

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005660.D
 Acq On : 26 Sep 2018 18:33
 Operator : VA/AP
 Sample : J5066-05MS
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

Manual Integrations
 APPROVED

apatel
 9/27/2018 10:33:47 AM

Quant Time: Sep 27 07:04:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	297534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	313972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138887	61.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.80%	
35) Dibromofluoromethane	7.88	113	109977	58.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.56%	
50) Toluene-d8	10.33	98	400935	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.62	95	438900	155.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72184	63.929	ug/l	96
3) Chloromethane	2.21	50	77258	50.464	ug/l	98
4) Vinyl Chloride	2.37	62	112684	61.577	ug/l	99
5) Bromomethane	2.78	94	72439	58.575	ug/l	100
6) Chloroethane	2.93	64	67004	57.062	ug/l	100
7) Trichlorofluoromethane	3.25	101	71100	49.677	ug/l	98
8) Diethyl Ether	3.68	74	59657	63.808	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87473	48.281	ug/l	98
10) Methyl Iodide	4.28	142	169116	60.696	ug/l	100
11) Tert butyl alcohol	5.19	59	37698	326.146	ug/l	99
12) 1,1-Dichloroethene	4.03	96	110016	63.428	ug/l	99
14) Allvl chloride	4.67	41	180082	59.491	ug/l	99
15) Acrylonitrile	5.37	53	146500	352.921	ug/l	99
16) Acetone	4.13	43	151236	435.790	ug/l	99
17) Carbon Disulfide	4.38	76	334682	61.756	ug/l	99
18) Methyl Acetate	4.67	43	199079	187.213	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	129741	48.461	ug/l	98
20) Methylene Chloride	4.92	84	116849	63.302	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	117110	61.644	ug/l	93
22) Diisopropyl ether	6.31	45	280141	47.673	ug/l	99
23) Vinyl Acetate	6.26	43	580271	172.767	ug/l	98
24) 1,1-Dichloroethane	6.21	63	215218	59.279	ug/l	99
25) 2-Butanone	7.18	43	195129	358.086	ug/l	97
26) 2,2-Dichloropropane	7.17	77	111383	43.945	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	128203	61.183	ug/l	96
28) Bromochloromethane	7.51	49	81096	56.390	ug/l	97
29) Tetrahydrofuran	7.53	42	137254	403.177	ug/l	99
30) Chloroform	7.68	83	227057	60.577	ug/l	99
31) Cyclohexane	7.96	56	124792	35.877	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	166765	50.364	ug/l	98
36) 1,1-Dichloropropene	8.09	75	163383	54.549	ug/l	99
37) Ethyl Acetate	7.26	43	81070	64.319	ug/l	99
38) Carbon Tetrachloride	8.07	117	162995	50.784	ug/l	96
39) Methylcyclohexane	9.34	83	89991	25.466	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.33	78	483460	56.969	ug/l	100
41) Methacrylonitrile	7.49	41	54825	76.437	ug/l	94
42) 1,2-Dichloroethane	8.40	62	172594	63.523	ug/l	100
43) Isopropyl Acetate	8.43	43	164998	66.581	ug/l	98
44) Trichloroethene	9.09	130	121453	55.912	ug/l	96
45) 1,2-Dichloropropane	9.37	63	118203	56.616	ug/l	98
46) Dibromomethane	9.46	93	66863	64.096	ug/l	98
47) Bromodichloromethane	9.65	83	168715	60.207	ug/l	98
48) Methyl methacrylate	9.44	41	93985	79.848	ug/l	96
49) 1,4-Dioxane	9.46	88	21362	1288.021	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	467165	374.288	ug/l	100
52) Toluene	10.39	92	286537	54.113	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	178685	63.606	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	193053	61.335	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	111215	75.107	ug/l	97
56) Ethyl methacrylate	10.65	69	141935	77.648	ug/l	97
57) 1,3-Dichloropropane	10.93	76	166905	63.598	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	268123	323.580	ug/l	98
59) 2-Hexanone	10.98	43	520210	613.530	ug/l	75
60) Dibromochloromethane	11.13	129	113390	63.377	ug/l	97
61) 1,2-Dibromoethane	11.24	107	91428	66.223	ug/l	91
64) Tetrachloroethene	10.87	164	85067	45.308	ug/l	91
65) Chlorobenzene	11.66	112	308247	54.889	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	117297	58.034	ug/l	99
67) Ethyl Benzene	11.74	91	472495	47.401	ug/l	100
68) m/p-Xylenes	11.85	106	297419	78.975	ug/l	95
69) o-Xylene	12.17	106	179096	50.779	ug/l	87
70) Stvrene	12.18	104	309690	52.175	ug/l	94
71) Bromoform	12.35	173	70487	65.700	ug/l #	100
73) Isopropylbenzene	12.47	105	326449	14.993	ug/l	99
74) N-amyl acetate	12.27	43	5006541	1015.467	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.71	83	635177	175.629	ug/l #	40
76) 1,2,3-Trichloropropane	12.77	75	82353m	30.770	ug/l	
77) Bromobenzene	12.75	156	132113	25.888	ug/l #	26
78) n-propylbenzene	12.81	91	408886	15.511	ug/l	88
79) 2-Chlorotoluene	12.90	91	418411	27.435	ug/l	90
80) 1,3,5-Trimethylbenzene	12.96	105	363528	19.201	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	39641	33.360	ug/l #	1
82) 4-Chlorotoluene	12.99	91	370967	23.022	ug/l	77
83) tert-Butylbenzene	13.21	119	894093	56.212	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	221558	11.596	ug/l	98
85) sec-Butylbenzene	13.40	105	203590	8.825	ug/l	98
86) p-Isopropyltoluene	13.51	119	332348m	16.073	ug/l	
87) 1,3-Dichlorobenzene	13.51	146	189437	18.154	ug/l #	1
88) 1,4-Dichlorobenzene	13.59	146	199080	19.183	ug/l #	1
89) n-Butylbenzene	13.83	91	111347	5.709	ug/l #	63
90) Hexachloroethane	14.11	117	932294	248.769	ug/l #	11
91) 1,2-Dichlorobenzene	13.88	146	185425	20.130	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.47	75	49082	71.232	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.15	180	85081	12.948	ug/l #	1

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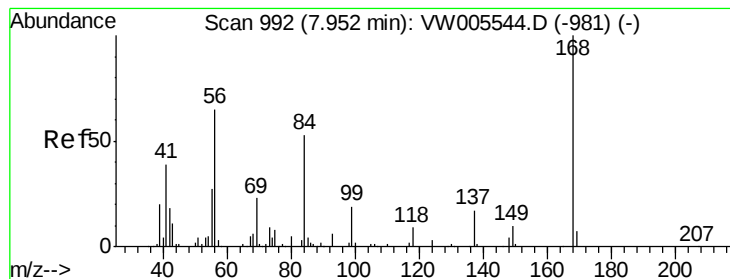
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	21311	5.006	ug/l	98
95) Naphthalene	15.38	128	173498	15.697	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.57	180	80652	13.927	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampled :

EP1-Q1-G3

Tot Ion:168 Resp: 190448

Ion Ratio Lower Upper

168 100

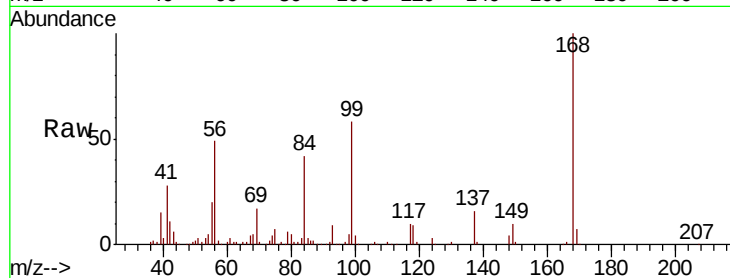
99 57.7 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

20000

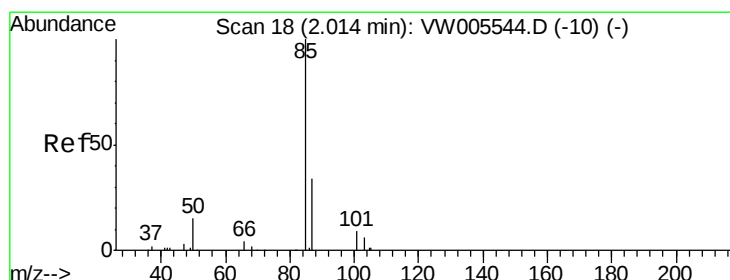
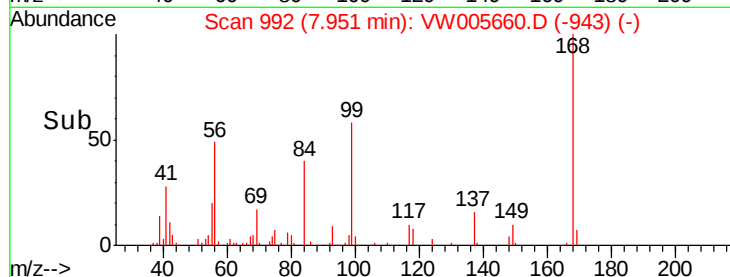
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 63.929 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW005660.D

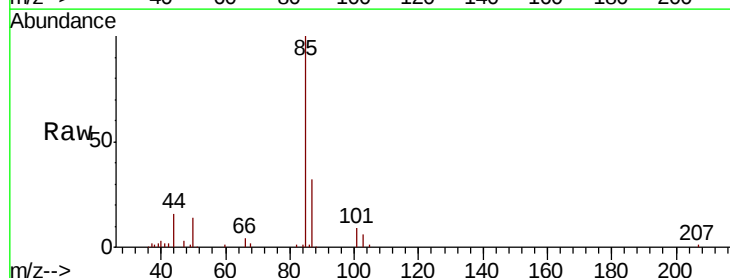
Acq: 26 Sep 2018 18:33

Tgt Ion: 85 Resp: 72184

Ion Ratio Lower Upper

85 100

87 31.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

10000

5000

0

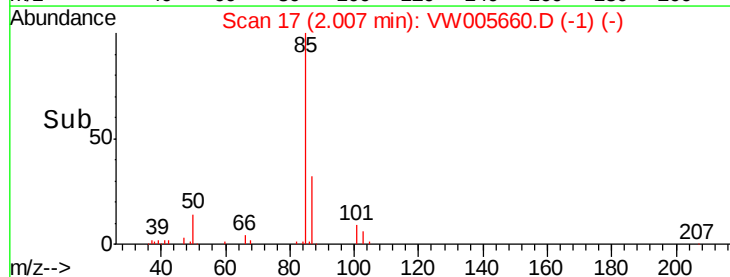
1.90

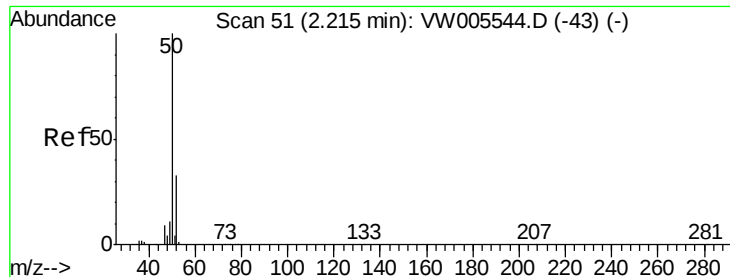
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 50.464 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampled :

EP1-Q1-G3

Tot Ion: 50 Resp: 77258

Ion Ratio Lower Upper

50 100

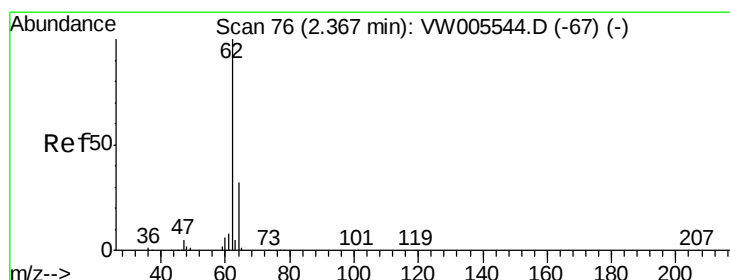
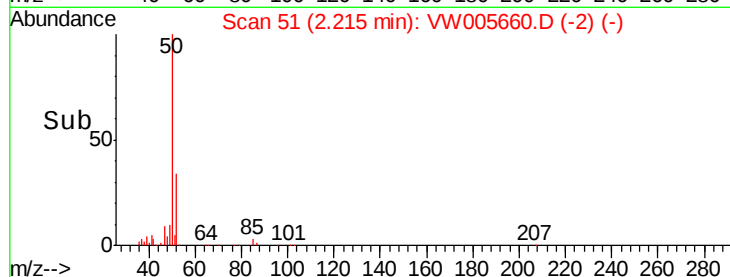
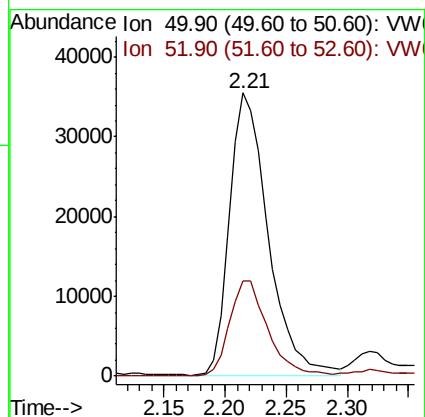
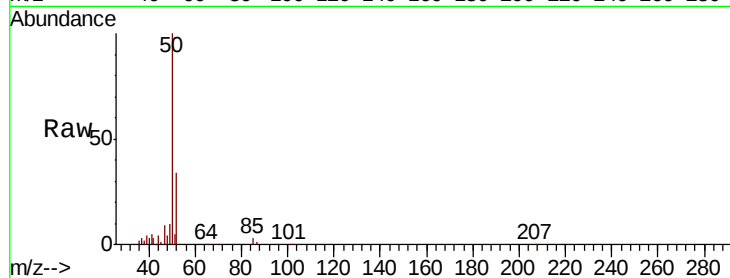
52 33.7 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 61.577 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005660.D

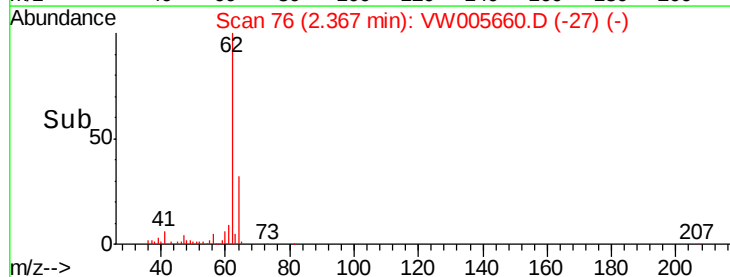
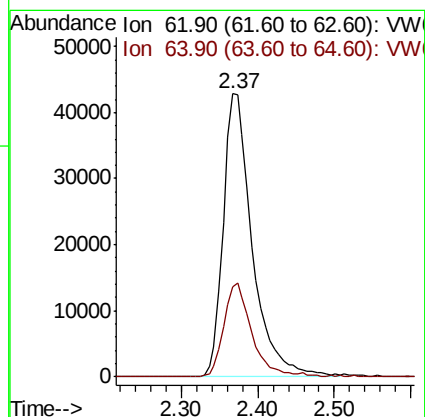
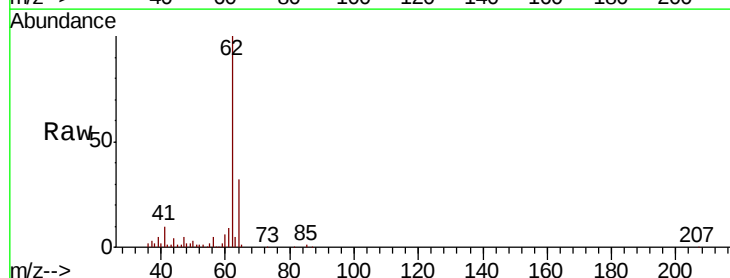
Acq: 26 Sep 2018 18:33

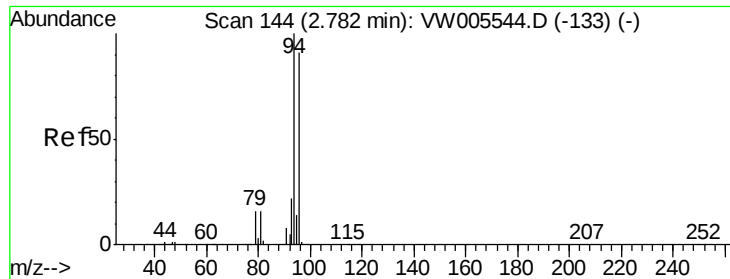
Tgt Ion: 62 Resp: 112684

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 58.575 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

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Tot Ion: 94 Resp: 72439

Ion Ratio Lower Upper

94 100

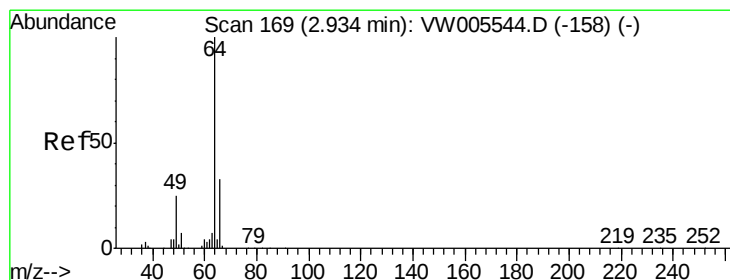
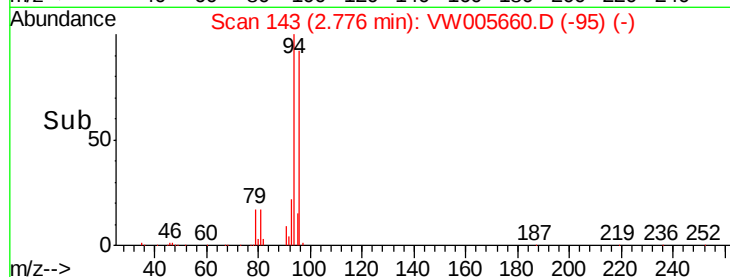
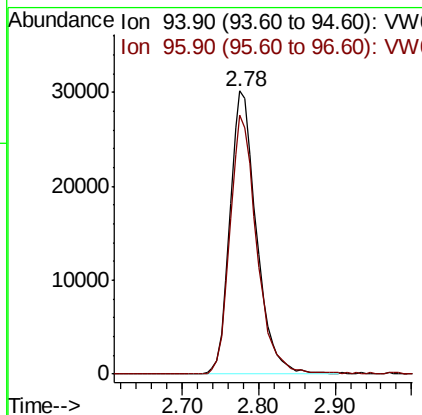
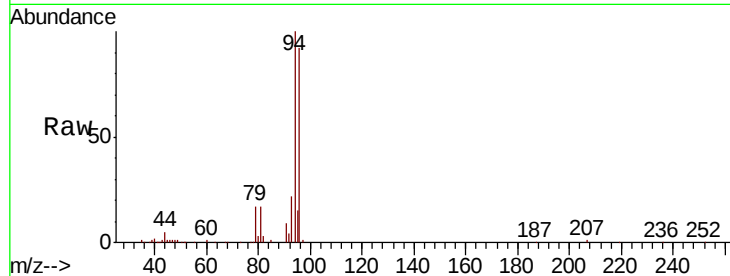
96 91.3 73.1 109.7

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#6

Chloroethane

Concen: 57.062 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005660.D

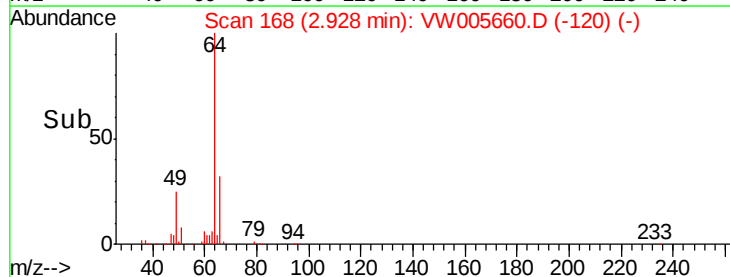
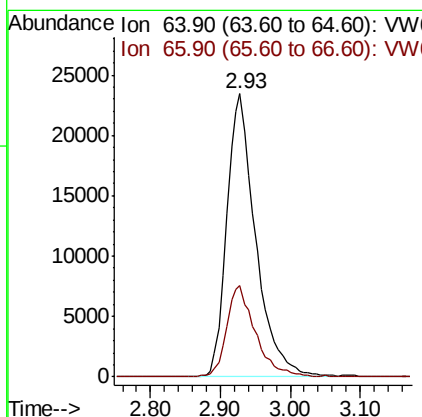
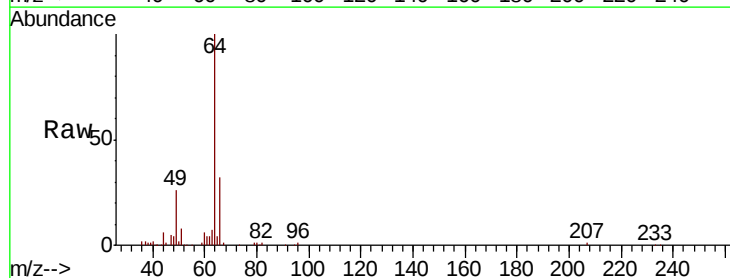
Acq: 26 Sep 2018 18:33

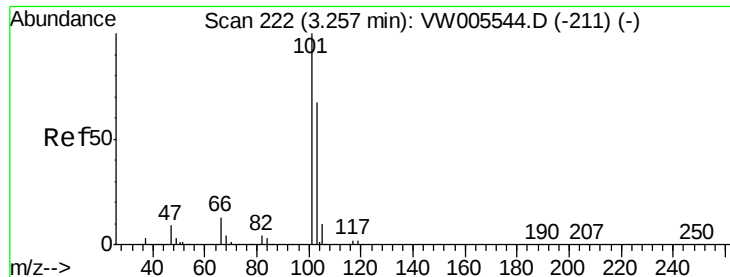
Tgt Ion: 64 Resp: 67004

Ion Ratio Lower Upper

64 100

66 32.4 26.0 39.0





#7

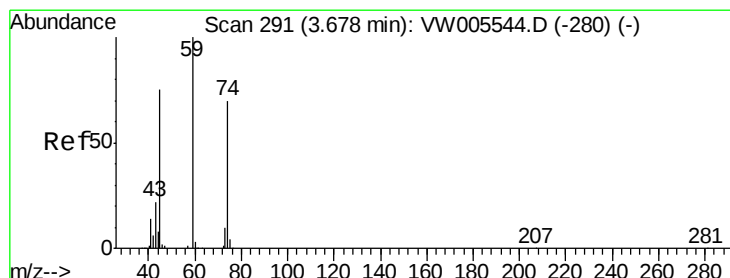
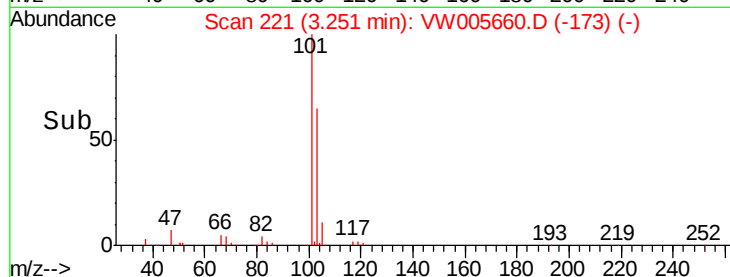
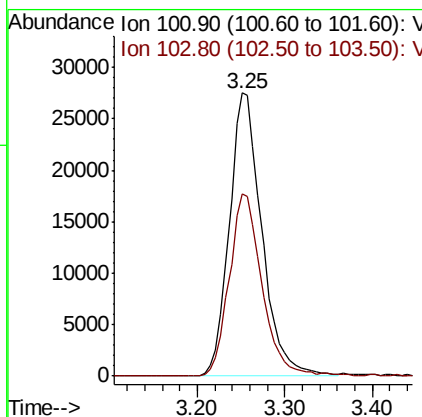
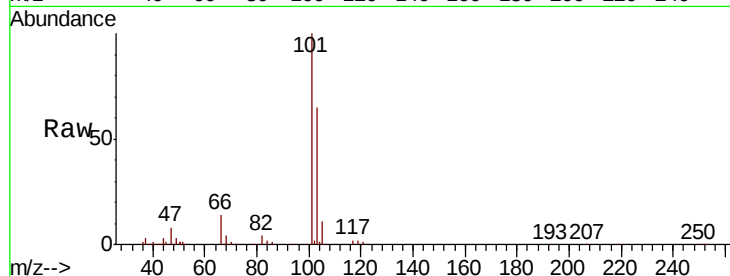
Trichlorofluoromethane
 Concen: 49.677 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

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 EP1-Q1-G3

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	53.2	79.8

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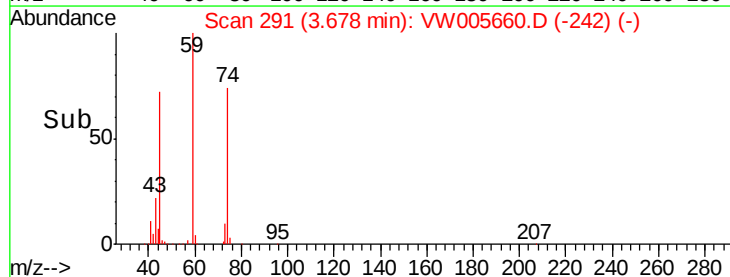
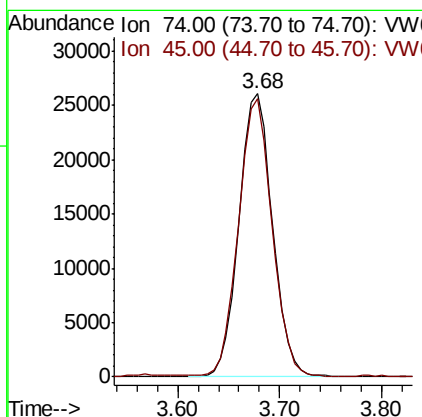
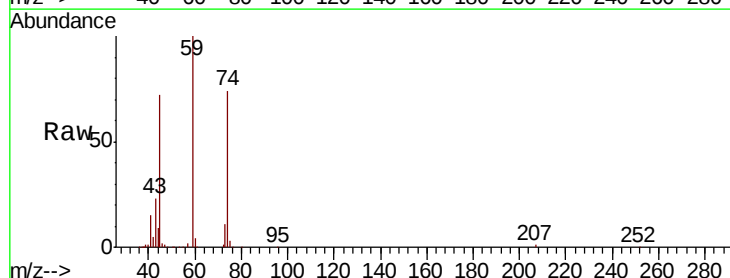
apatel
 9/27/2018 10:33:47 AM

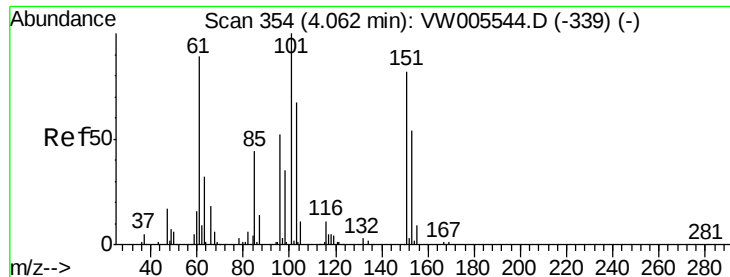


#8

Diethyl Ether
 Concen: 63.808 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.281 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

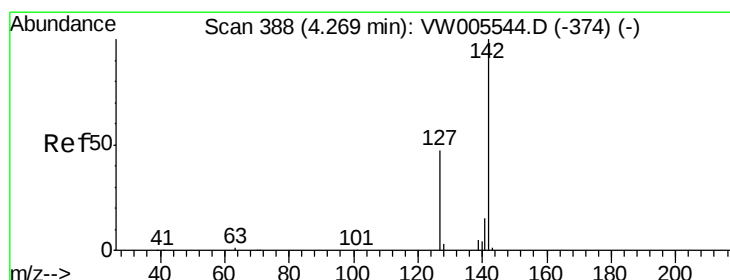
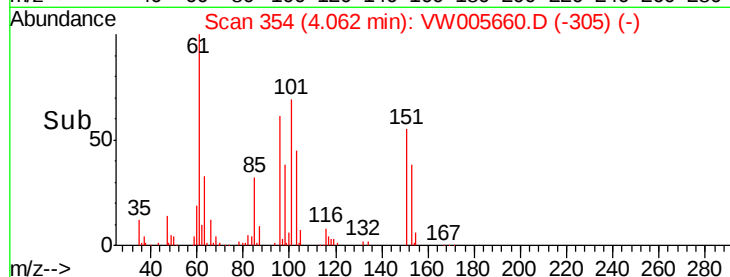
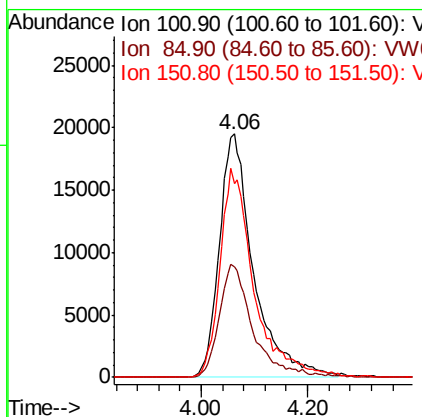
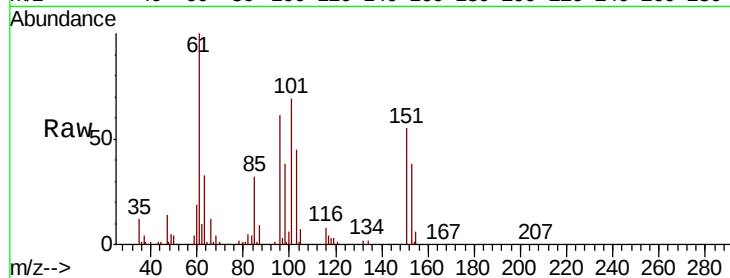
ClientSampleId :

EP1-Q1-G3

Tot Ion:	101	Resp:	87473
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.4	54.6
151	85.0	65.8	98.6

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#10

Methyl Iodide

Concen: 60.696 ug/l

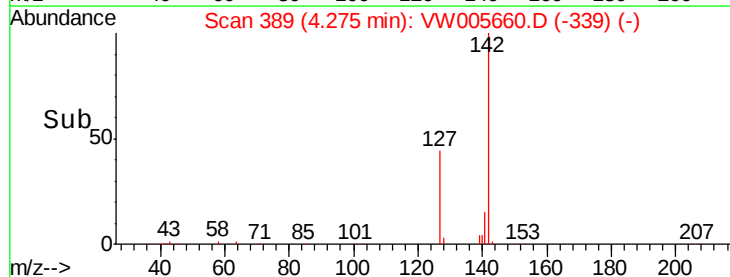
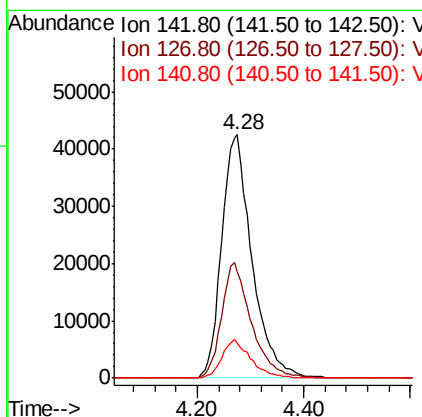
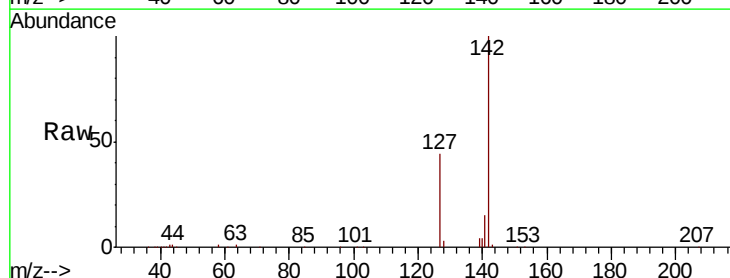
RT: 4.28 min Scan# 389

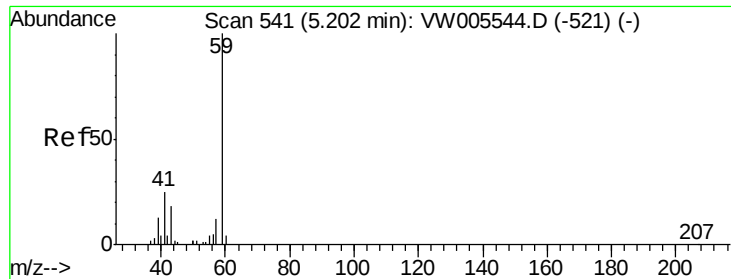
Delta R.T. 0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Tgt Ion:	142	Resp:	169116
Ion Ratio	Lower	Upper	
142	100		
127	46.6	37.4	56.0
141	15.1	11.9	17.9





#11

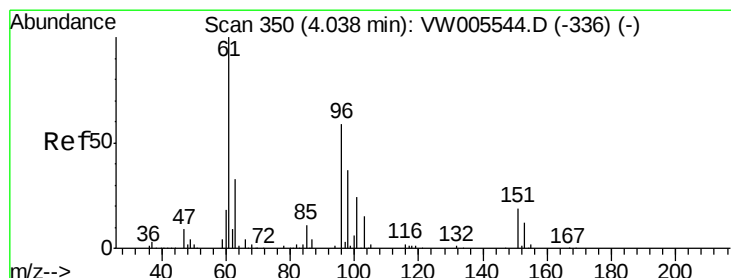
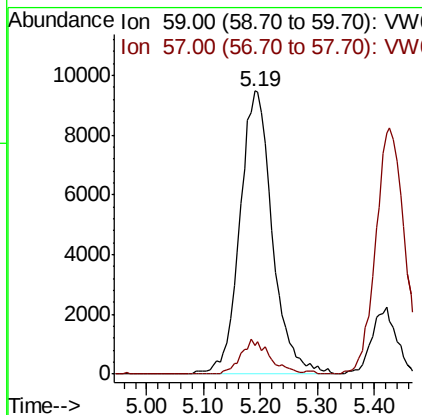
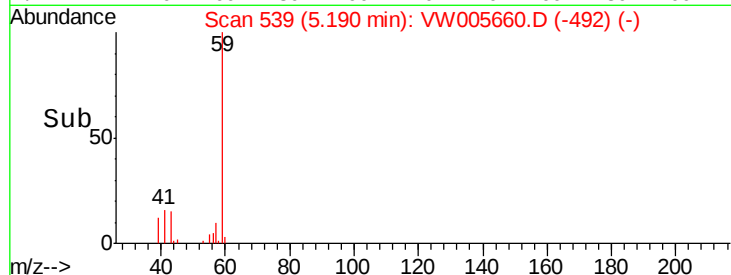
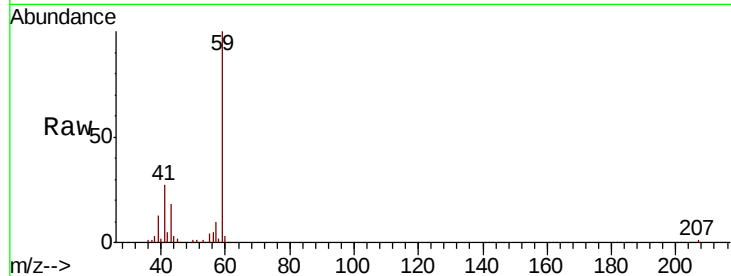
Tert butyl alcohol
Concen: 326.146 ug/l
RT: 5.19 min Scan# 539
Delta R.T. -0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-G3

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

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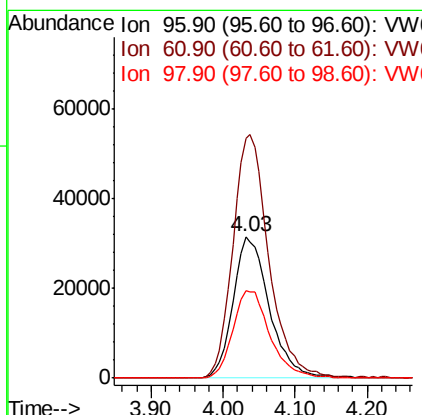
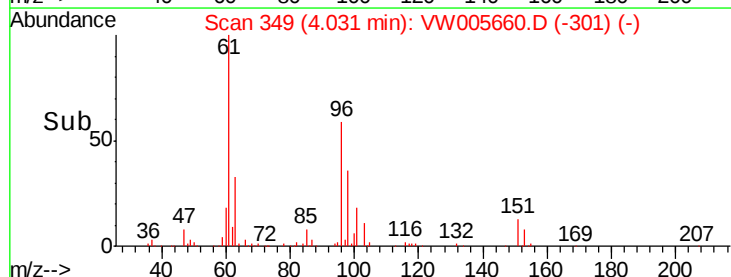
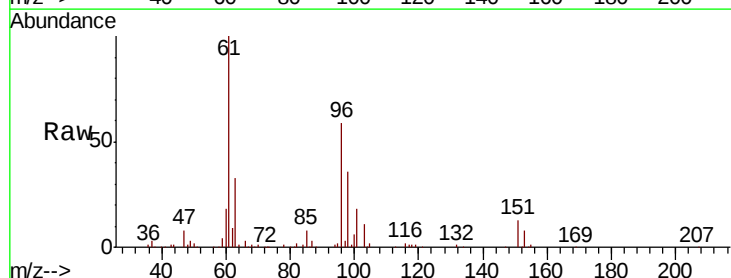
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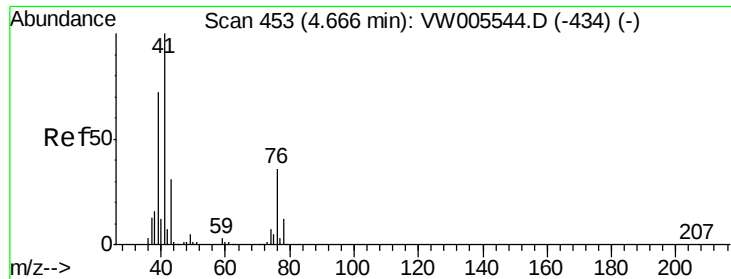


#12

1,1-Dichloroethene
Concen: 63.428 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.5	135.0	202.6
98	61.5	50.6	76.0





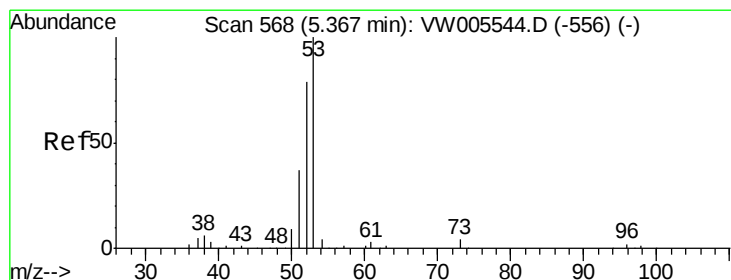
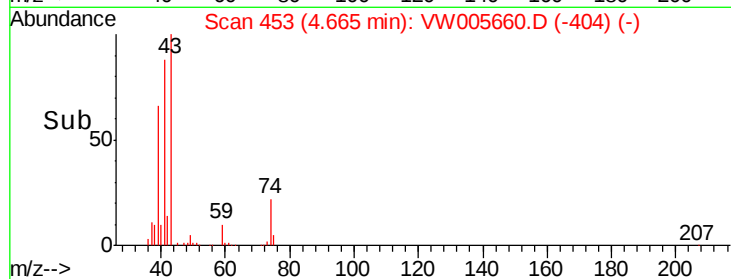
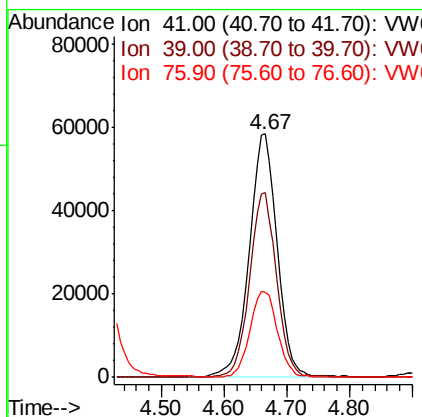
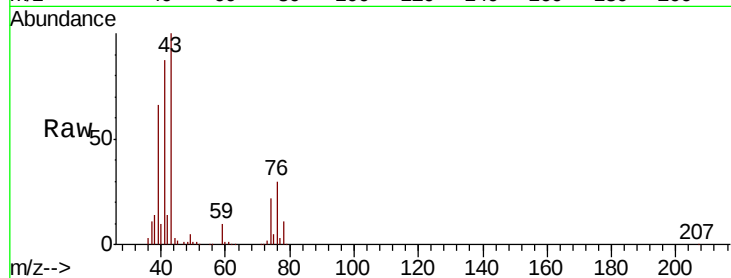
#14
Allvl chloride
Concen: 59.491 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	73.4	59.6	89.4	
76	35.0	27.7	41.5	

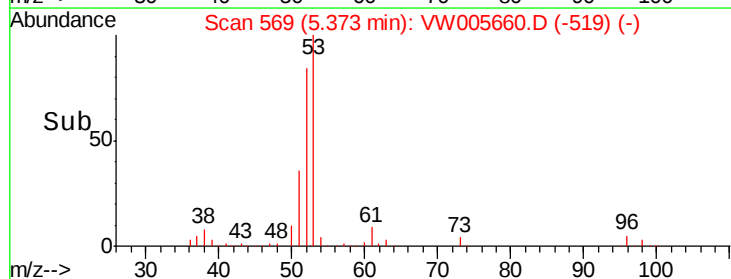
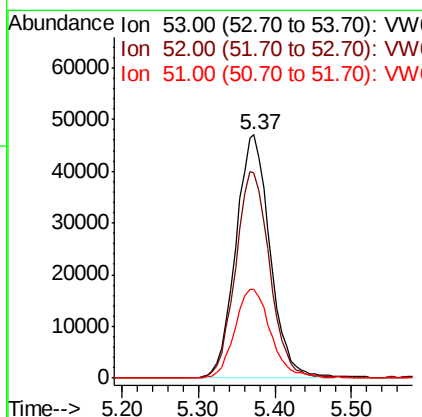
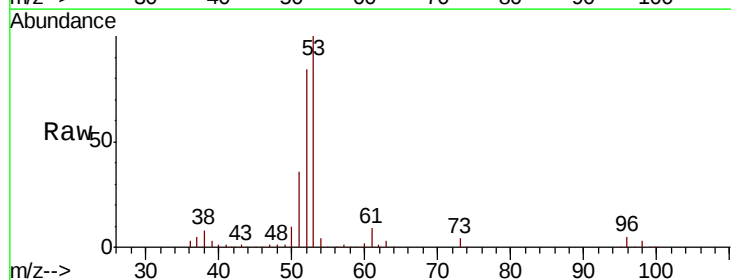
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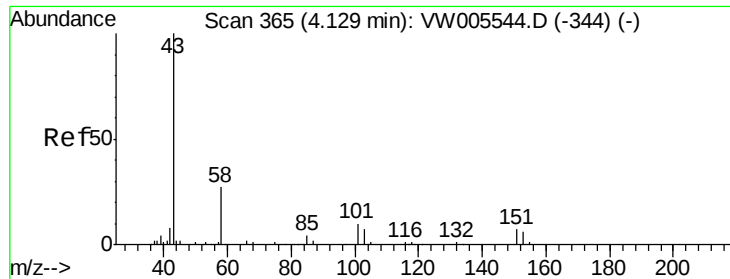
apatel
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#15
Acrylonitrile
Concen: 352.921 ug/l
RT: 5.37 min Scan# 569
Delta R.T. 0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
53	100			
52	84.4	66.5	99.7	
51	38.3	30.6	46.0	





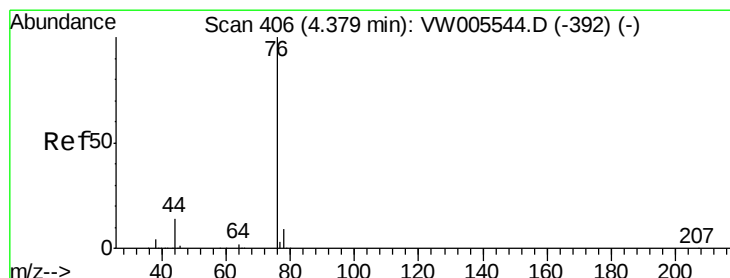
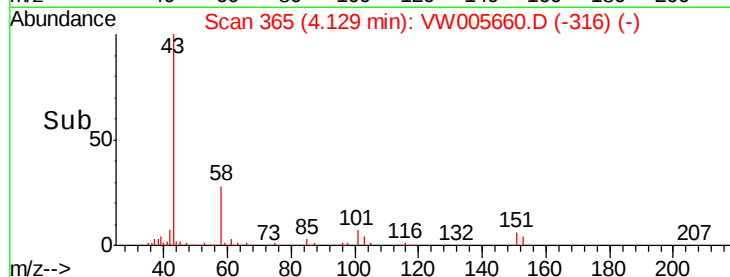
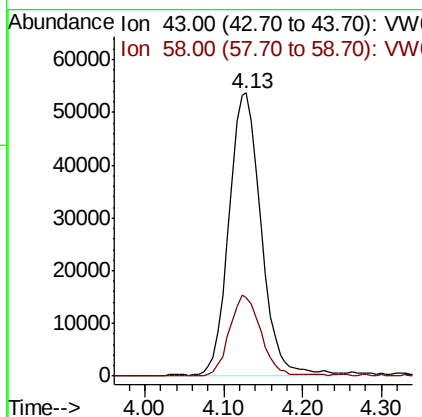
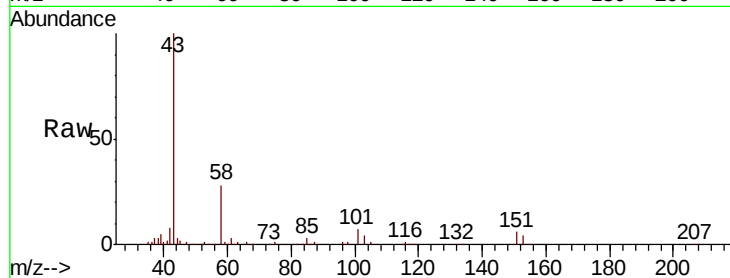
#16
Acetone
Concen: 435.790 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.8	32.8

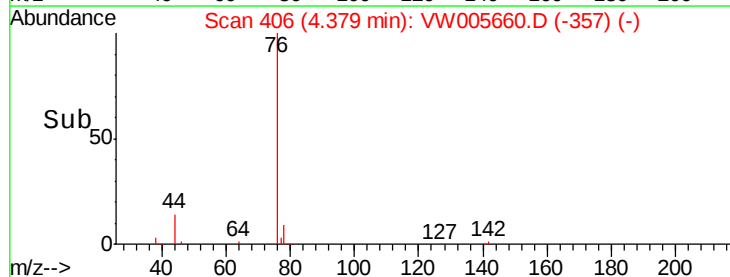
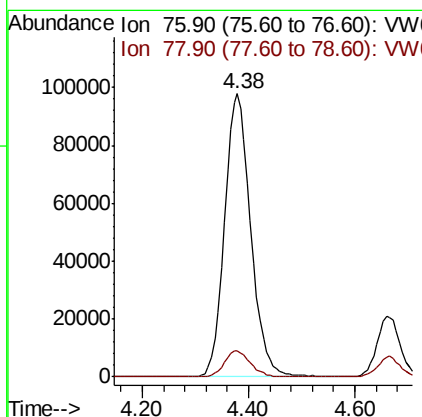
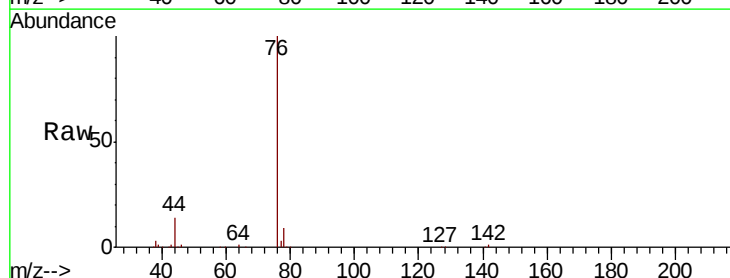
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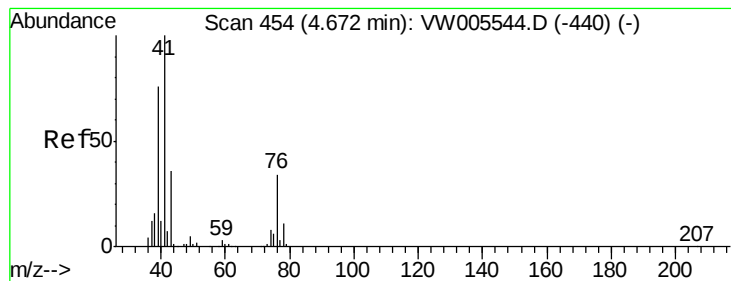
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#17
Carbon Disulfide
Concen: 61.756 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0





#18

Methyl Acetate

Concen: 187.213 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

Tot Ion: 43 Resp: 199079

Ion Ratio Lower Upper

43 100

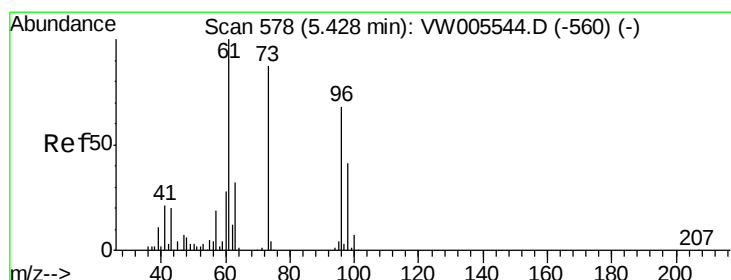
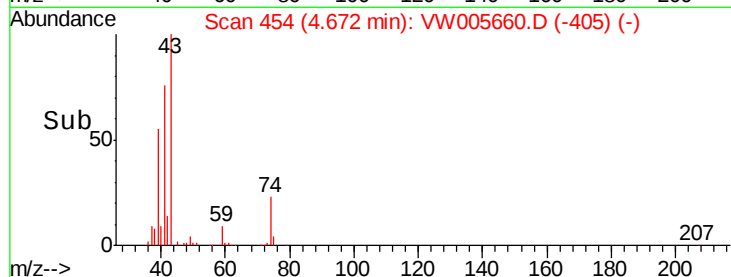
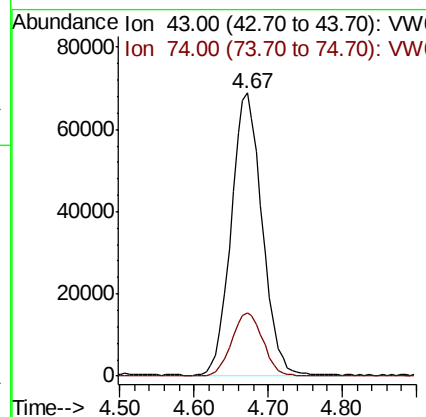
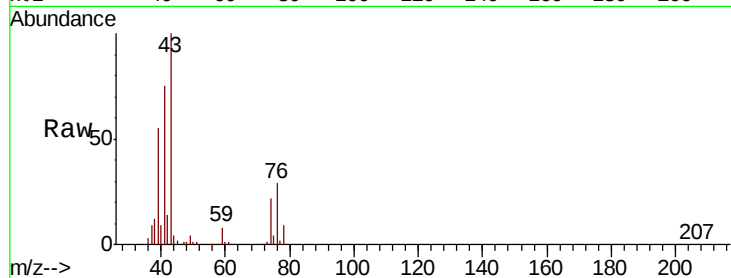
74 22.8 19.2 28.8

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#19

Methyl tert-butyl Ether

Concen: 48.461 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW005660.D

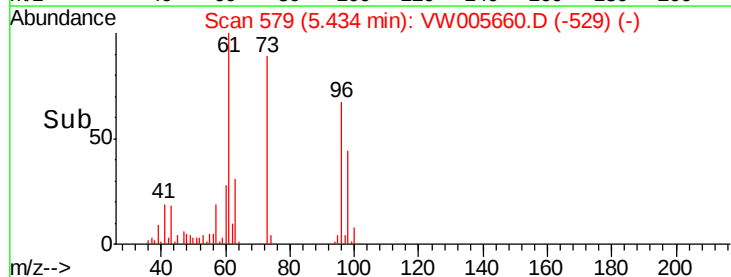
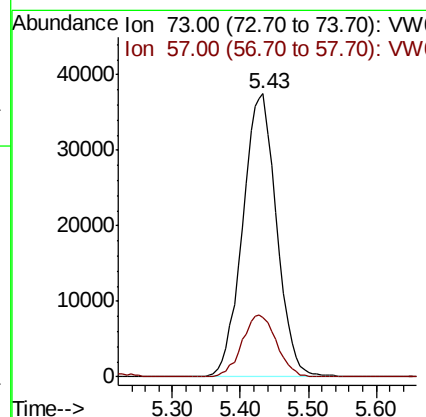
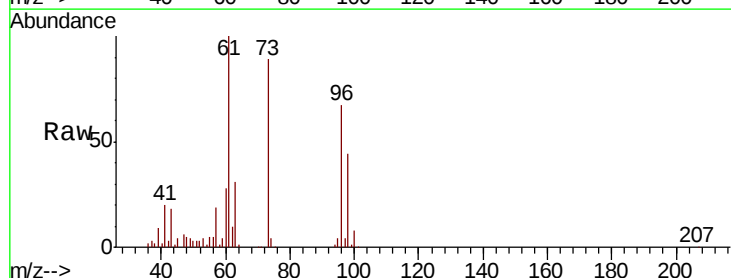
Acq: 26 Sep 2018 18:33

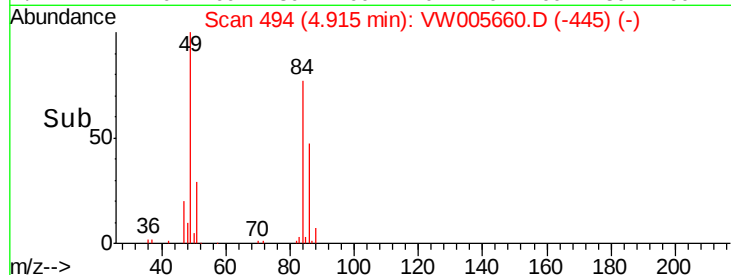
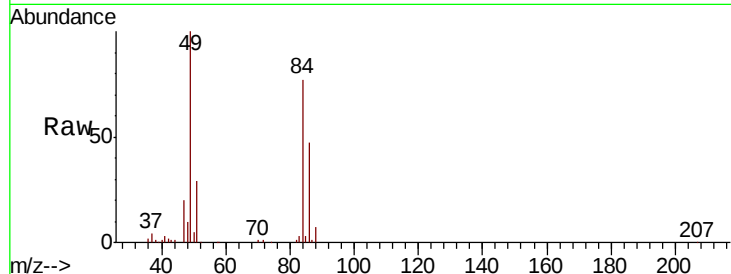
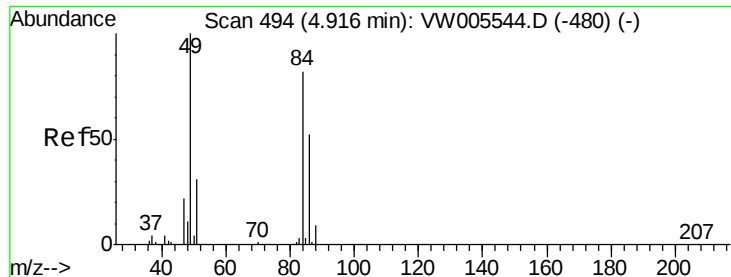
Tgt Ion: 73 Resp: 129741

Ion Ratio Lower Upper

73 100

57 20.9 17.6 26.4





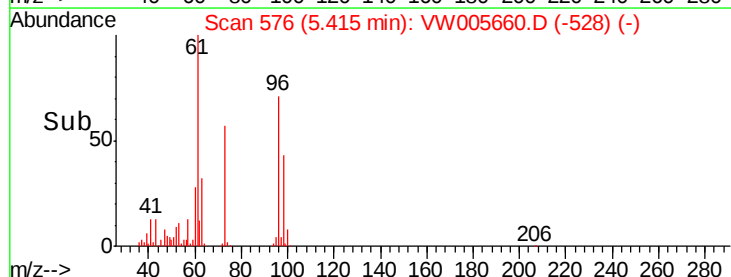
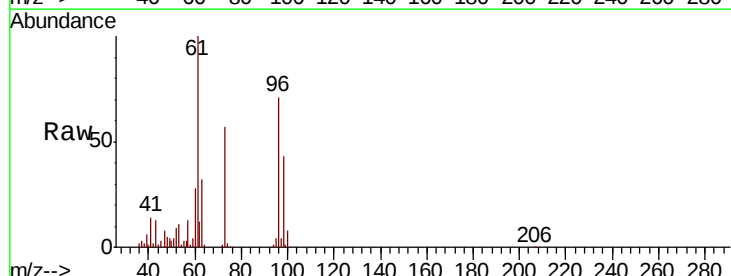
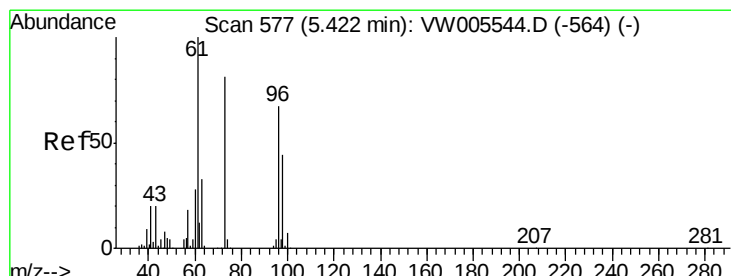
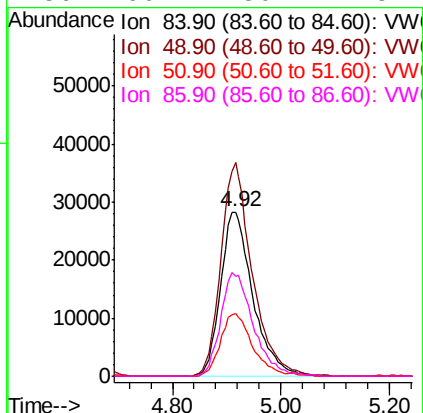
#20
Methylene Chloride
Concen: 63.302 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tot Ion	84	Resp	116849
Ion Ratio	Lower	Upper	
84	100		
49	130.0	97.0	145.6
51	38.0	30.2	45.2
86	60.7	50.2	75.4

Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-G3

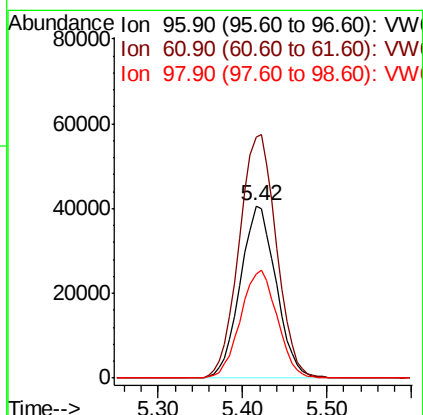
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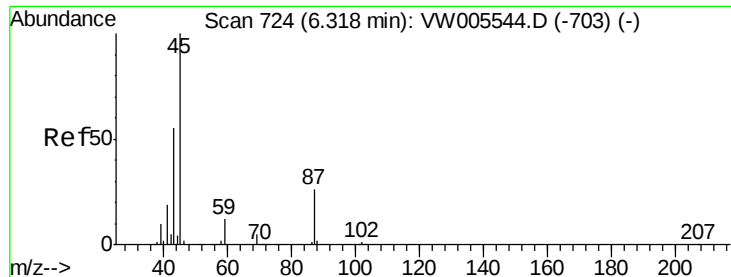
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#21
trans-1,2-Dichloroethene
Concen: 61.644 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	96	Resp	117110
Ion Ratio	Lower	Upper	
96	100		
61	139.9	118.9	178.3
98	60.2	52.1	78.1





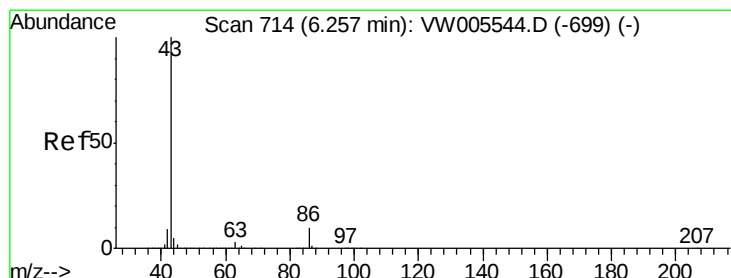
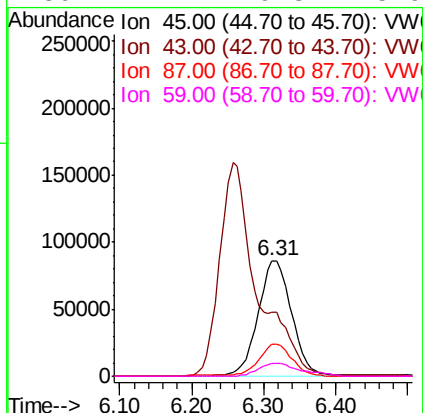
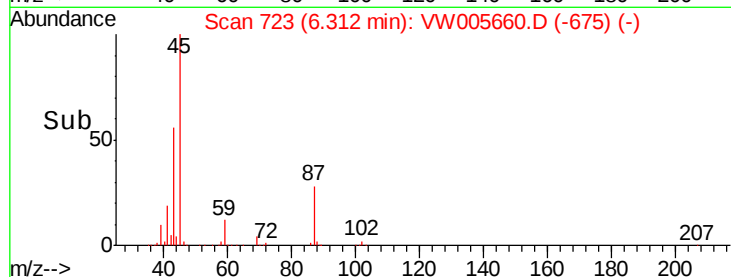
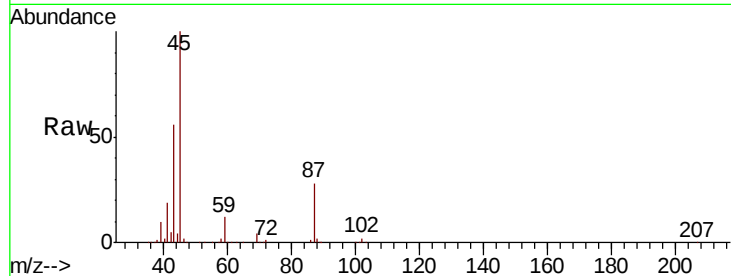
#22
Diisopropyl ether
Concen: 47.673 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-G3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
45	100		280141		
43	55.1	44.2	66.4		
87	27.4	21.4	32.2		
59	11.1	9.3	13.9		

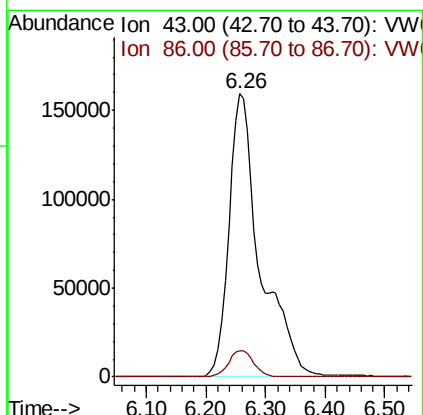
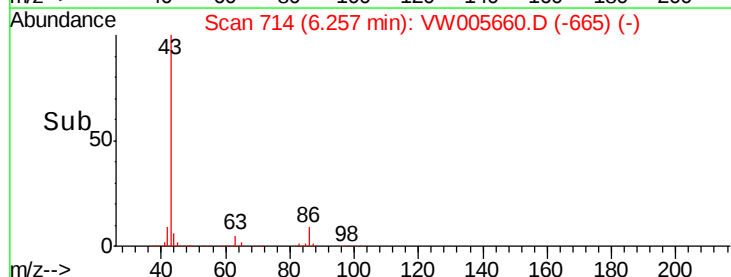
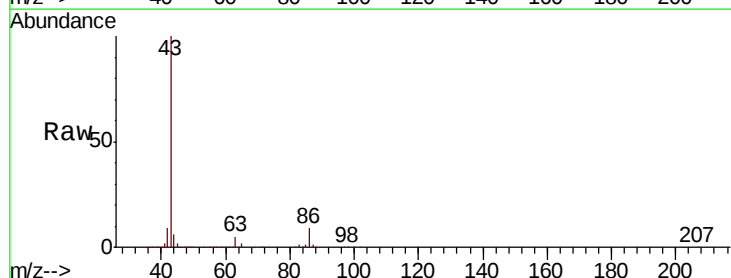
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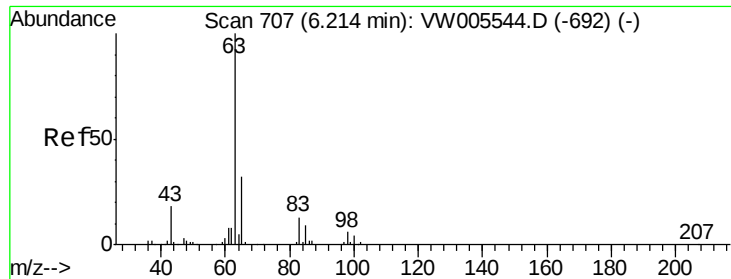
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#23
Vinyl Acetate
Concen: 172.767 ug/l
RT: 6.26 min Scan# 714
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		580271		
86	9.0	7.7	11.5		





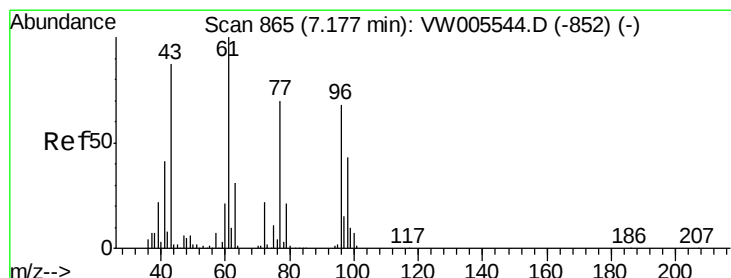
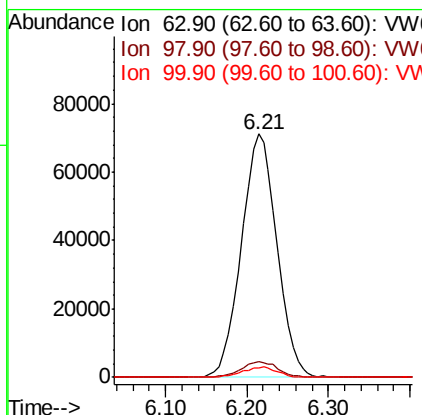
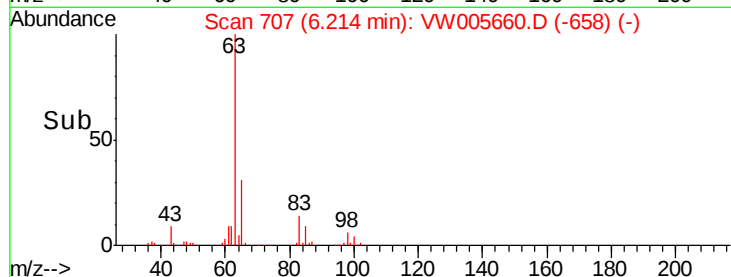
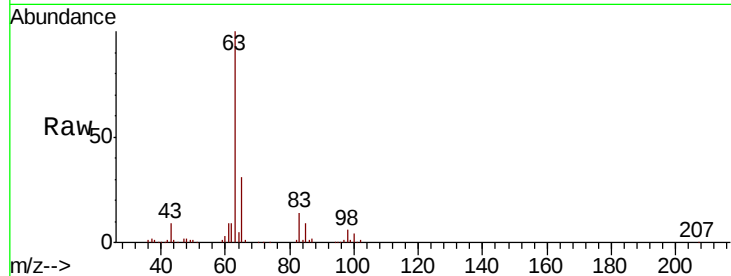
#24
 1,1-Dichloroethane
 Concen: 59.279 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

Tot Ion	Ratio	Resp	Lower	Upper
63	100	215218		
98	6.2		2.9	8.8
100	4.0		2.1	6.2

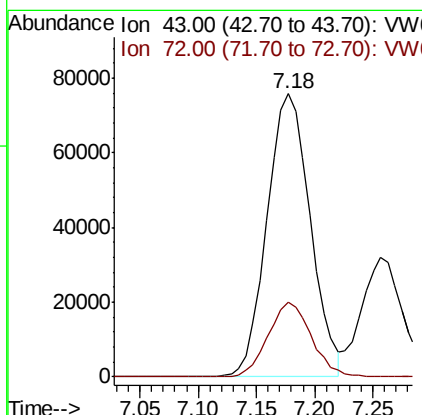
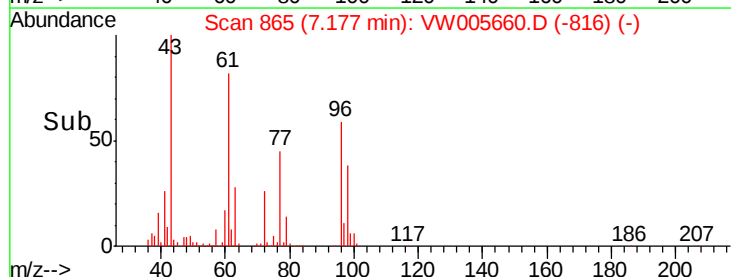
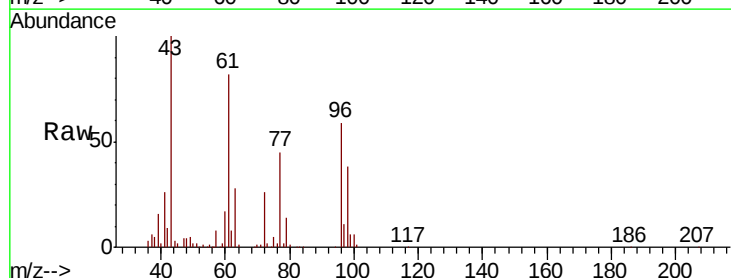
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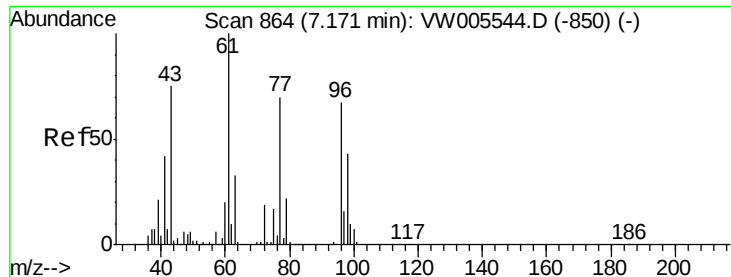
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#25
 2-Butanone
 Concen: 358.086 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	195129		
72	26.3		19.9	29.9





#26

2,2-Dichloropropane

Concen: 43.945 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampled :

EP1-Q1-G3

Tot Ion: 77 Resp: 111383

Ion Ratio Lower Upper

77 100

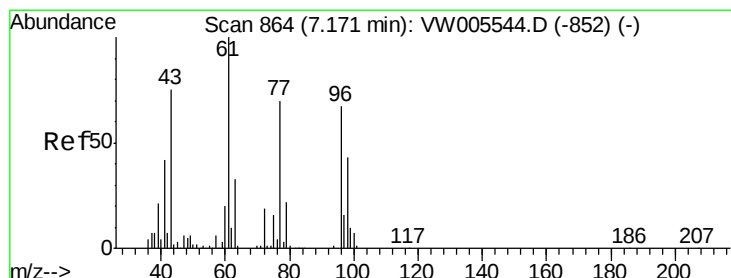
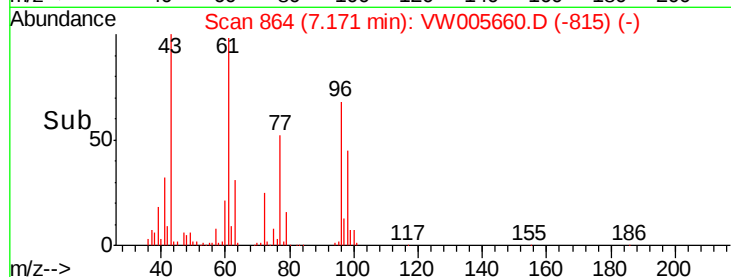
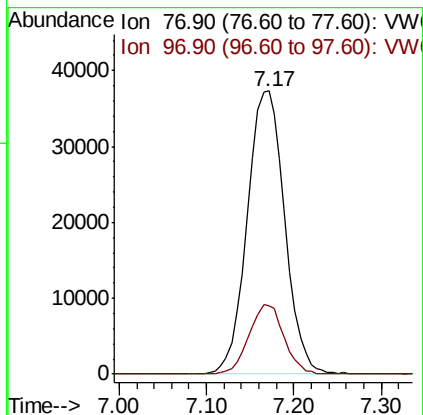
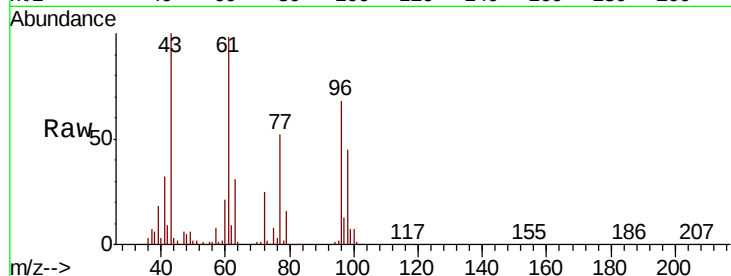
97 22.9 11.0 33.0

Manual Integrations

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#27

cis-1,2-Dichloroethene

Concen: 61.183 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

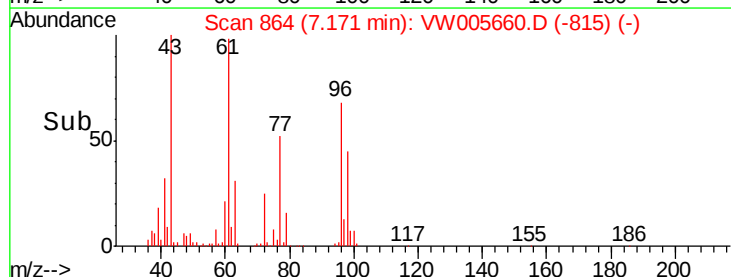
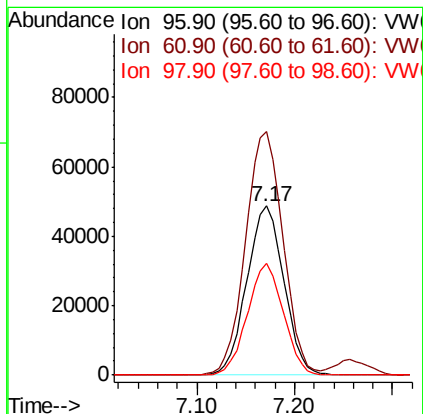
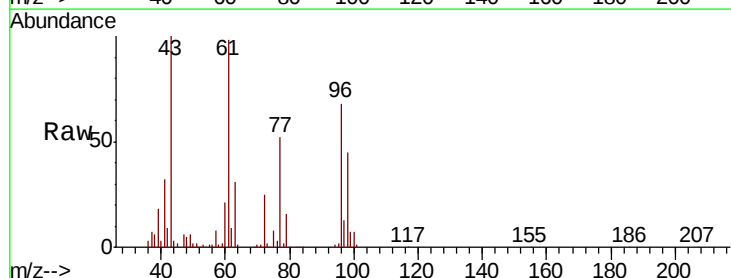
Tgt Ion: 96 Resp: 128203

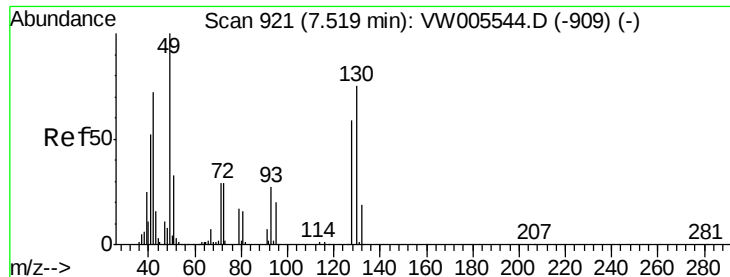
Ion Ratio Lower Upper

96 100

61 145.6 0.0 303.4

98 64.1 0.0 127.2





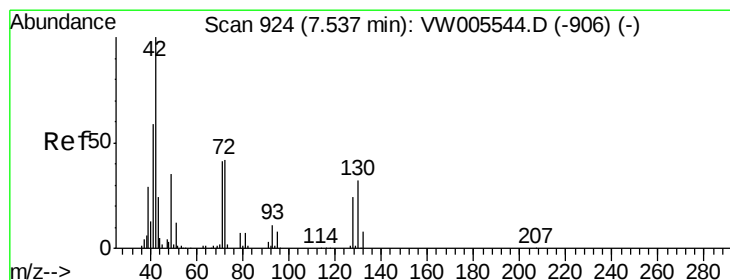
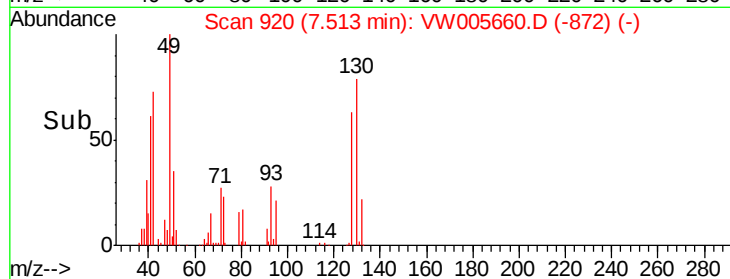
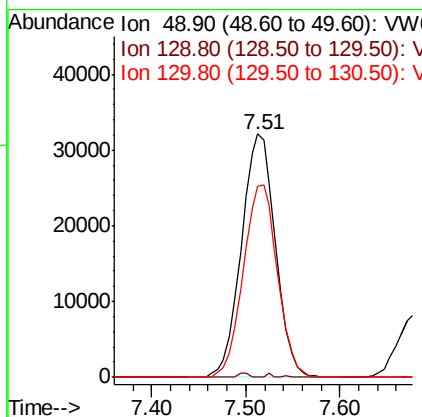
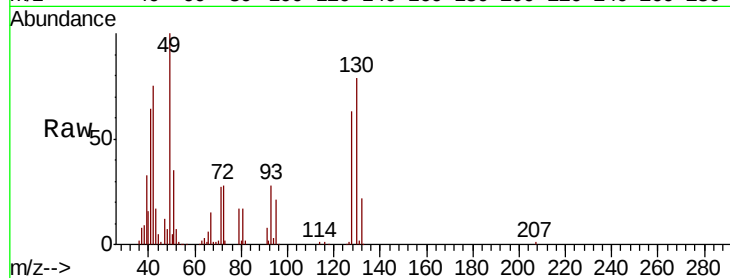
#28
Bromochloromethane
Concen: 56.390 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.4
130	79.5	61.3	91.9

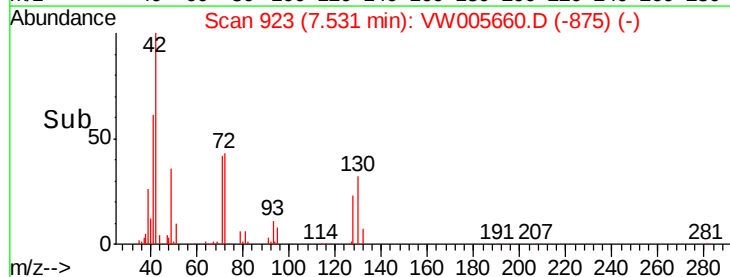
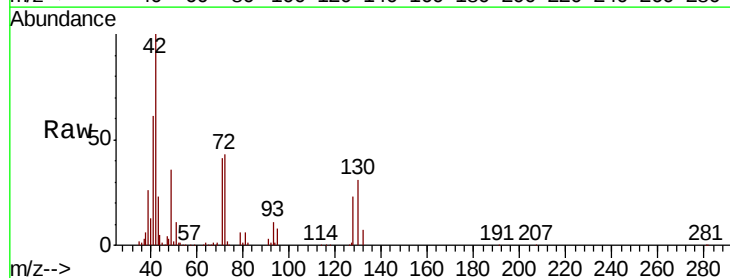
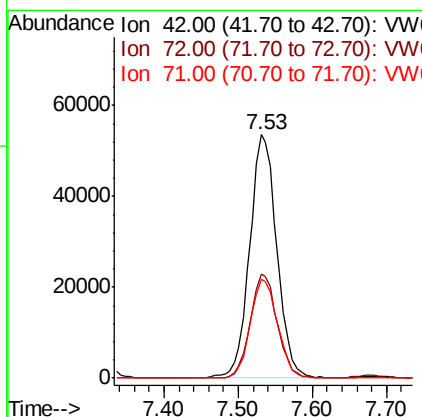
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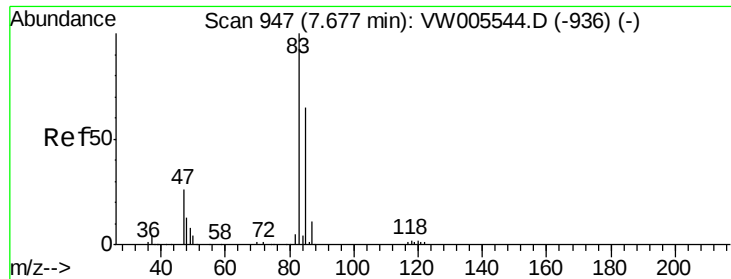
apatel
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#29
Tetrahydrofuran
Concen: 403.177 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.6	50.4
71	40.7	31.8	47.6





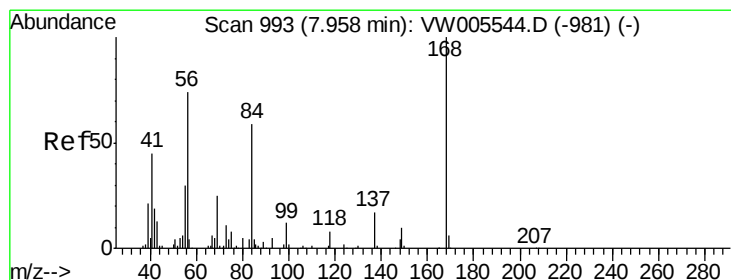
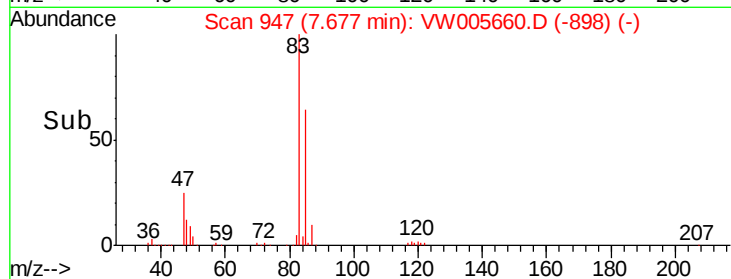
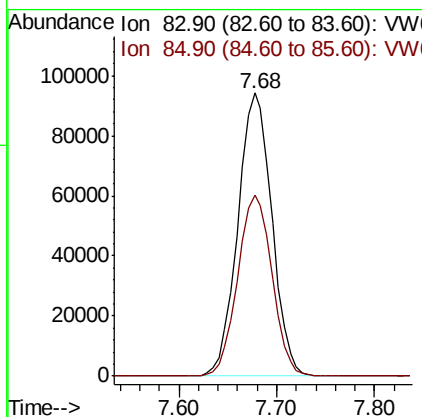
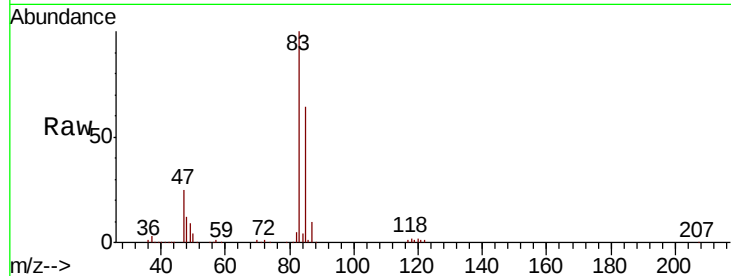
#30
Chloroform
Concen: 60.577 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-G3

Tot Ion	83	Resp	227057
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	51.8	77.6

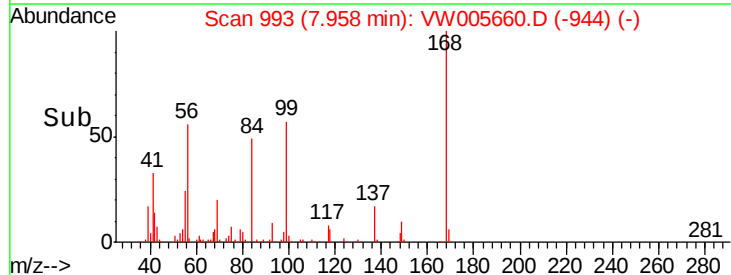
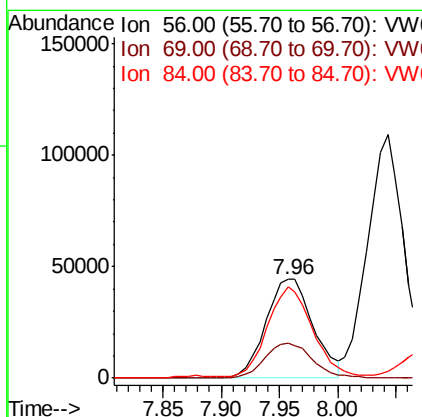
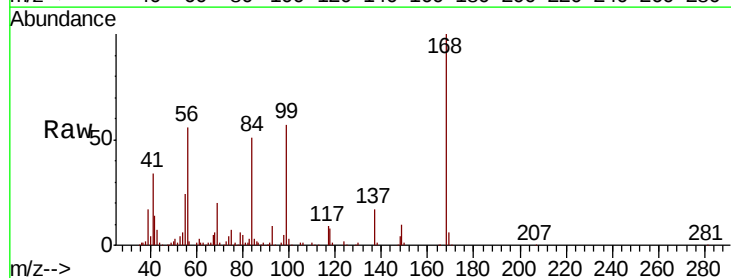
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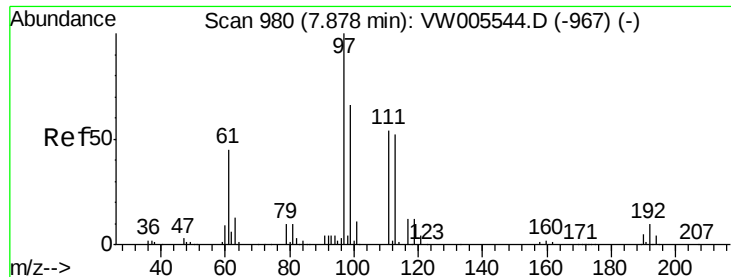
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#31
Cyclohexane
Concen: 35.877 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	56	Resp	124792
Ion Ratio	100	Lower	Upper
56	100		
69	35.5	27.0	40.4
84	90.0	64.2	96.4





#32

1,1,1-Trichloroethane

Concen: 50.364 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

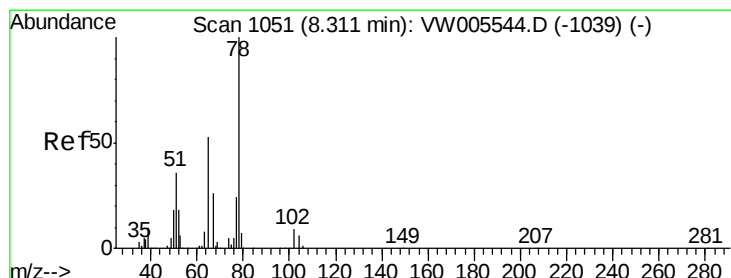
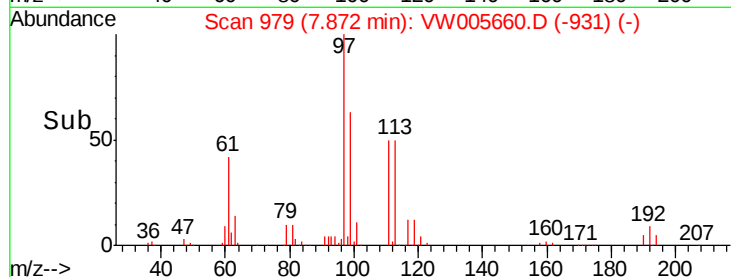
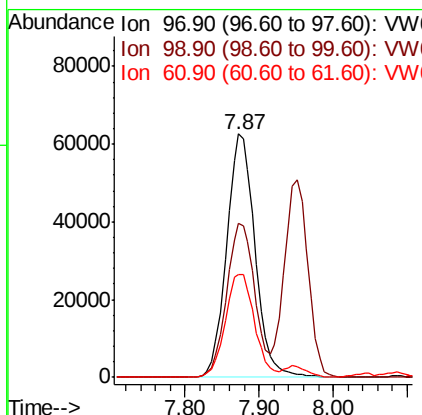
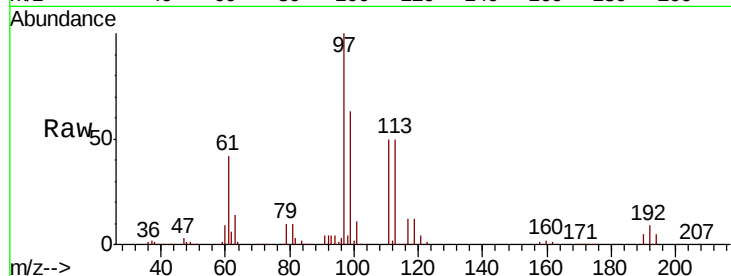
ClientSampled :

EP1-Q1-G3

Tot Ion:	97	Resp:	166765
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.0	76.6
61	43.6	36.2	54.2

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#33

1,2-Dichloroethane-d4

Concen: 61.903 ug/l

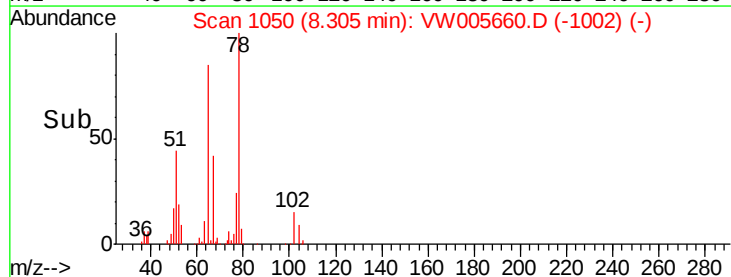
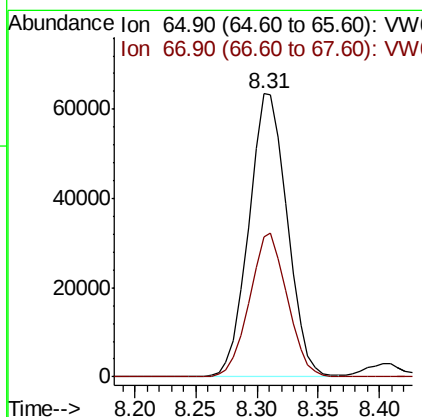
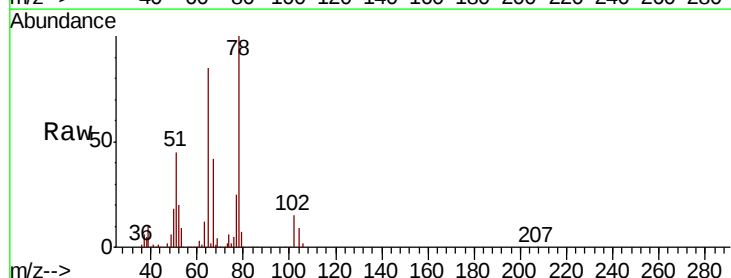
RT: 8.31 min Scan# 1050

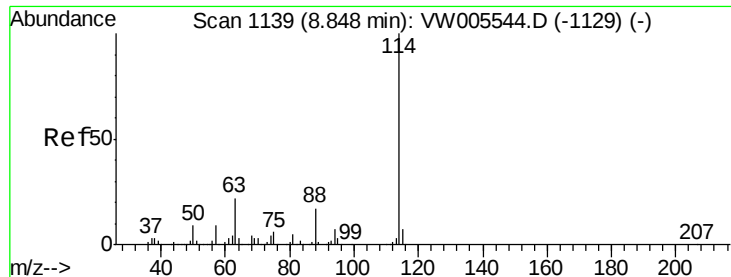
Delta R.T. -0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Tgt Ion:	65	Resp:	138887
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	100.6





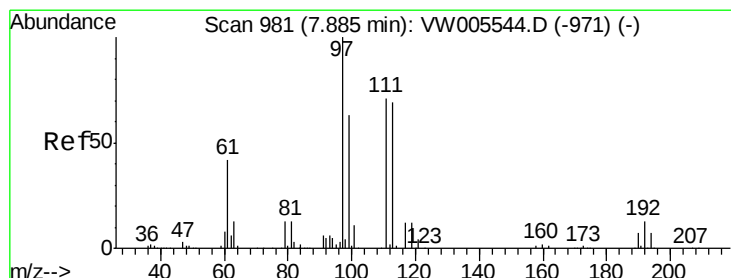
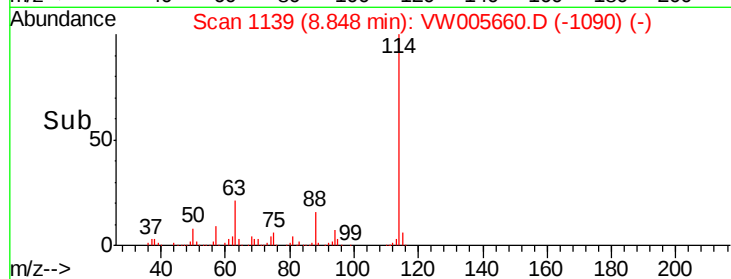
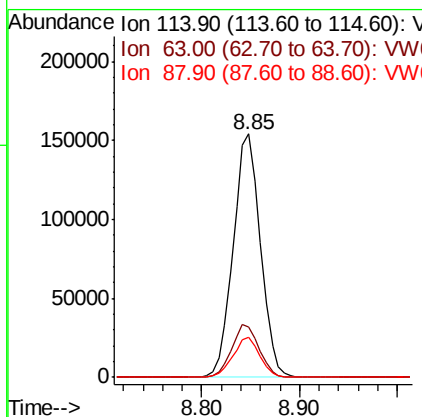
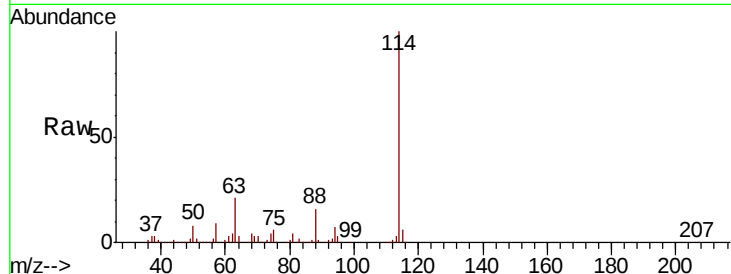
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

Tot Ion:	114	Resp:	297534
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	43.0
88	16.2	0.0	33.0

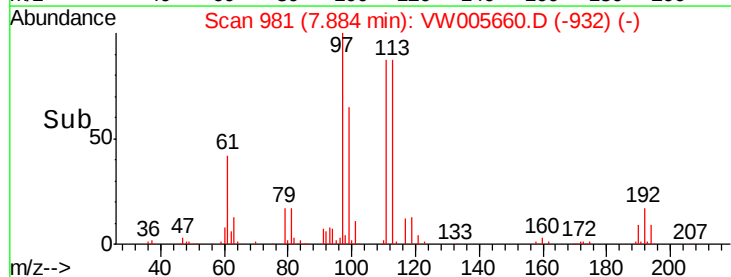
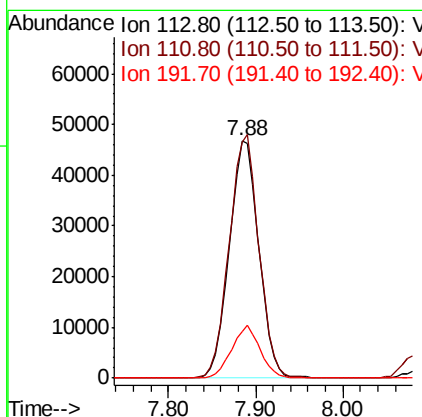
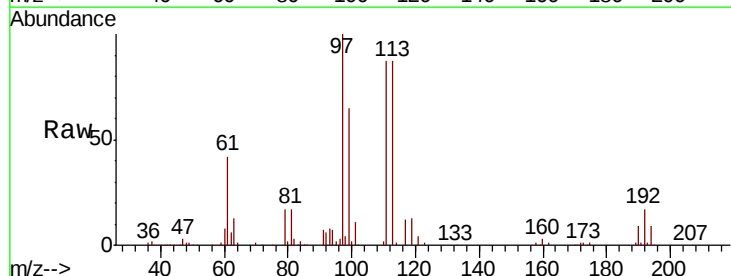
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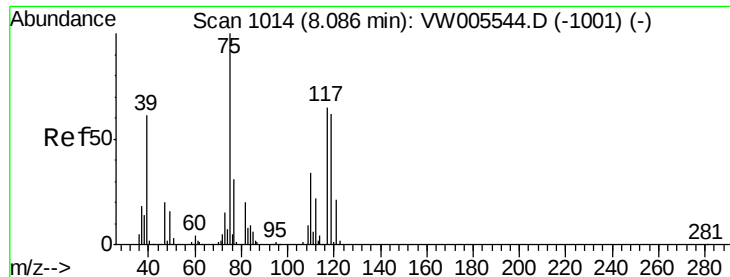
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#35
 Dibromofluoromethane
 Concen: 58.777 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Tgt Ion:	113	Resp:	109977
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.6	123.8
192	21.1	17.0	25.4





#36

1,1-Dichloropropene

Concen: 54.549 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

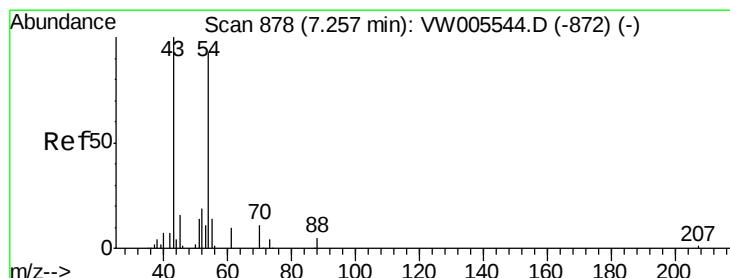
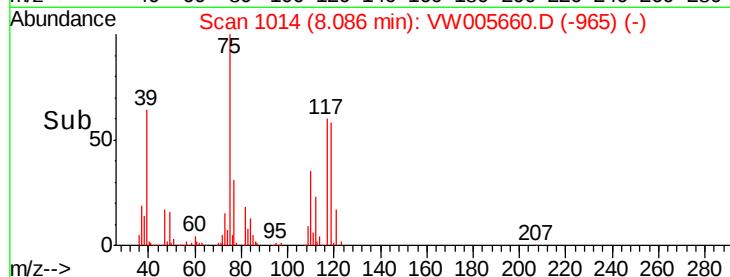
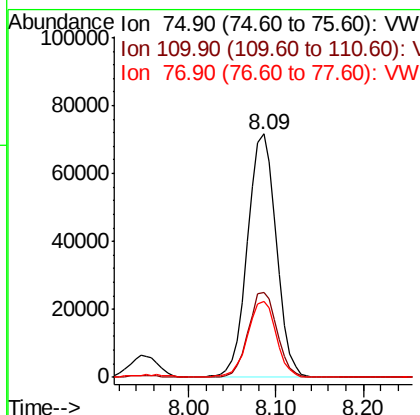
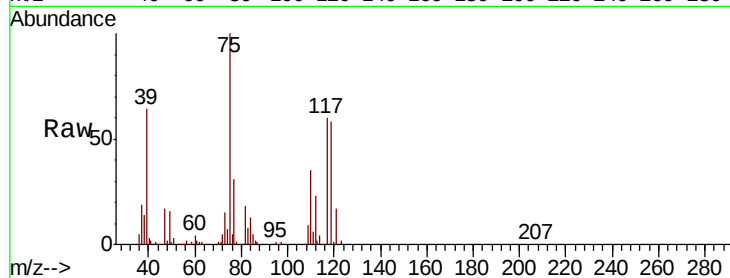
EP1-Q1-G3

Tot Ion:	75	Resp:	163383
Ion Ratio	Lower	Upper	
75	100		
110	34.6	17.0	50.9
77	31.3	24.8	37.2

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#37

Ethyl Acetate

Concen: 64.319 ug/l

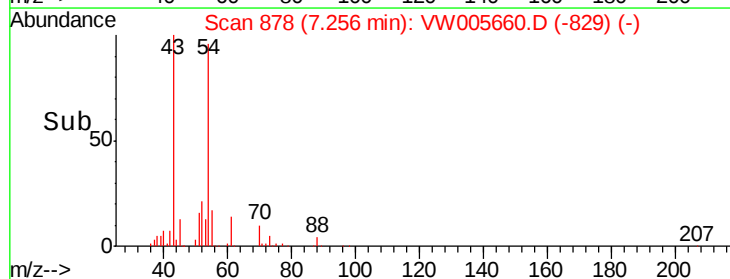
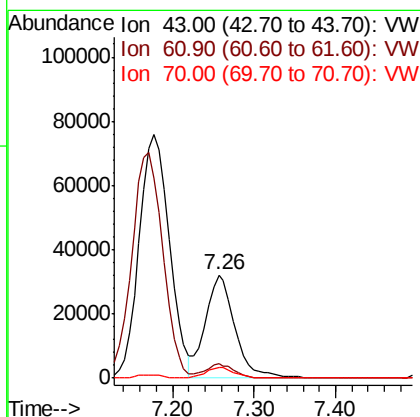
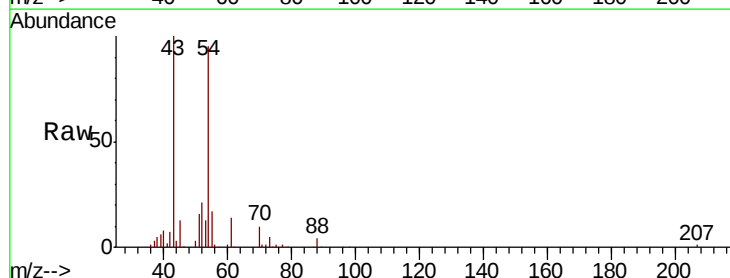
RT: 7.26 min Scan# 878

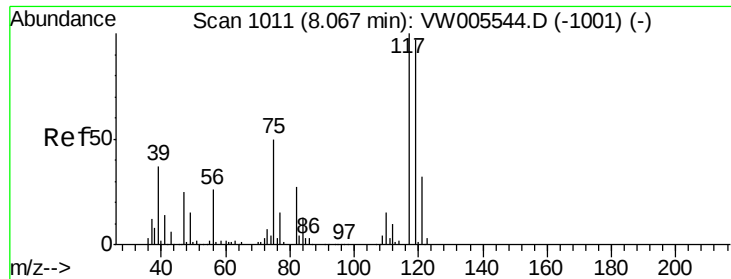
Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Tgt Ion:	43	Resp:	81070
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.4	15.6
70	10.0	8.2	12.2





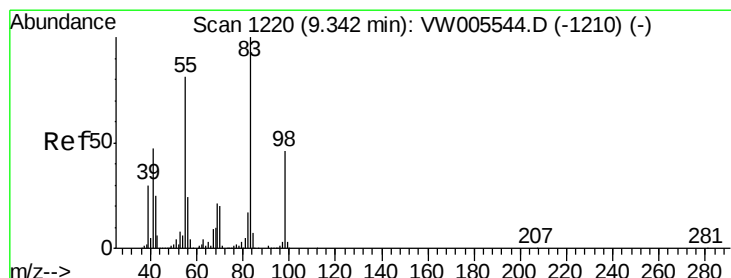
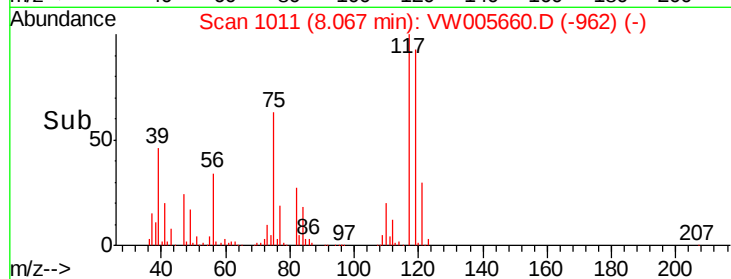
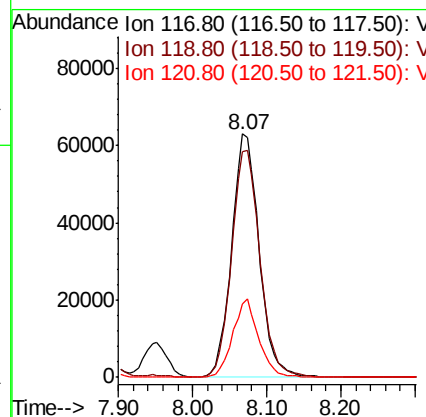
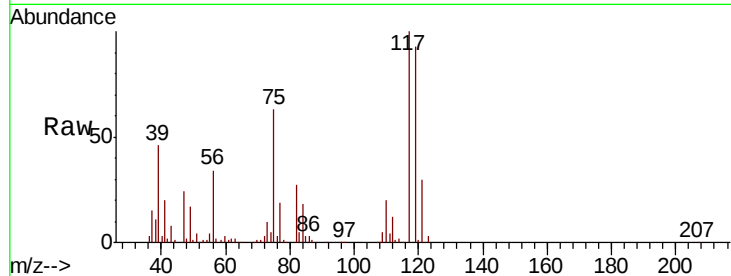
#38
Carbon Tetrachloride
Concen: 50.784 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion	Ratio	Resp	Lower	Upper
117	100	162995		
119	92.7		77.6	116.4
121	30.1		25.7	38.5

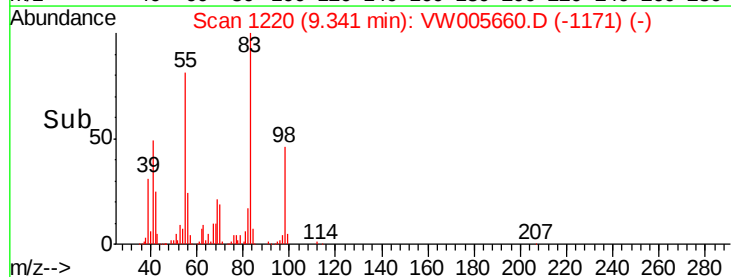
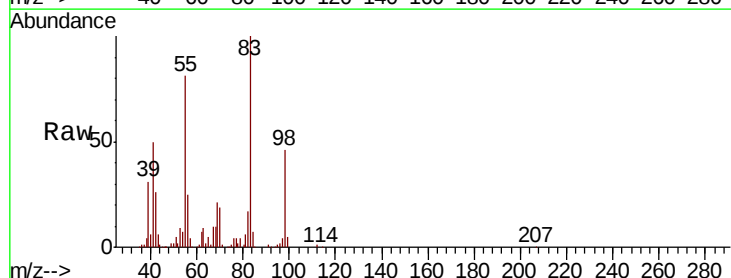
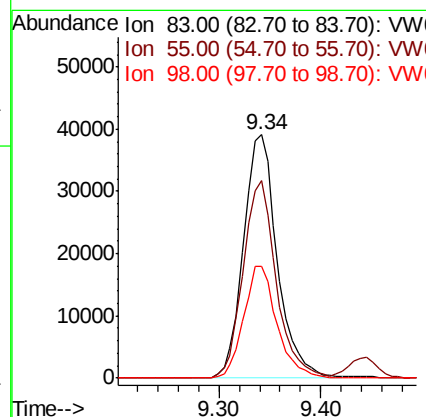
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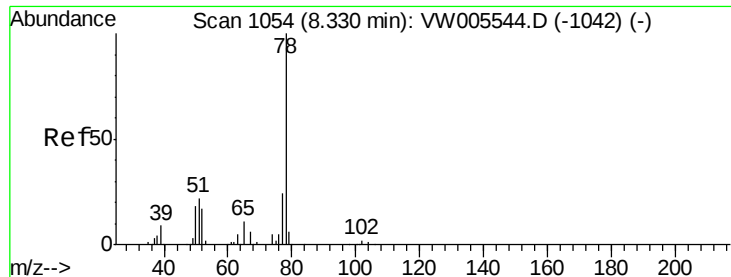
apatel
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#39
Methylcyclohexane
Concen: 25.466 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	89991		
55	81.1		64.6	97.0
98	46.0		37.0	55.6





#40

Benzene

Concen: 56.969 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampled :

EP1-Q1-G3

Tot Ion: 78 Resp: 483460

Ion Ratio Lower Upper

78 100

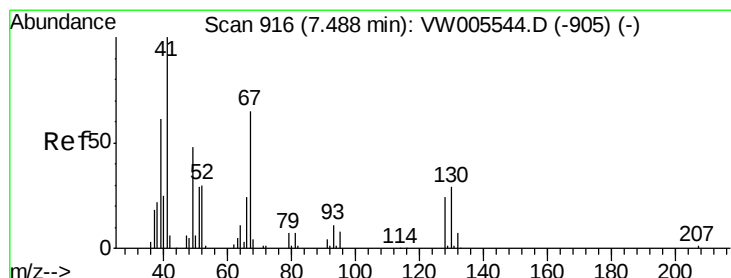
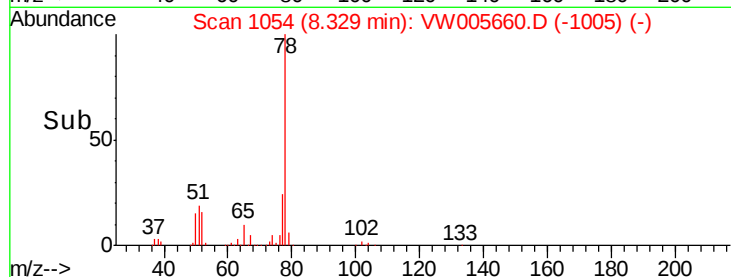
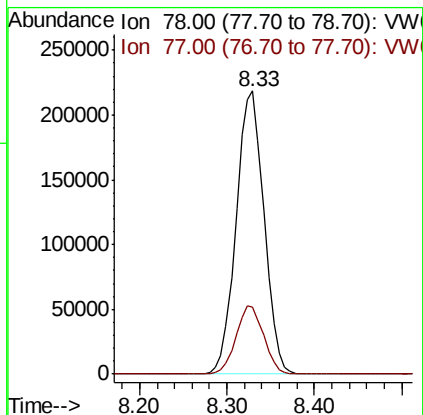
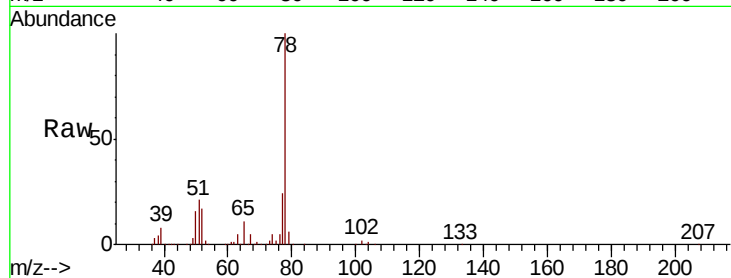
77 23.7 19.0 28.4

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#41

Methacrylonitrile

Concen: 76.437 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Tgt Ion: 41 Resp: 54825

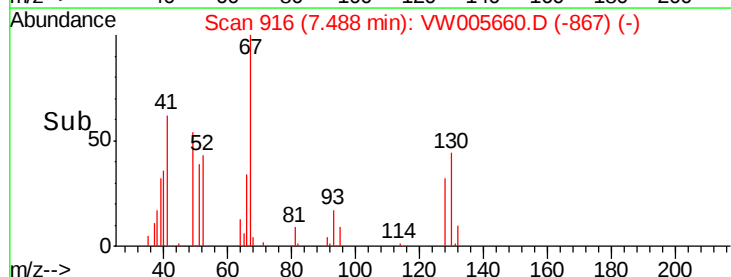
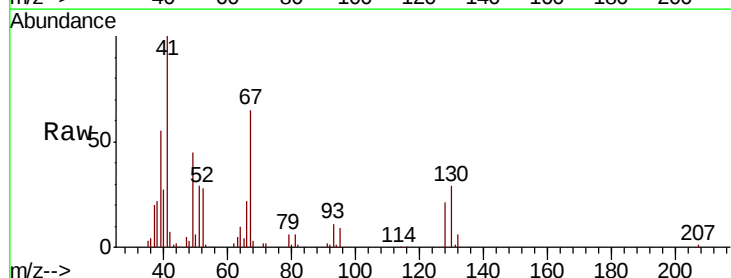
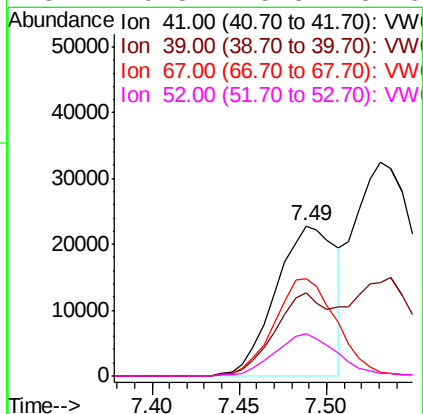
Ion Ratio Lower Upper

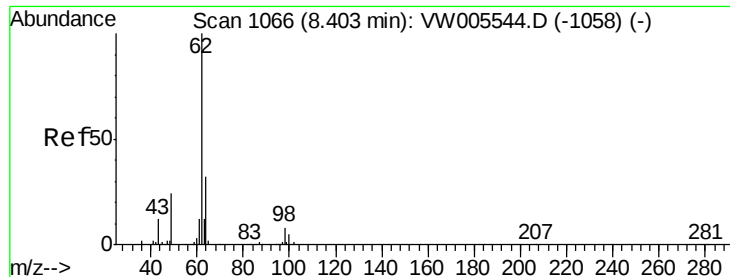
41 100

39 46.8 45.4 68.2

67 67.4 55.2 82.8

52 29.8 25.3 37.9





#42

1,2-Dichloroethane

Concen: 63.523 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

Tot Ion: 62 Resp: 172594

Ion Ratio Lower Upper

62 100

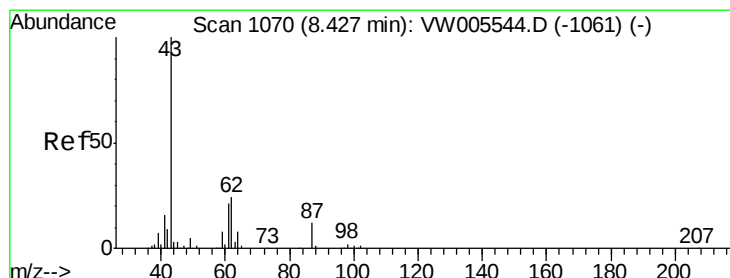
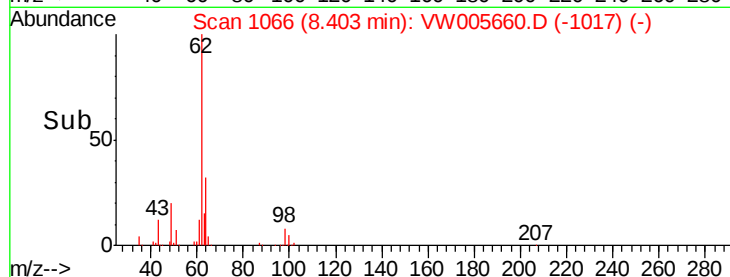
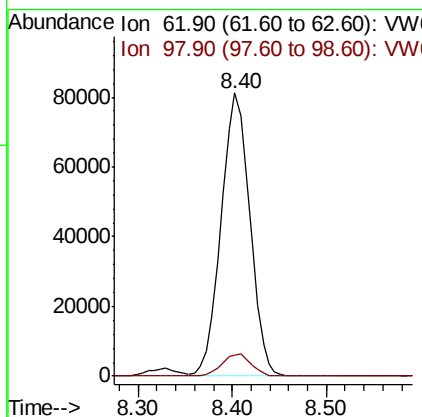
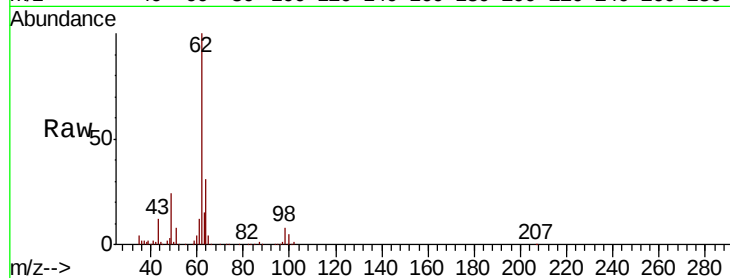
98 7.9 0.0 15.6

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#43

Isopropyl Acetate

Concen: 66.581 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

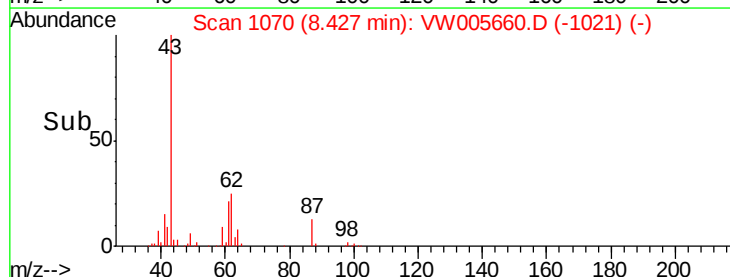
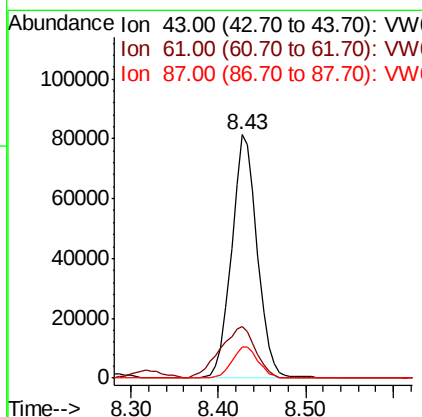
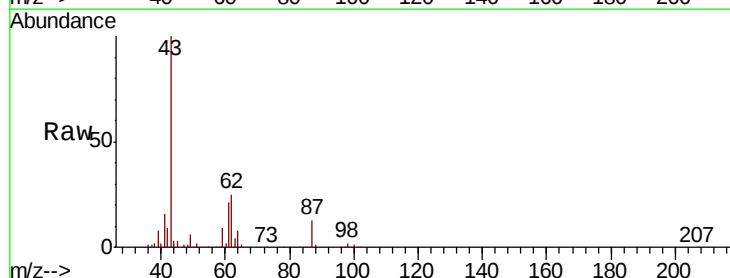
Tgt Ion: 43 Resp: 164998

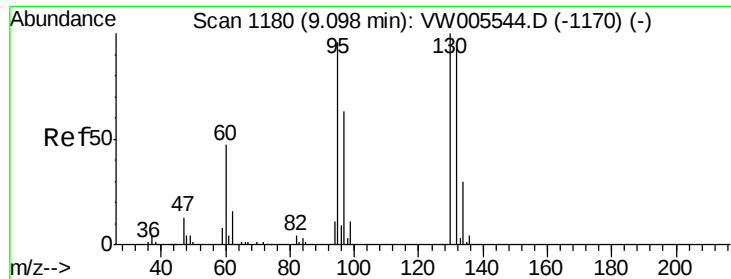
Ion Ratio Lower Upper

43 100

61 29.3 24.1 36.1

87 13.3 9.8 14.8





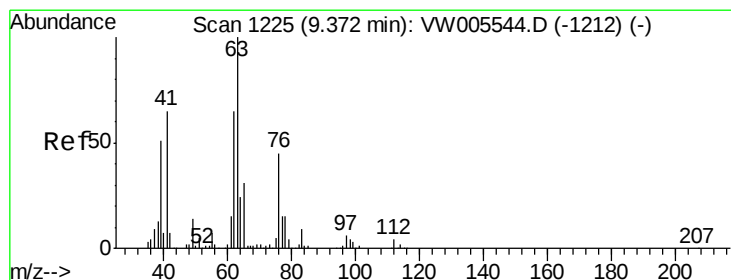
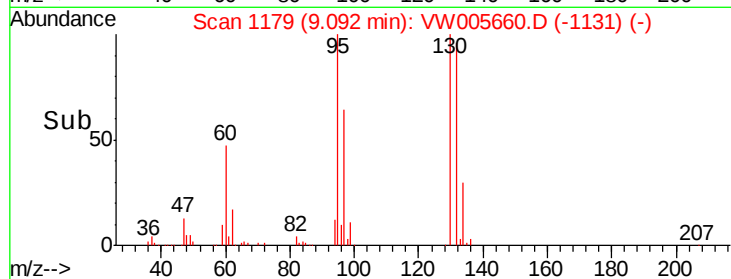
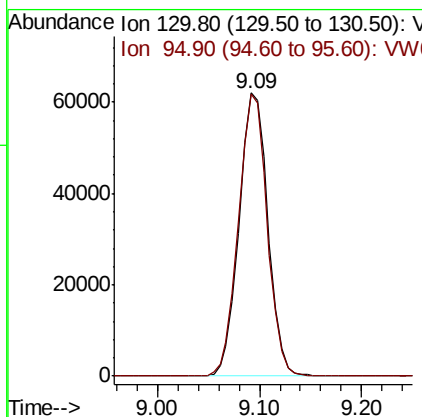
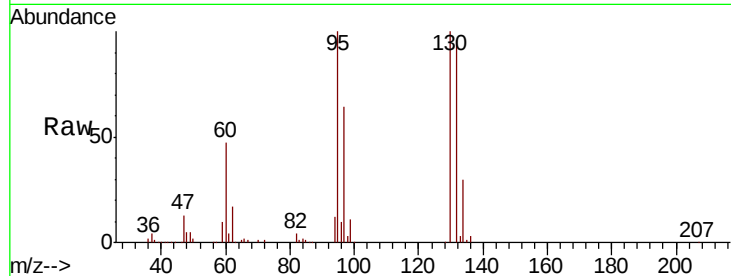
#44
 Trichloroethene
 Concen: 55.912 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

Tot Ion	Ratio	Resp	Lower	Upper
130	100	121453		
95	99.9	0.0	191.2	

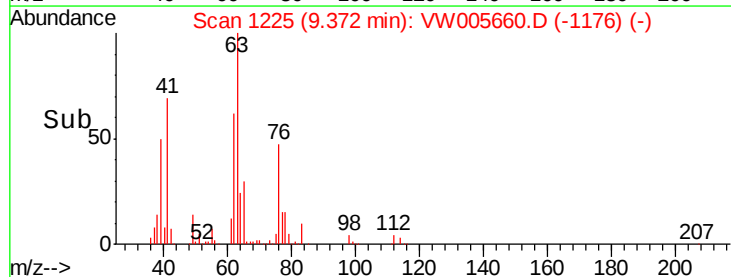
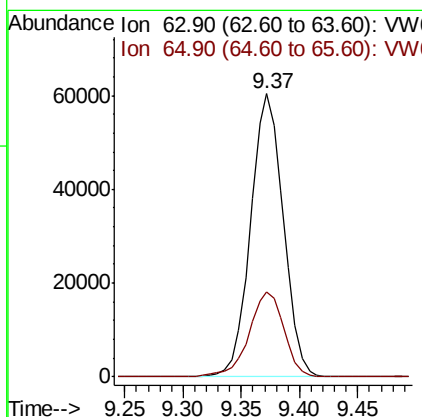
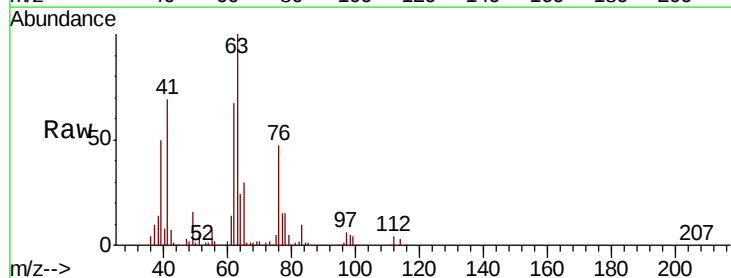
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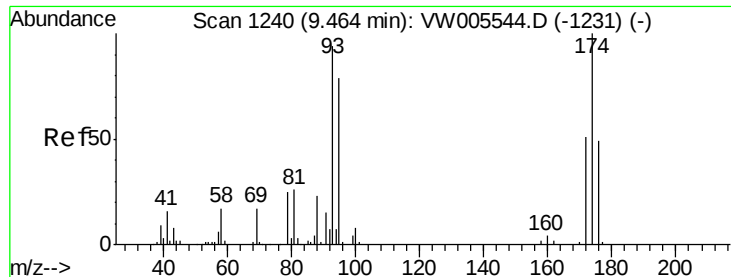
apatel
 9/27/2018 10:33:47 AM



#45
 1,2-Dichloropropane
 Concen: 56.616 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	118203		
65	30.0	24.7	37.1	





#46

Dibromomethane

Concen: 64.096 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

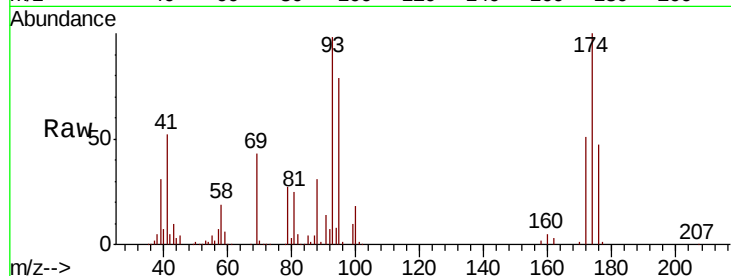
ClientSampled :

EP1-Q1-G3

Tot Ion:	93	Resp:	66863
Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.8	98.8
174	108.0	84.0	126.0

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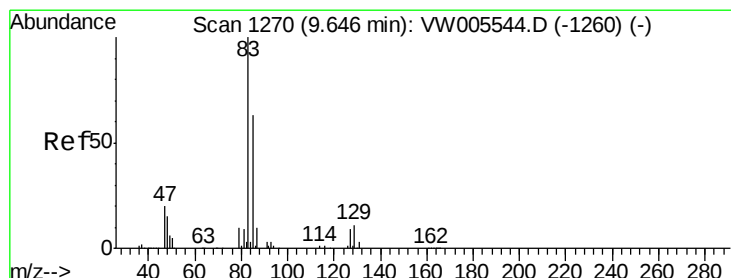
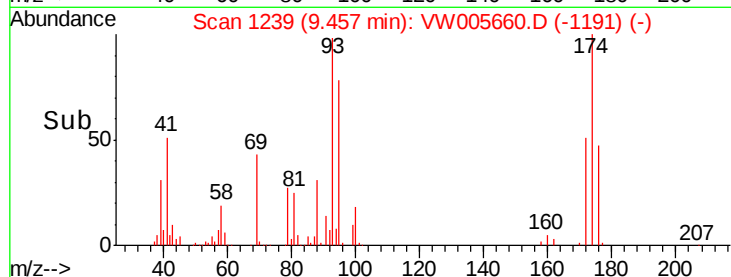
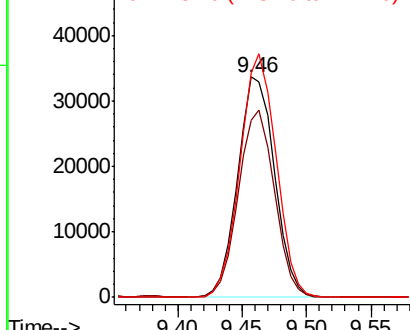


Abundance

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: 60.207 ug/l

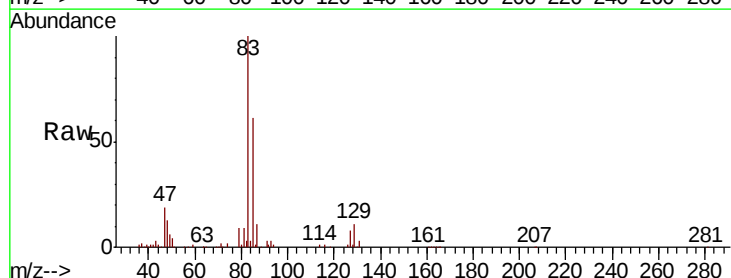
RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Tgt Ion:	83	Resp:	168715
Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.5	75.7
127	8.3	7.0	10.6

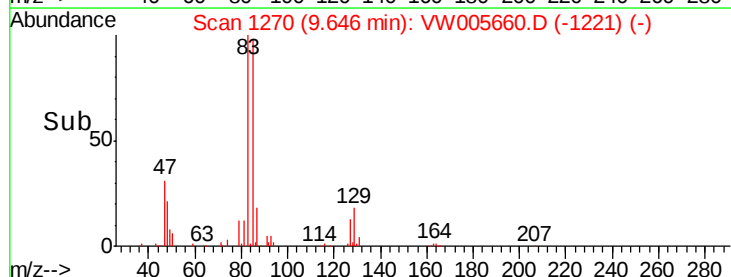
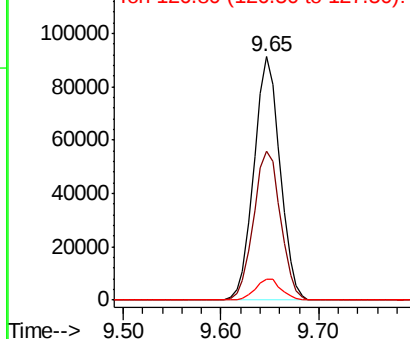


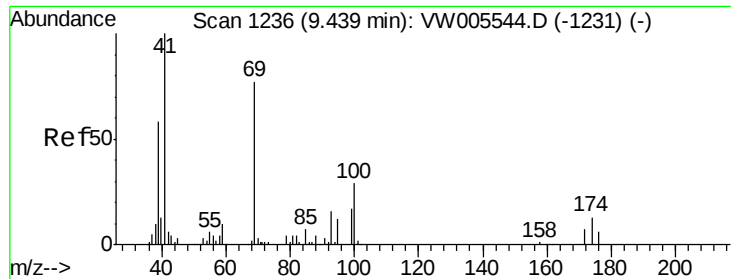
Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V





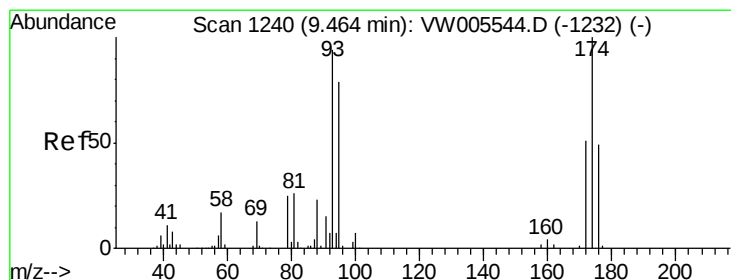
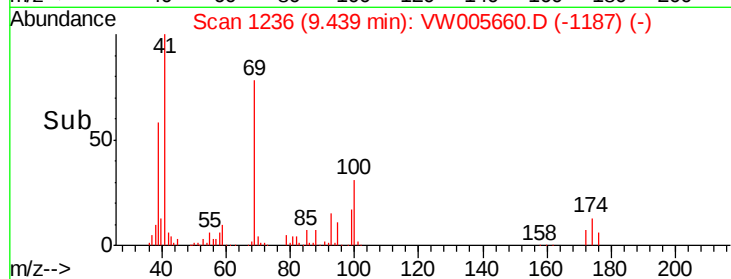
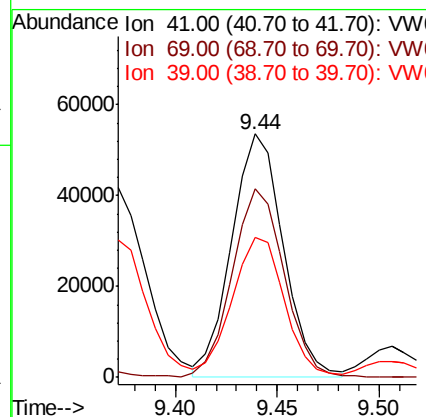
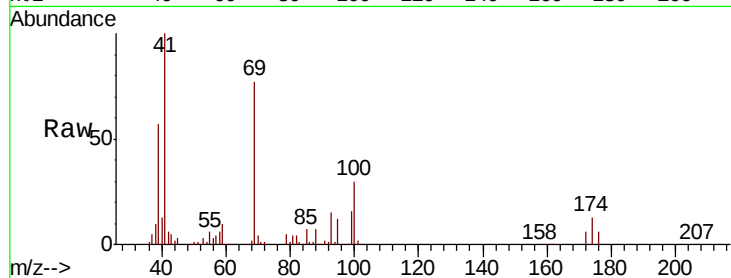
#48
Methvl methacrylate
Concen: 79.848 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion	Ratio	Lower	Upper
41	100		
69	78.1	64.7	97.1
39	58.5	50.5	75.7

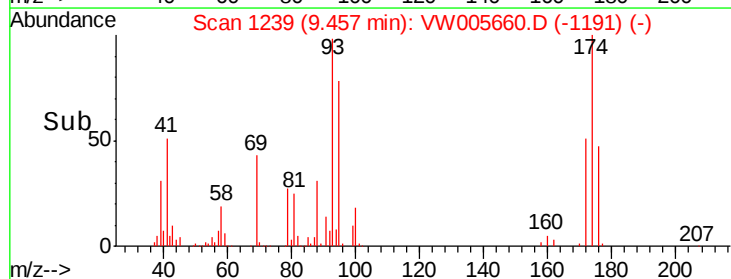
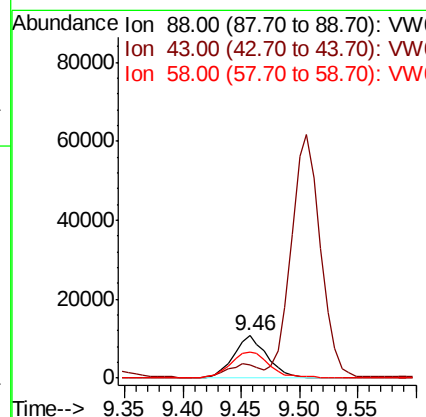
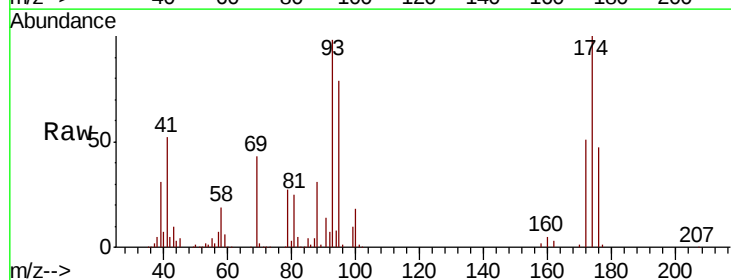
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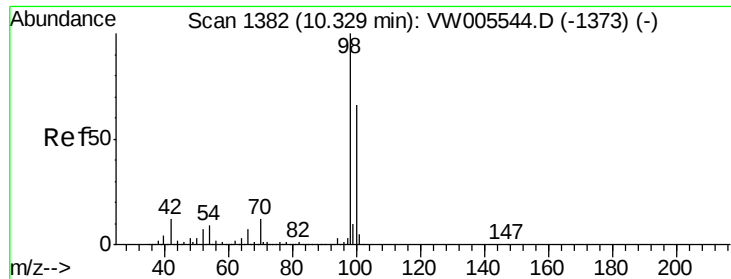
apatel
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#49
1,4-Dioxane
Concen: 1288.021 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.9	0.0	0.0#
58	74.4	61.2	91.8





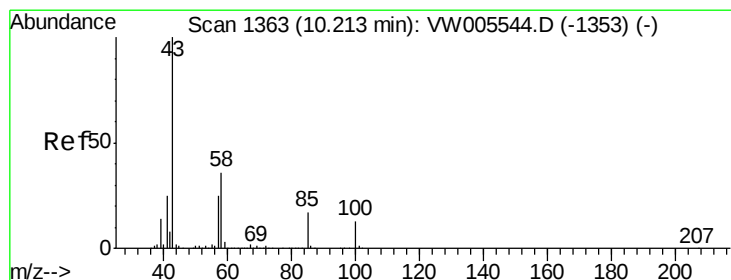
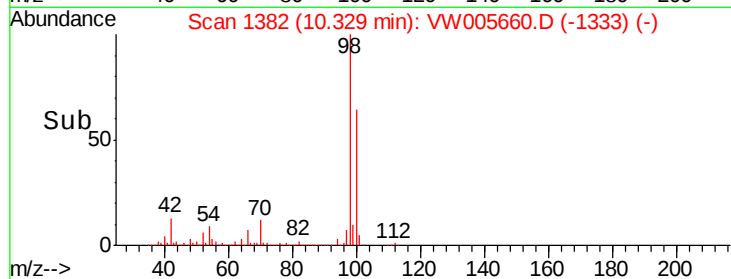
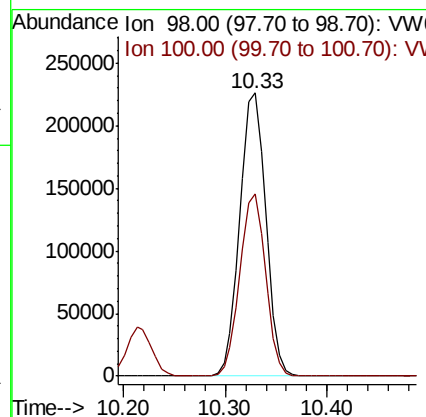
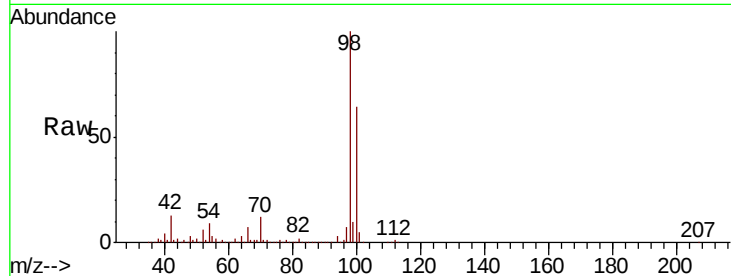
#50
Toluene-d8
Concen: 52.626 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion: 98 Resp: 400935
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

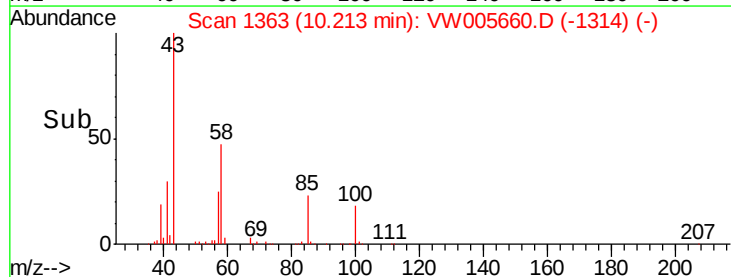
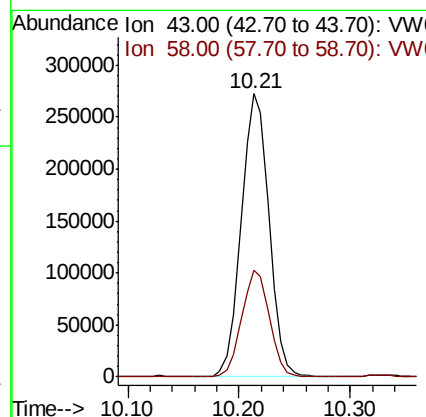
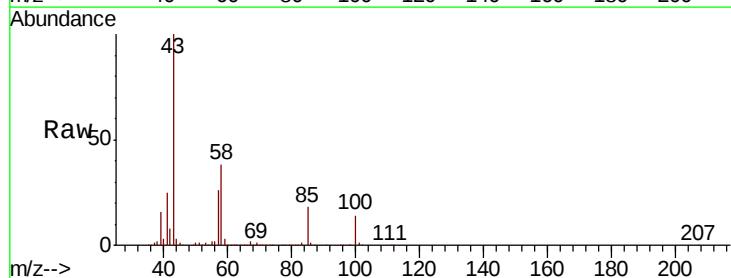
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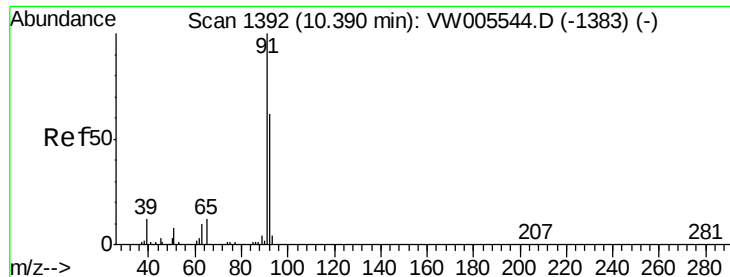
apatel
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#51
4-Methyl-2-Pentanone
Concen: 374.288 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion: 43 Resp: 467165
Ion Ratio Lower Upper
43 100
58 37.7 30.0 45.0





#52

Toluene

Concen: 54.113 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampled :

EP1-Q1-G3

Tot Ion: 92 Resp: 286537

Ion Ratio Lower Upper

92 100

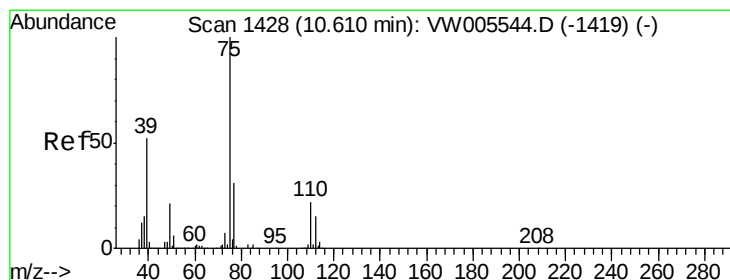
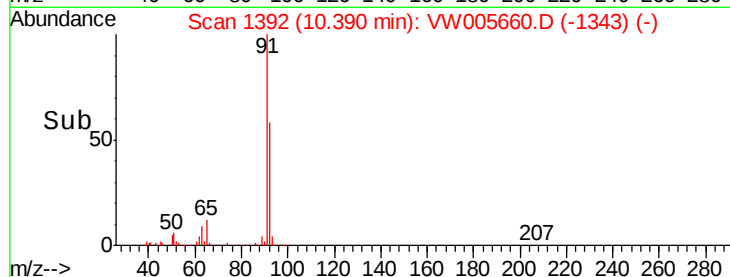
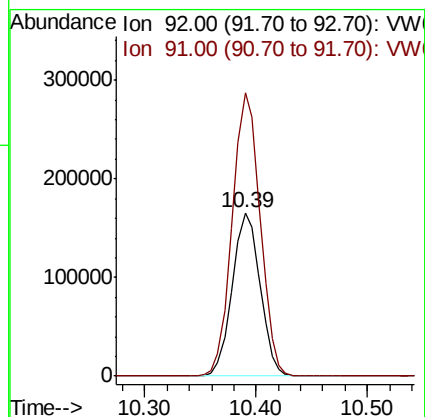
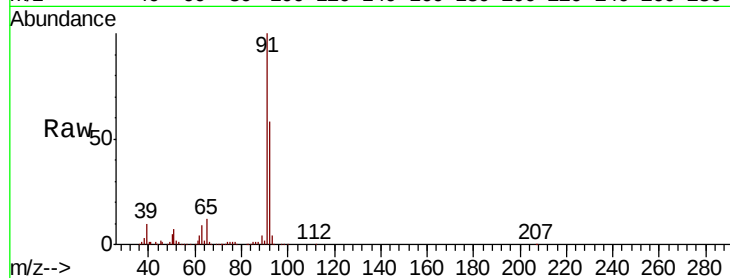
91 173.2 137.1 205.7

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#53

t-1,3-Dichloropropene

Concen: 63.606 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005660.D

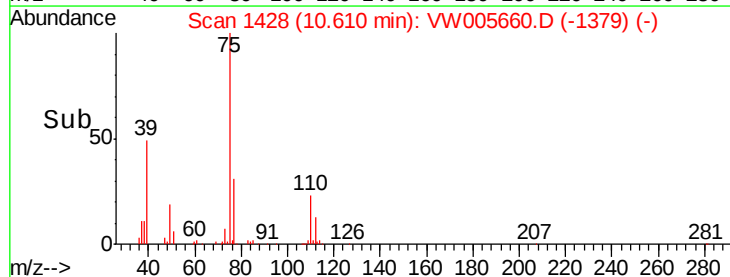
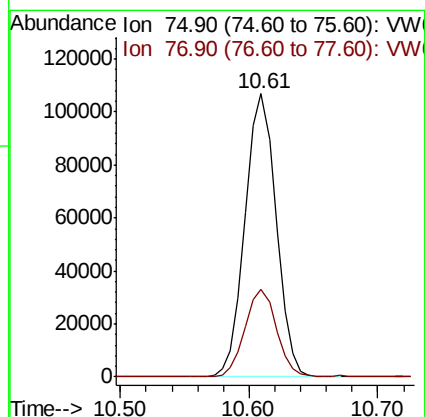
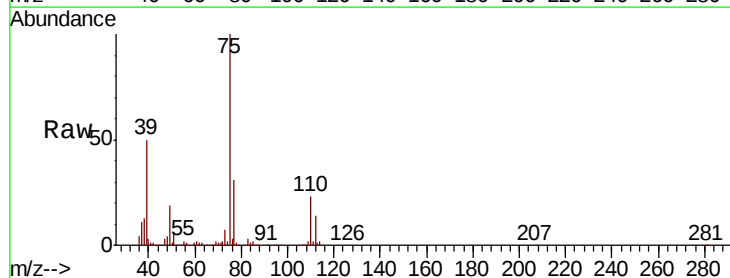
Acq: 26 Sep 2018 18:33

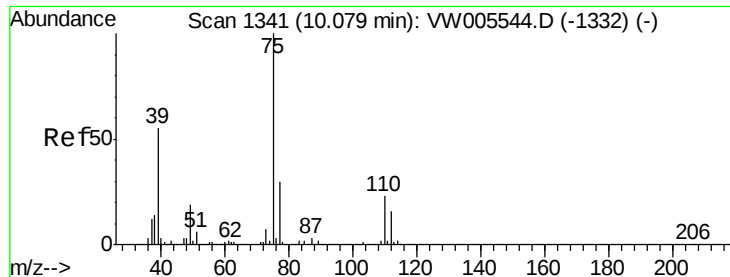
Tgt Ion: 75 Resp: 178685

Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0





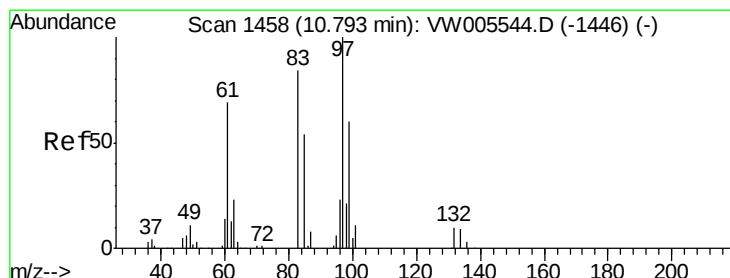
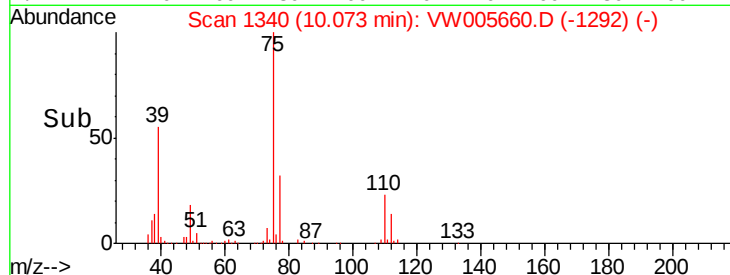
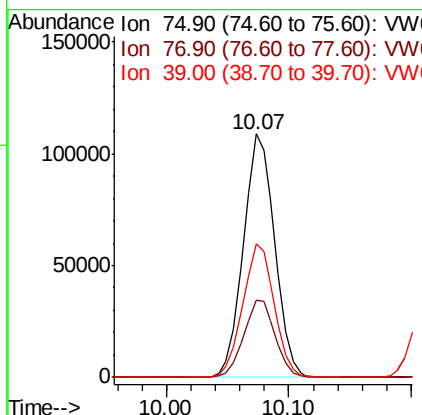
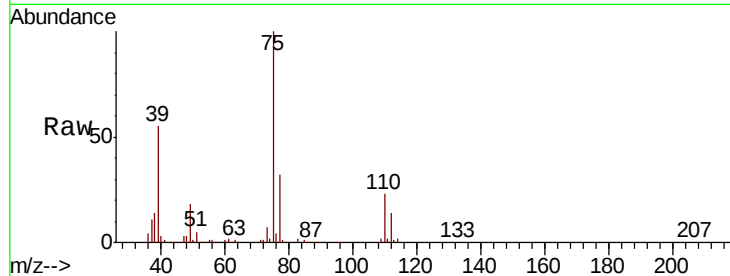
#54
 cis-1,3-Dichloropropene
 Concen: 61.335 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Instrument :
 MSVOA_W
 ClientSampled :
 EP1-Q1-G3

Tot Ion	Ratio	Resp	Lower	Upper
75	100	193053		
77	31.6	24.3	36.5	
39	54.5	43.7	65.5	

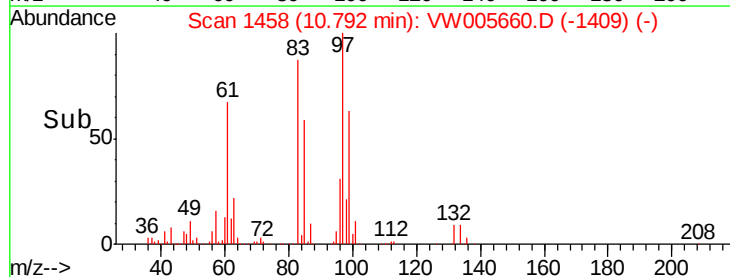
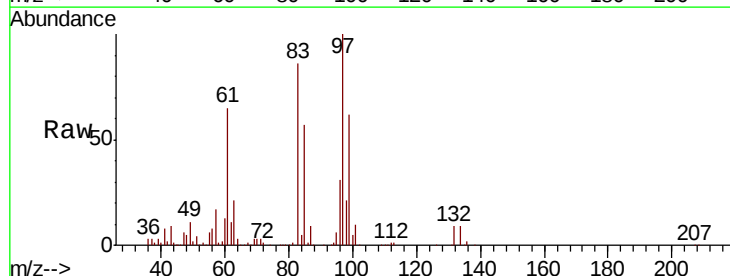
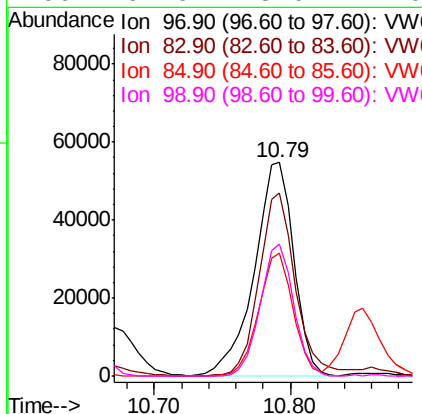
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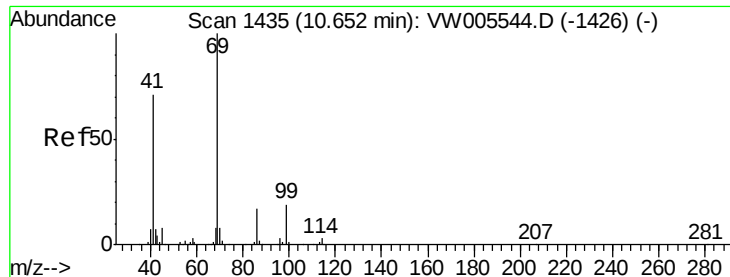
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#55
 1,1,2-Trichloroethane
 Concen: 75.107 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	111215		
83	86.0	67.4	101.2	
85	57.4	43.3	64.9	
99	61.6	48.0	72.0	





#56

Ethyl methacrylate

Concen: 77.648 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

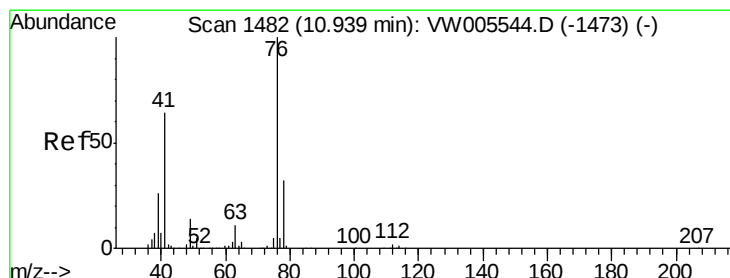
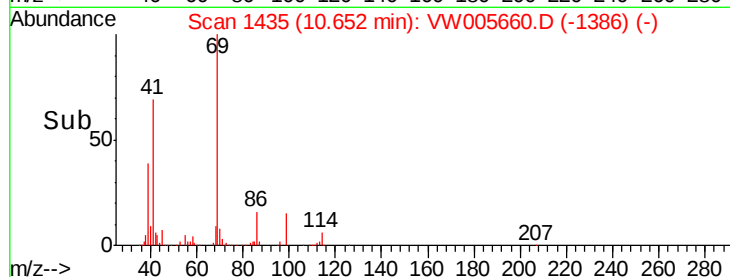
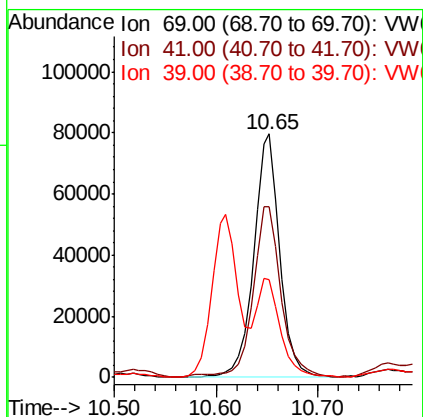
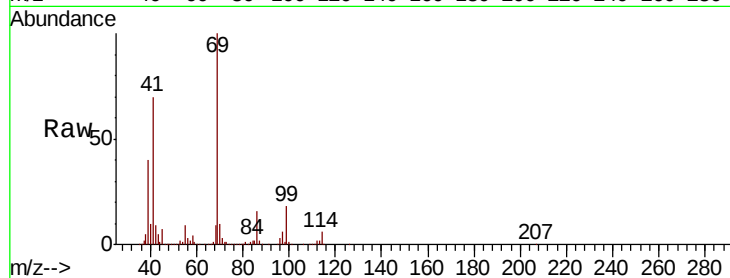
ClientSampled :

EP1-Q1-G3

Tot Ion:	69	Resp:	141935
Ion	Ratio	Lower	Upper
69	100		
41	74.9	57.3	85.9
39	35.7	29.2	43.8

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#57

1,3-Dichloropropane

Concen: 63.598 ug/l

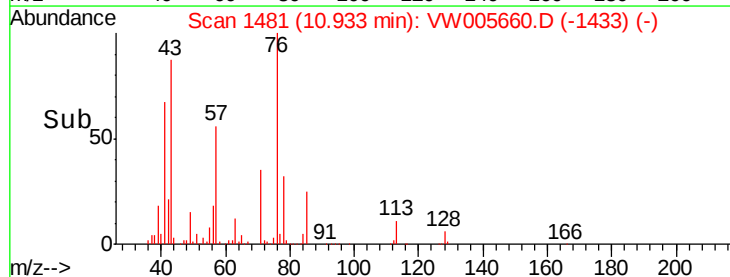
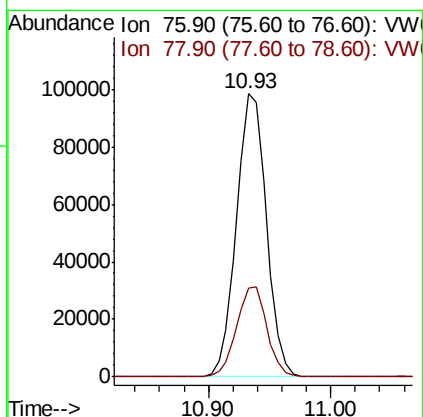
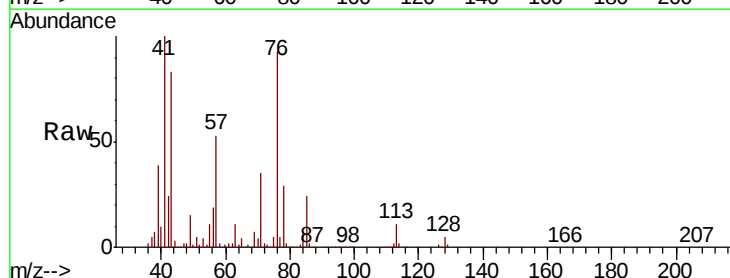
RT: 10.93 min Scan# 1481

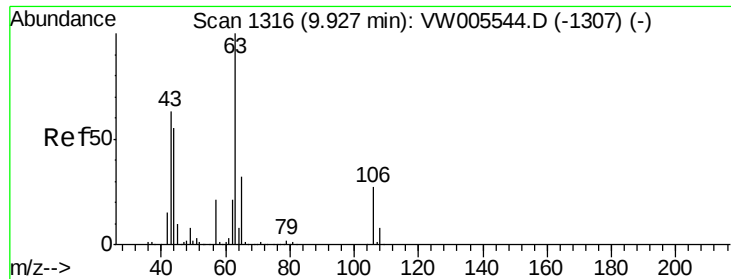
Delta R.T. -0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Tgt Ion:	76	Resp:	166905
Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.6	38.4





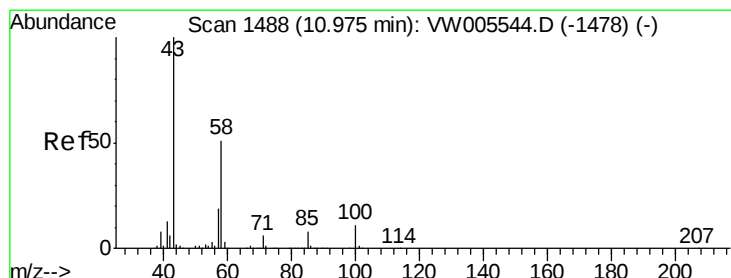
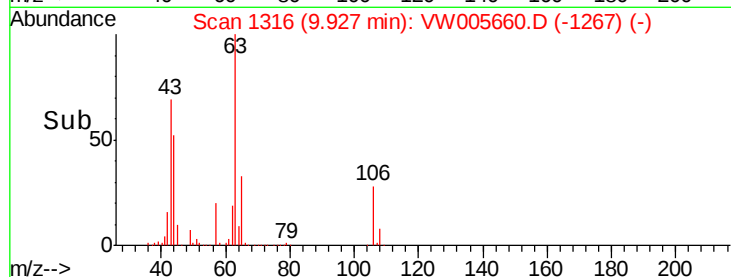
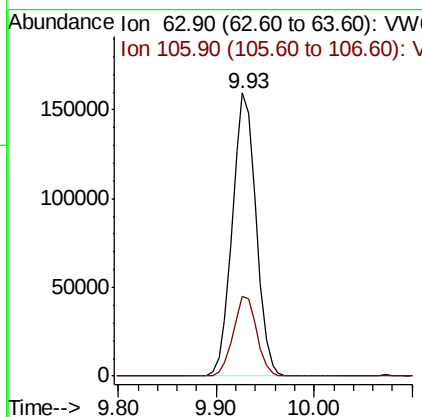
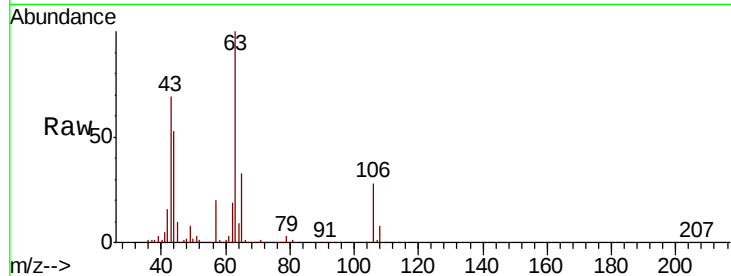
#58
2-Chloroethyl Vinyl ether
Concen: 323.580 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion: 63 Resp: 268123
Ion Ratio Lower Upper
63 100
106 28.0 21.6 32.4

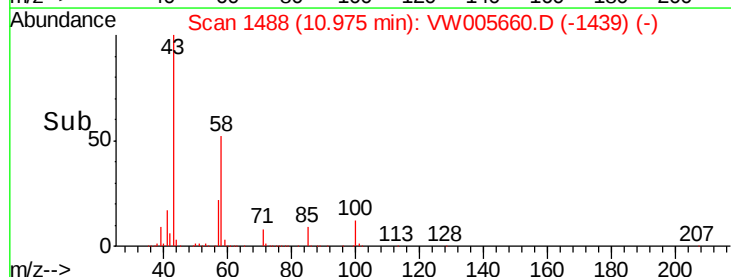
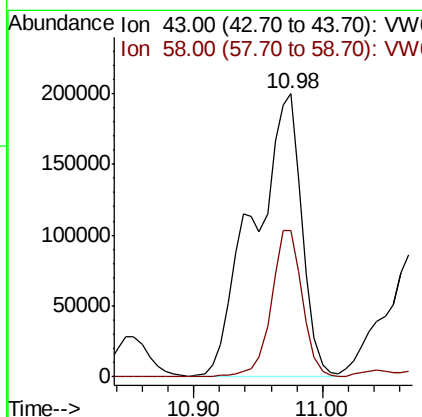
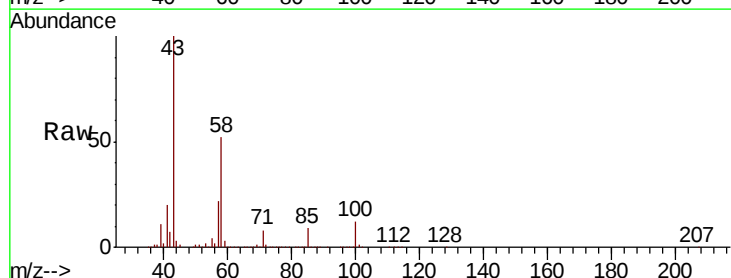
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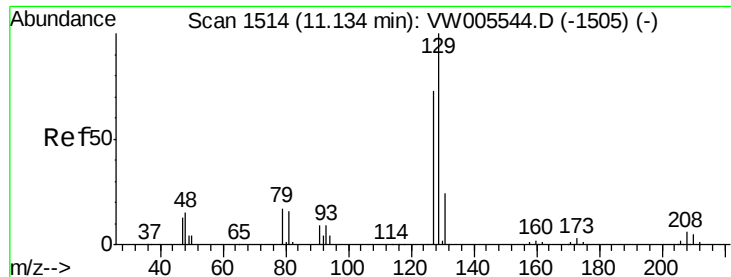
apatel
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#59
2-Hexanone
Concen: 613.530 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion: 43 Resp: 520210
Ion Ratio Lower Upper
43 100
58 33.5 25.3 75.9





#60

Dibromochloromethane

Concen: 63.377 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampled :

EP1-Q1-G3

Tot Ion:129 Resp: 113390

Ion Ratio Lower Upper

129 100

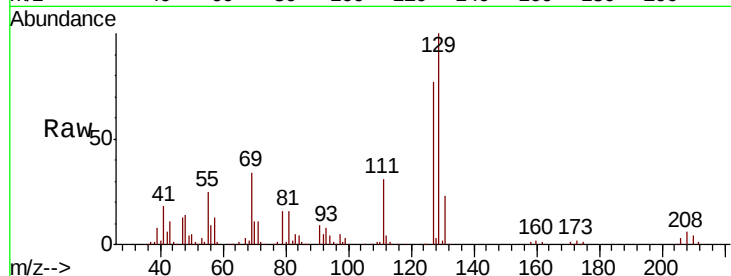
127 79.5 38.5 115.5

Manual Integrations

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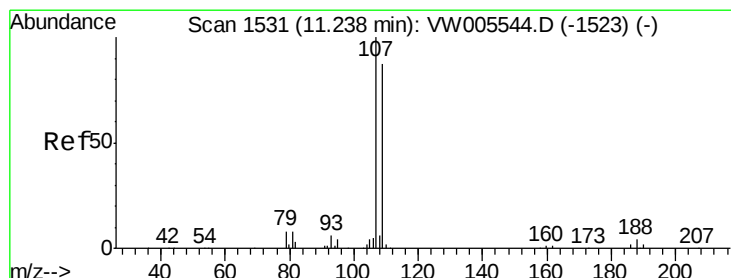
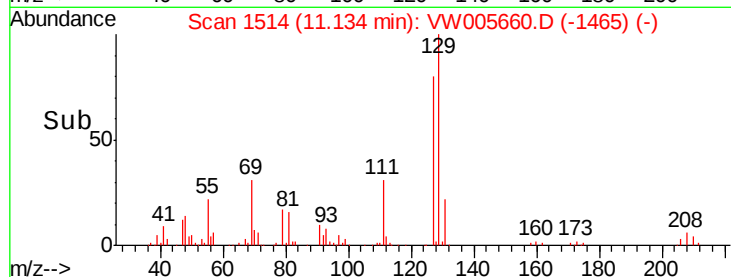
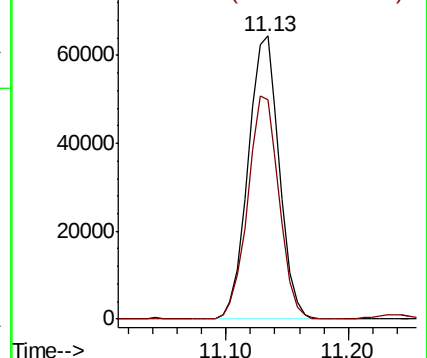
apatel

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 66.223 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005660.D

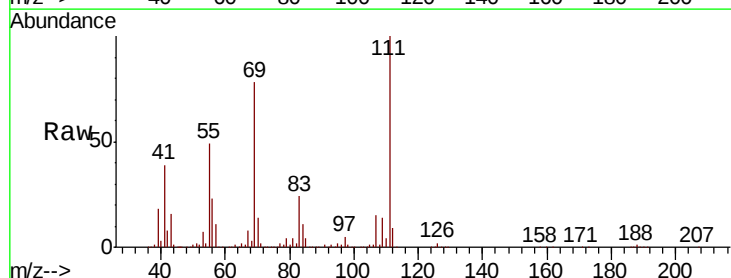
Acq: 26 Sep 2018 18:33

Tgt Ion:107 Resp: 91428

Ion Ratio Lower Upper

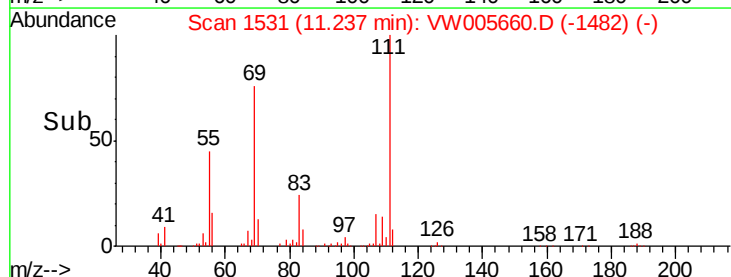
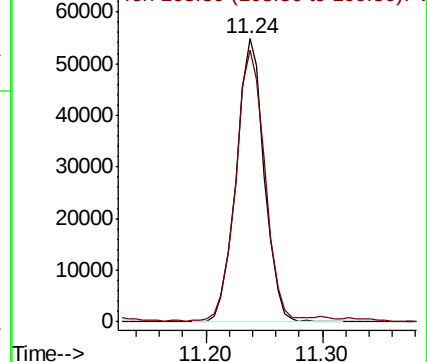
107 100

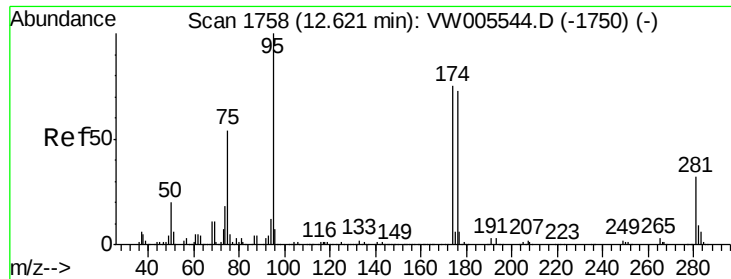
109 99.8 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





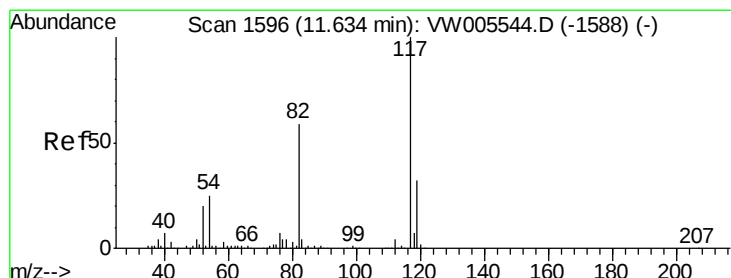
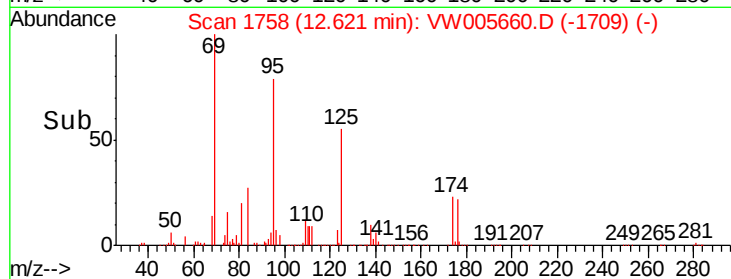
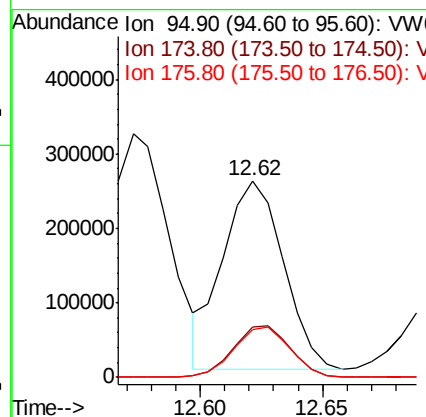
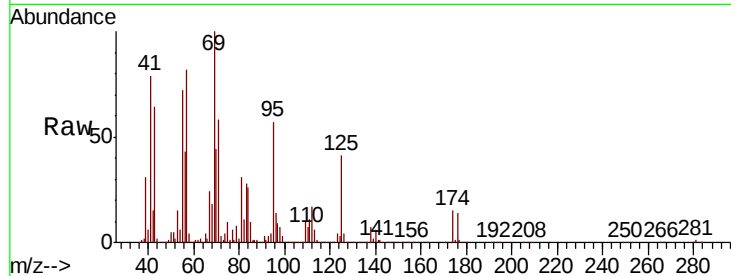
#62
4-Bromofluorobenzene
Concen: 155.689 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	438900		
174	25.8	0.0	163.8	
176	24.9	0.0	158.0	

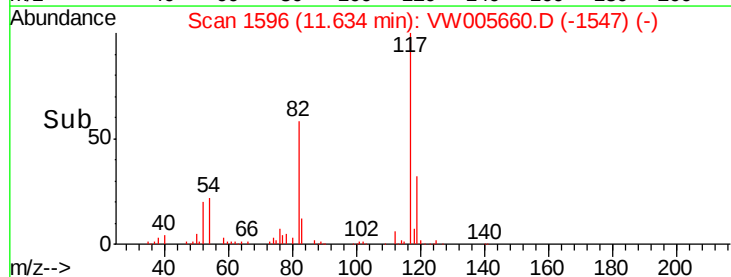
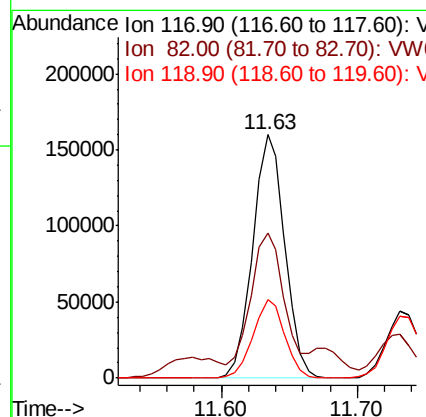
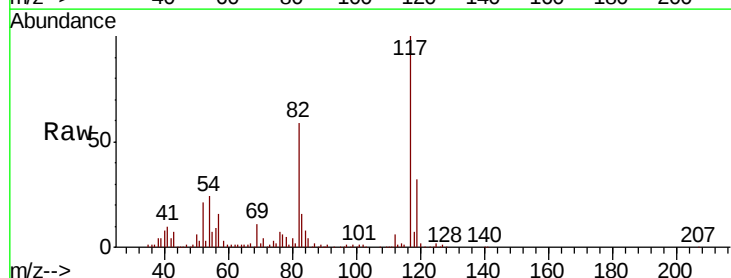
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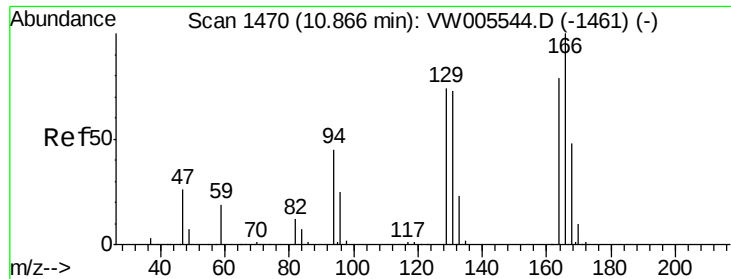
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	264538		
82	52.3	46.9	70.3	
119	32.4	25.7	38.5	





#64

Tetrachloroethene

Concen: 45.308 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampled :

EP1-Q1-G3

Tot Ion:164 Resp: 85067

Ion Ratio Lower Upper

164 100

166 139.0 101.1 151.7

129 100.4 74.4 111.6

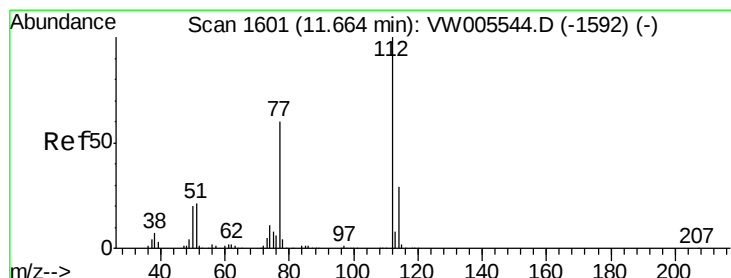
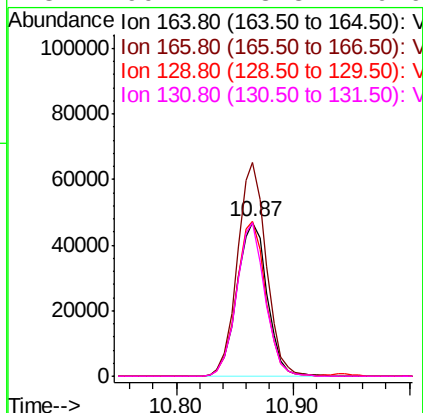
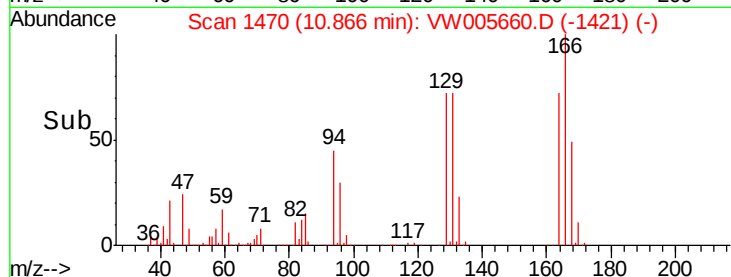
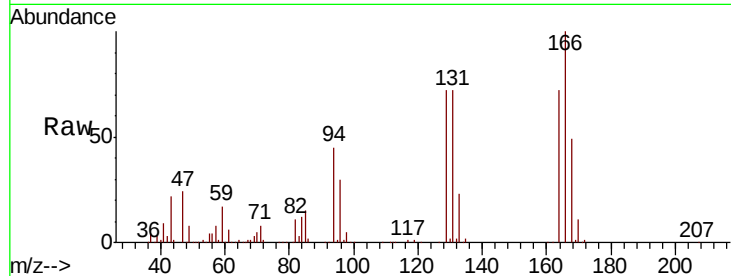
131 99.7 73.8 110.6

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#65

Chlorobenzene

Concen: 54.889 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW005660.D

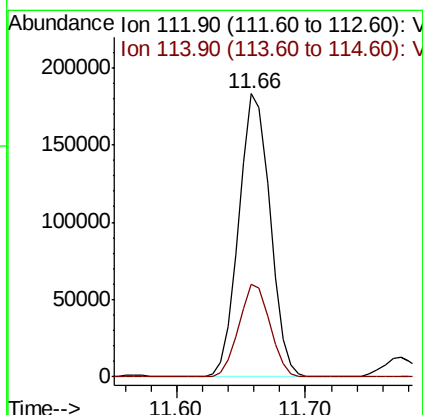
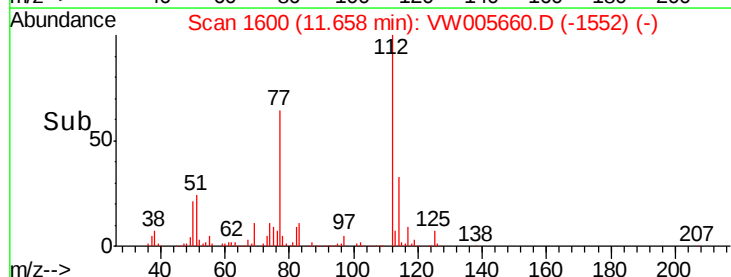
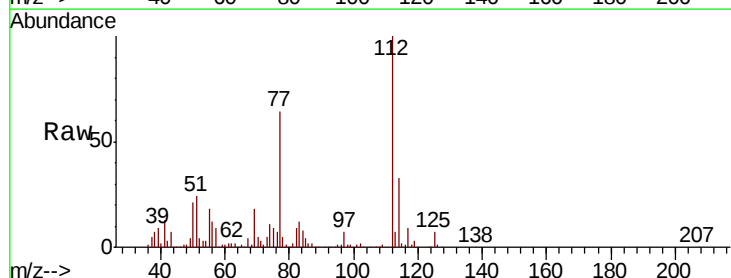
Acq: 26 Sep 2018 18:33

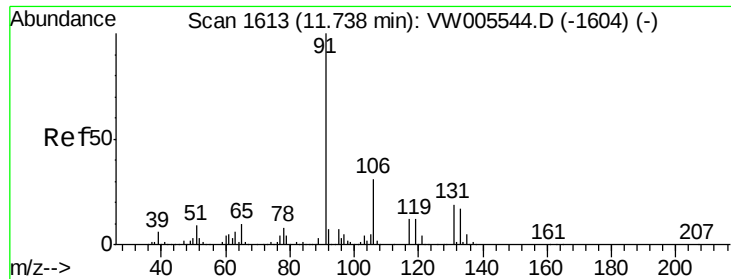
Tgt Ion:112 Resp: 308247

Ion Ratio Lower Upper

112 100

114 32.9 22.9 34.3





#66

1,1,1,2-Tetrachloroethane

Concen: 58.034 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

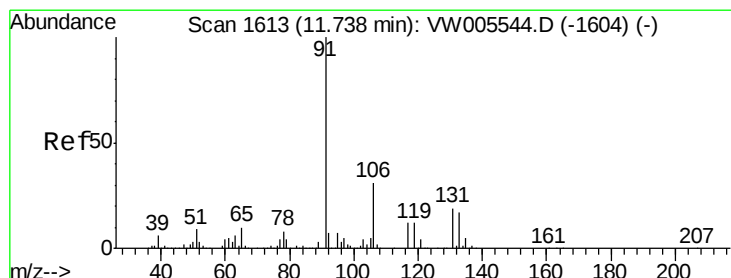
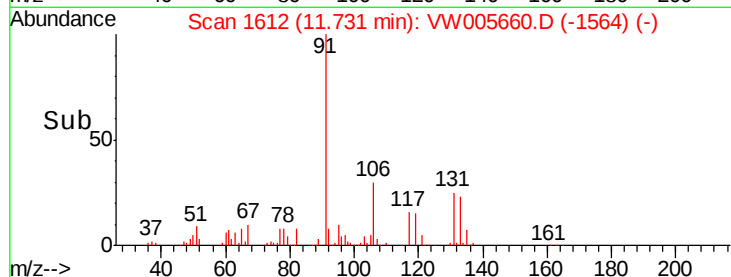
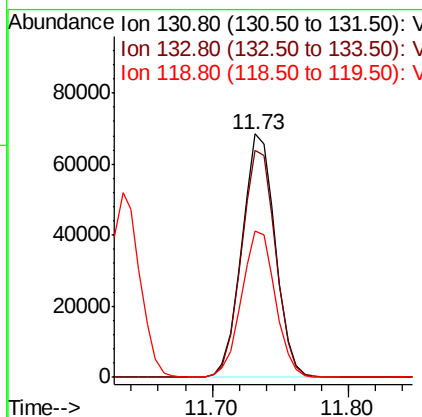
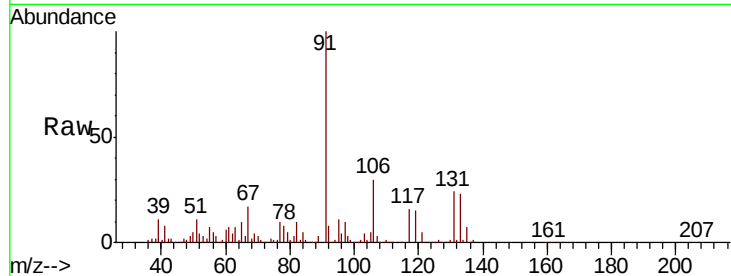
ClientSampled :

EP1-Q1-G3

Tot Ion:	131	Resp:	117297
Ion Ratio	Lower	Upper	
131	100		
133	95.6	47.2	141.6
119	60.8	31.1	93.2

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#67

Ethyl Benzene

Concen: 47.401 ug/l

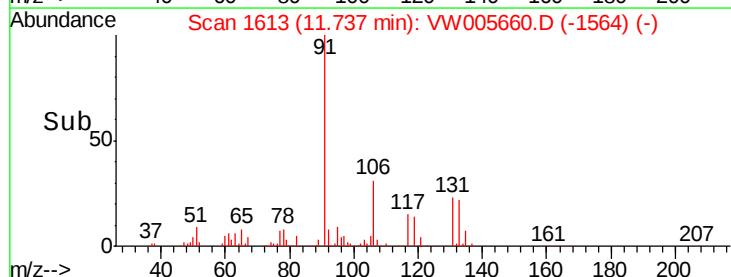
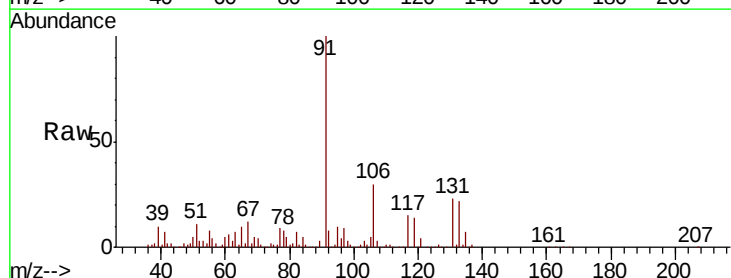
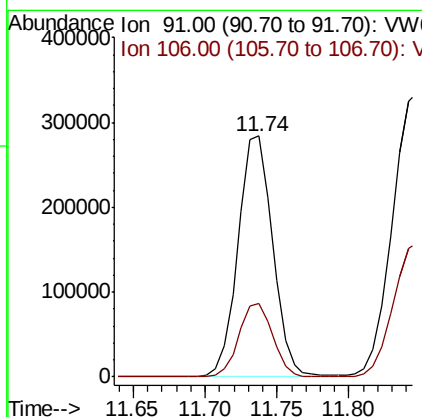
RT: 11.74 min Scan# 1613

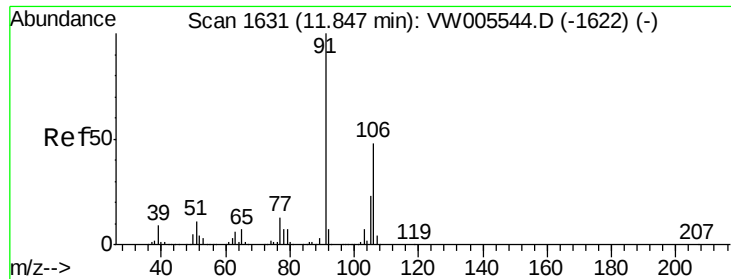
Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Tgt Ion:	91	Resp:	472495
Ion Ratio	Lower	Upper	
91	100		
106	30.3	24.4	36.6





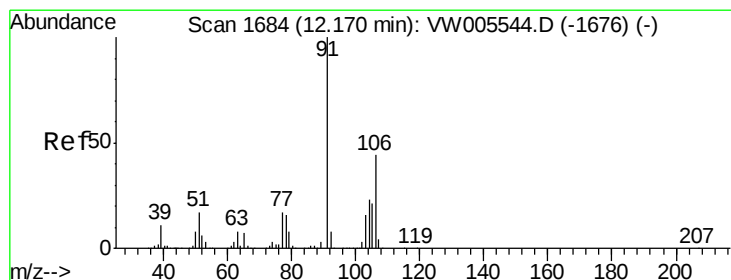
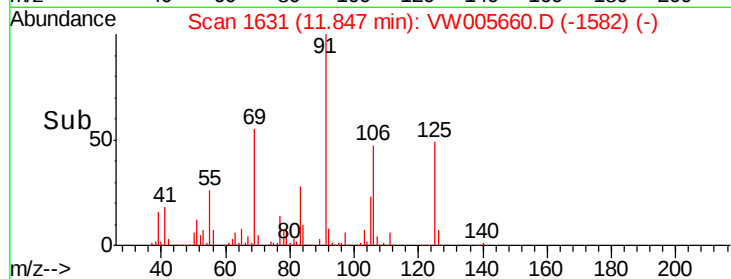
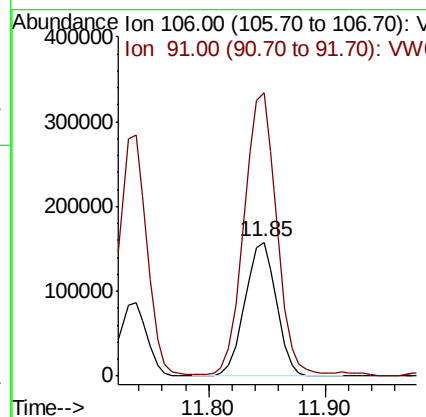
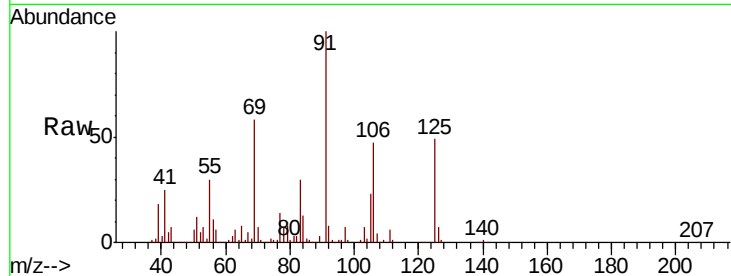
#68
m/p-Xylenes
Concen: 78.975 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		297419		
91	217.6	167.8	251.8		

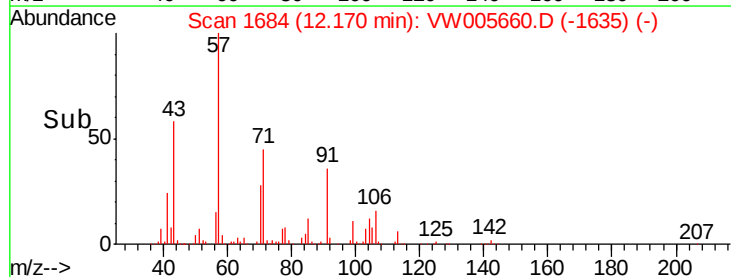
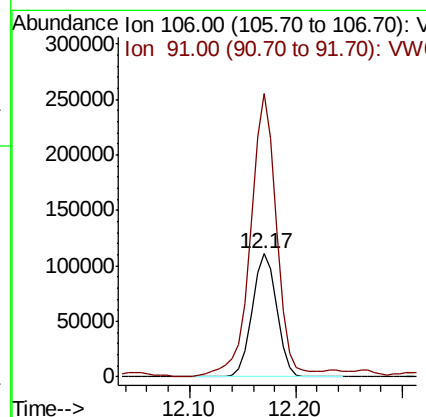
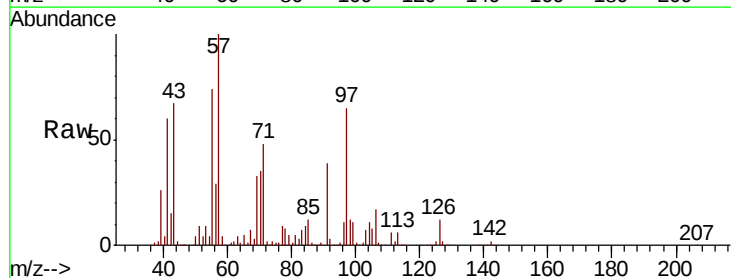
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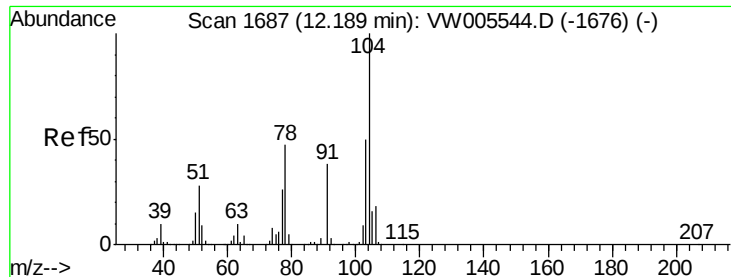
apatel
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#69
o-Xylene
Concen: 50.779 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		179096		
91	242.5	111.0	333.0		





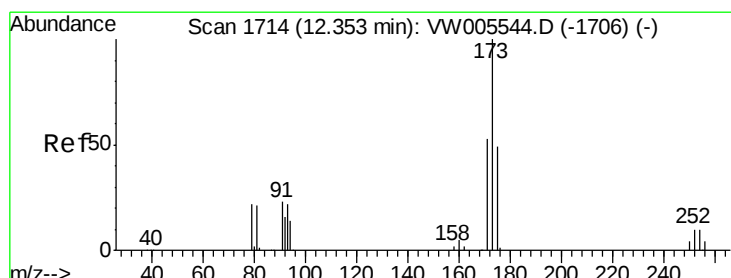
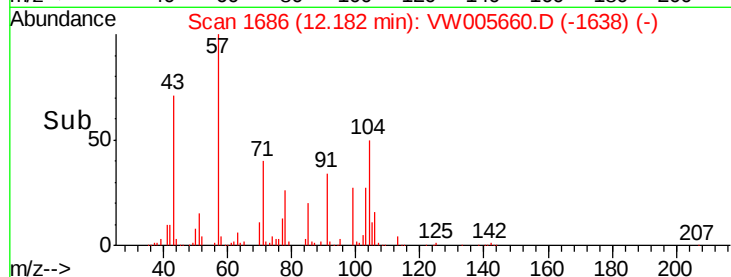
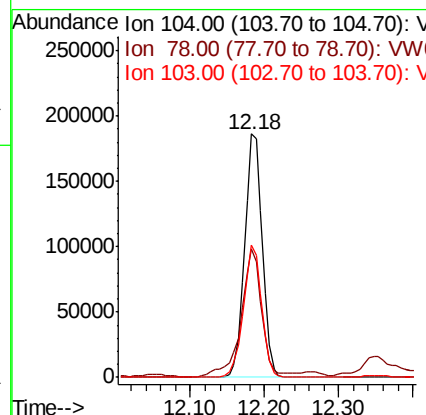
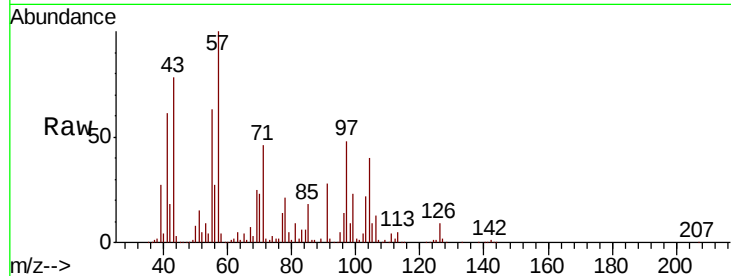
#70
Stvrene
Concen: 52.175 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-G3

Tot Ion	Ratio	Resp	Lower	Upper
104	100	309690		
78	60.7	42.2	63.4	
103	56.6	44.6	66.8	

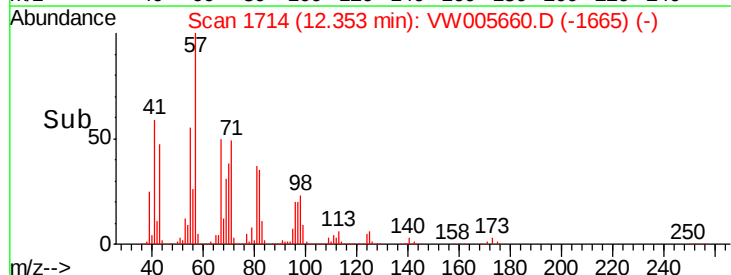
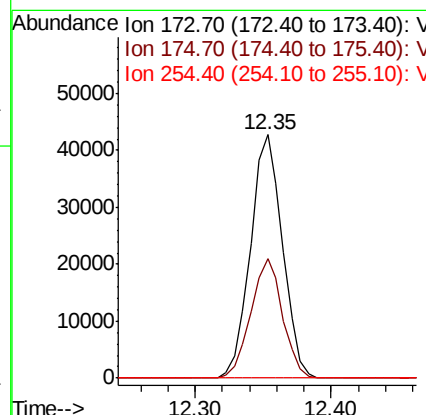
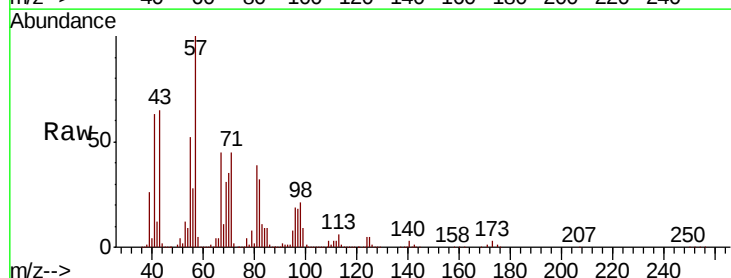
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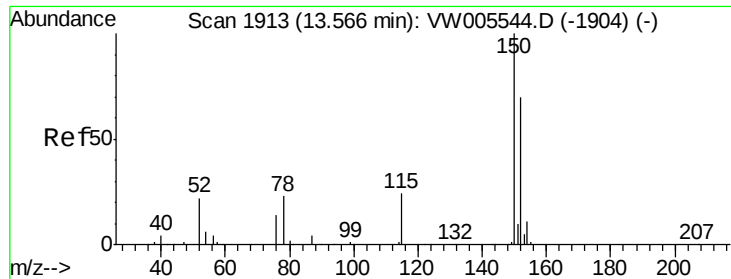
apatel
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#71
Bromoform
Concen: 65.700 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	70487		
175	48.9	24.3	72.9	
254	0.0	0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

Tot Ion:152 Resp: 313972

Ion Ratio Lower Upper

152 100

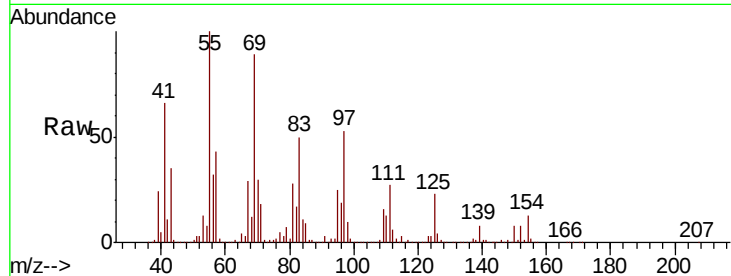
115 21.0 30.0 90.0#

150 59.5 0.0 348.6

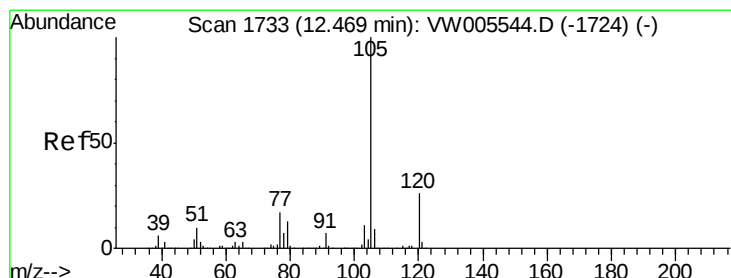
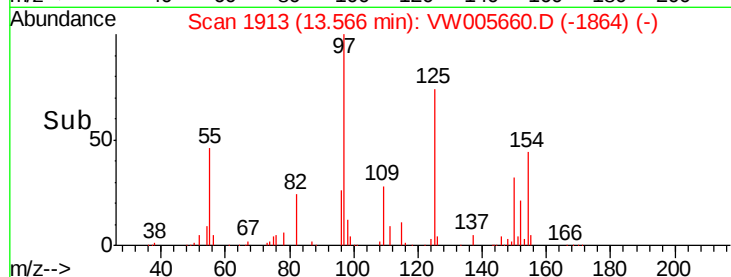
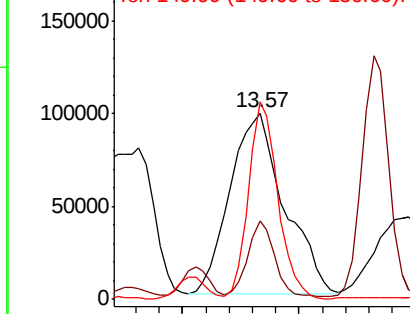
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 14.993 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005660.D

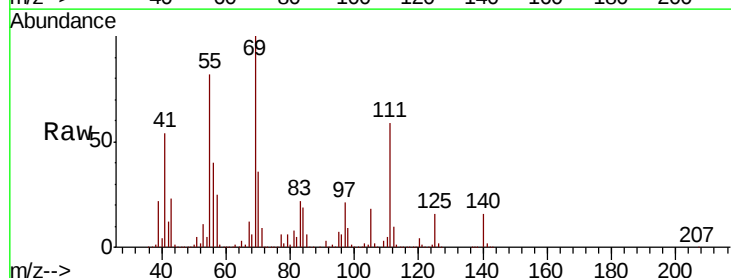
Acq: 26 Sep 2018 18:33

Tgt Ion:105 Resp: 326449

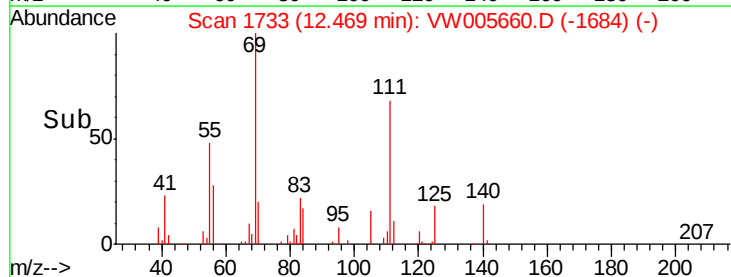
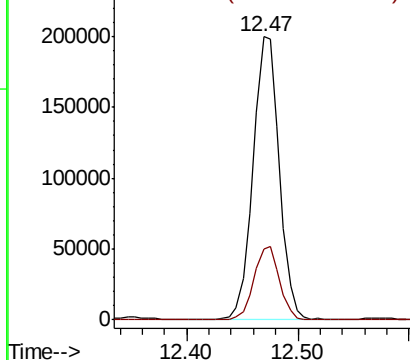
Ion Ratio Lower Upper

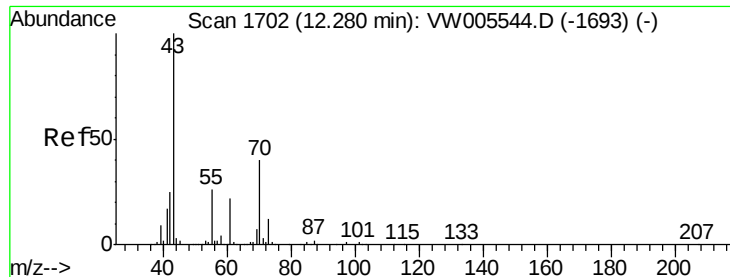
105 100

120 25.3 12.9 38.7



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





#74

N-amvl acetate

Concen: 1015.467 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

Tot Ion: 43 Resp: 5006541

Ion Ratio Lower Upper

43 100

70 15.5 31.4 47.0#

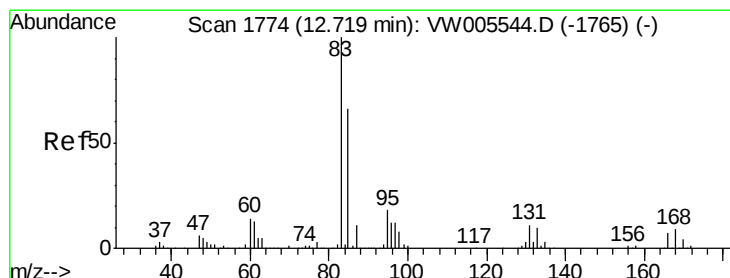
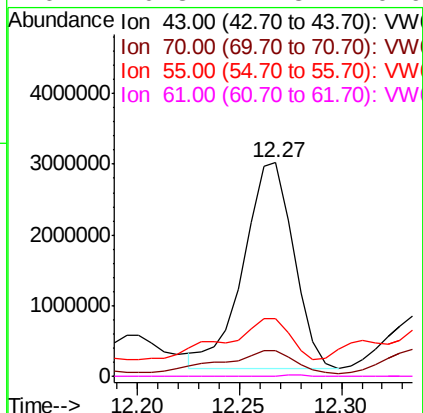
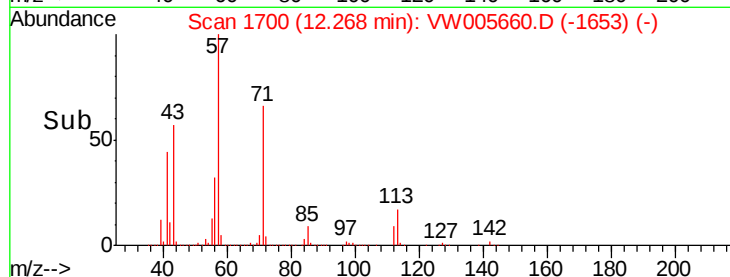
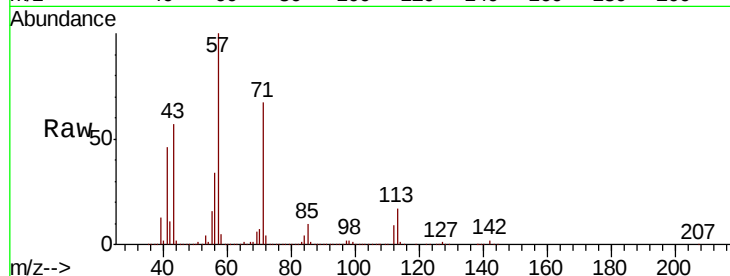
55 24.1 20.9 31.3

61 0.3 17.8 26.6#

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#75

1,1,2,2-Tetrachloroethane

Concen: 175.629 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

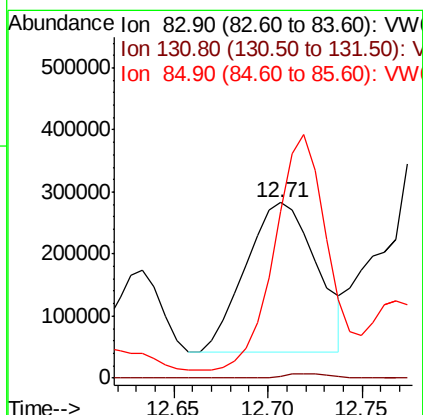
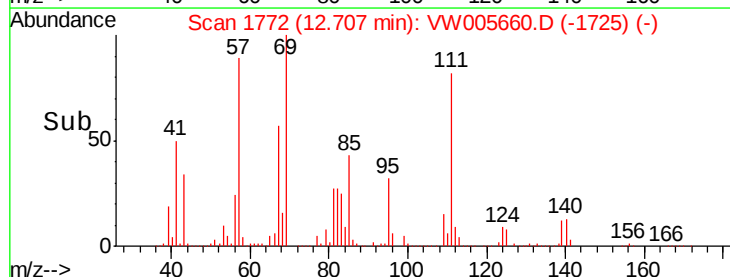
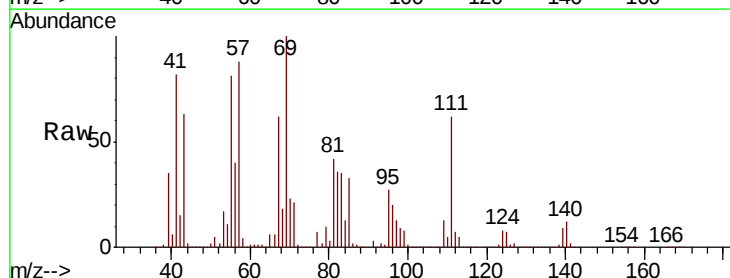
Tgt Ion: 83 Resp: 635177

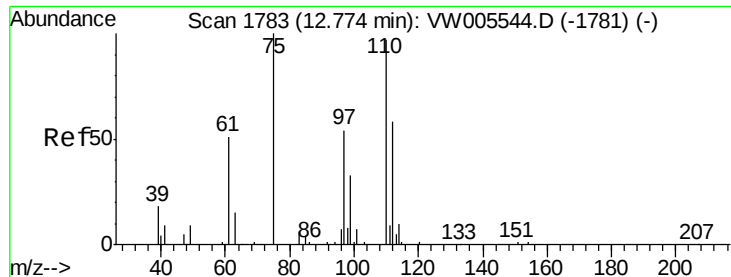
Ion Ratio Lower Upper

83 100

131 1.9 5.5 16.7#

85 116.9 32.4 97.0#





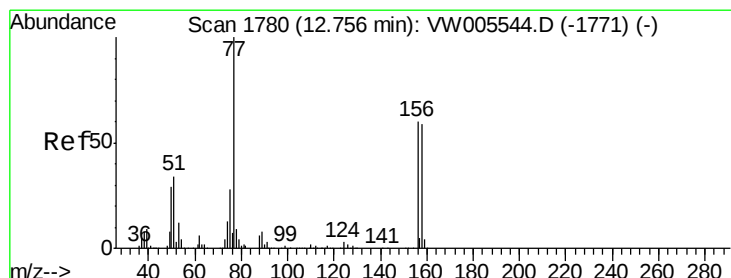
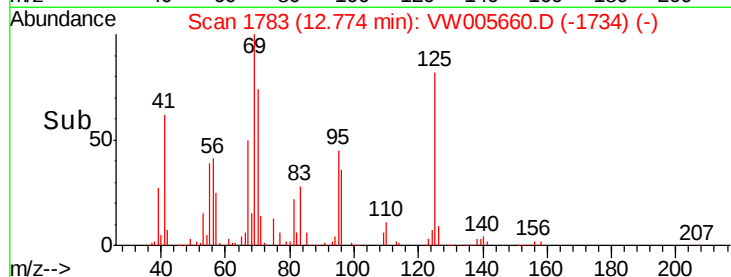
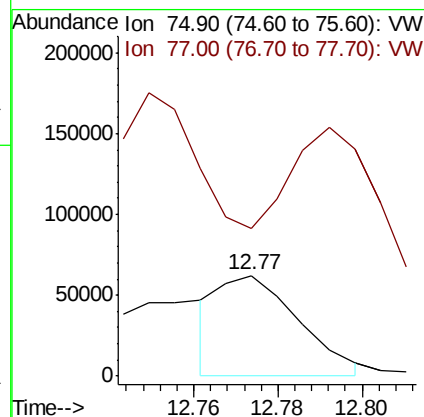
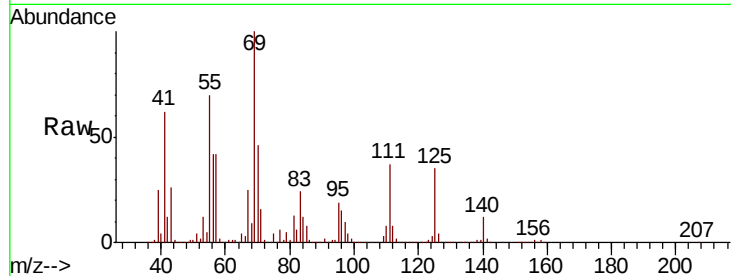
#76
 1,2,3-Trichloropropane
 Concen: 30.770 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Instrument :
 MSVOA_W
 ClientSampled :
 EP1-Q1-G3

Tot Ion: 75 Resp: 82353
 Ion Ratio Lower Upper
 75 100
 77 301.4 0.0 0.0#

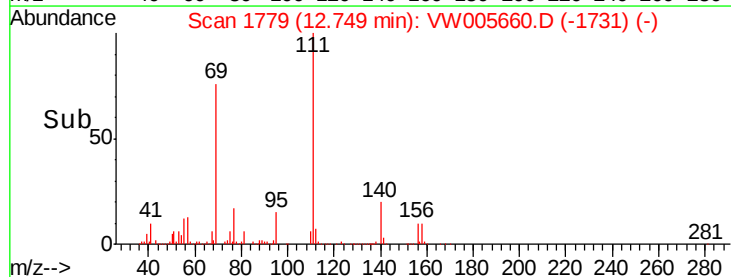
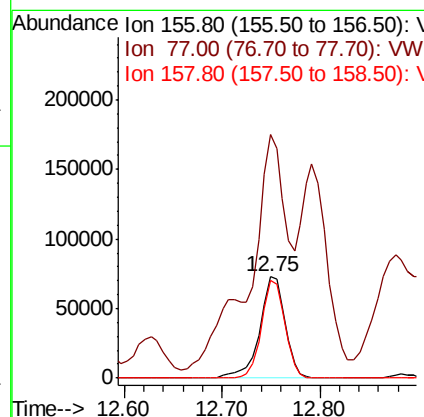
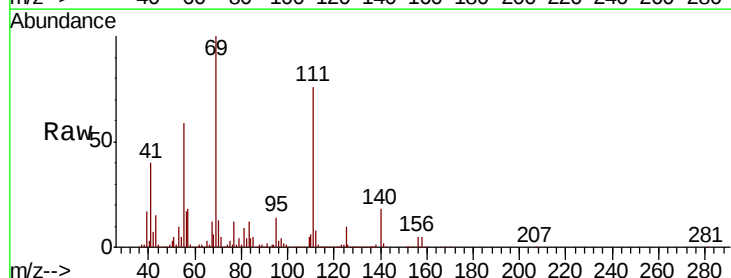
Manual Integrations
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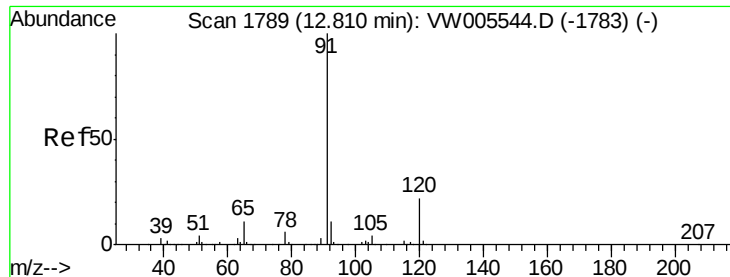
apatel
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#77
 Bromobenzene
 Concen: 25.888 ug/l
 RT: 12.75 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Tgt Ion: 156 Resp: 132113
 Ion Ratio Lower Upper
 156 100
 77 347.5 94.7 284.1#
 158 87.9 48.0 144.2





#78

n-propylbenzene

Concen: 15.511 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampled :

EP1-Q1-G3

Tot Ion: 91 Resp: 408886

Ion Ratio Lower Upper

91 100

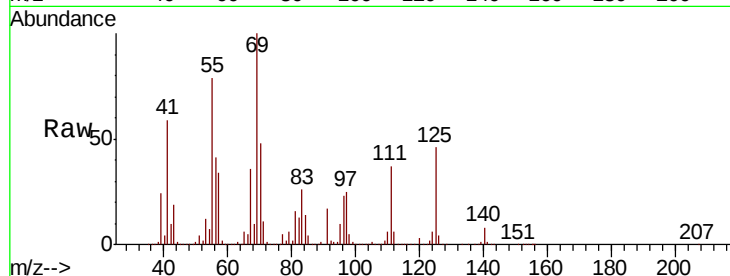
120 16.6 11.2 33.5

Manual Integrations

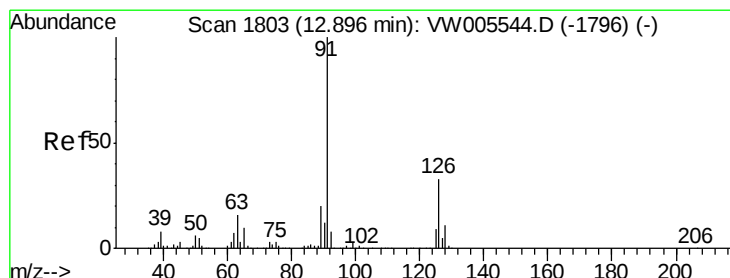
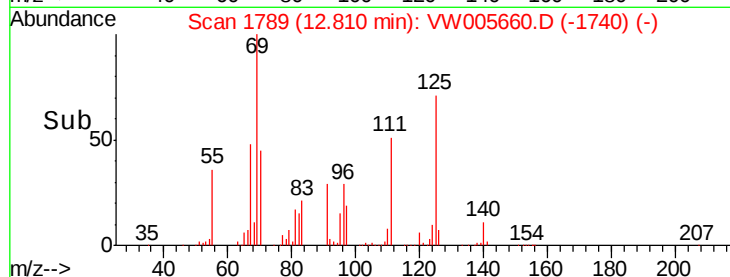
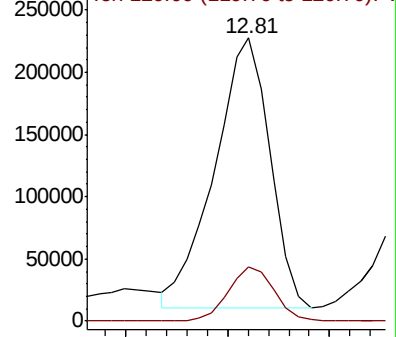
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Abundance Ion 91.00 (90.70 to 91.70): VW005544.D (-1783) (-)



#79

2-Chlorotoluene

Concen: 27.435 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005660.D

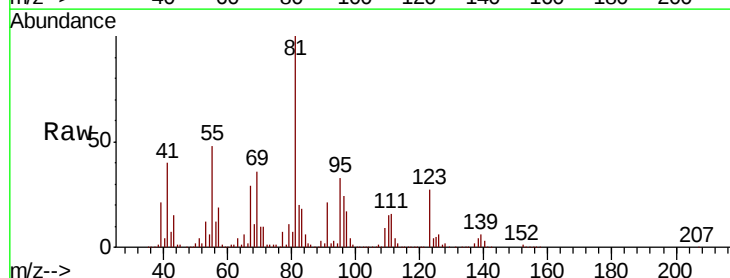
Acq: 26 Sep 2018 18:33

Tgt Ion: 91 Resp: 418411

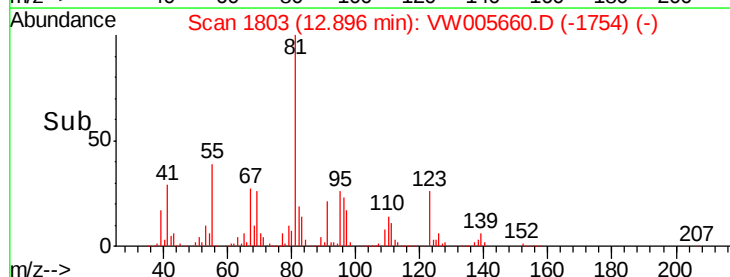
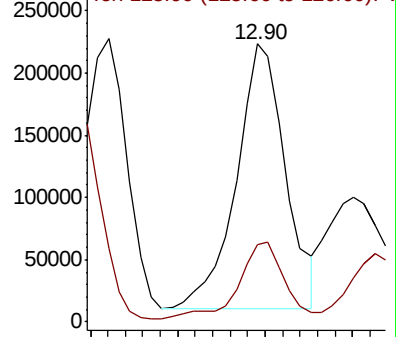
Ion Ratio Lower Upper

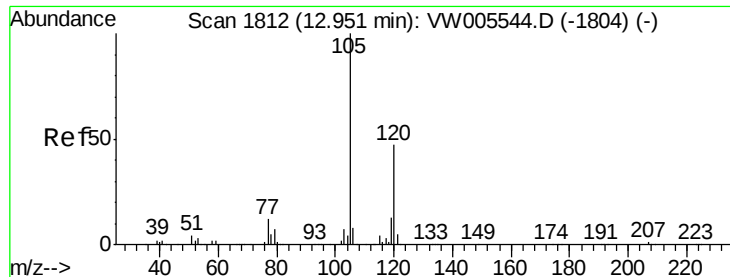
91 100

126 27.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW005544.D (-1796) (-)





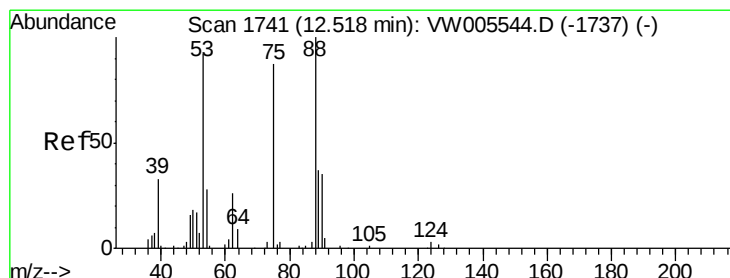
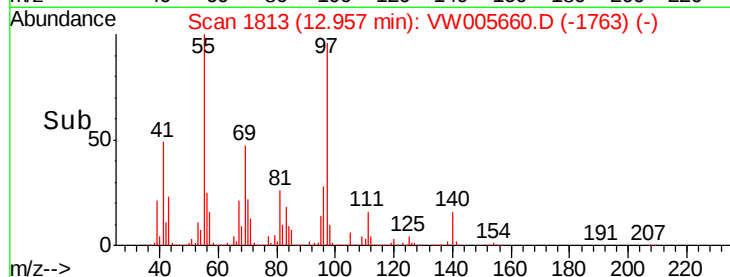
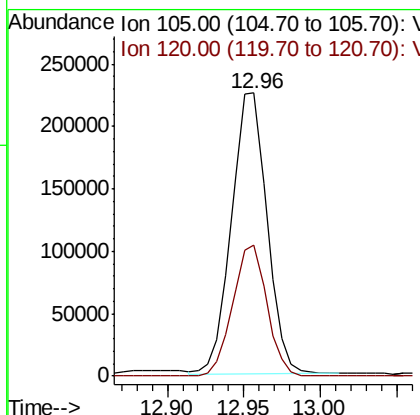
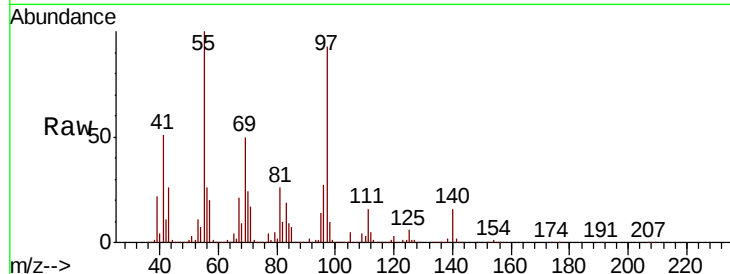
#80
 1,3,5-Trimethylbenzene
 Concen: 19.201 ug/l
 RT: 12.96 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Instrument :
 MSVOA_W
 ClientSampled :
 EP1-Q1-G3

Tot Ion:105 Resp: 363528
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.6 70.8

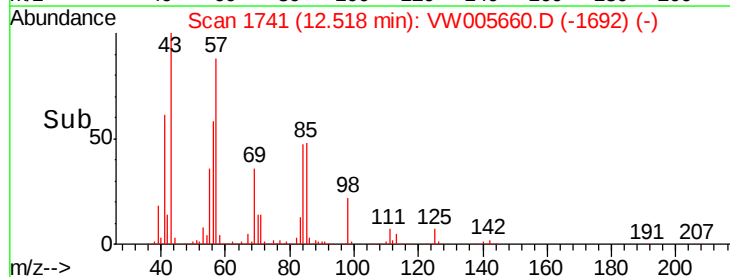
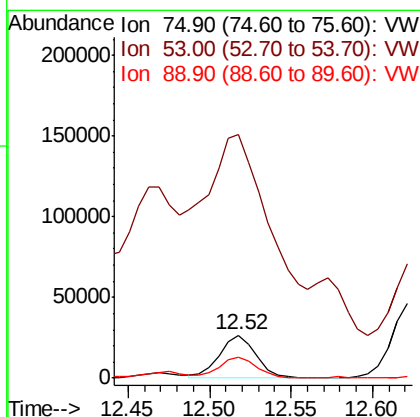
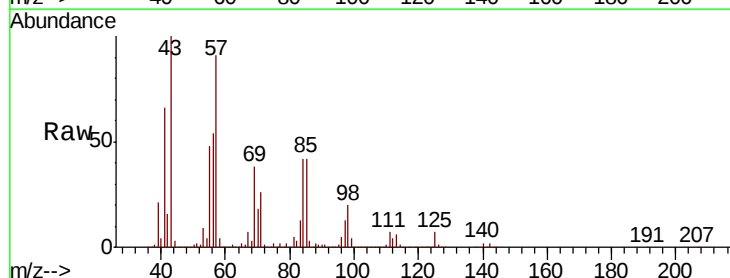
Manual Integrations
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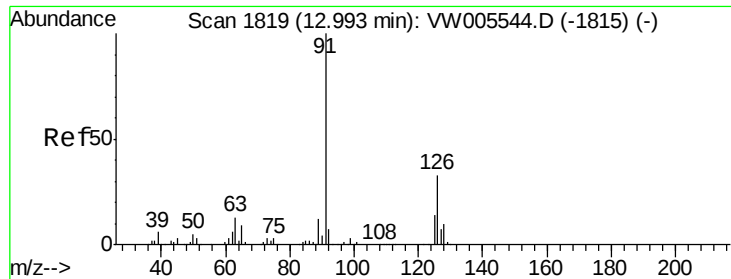
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 33.360 ug/l
 RT: 12.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Tgt Ion: 75 Resp: 39641
 Ion Ratio Lower Upper
 75 100
 53 499.5 85.8 128.6#
 89 48.0 37.3 55.9





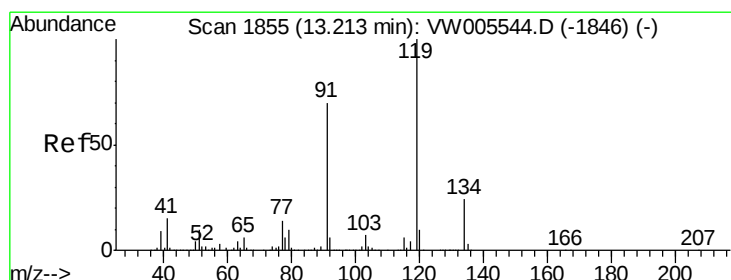
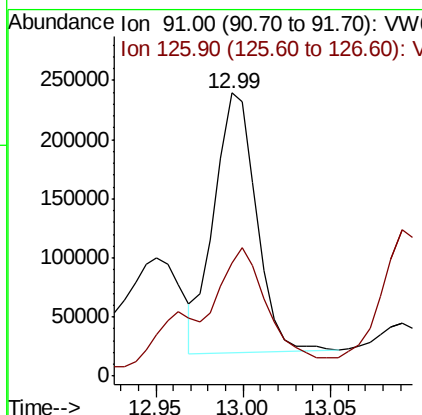
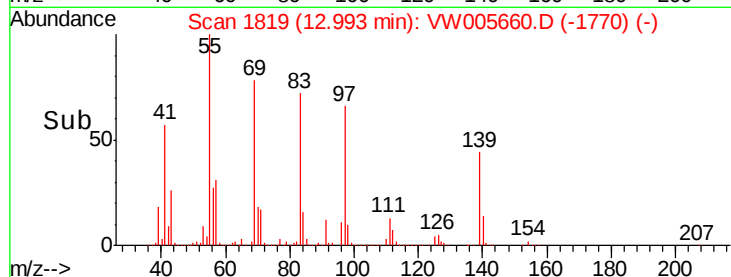
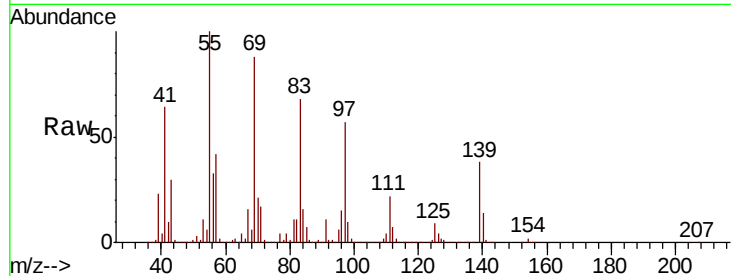
#82
4-Chlorotoluene
Concen: 23.022 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-G3

Tot Ion: 91 Resp: 370967
Ion Ratio Lower Upper
91 100
126 45.6 16.4 49.4

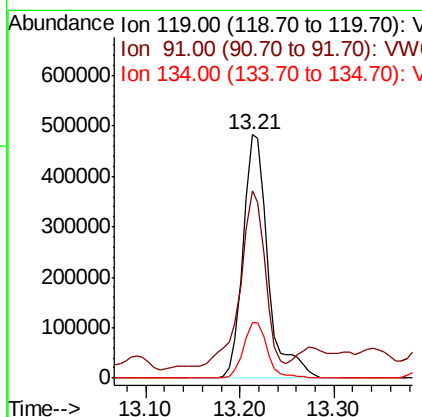
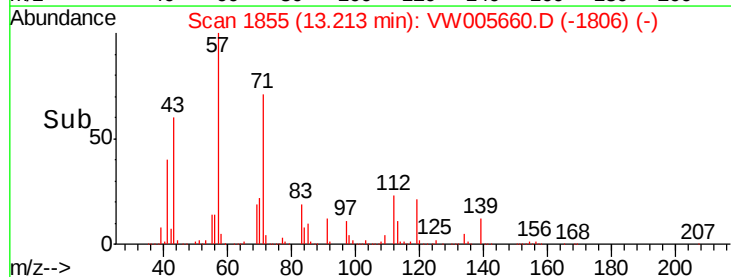
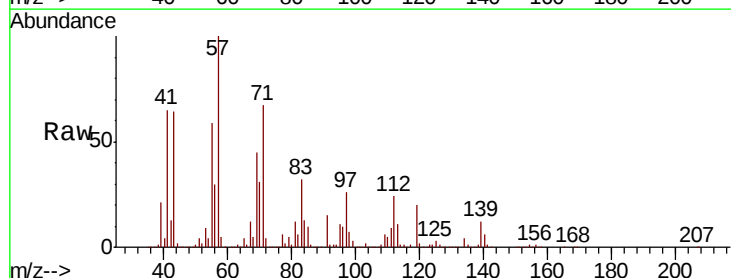
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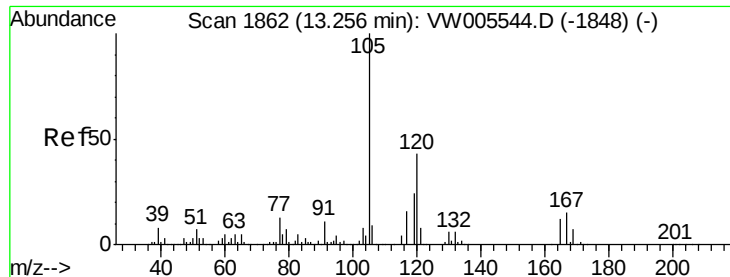
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#83
tert-Butylbenzene
Concen: 56.212 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion: 119 Resp: 894093
Ion Ratio Lower Upper
119 100
91 70.6 34.6 103.8
134 21.9 12.6 37.6





#84

1,2,4-Trimethylbenzene

Concen: 11.596 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampled :

EP1-Q1-G3

Tot Ion:105 Resp: 221558

Ion Ratio Lower Upper

105 100

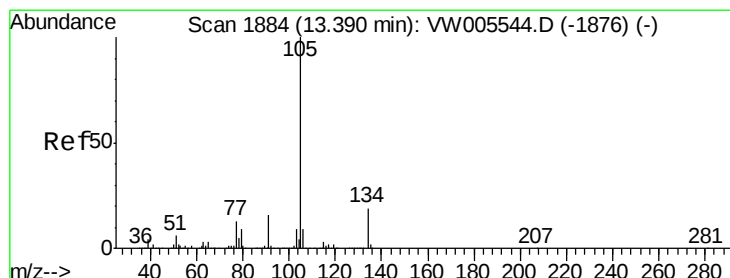
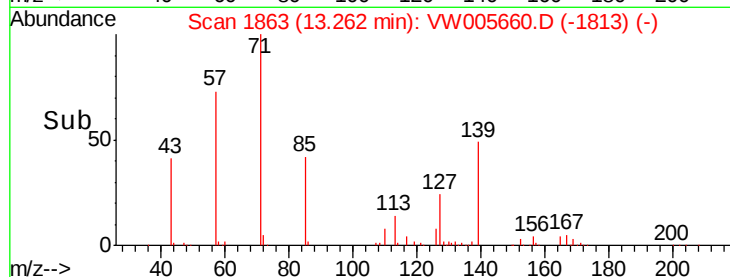
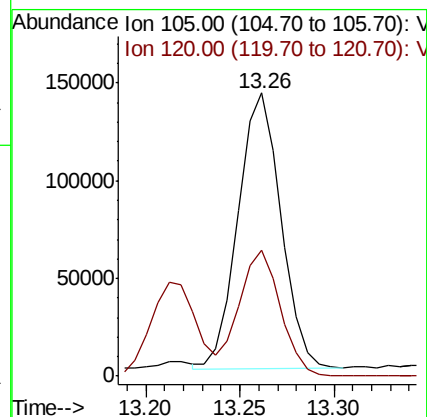
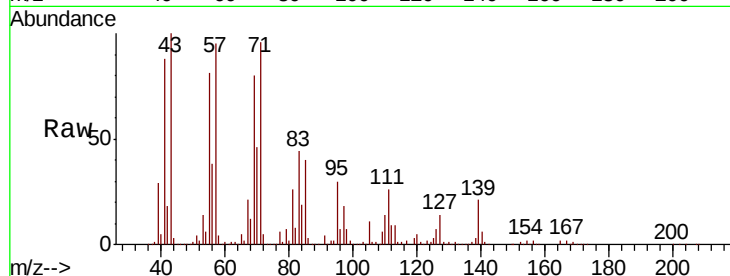
120 44.4 21.5 64.5

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#85

sec-Butylbenzene

Concen: 8.825 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW005660.D

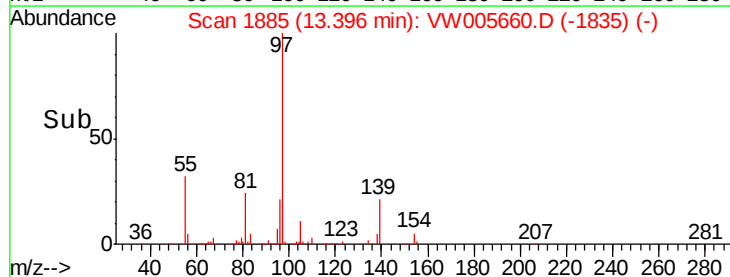
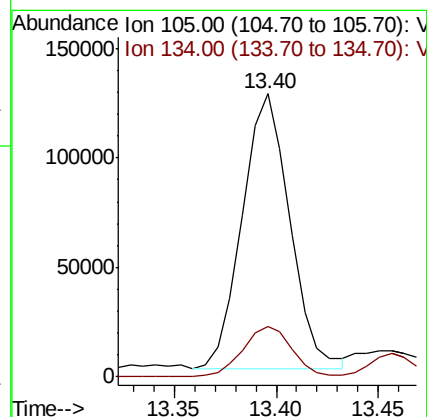
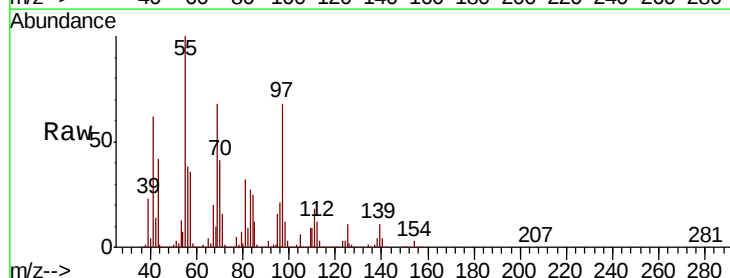
Acq: 26 Sep 2018 18:33

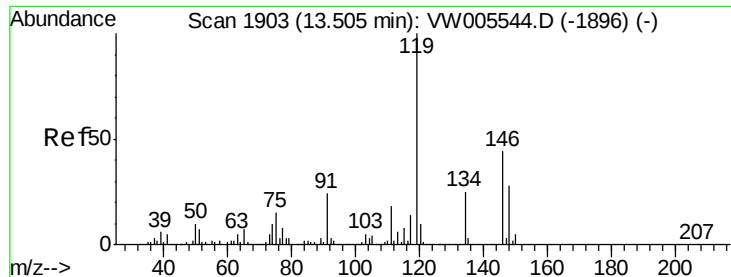
Tgt Ion:105 Resp: 203590

Ion Ratio Lower Upper

105 100

134 18.8 9.8 29.5





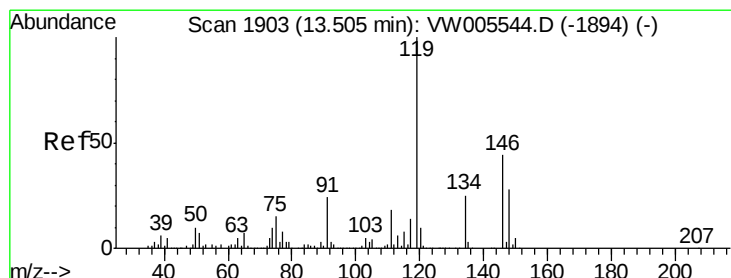
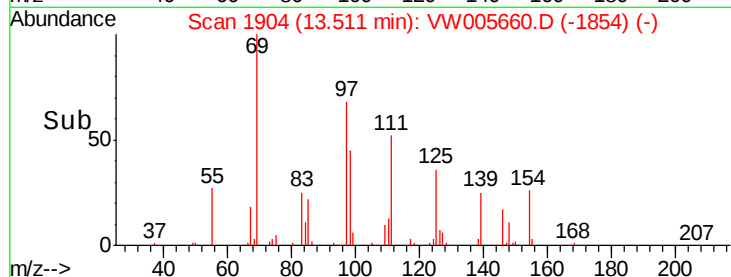
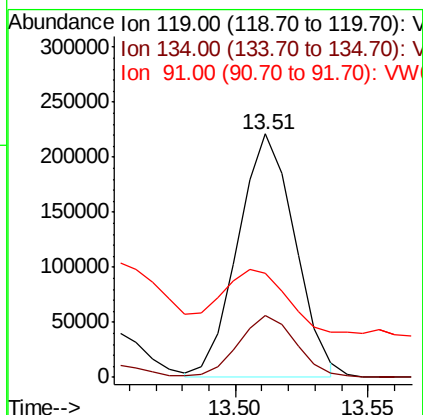
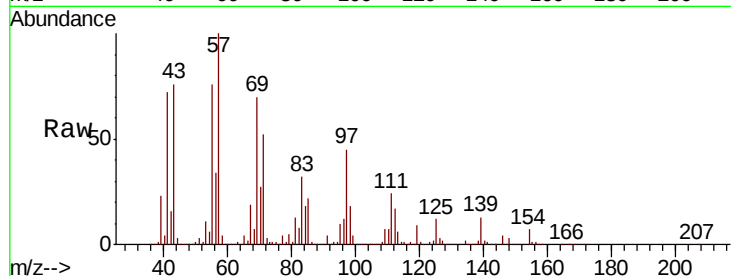
#86
p-Isopropyltoluene
Concen: 16.073 ug/l m
RT: 13.51 min Scan# 1904
Delta R.T. 0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-G3

Tot Ion	Ratio	Resp	Lower	Upper
119	100			
134	195.2	12.7	38.1#	
91	204.9	12.2	36.4#	

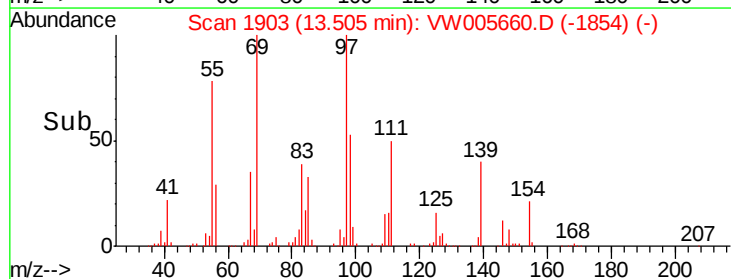
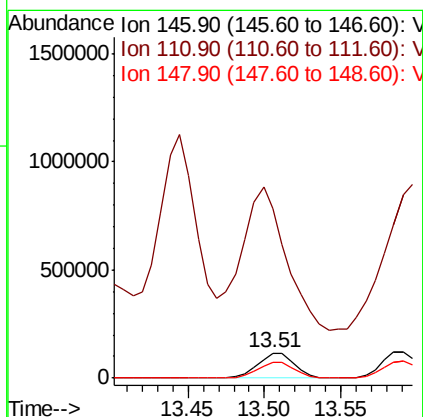
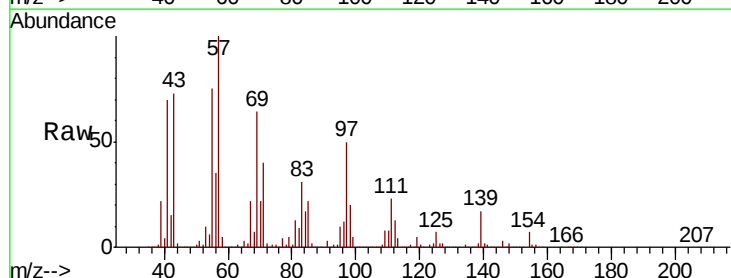
Manual Integrations
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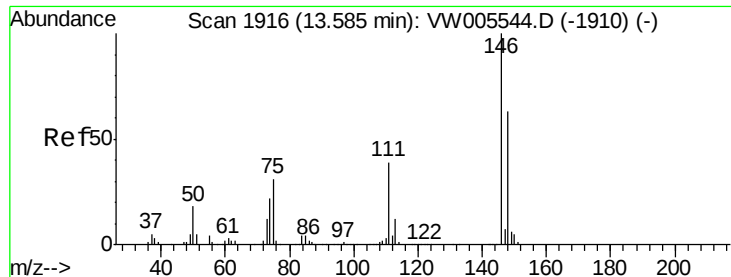
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#87
1,3-Dichlorobenzene
Concen: 18.154 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	701.7	20.3	60.9#	
148	64.6	31.8	95.4	





#88

1,4-Dichlorobenzene

Concen: 19.183 ug/l

RT: 13.59 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

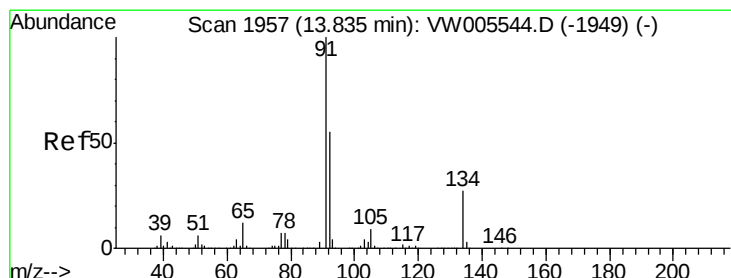
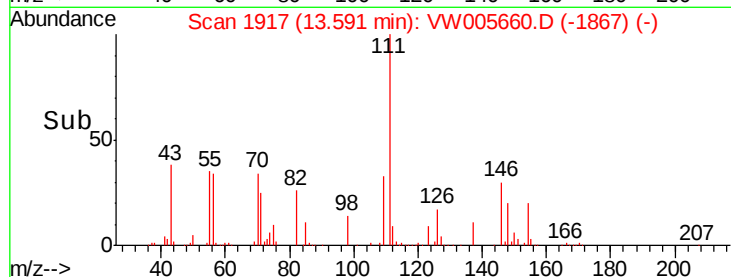
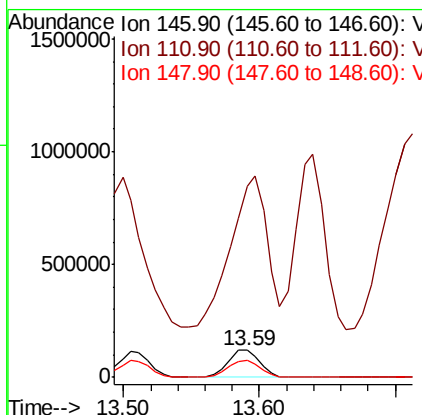
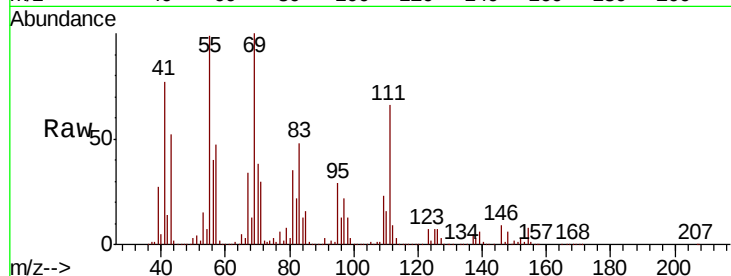
ClientSampled :

EP1-Q1-G3

Tot Ion:	146	Resp:	199080
Ion Ratio	Lower	Upper	
146	100		
111	631.7	19.9	59.7#
148	64.0	32.1	96.3

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#89

n-Butylbenzene

Concen: 5.709 ug/l

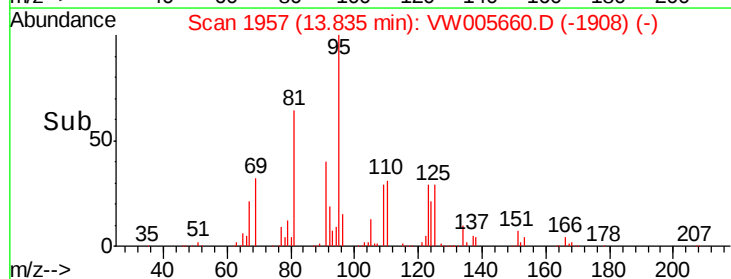
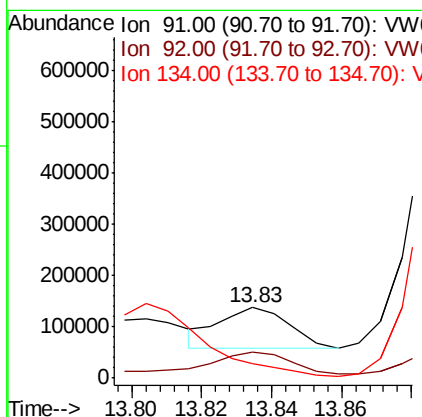
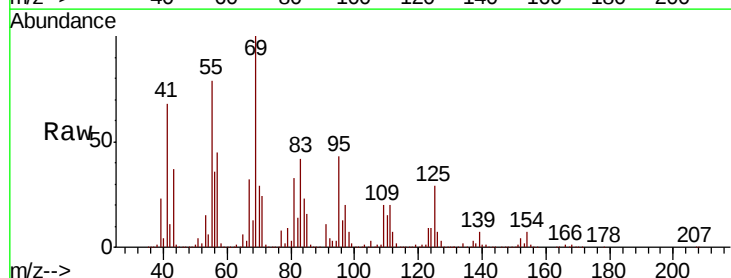
RT: 13.83 min Scan# 1957

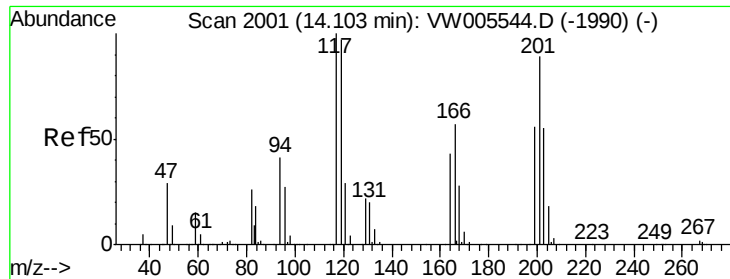
Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Tgt Ion:	91	Resp:	111347
Ion Ratio	Lower	Upper	
91	100		
92	74.2	26.5	79.5
134	0.0	12.9	38.7#





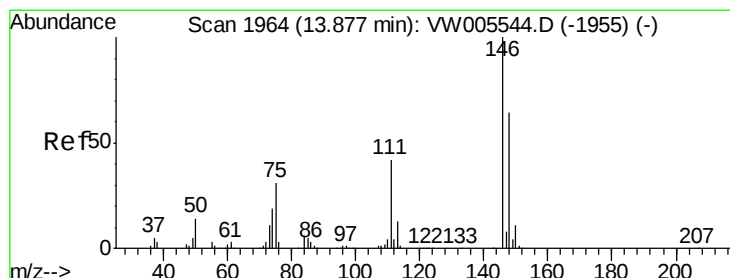
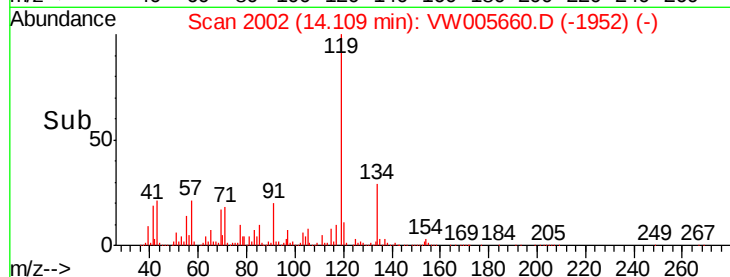
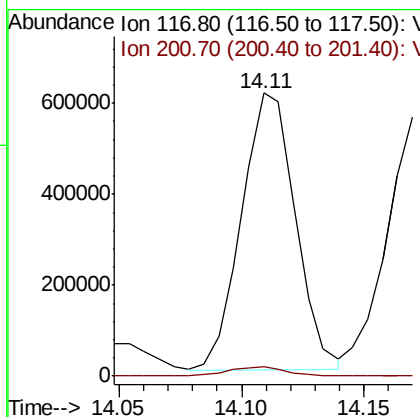
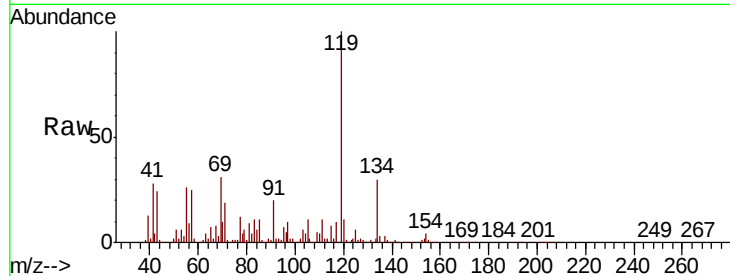
#90
Hexachloroethane
Concen: 248.769 ug/l
RT: 14.11 min Scan# 2002
Delta R.T. 0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion:117 Resp: 932294
Ion Ratio Lower Upper
117 100
201 3.6 42.8 128.3#

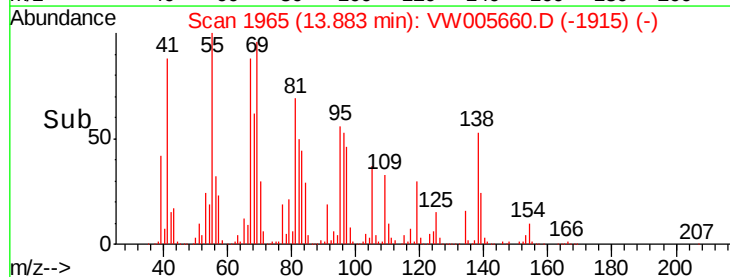
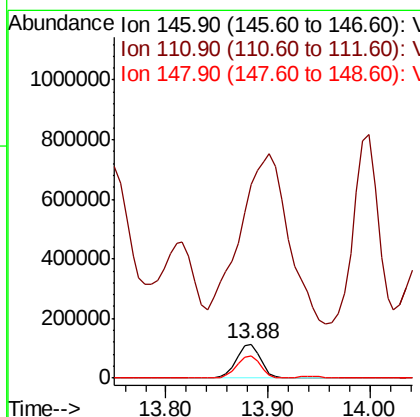
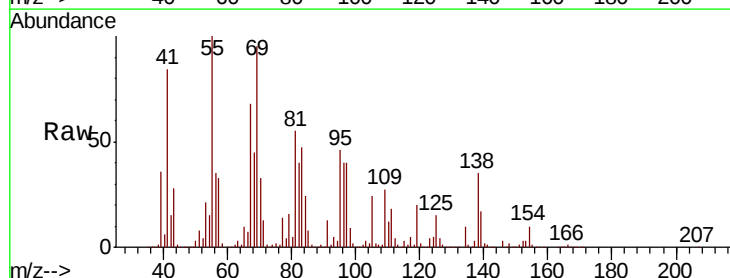
Manual Integrations
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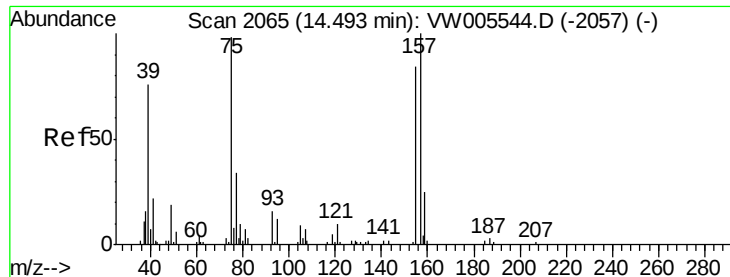
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#91
1,2-Dichlorobenzene
Concen: 20.130 ug/l
RT: 13.88 min Scan# 1965
Delta R.T. 0.01 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion:146 Resp: 185425
Ion Ratio Lower Upper
146 100
111 1023.7 21.3 63.9#
148 63.4 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 71.232 ug/l

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

Tot Ion: 75 Resp: 49082

Ion Ratio Lower Upper

75 100

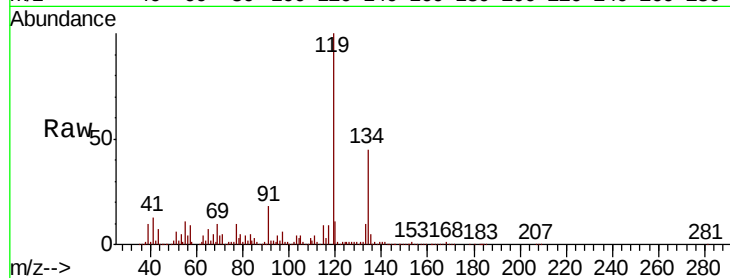
155 0.0 39.1 117.5#

157 0.0 50.8 152.4#

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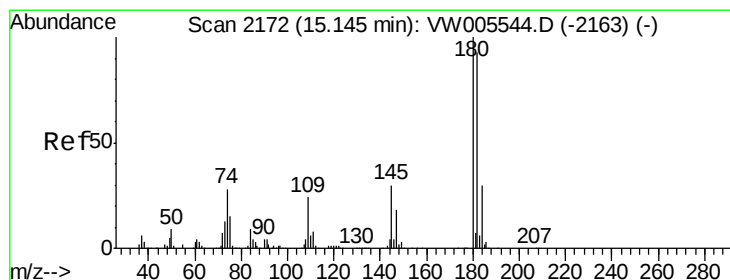
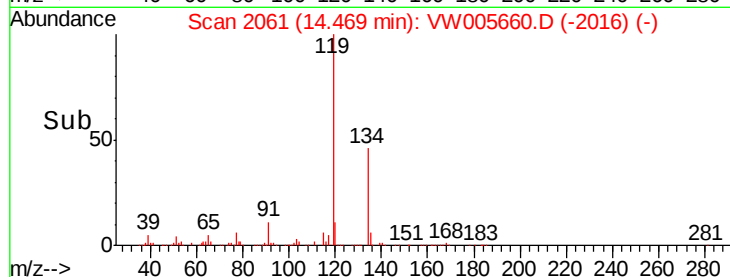
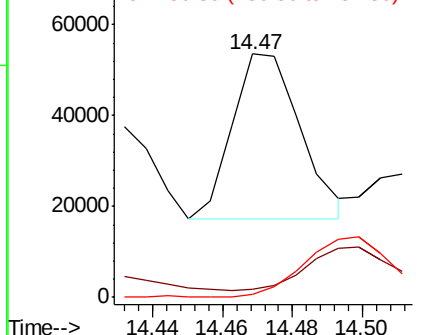
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 12.948 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. -0.00 min

Lab File: VW005660.D

Acq: 26 Sep 2018 18:33

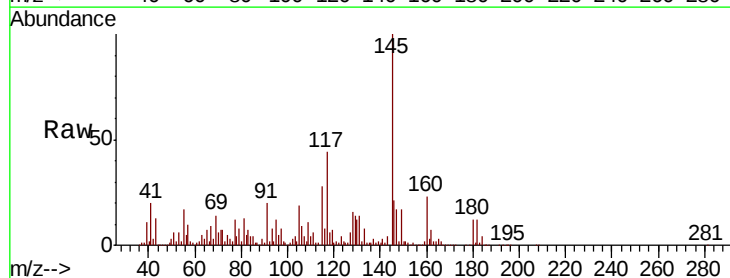
Tgt Ion:180 Resp: 85081

Ion Ratio Lower Upper

180 100

182 97.0 47.7 143.1

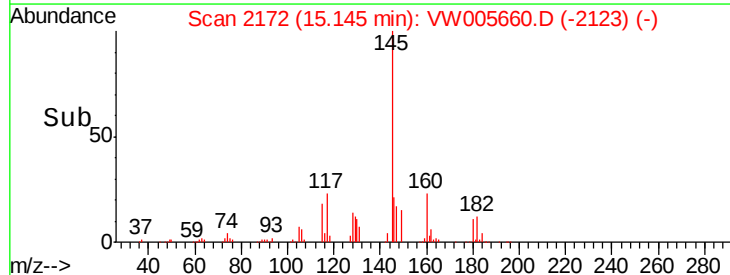
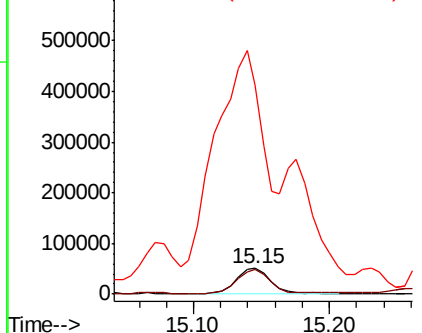
145 1509.7 15.0 45.1#

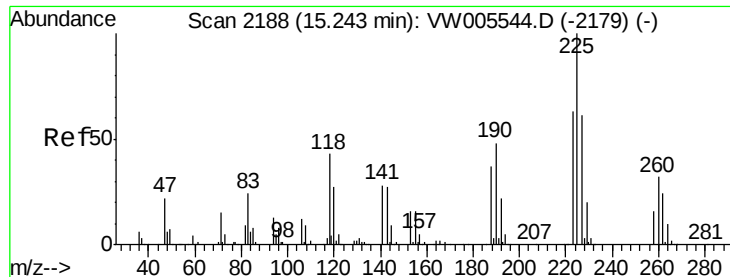


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





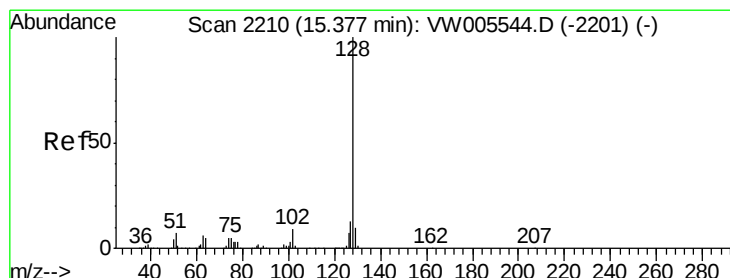
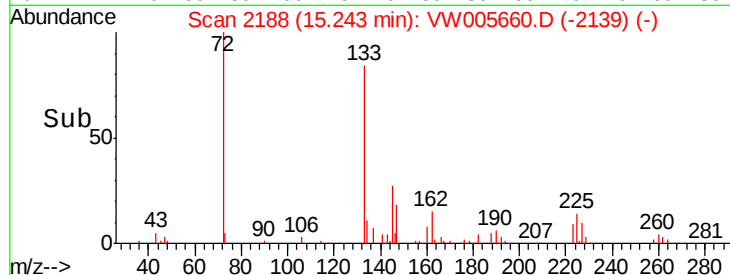
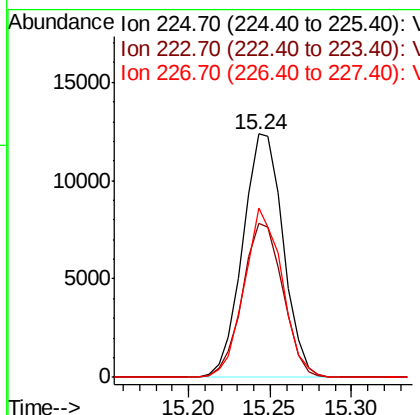
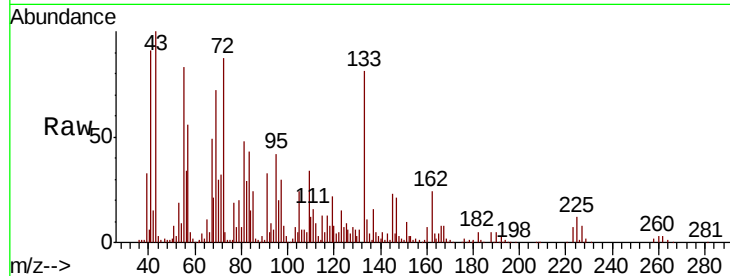
#94
Hexachlorobutadiene
Concen: 5.006 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tot Ion	Ratio	Resp	Lower	Upper
225	100	21311		
223	63.3	31.1	93.3	
227	65.3	31.8	95.3	

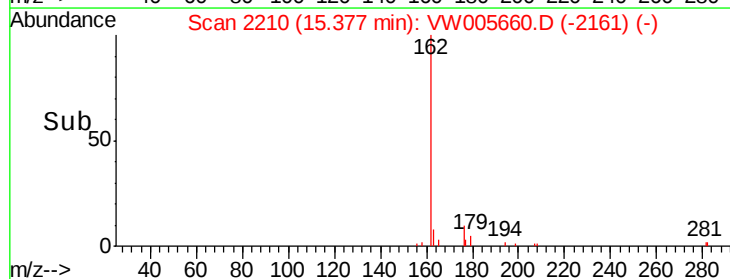
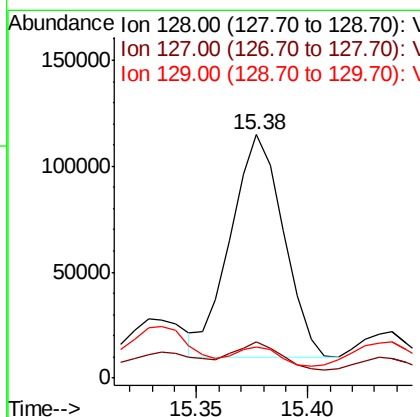
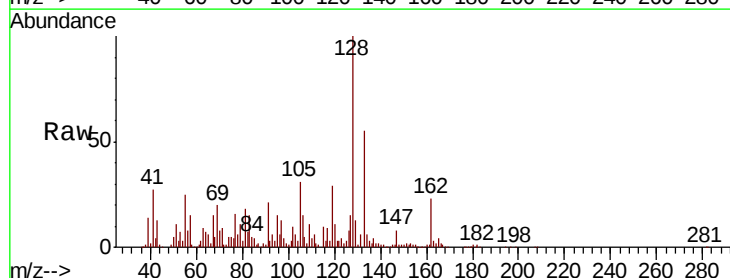
Manual Integrations
APPROVED

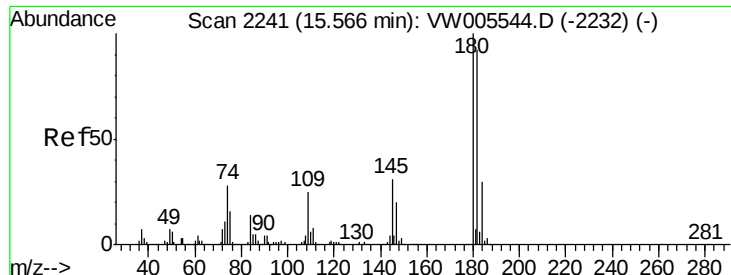
apatel
9/27/2018 10:33:47 AM



#95
Naphthalene
Concen: 15.697 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005660.D
Acq: 26 Sep 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	173498		
127	10.5	10.9	16.3#	
129	7.5	8.6	13.0#	





#96
 1,2,3-Trichlorobenzene
 Concen: 13.927 ug/l
 RT: 15.57 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW005660.D
 Acq: 26 Sep 2018 18:33

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.3	141.9
145	416.1	16.0	47.9#

Manual Integrations
 APPROVED

apatel
 9/27/2018 10:33:47 AM

