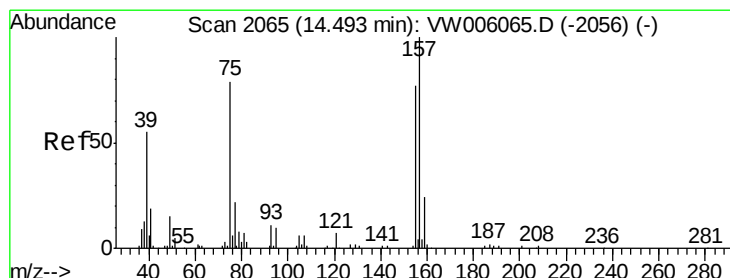
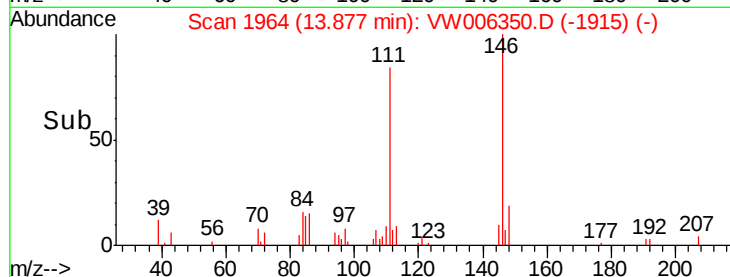
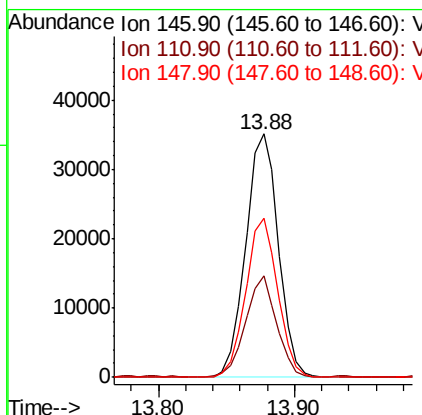
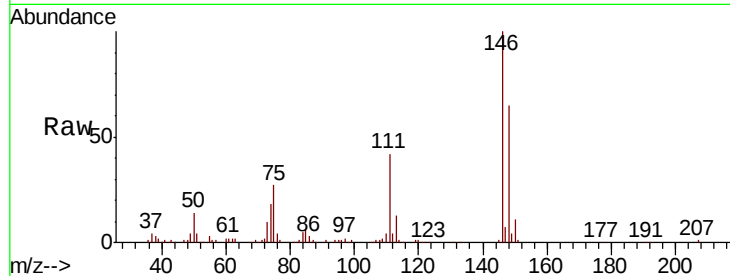
#91
 1,2-Dichlorobenzene
 Concen: 58.079 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	63.7	32.2	96.6

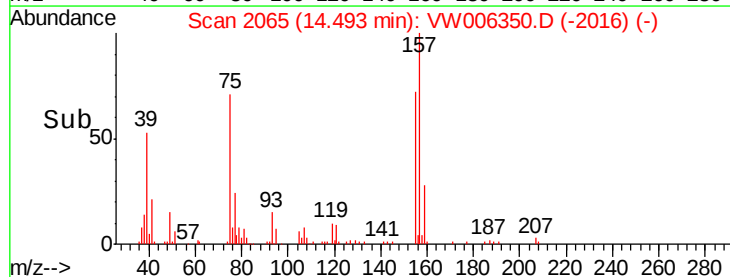
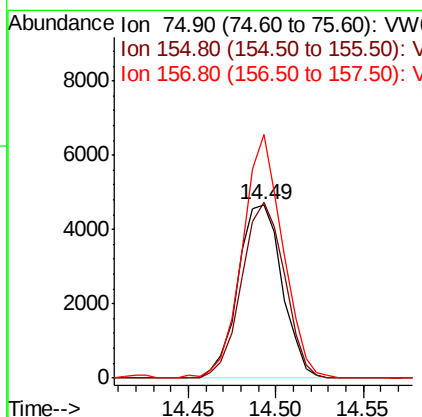
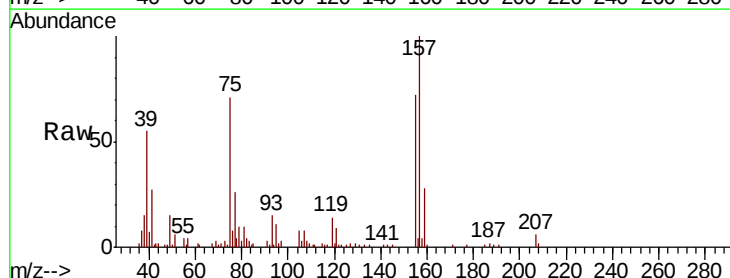
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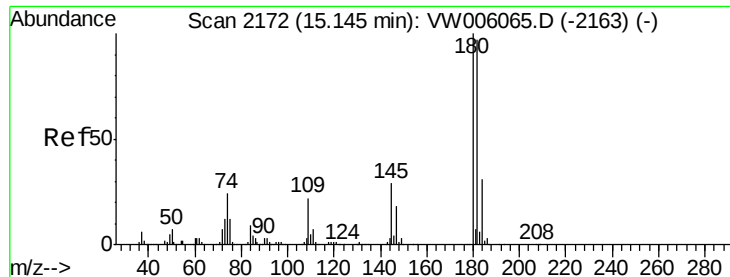
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 128.583 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	46.5	139.5
157	128.6	59.8	179.4





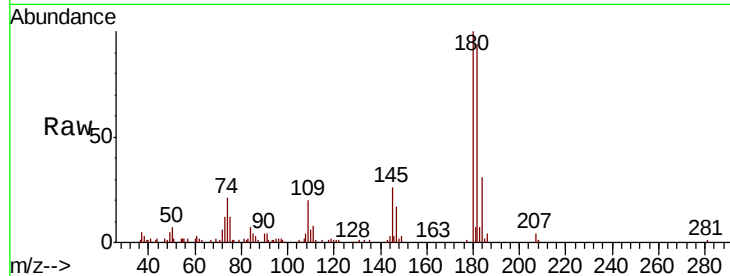
#93
 1,2,4-Trichlorobenzene
 Concen: 27.987 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

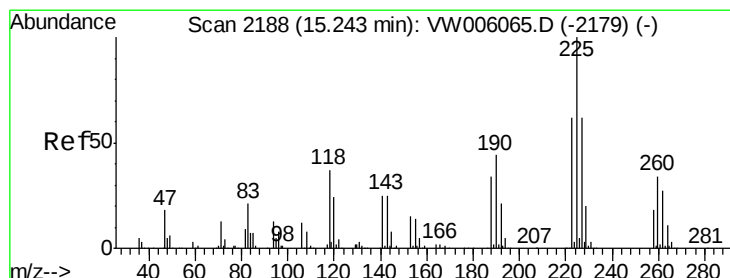
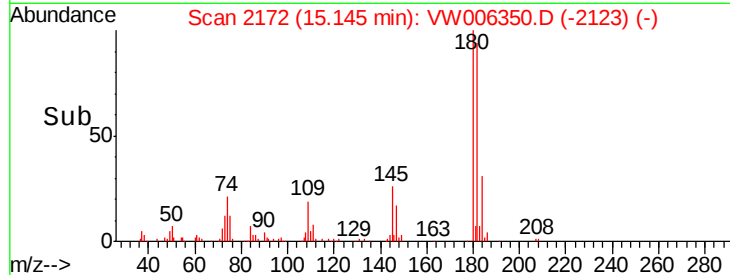
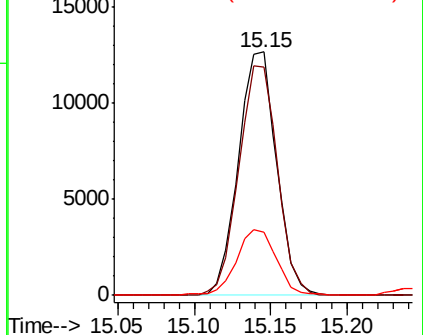
Tot Ion	Ratio	Resp	Lower	Upper
180	100	21869		
182	95.5	47.9	143.6	
145	28.3	14.2	42.8	

Manual Integrations
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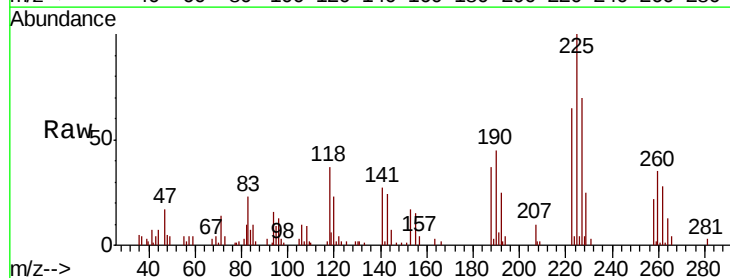


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

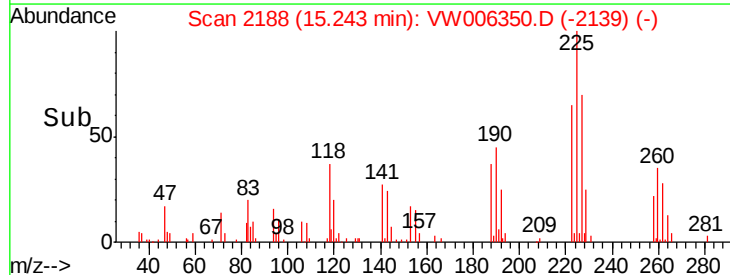
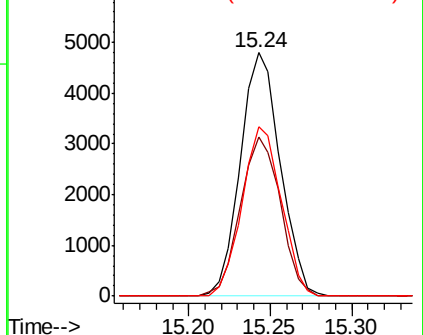


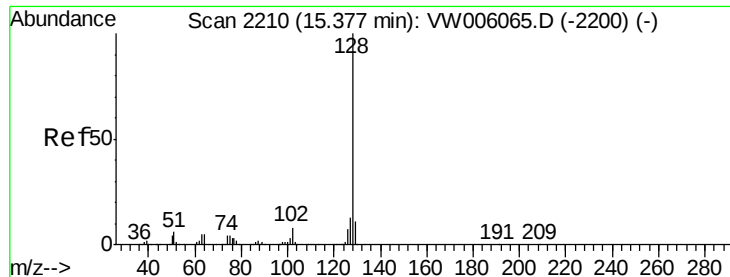
#94
 Hexachlorobutadiene
 Concen: 16.687 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	8191		
223	65.6	31.1	93.5	
227	68.2	32.4	97.0	



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





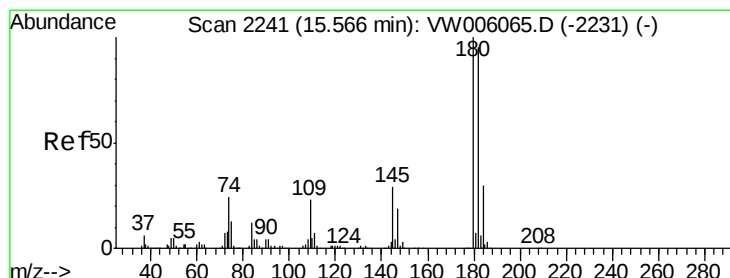
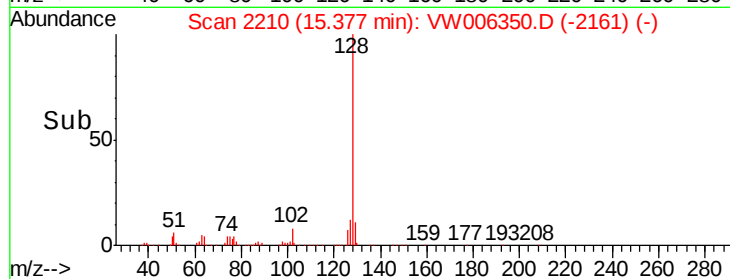
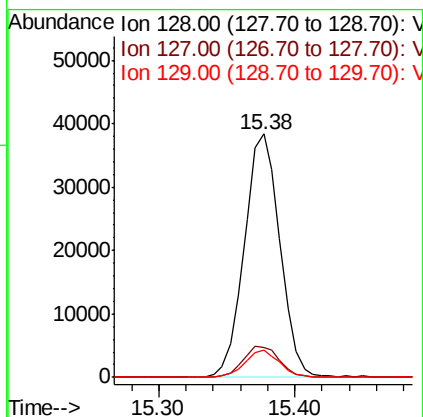
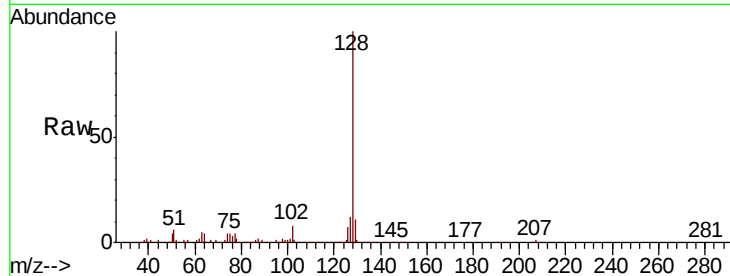
#95
Naphthalene
Concen: 53.965 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 24.415 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.8	143.3
145	31.9	15.0	45.1

