

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005275.D
 Acq On : 11 Sep 2018 15:02
 Operator : SY/AP
 Sample : J4803-19MSD
 Misc : 5.24G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q2-J6MSD

Manual Integrations
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 9/12/2018 10:29:26 AM

Quant Time: Sep 11 18:11:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	469217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	682809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	670952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	356143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	204011	58.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.58%	
35) Dibromofluoromethane	7.89	113	134792	37.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.38%	
50) Toluene-d8	10.33	98	986678	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
62) 4-Bromofluorobenzene	12.62	95	357752	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	180362	44.56	ug/l	98
3) Chloromethane	2.22	50	268804	49.67	ug/l	99
4) Vinyl Chloride	2.35	62	247401	49.80	ug/l	98
5) Bromomethane	2.75	94	167112	55.80	ug/l	99
6) Chloroethane	2.91	64	138140	50.48	ug/l	98
7) Trichlorofluoromethane	3.26	101	265382	47.22	ug/l	96
8) Diethyl Ether	3.69	74	111740	55.79	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	186053	46.35	ug/l	98
10) Methyl Iodide	4.28	142	231260	46.59	ug/l	100
11) Tert butyl alcohol	5.17	59	82062	285.93	ug/l	98
12) 1,1-Dichloroethene	4.04	96	178780	48.37	ug/l	98
13) Acrolein	3.90	56	36044	130.01	ug/l	97
14) Allyl chloride	4.68	41	286924	50.52	ug/l	99
15) Acrylonitrile	5.37	53	280790	310.75	ug/l	99
16) Acetone	4.12	43	189031	291.00	ug/l	98
17) Carbon Disulfide	4.39	76	652825	50.32	ug/l	99
18) Methyl Acetate	4.68	43	103196	53.22	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	509853	57.92	ug/l	99
20) Methylene Chloride	4.92	84	263109	54.82	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	212695	49.29	ug/l	98
22) Diisopropyl ether	6.32	45	590028	51.61	ug/l	98
24) 1,1-Dichloroethane	6.23	63	358862	50.99	ug/l	98
25) 2-Butanone	7.18	43	282990	276.18	ug/l	97
26) 2,2-Dichloropropane	7.18	77	287416	47.10	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	231367	50.10	ug/l	99
28) Bromochloromethane	7.52	49	148703	57.27	ug/l	100
29) Tetrahydrofuran	7.54	42	210904	305.43	ug/l	99
30) Chloroform	7.68	83	361975	51.25	ug/l	99
31) Cyclohexane	7.96	56	351265	46.91	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	310579	48.67	ug/l	99
36) 1,1-Dichloropropene	8.09	75	303370	48.50	ug/l	99
37) Ethyl Acetate	7.26	43	96238	40.45	ug/l	99
38) Carbon Tetrachloride	8.08	117	270694	46.19	ug/l	98
39) Methylcyclohexane	9.34	83	359912	43.33	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.33	78	948333	51.46	ug/l	100
41) Methacrylonitrile	7.49	41	75618	61.94	ug/l #	91
42) 1,2-Dichloroethane	8.41	62	233763	53.02	ug/l	99
43) Isopropyl Acetate	8.43	43	244770	55.40	ug/l	98
44) Trichloroethene	9.10	130	429291	84.91	ug/l	94
45) 1,2-Dichloropropane	9.38	63	225217	50.84	ug/l	99
46) Dibromomethane	9.46	93	112936	52.08	ug/l	99
47) Bromodichloromethane	9.65	83	271624	51.21	ug/l	96
48) Methyl methacrylate	9.44	41	107109	46.69	ug/l	92
49) 1,4-Dioxane	9.45	88	47212	1166.18	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	759469	305.43	ug/l	100
52) Toluene	10.40	92	671382	50.12	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	310307	54.13	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	358593	52.24	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	185039	53.52	ug/l	97
56) Ethyl methacrylate	10.65	69	232208	52.98	ug/l	99
57) 1,3-Dichloropropane	10.94	76	312956	54.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	564149	296.13	ug/l	99
59) 2-Hexanone	10.98	43	557407	310.95	ug/l	100
60) Dibromochloromethane	11.13	129	208850	54.44	ug/l	99
61) 1,2-Dibromoethane	11.24	107	176777	55.76	ug/l	100
64) Tetrachloroethene	10.87	164	412966	82.96	ug/l	100
65) Chlorobenzene	11.66	112	733296	49.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	225171	51.31	ug/l	100
67) Ethyl Benzene	11.74	91	1262556	49.33	ug/l	99
68) m/p-Xylenes	11.85	106	1016078	98.51	ug/l	99
69) o-Xylene	12.17	106	482114	50.24	ug/l	99
70) Stvrene	12.19	104	812242	51.87	ug/l	100
71) Bromoform	12.35	173	134366	56.47	ug/l #	98
73) Isopropylbenzene	12.47	105	1244027	49.44	ug/l	100
74) N-amyl acetate	12.28	43	219732	45.90	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	24457	6.47	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	151664m	55.37	ug/l	
77) Bromobenzene	12.76	156	309085	52.14	ug/l	97
78) n-propylbenzene	12.81	91	1463465	48.42	ug/l	99
79) 2-Chlorotoluene	12.90	91	863205	49.81	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1044417	48.74	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	71287	61.03	ug/l	98
82) 4-Chlorotoluene	12.99	91	905162	49.69	ug/l	100
83) tert-Butylbenzene	13.21	119	868533	46.35	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1073274	49.85	ug/l	98
85) sec-Butylbenzene	13.39	105	1195939	44.41	ug/l	99
86) p-Isopropyltoluene	13.51	119	1072258	44.97	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	603893	48.51	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	601399	49.19	ug/l	99
89) n-Butylbenzene	13.83	91	916415	40.89	ug/l	98
90) Hexachloroethane	14.10	117	166671	43.63	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	556655	50.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39018	62.04	ug/l	97
93) 1,2,4-Trichlorobenzene	15.15	180	328714	42.47	ug/l	100

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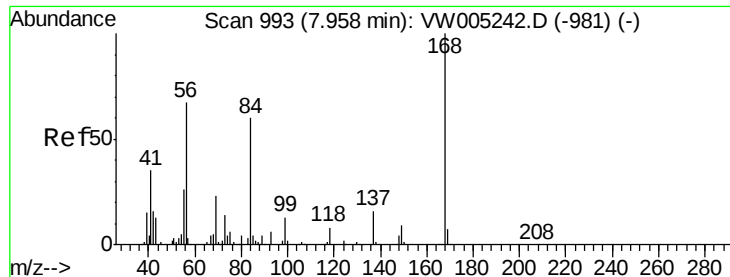
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.25	225	134145	27.07	ug/l	99
95) Naphthalene	15.38	128	700373	55.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	295036	44.30	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q2-J6MSD

Tot Ion:168 Resp: 469217

Ion Ratio Lower Upper

168 100

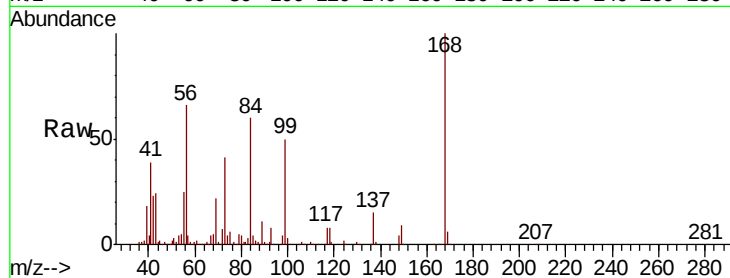
99 49.4 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

100000

50000

0

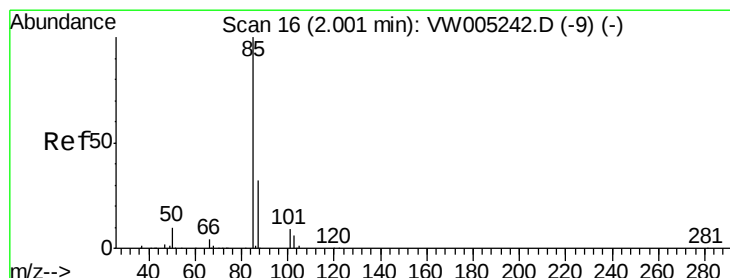
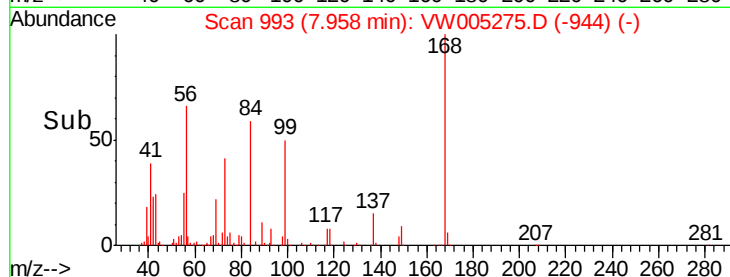
7.80

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.56 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005275.D

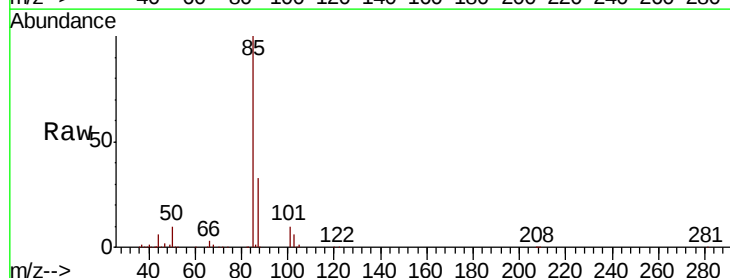
Acq: 11 Sep 2018 15:02

Tgt Ion: 85 Resp: 180362

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

120000

100000

80000

60000

40000

20000

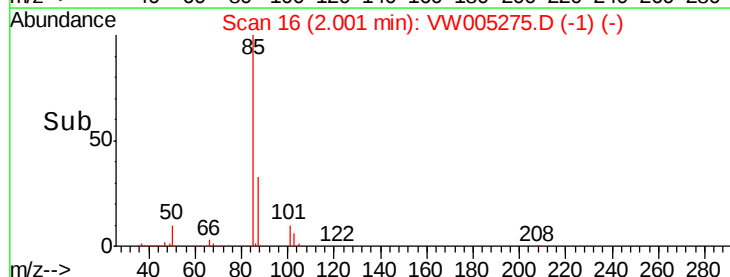
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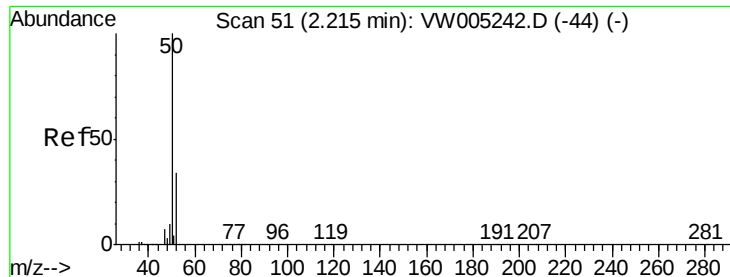
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 49.67 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 50 Resp: 268804

Ion Ratio Lower Upper

50 100

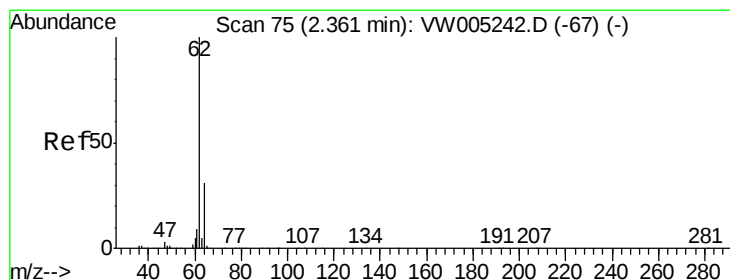
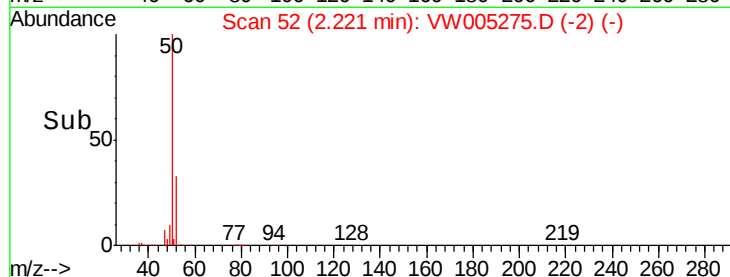
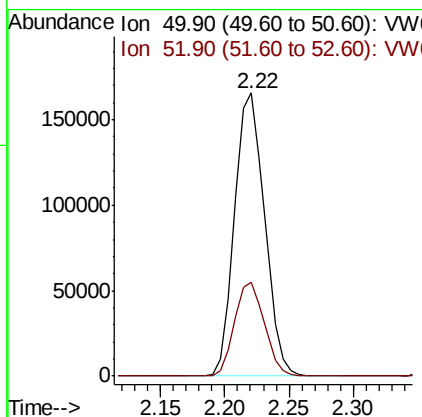
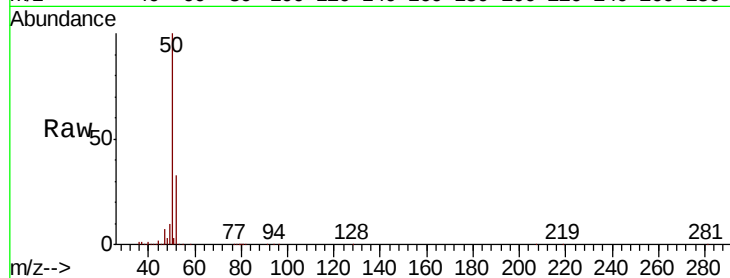
52 33.0 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.80 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005275.D

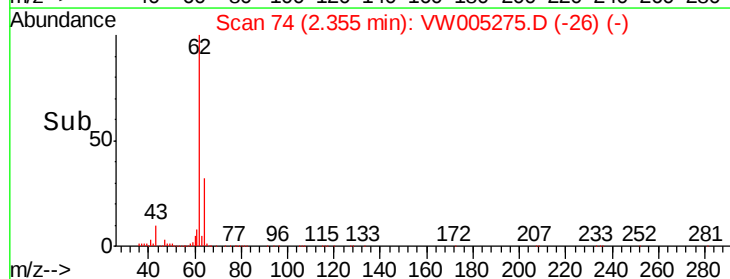
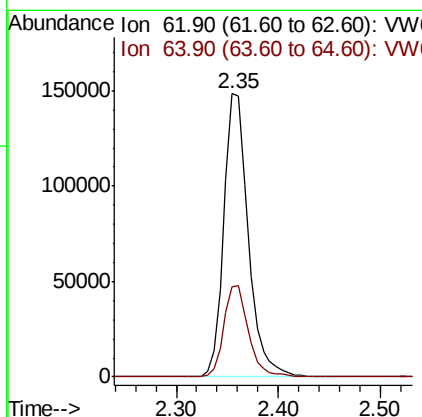
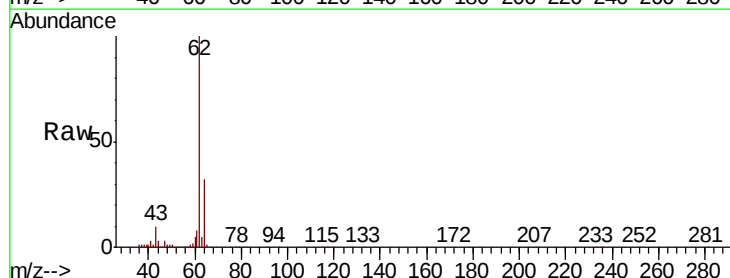
Acq: 11 Sep 2018 15:02

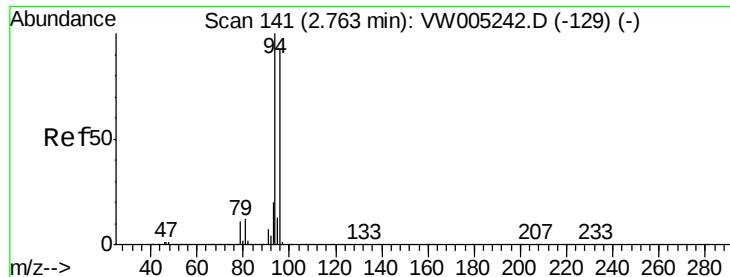
Tgt Ion: 62 Resp: 247401

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0





#5

Bromomethane

Concen: 55.80 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampled :

EP1-Q2-J6MSD

Tot Ion: 94 Resp: 167112

Ion Ratio Lower Upper

94 100

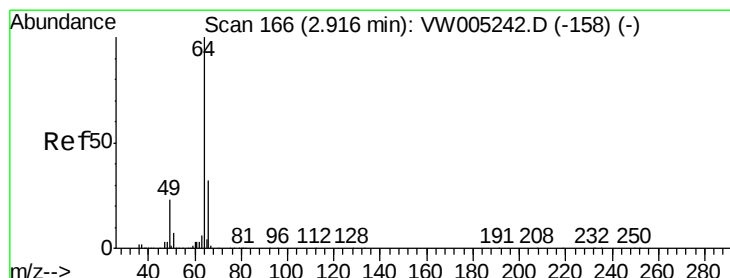
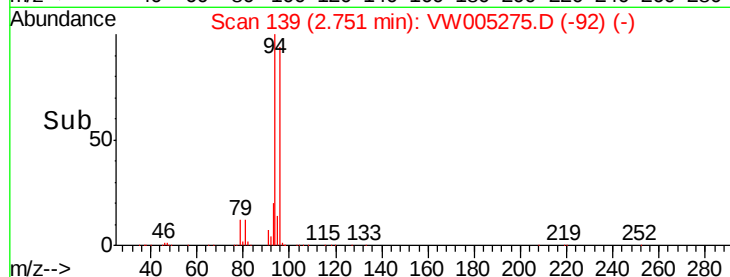
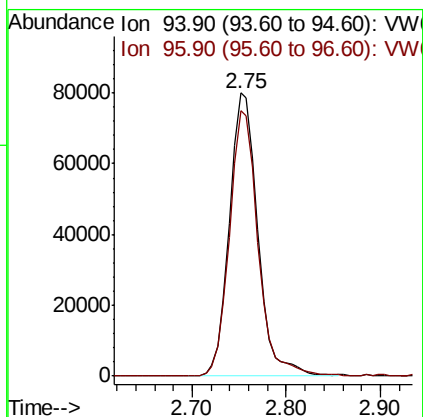
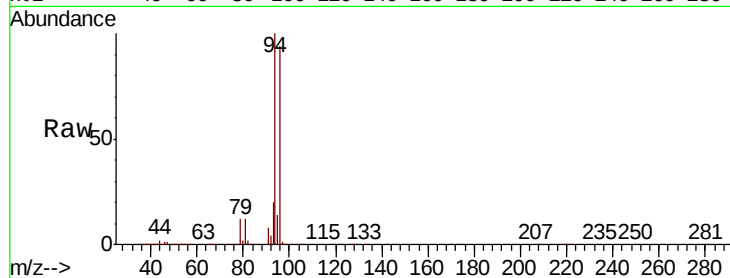
96 93.5 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 50.48 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005275.D

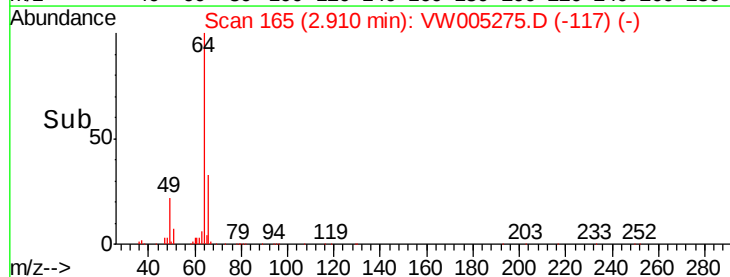
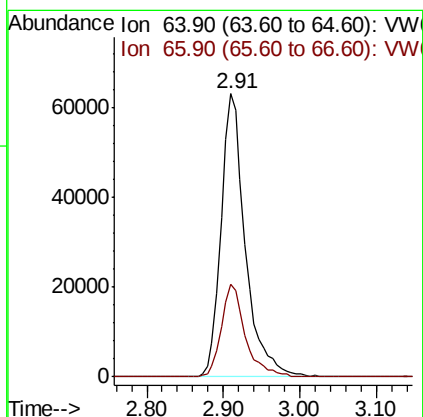
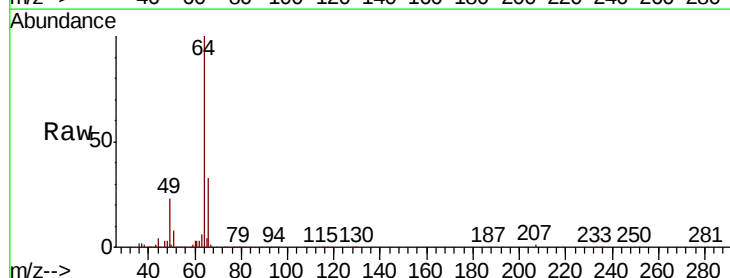
Acq: 11 Sep 2018 15:02

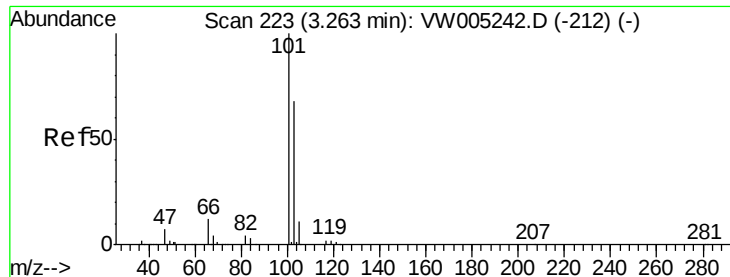
Tgt Ion: 64 Resp: 138140

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9





#7

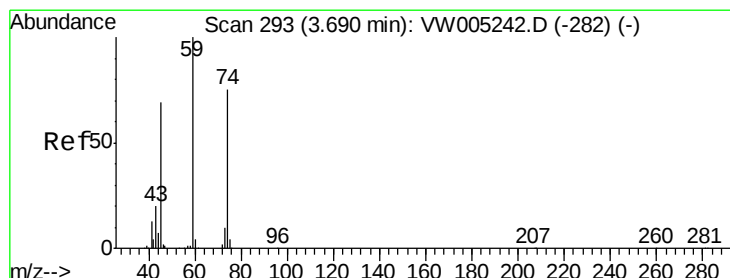
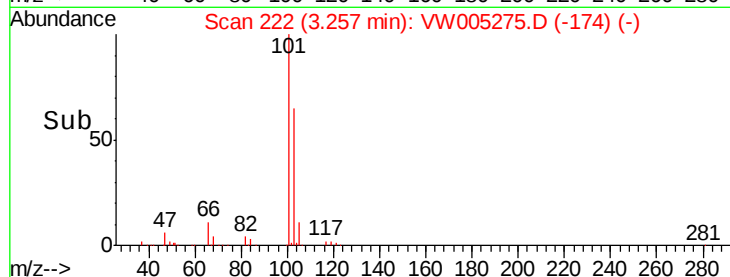
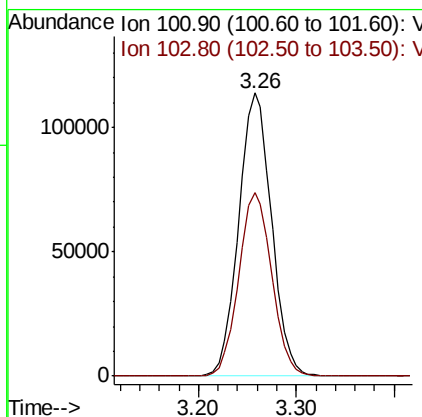
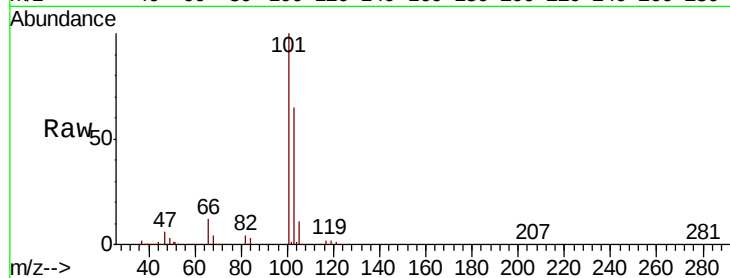
Trichlorofluoromethane
Concen: 47.22 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	265382		
103	64.7	54.1	81.1	

Manual Integrations
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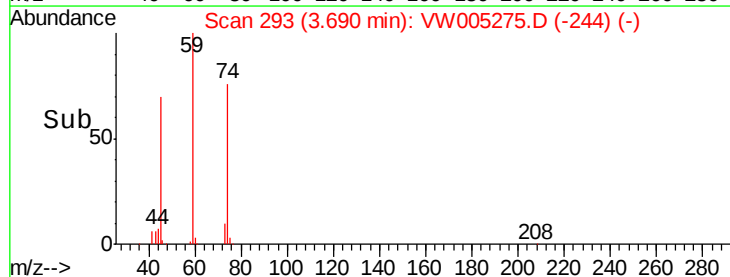
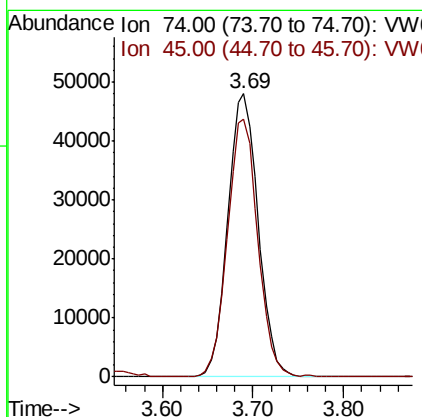
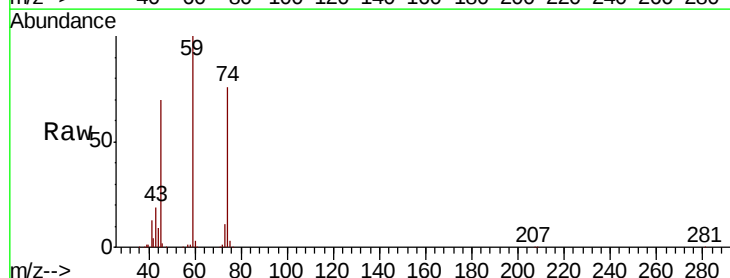
apatel
9/12/2018 10:29:26 AM

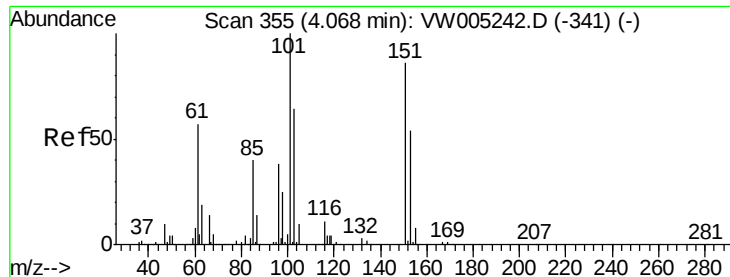


#8

Diethyl Ether
Concen: 55.79 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	111740		
45	91.0	45.1	135.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.35 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

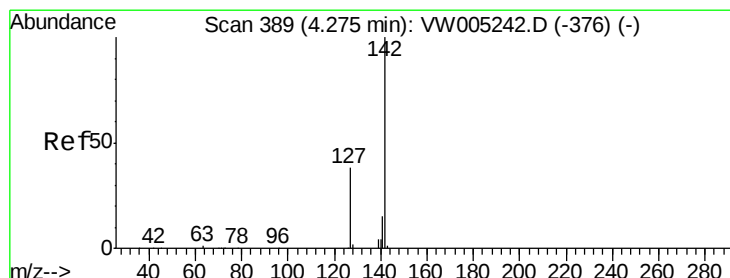
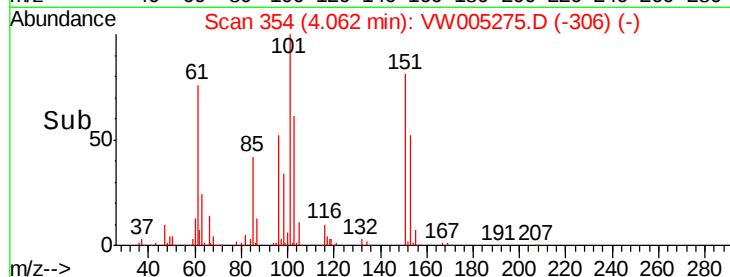
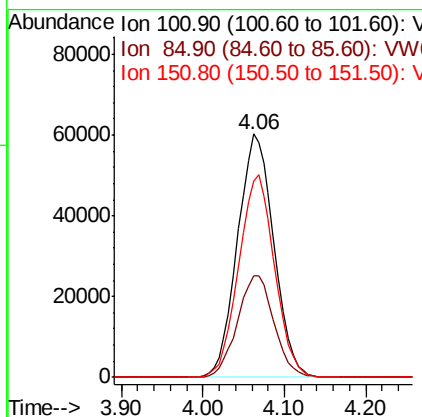
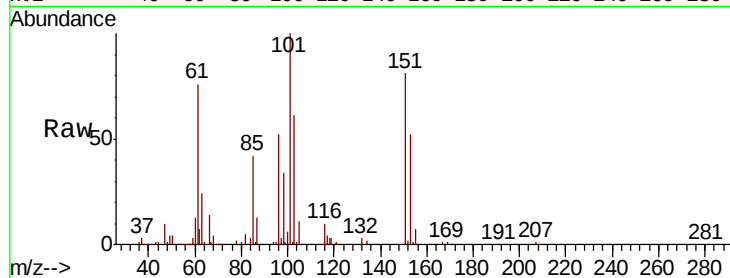
ClientSampleId :

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Tot Ion:	101	Resp:	186053
Ion Ratio	Lower	Upper	
101	100		
85	42.1	32.7	49.1
151	82.3	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 46.59 ug/l

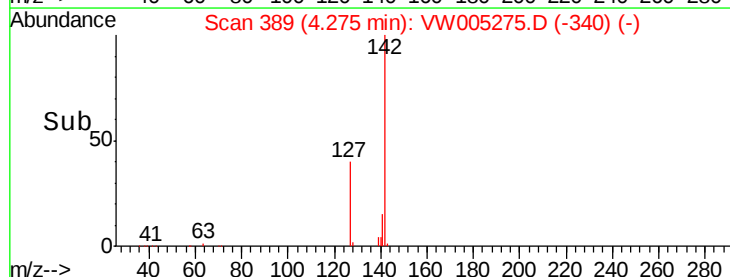
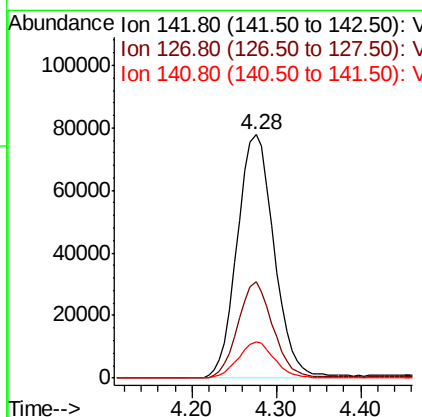
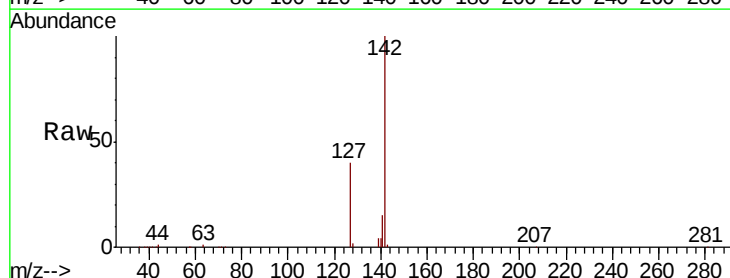
RT: 4.28 min Scan# 389

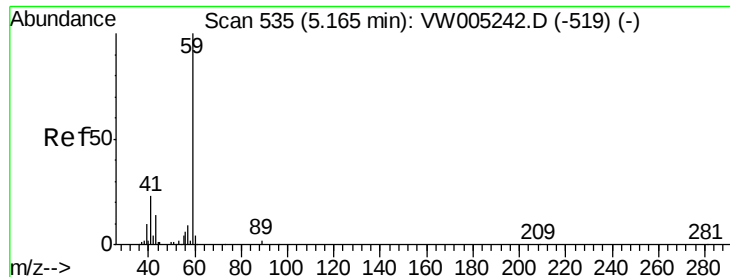
Delta R.T. 0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion:	142	Resp:	231260
Ion Ratio	Lower	Upper	
142	100		
127	37.8	30.3	45.5
141	14.5	11.4	17.0





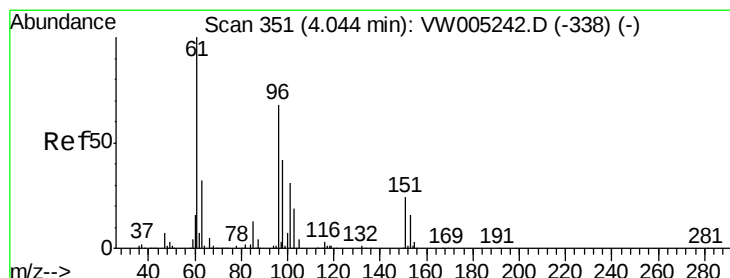
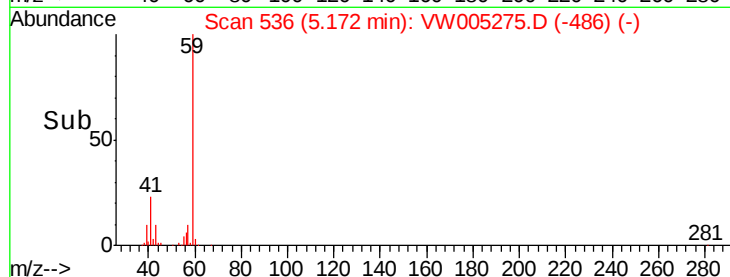
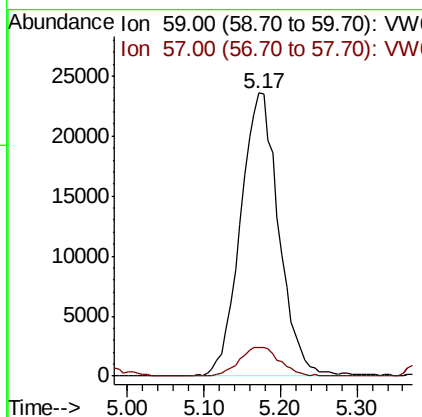
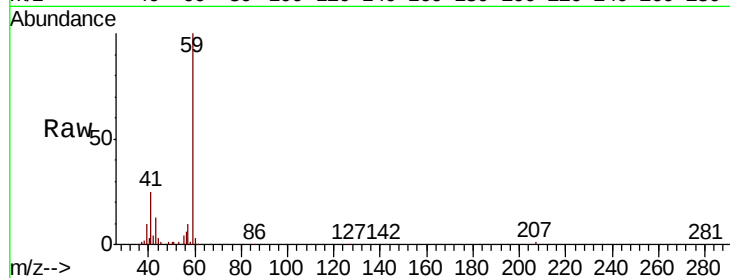
#11
Tert butyl alcohol
Concen: 285.93 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampled :
EP1-Q2-J6MSD

Tot Ion: 59 Resp: 82062
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1

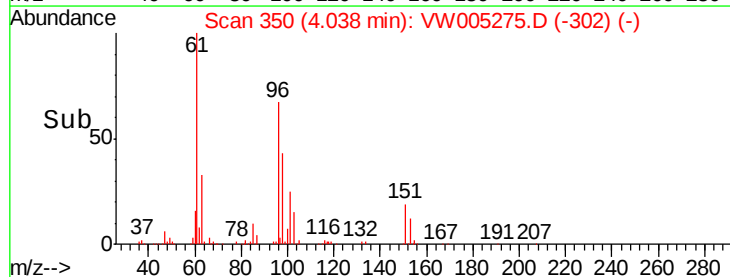
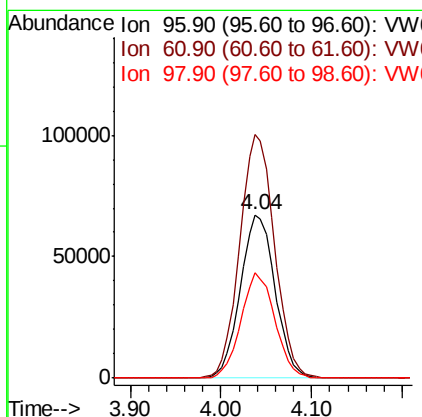
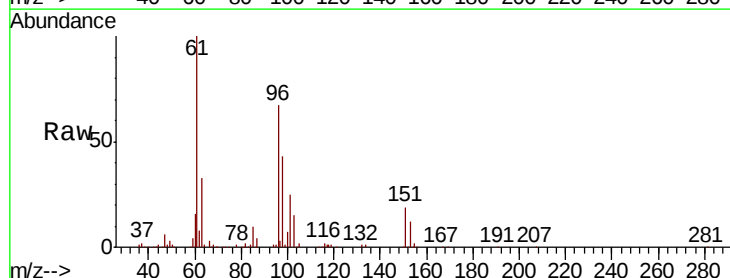
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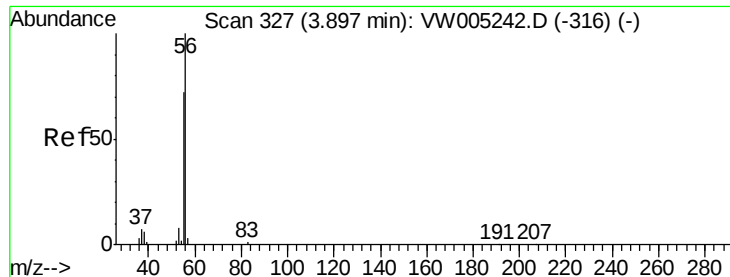
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#12
1,1-Dichloroethene
Concen: 48.37 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion: 96 Resp: 178780
Ion Ratio Lower Upper
96 100
61 149.1 118.2 177.2
98 64.7 49.9 74.9





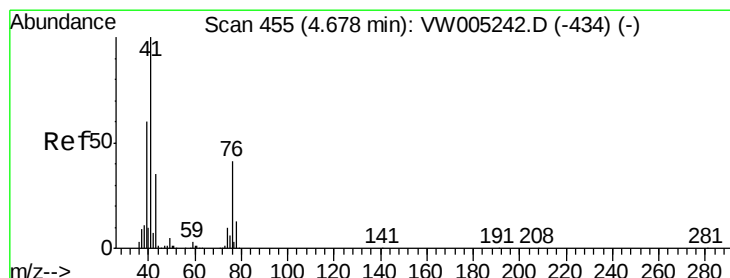
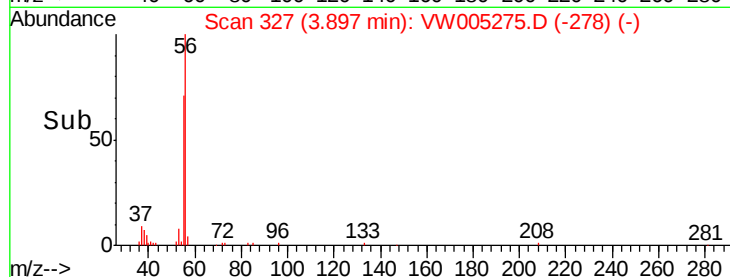
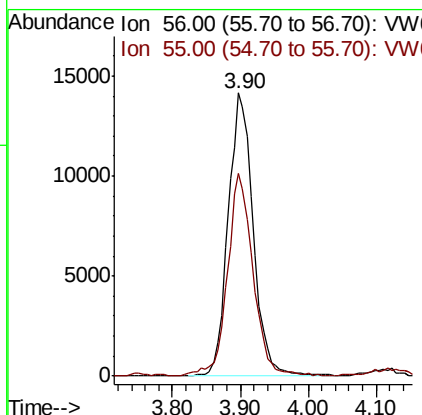
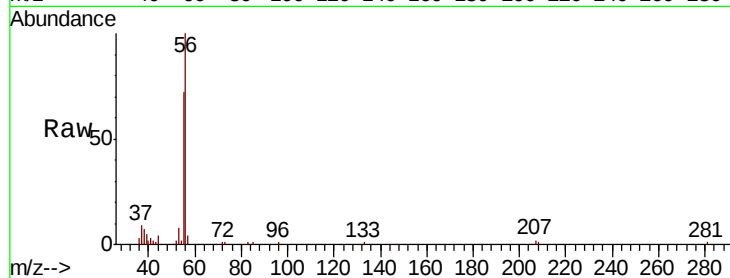
#13
Acrolein
Concen: 130.01 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	56	Resp	36044
Ion Ratio	100	Lower	Upper
55	73.2	56.8	85.2

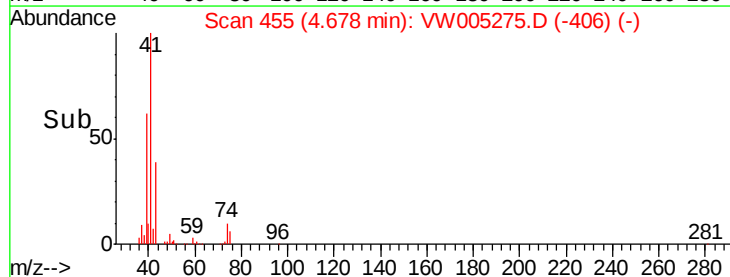
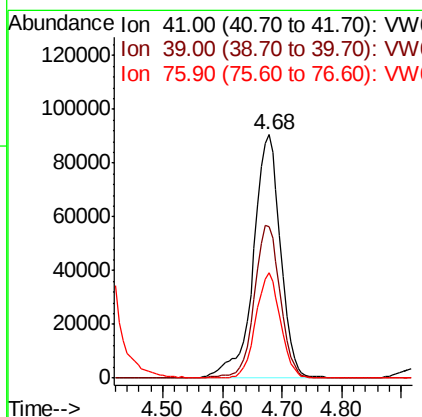
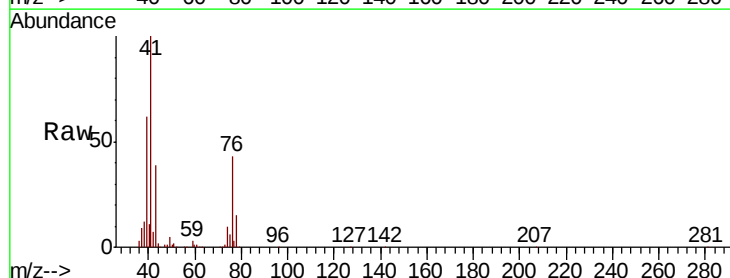
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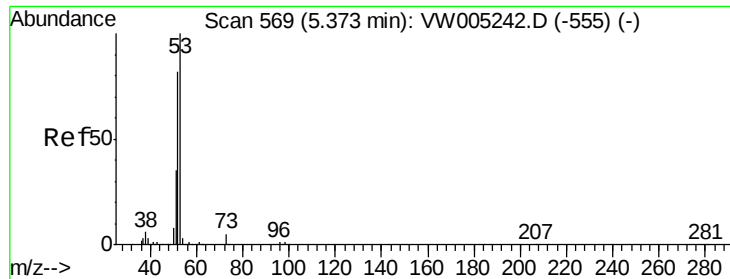
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#14
Allyl chloride
Concen: 50.52 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	41	Resp	286924
Ion Ratio	100	Lower	Upper
39	60.2	48.2	72.4
76	39.0	31.7	47.5





#15

Acrylonitrile

Concen: 310.75 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

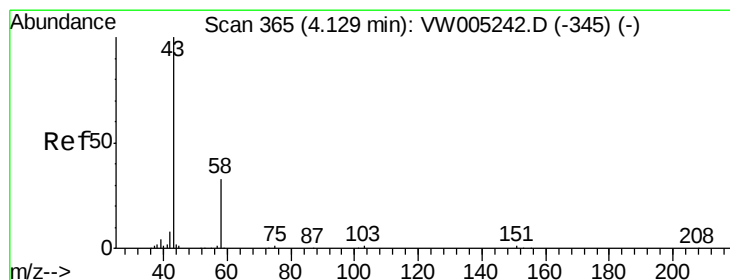
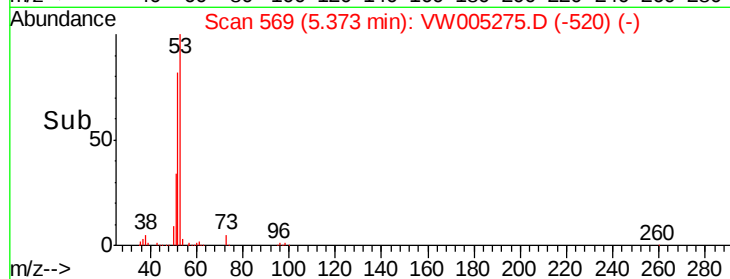
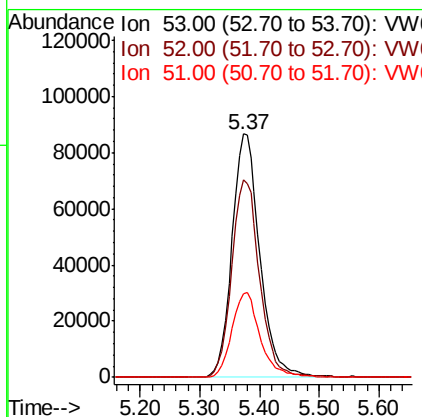
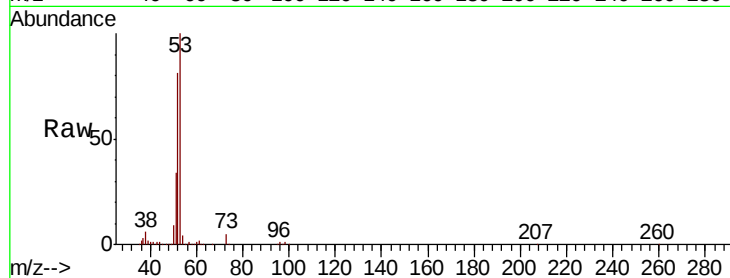
ClientSampleId :

EP1-Q2-J6MSD

Tot Ion:	53	Resp:	280790
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.0	99.0
51	35.4	28.6	43.0

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#16

Acetone

Concen: 291.00 ug/l

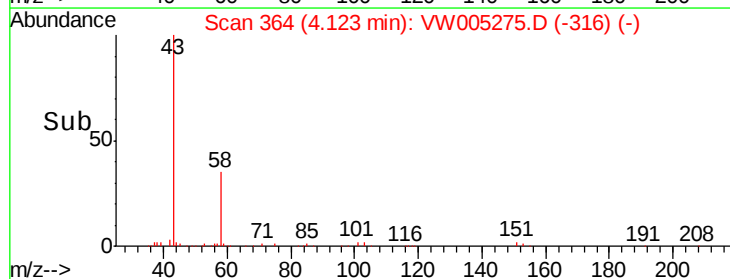
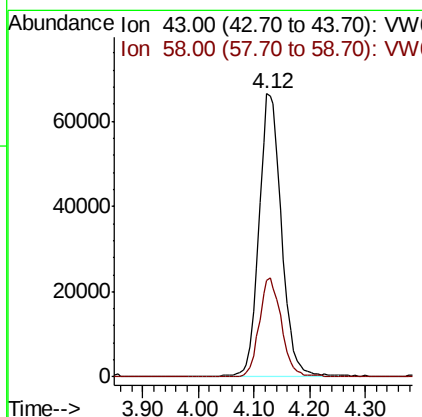
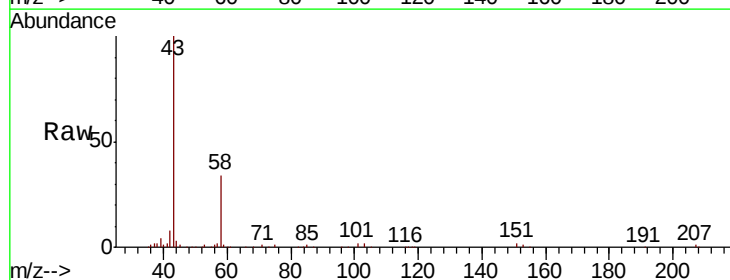
RT: 4.12 min Scan# 364

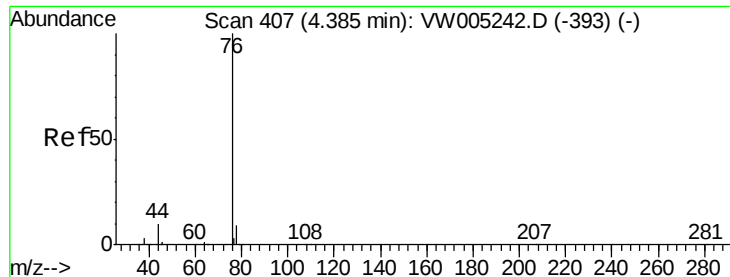
Delta R.T. -0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion:	43	Resp:	189031
Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.7	40.1





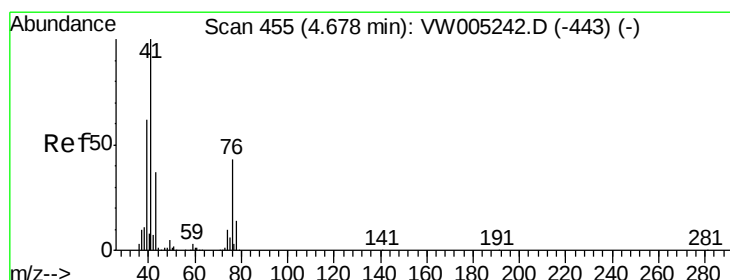
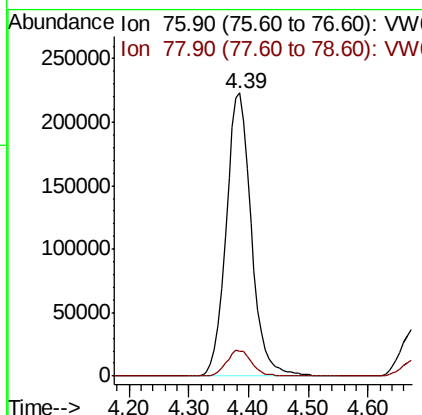
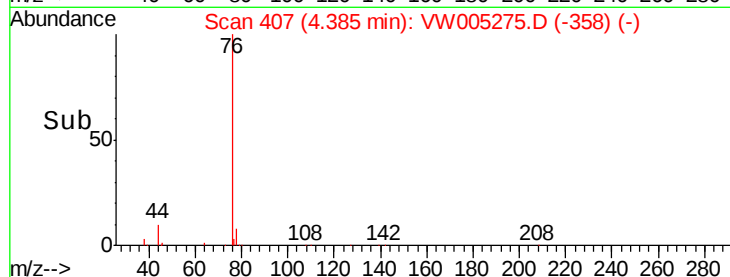
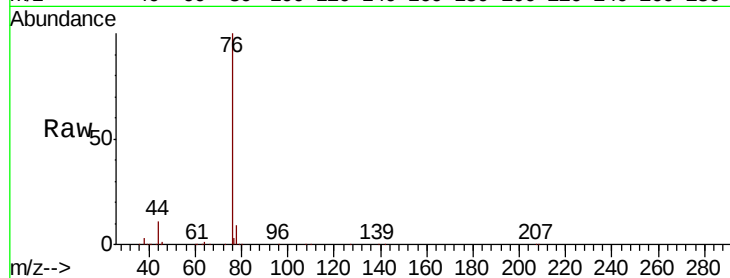
#17
Carbon Disulfide
Concen: 50.32 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

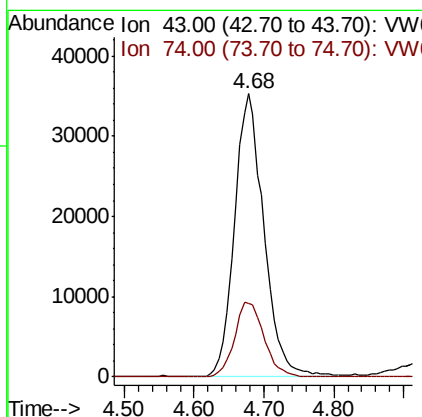
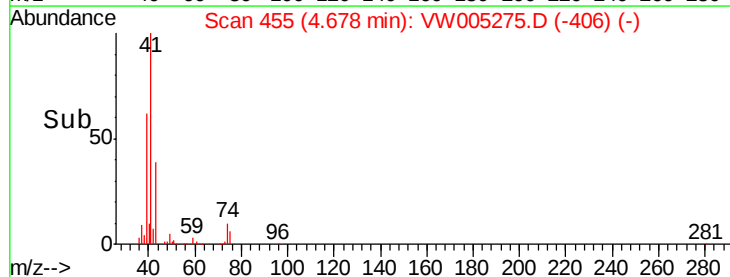
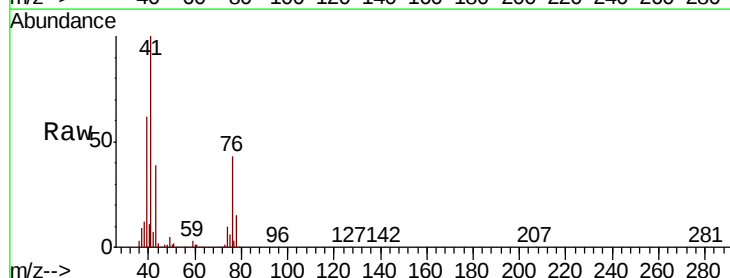
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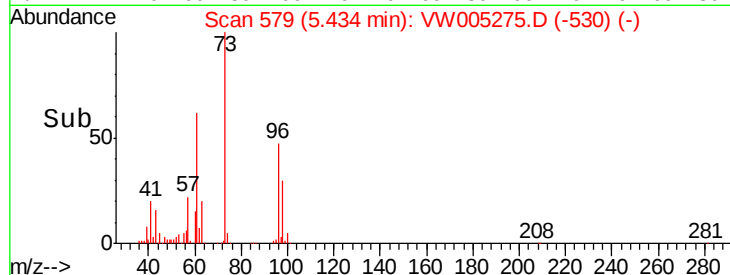
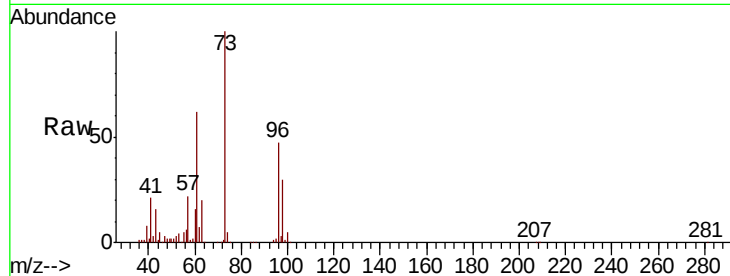
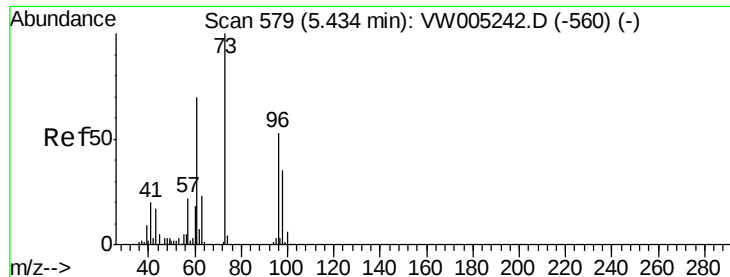
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#18
Methyl Acetate
Concen: 53.22 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	21.4	32.2





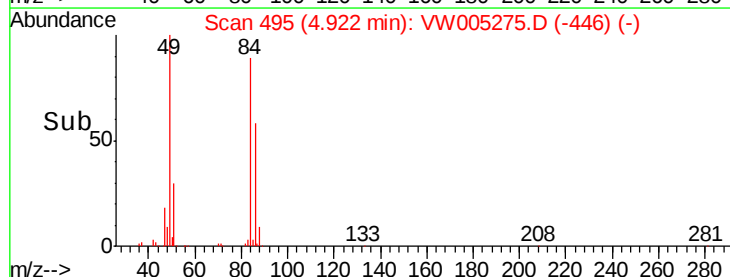
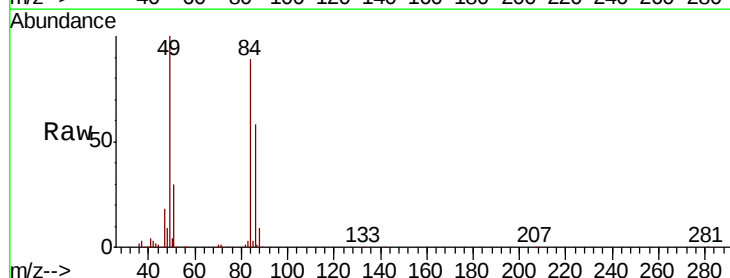
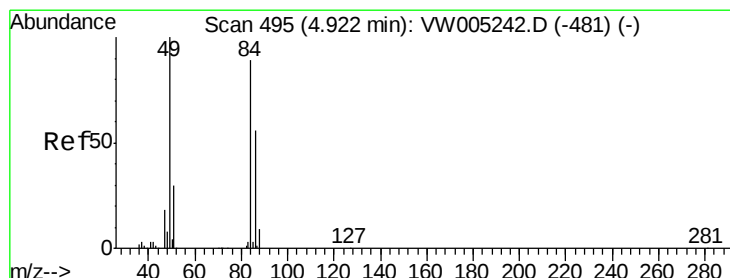
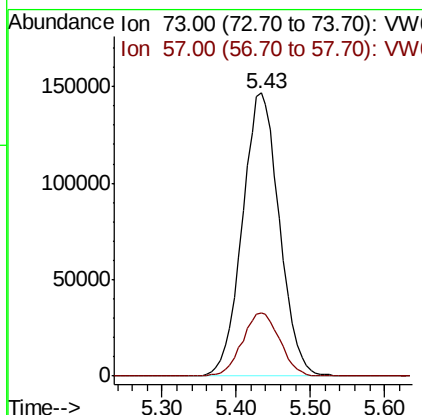
#19
Methvl tert-butvl Ether
Concen: 57.92 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tot Ion	73	Resp	509853
Ion Ratio	100	Lower	Upper
73	100		
57	22.3	17.4	26.2

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

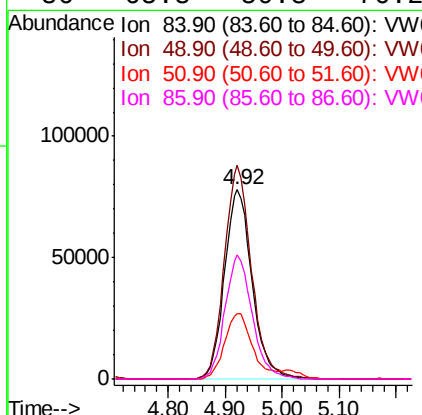
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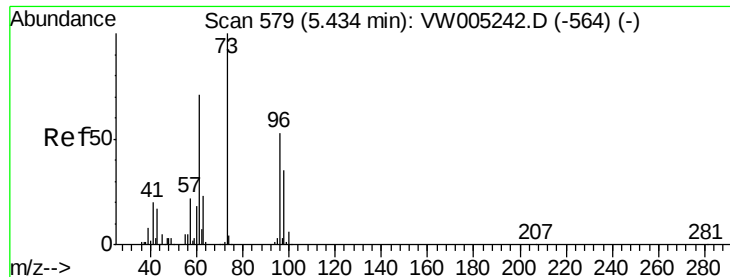
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#20
Methylene Chloride
Concen: 54.82 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	84	Resp	263109
Ion Ratio	100	Lower	Upper
84	100		
49	112.8	90.3	135.5
51	34.3	26.9	40.3
86	65.8	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 49.29 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

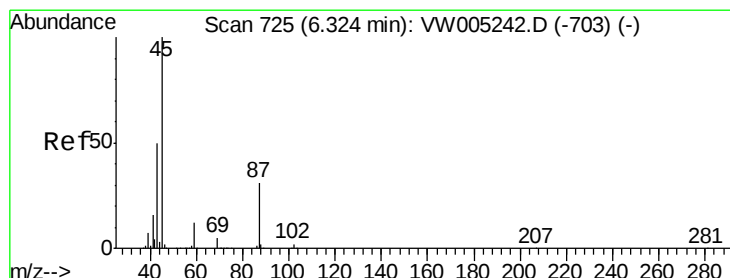
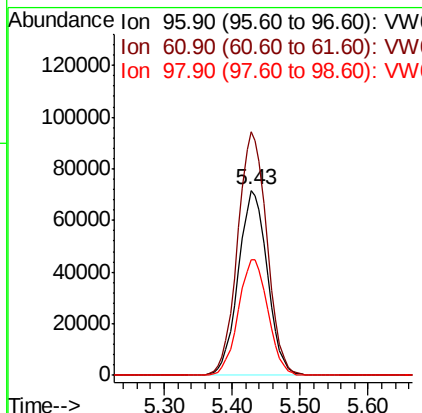
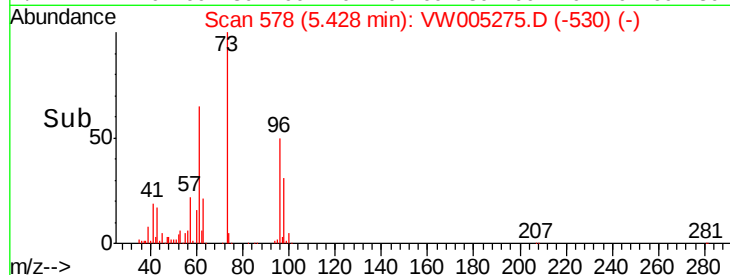
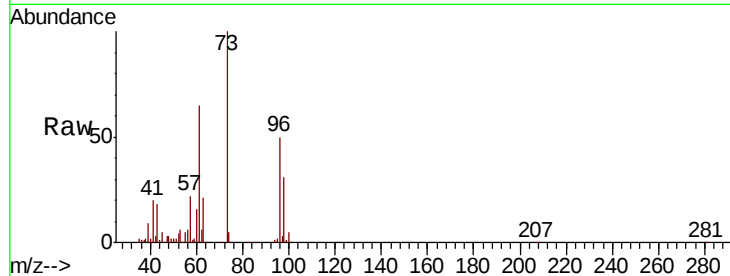
ClientSampleId :

EP1-Q2-J6MSD

Tot Ion:	96	Resp:	212695
Ion Ratio	Lower	Upper	
96	100		
61	131.5	105.7	158.5
98	62.3	52.8	79.2

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#22

Diisopropyl ether

Concen: 51.61 ug/l

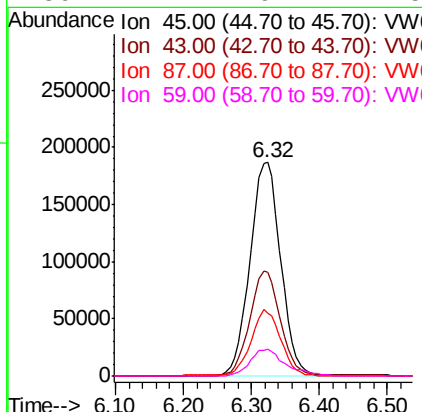
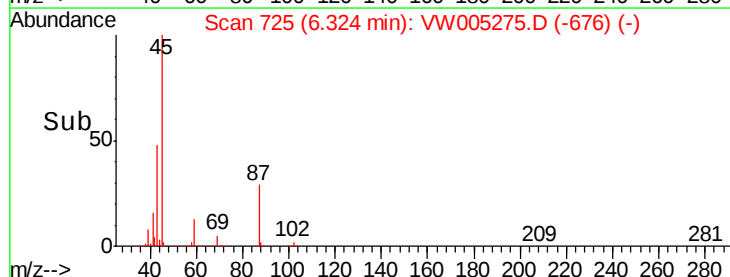
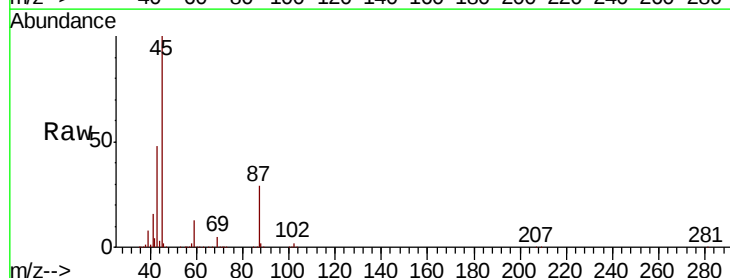
RT: 6.32 min Scan# 725

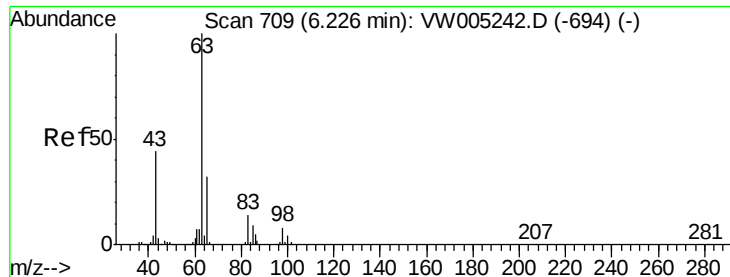
Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion:	45	Resp:	590028
Ion Ratio	Lower	Upper	
45	100		
43	48.4	39.6	59.4
87	29.3	24.7	37.1
59	12.4	9.7	14.5





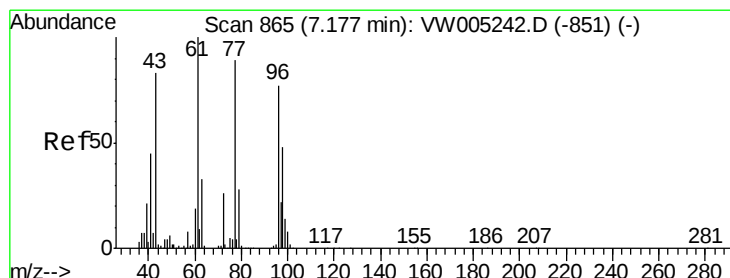
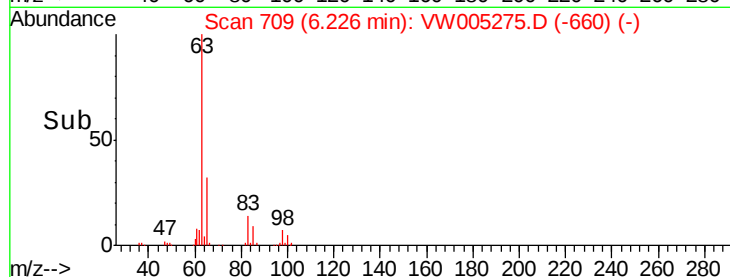
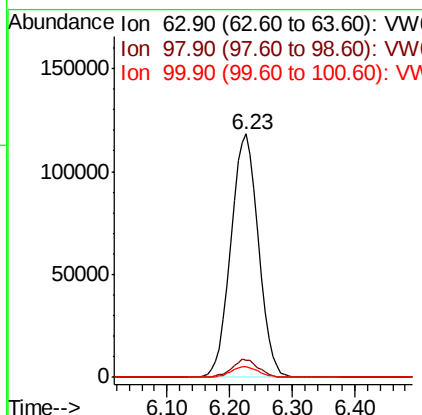
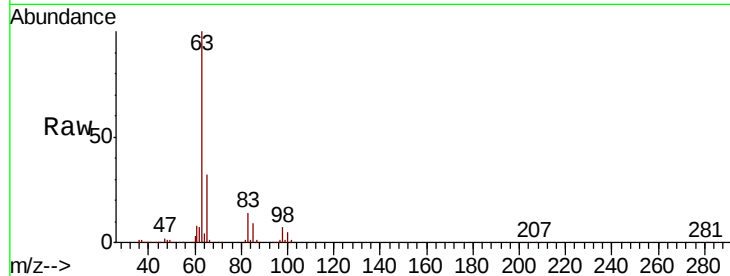
#24
 1,1-Dichloroethane
 Concen: 50.99 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q2-J6MSD

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.8	3.8	11.4	
100	4.6	2.2	6.6	

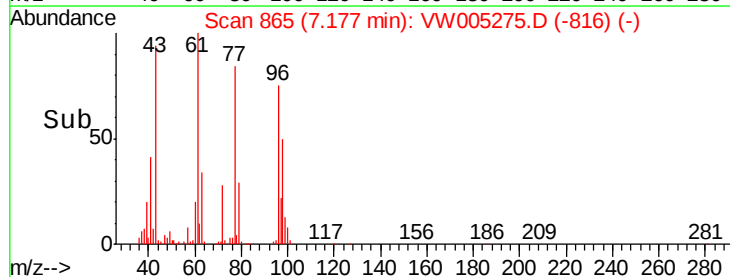
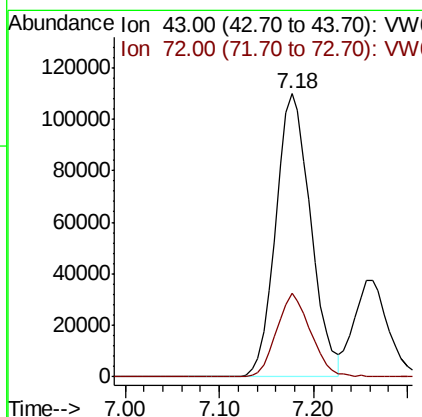
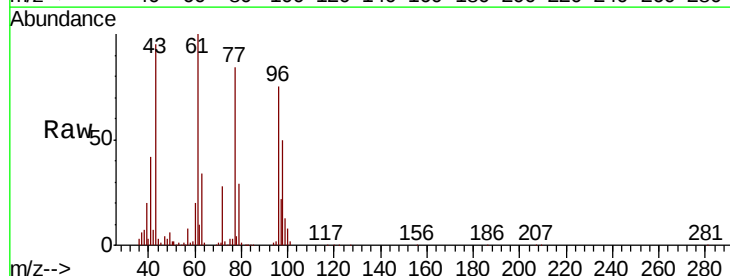
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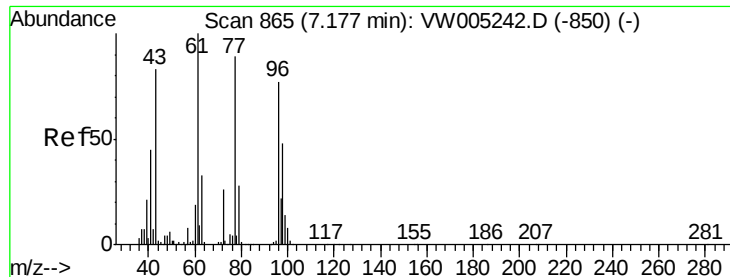
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#25
 2-Butanone
 Concen: 276.18 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
72	29.5	25.0	37.6	





#26

2,2-Dichloropropane

Concen: 47.10 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampled :

EP1-Q2-J6MSD

Tot Ion: 77 Resp: 287416

Ion Ratio Lower Upper

77 100

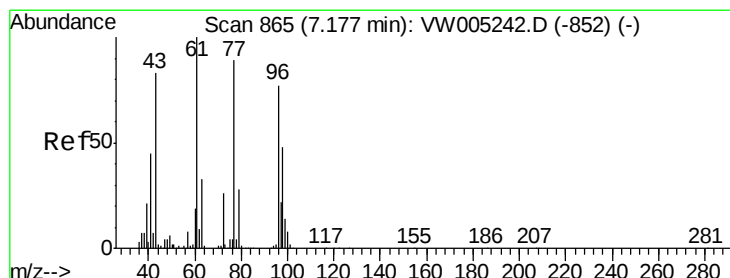
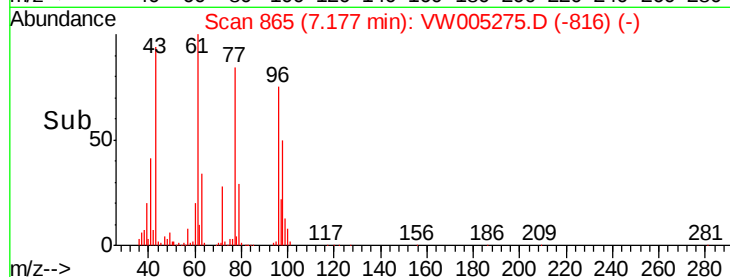
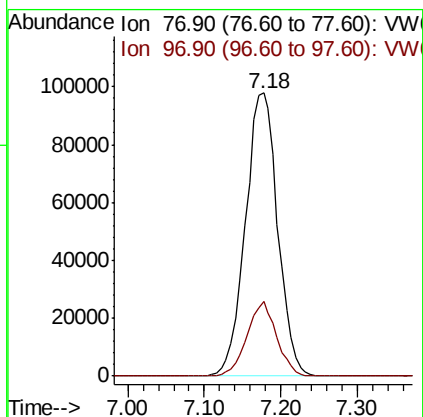
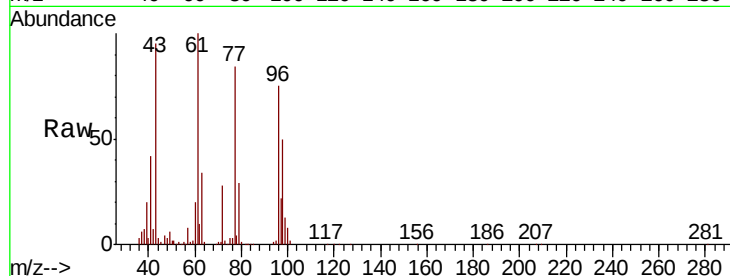
97 24.2 12.2 36.6

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#27

cis-1,2-Dichloroethene

Concen: 50.10 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

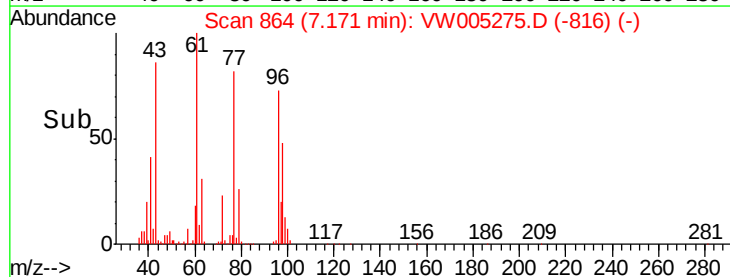
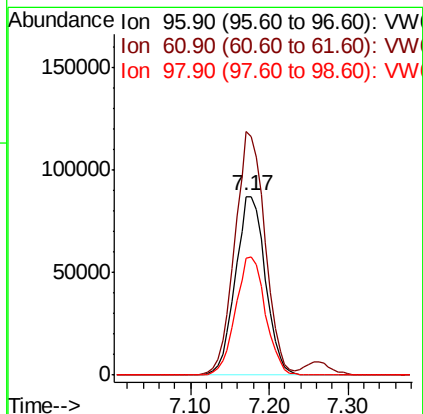
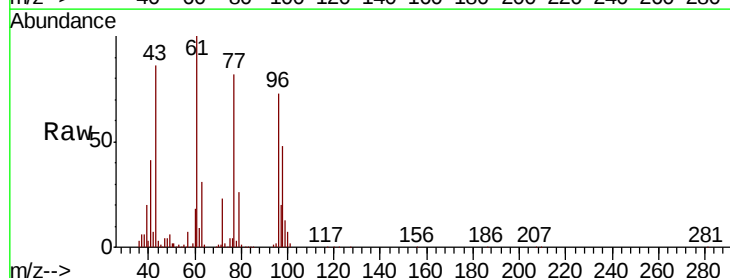
Tgt Ion: 96 Resp: 231367

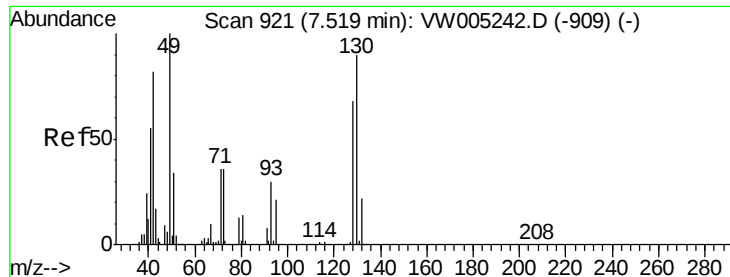
Ion Ratio Lower Upper

96 100

61 136.8 0.0 273.4

98 65.5 0.0 127.8





#28

Bromochloromethane

Concen: 57.27 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q2-J6MSD

Tot Ion: 49 Resp: 148703

Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.0

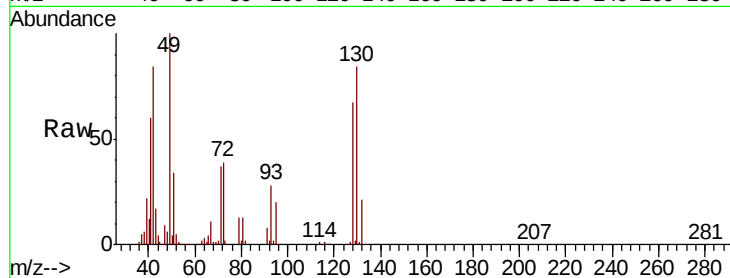
130 88.8 71.2 106.8

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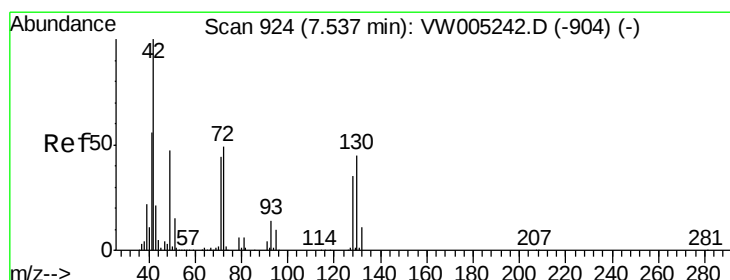
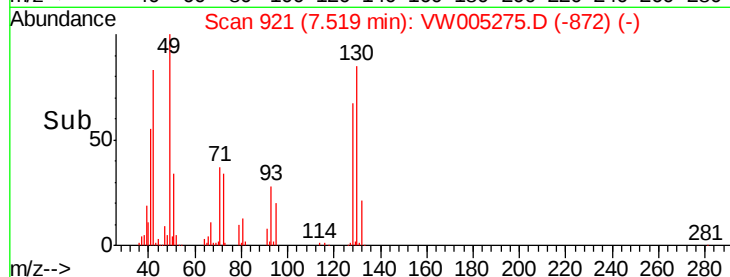
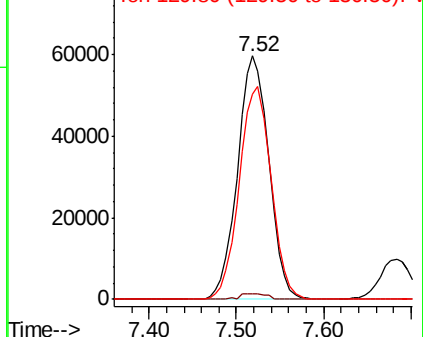
9/12/2018 10:29:26 AM



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): VW

Ion 129.80 (129.50 to 130.50): VW



#29

Tetrahydrofuran

Concen: 305.43 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

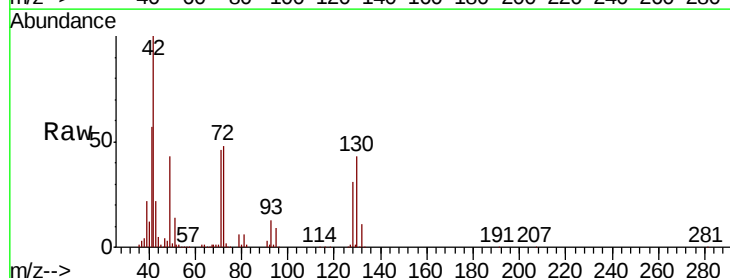
Tgt Ion: 42 Resp: 210904

Ion Ratio Lower Upper

42 100

72 47.5 37.5 56.3

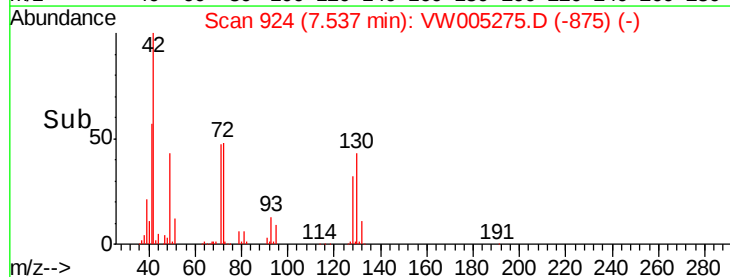
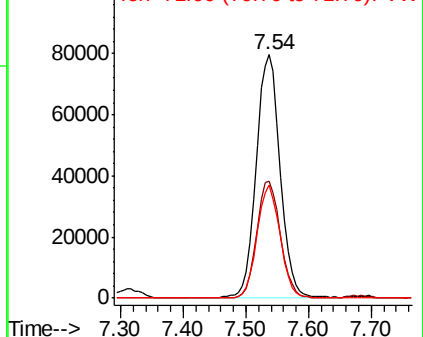
71 44.6 34.8 52.2

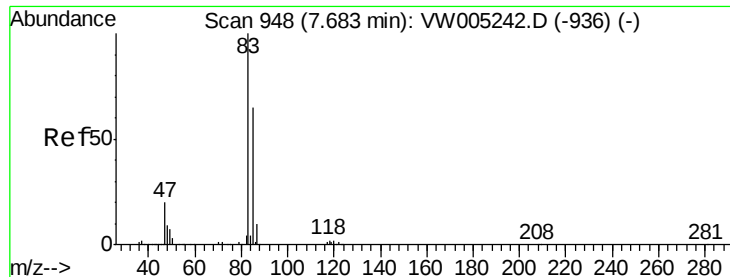


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





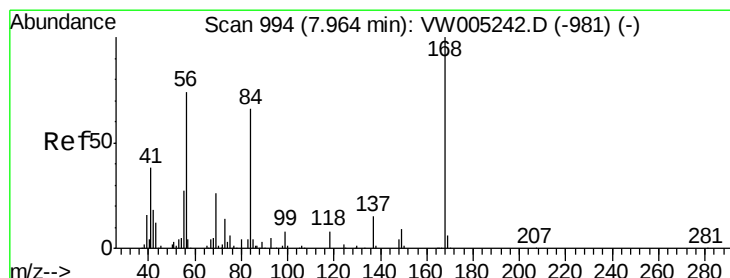
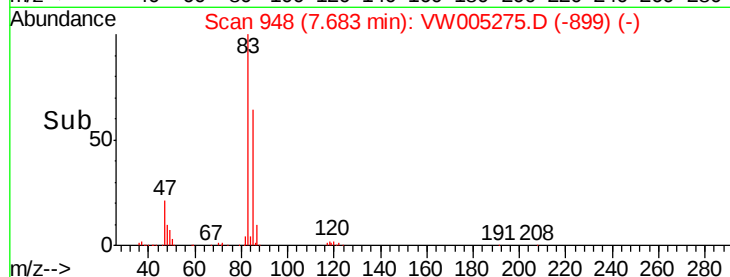
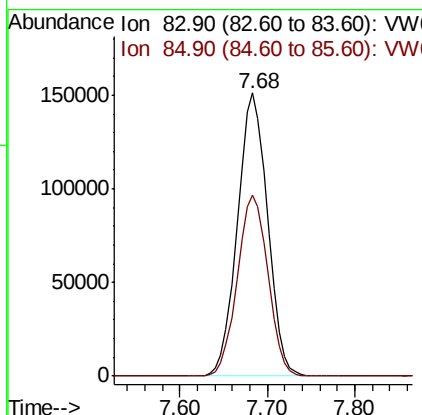
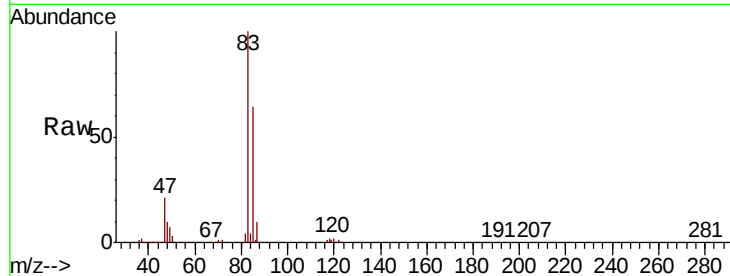
#30
Chloroform
Concen: 51.25 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	83	Resp	361975
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.7	77.5

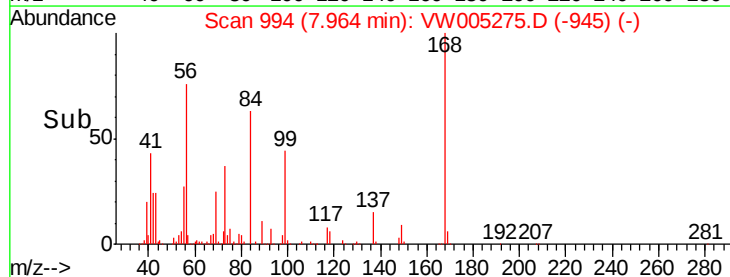
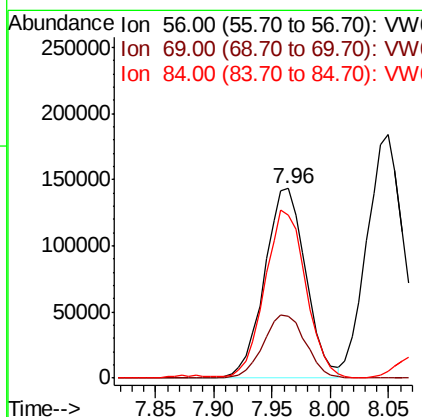
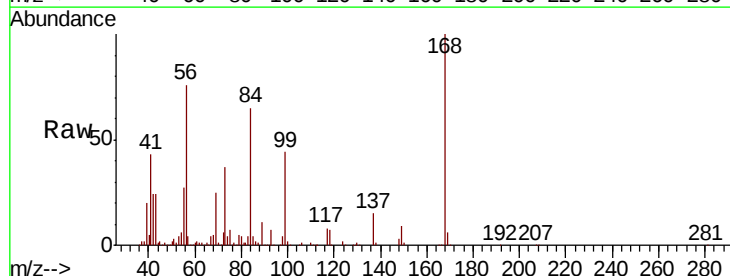
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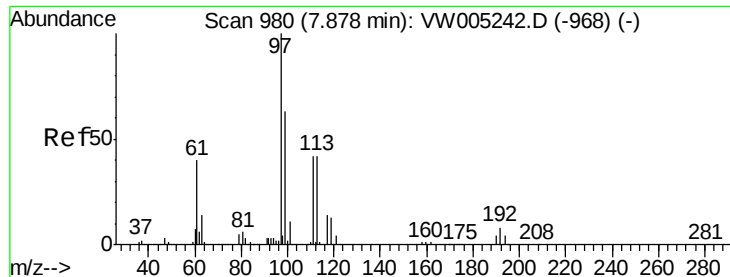
apatel
9/12/2018 10:29:26 AM



#31
Cyclohexane
Concen: 46.91 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	56	Resp	351265
Ion Ratio	Lower	Upper	
56	100		
69	32.5	27.8	41.8
84	85.0	72.1	108.1





#32

1,1,1-Trichloroethane

Concen: 48.67 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

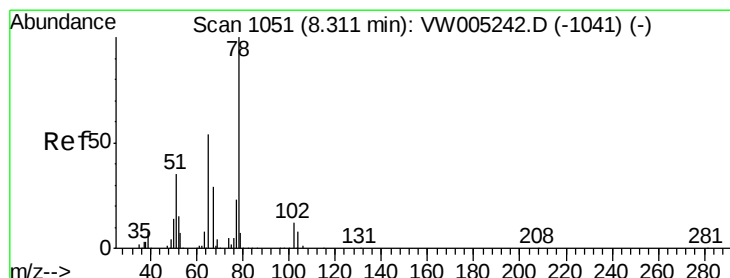
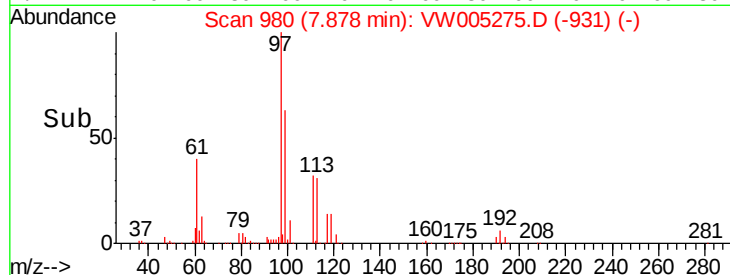
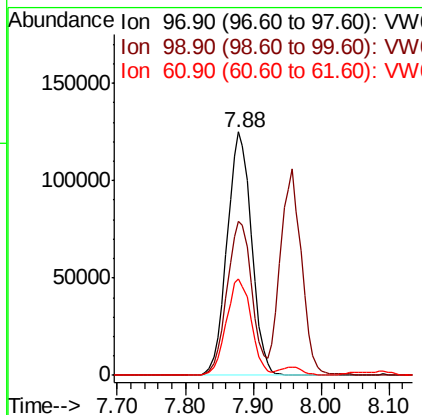
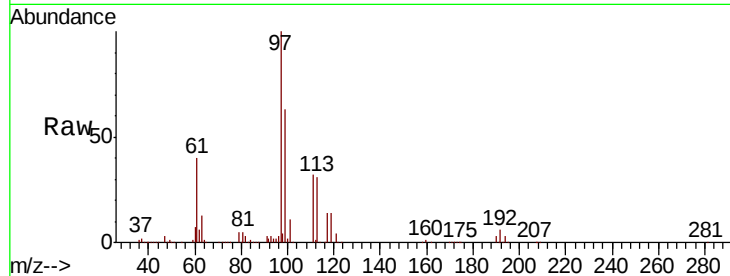
ClientSampleId :

EP1-Q2-J6MSD

Tot Ion:	97	Resp:	310579
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.5	77.3
61	40.4	32.5	48.7

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#33

1,2-Dichloroethane-d4

Concen: 58.29 ug/l

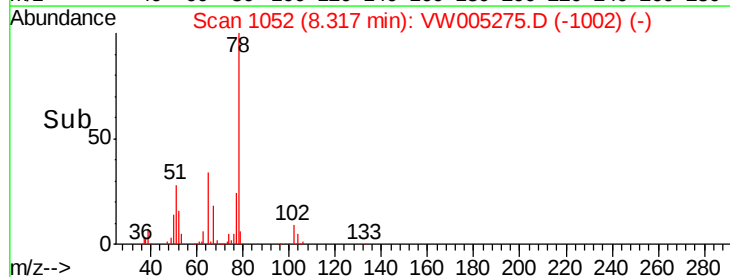
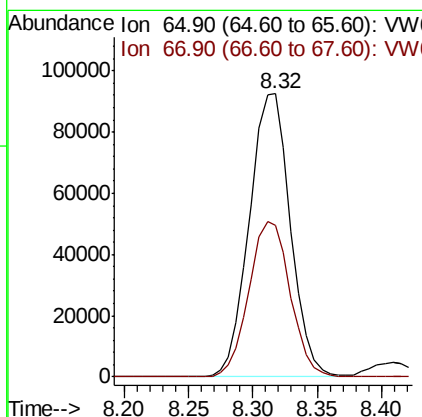
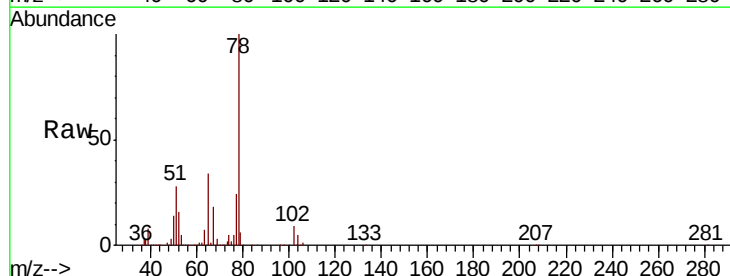
RT: 8.32 min Scan# 1052

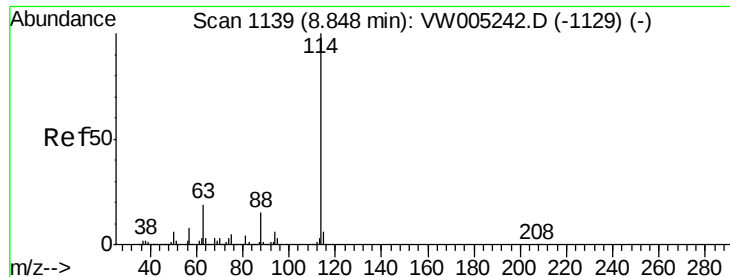
Delta R.T. 0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion:	65	Resp:	204011
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	112.2





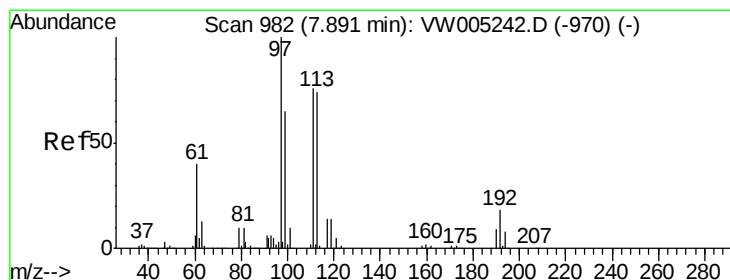
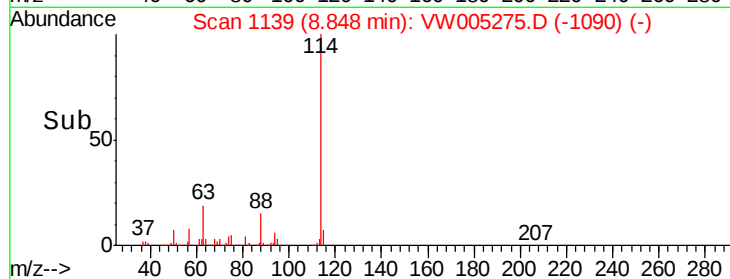
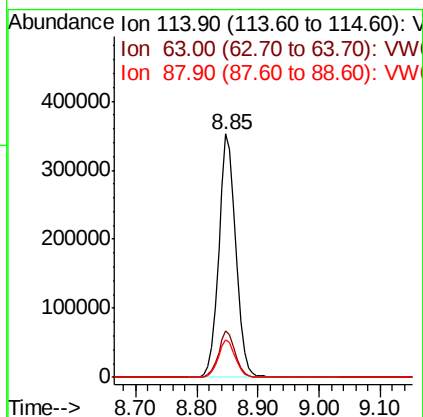
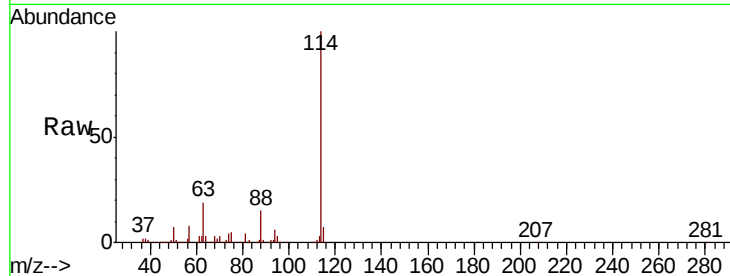
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q2-J6MSD

Tot Ion	Ratio	Resp	Lower	Upper
114	100	682809		
63	19.0		0.0	37.0
88	15.4		0.0	30.4

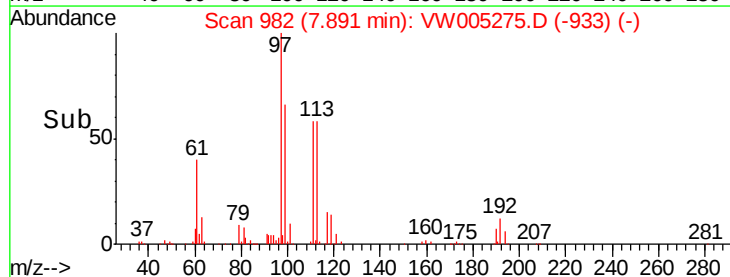
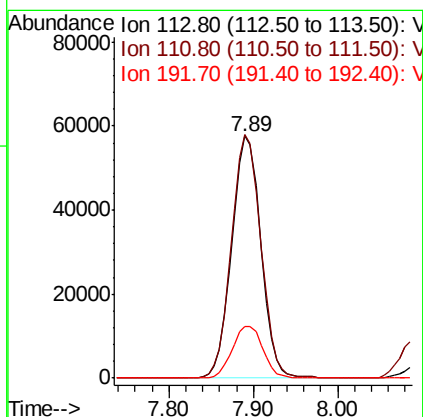
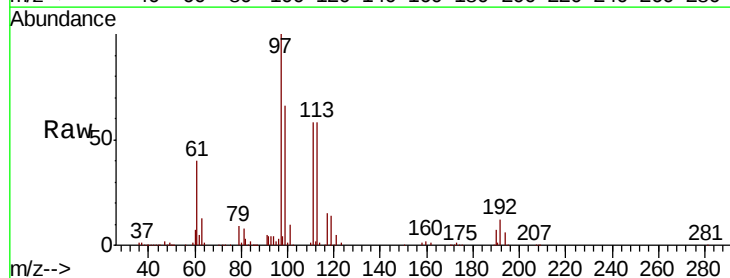
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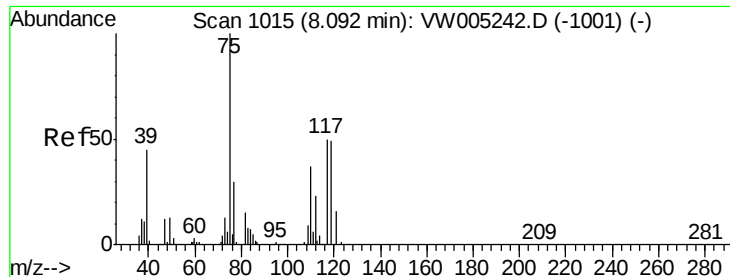
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#35
 Dibromofluoromethane
 Concen: 37.69 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	134792		
111	101.8		80.6	121.0
192	22.3		18.3	27.5





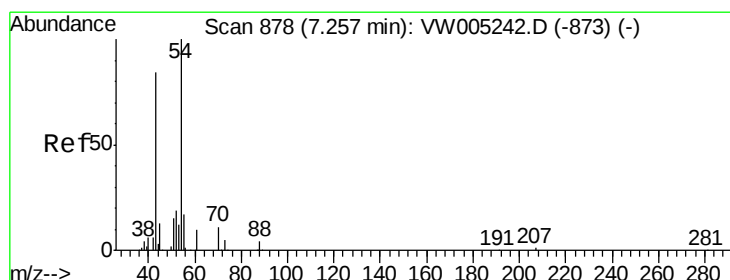
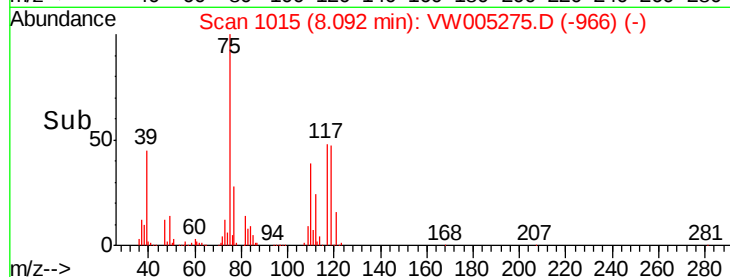
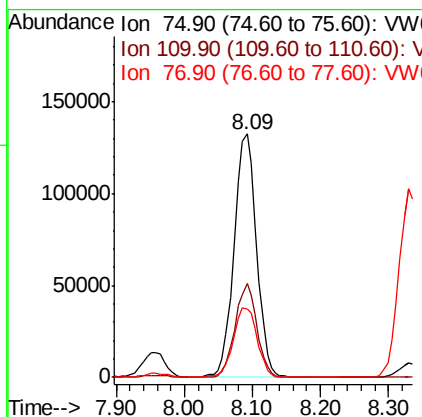
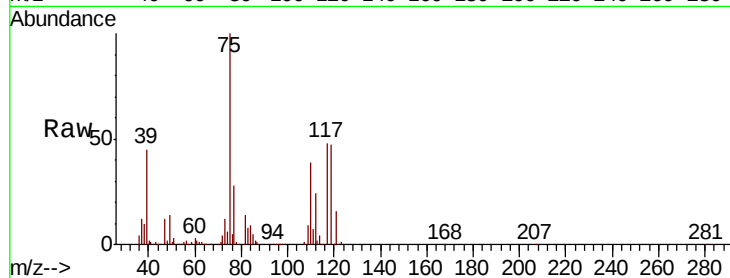
#36
 1,1-Dichloropropene
 Concen: 48.50 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q2-J6MSD

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.4	18.8	56.4	
77	30.4	24.9	37.3	

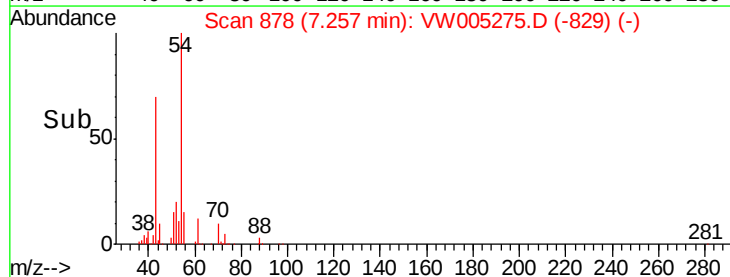
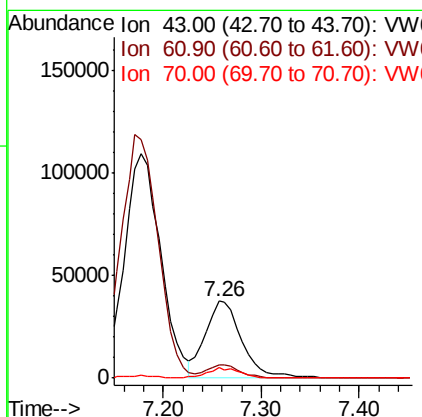
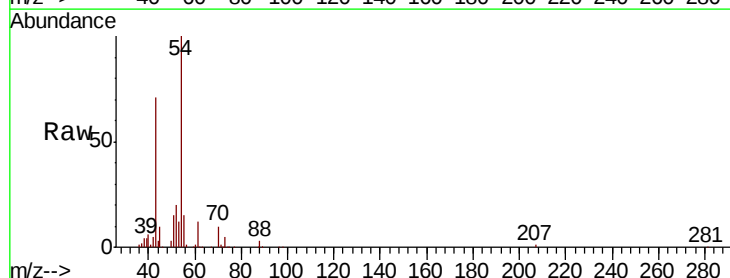
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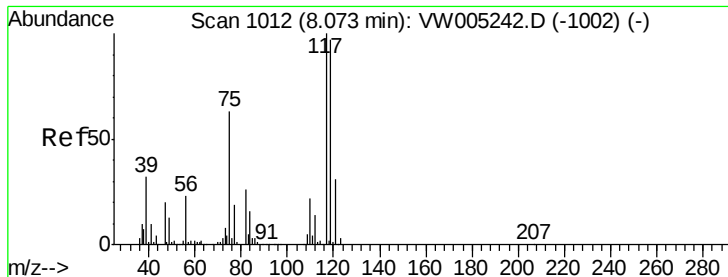
apatel
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#37
 Ethyl Acetate
 Concen: 40.45 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	16.2	12.3	18.5	
70	12.1	9.5	14.3	





#38

Carbon Tetrachloride

Concen: 46.19 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

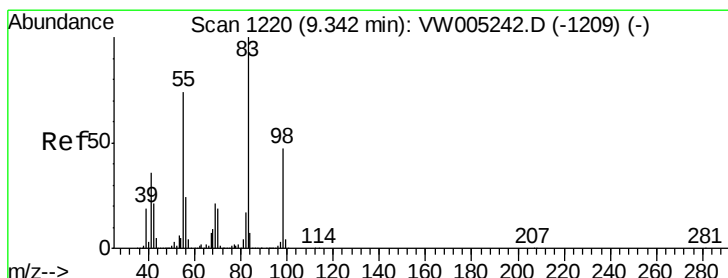
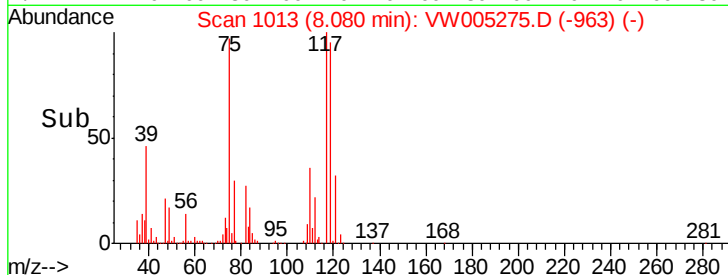
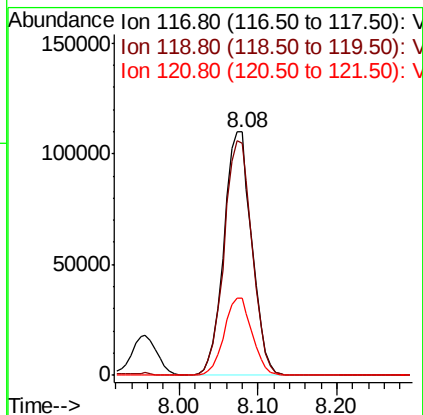
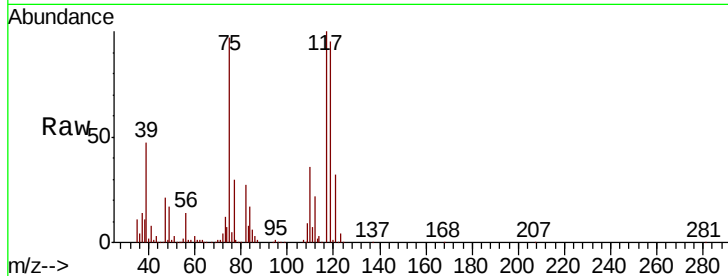
ClientSampled :

EP1-Q2-J6MSD

Tot Ion:	117	Resp:	270694
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.5	116.3
121	31.6	24.7	37.1

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#39

Methylcyclohexane

Concen: 43.33 ug/l

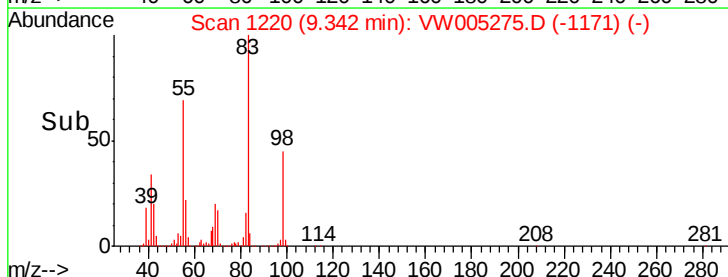
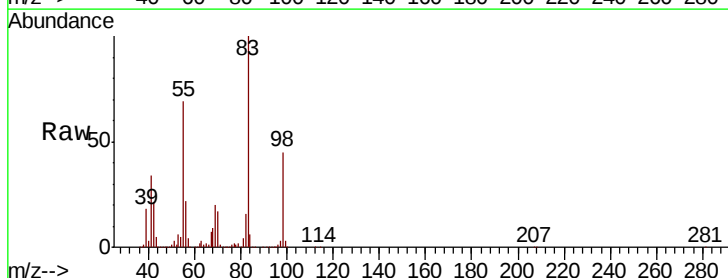
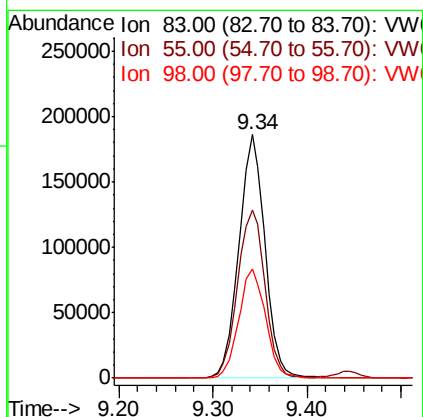
RT: 9.34 min Scan# 1220

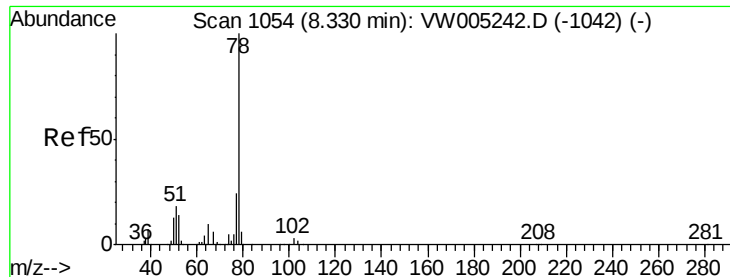
Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion:	83	Resp:	359912
Ion Ratio	Lower	Upper	
83	100		
55	69.1	58.9	88.3
98	44.8	37.6	56.4





#40

Benzene

Concen: 51.46 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q2-J6MSD

Tot Ion: 78 Resp: 948333

Ion Ratio Lower Upper

78 100

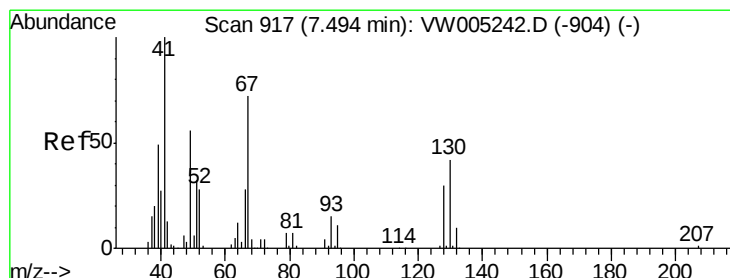
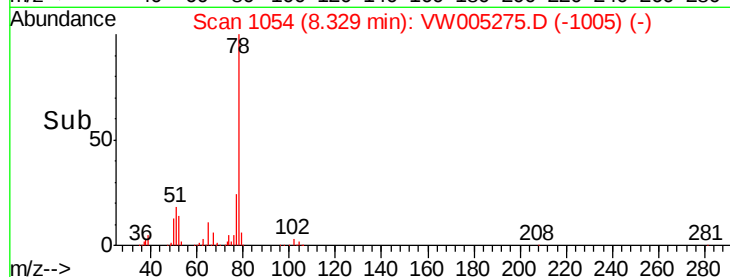
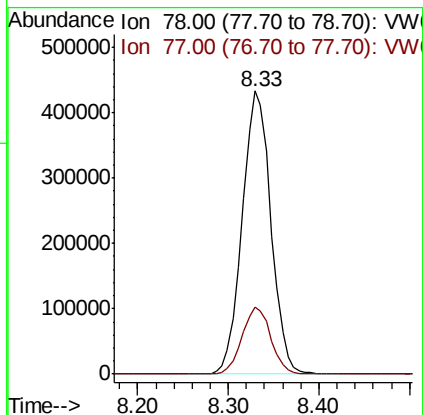
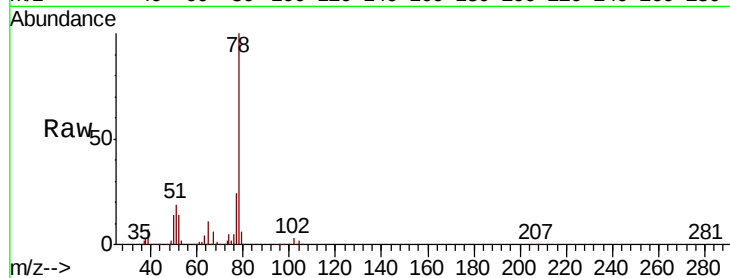
77 23.7 18.9 28.3

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#41

Methacrylonitrile

Concen: 61.94 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion: 41 Resp: 75618

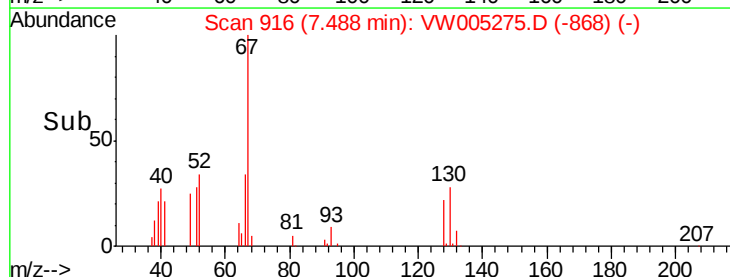
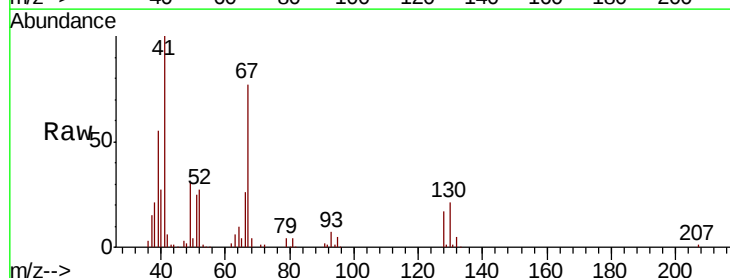
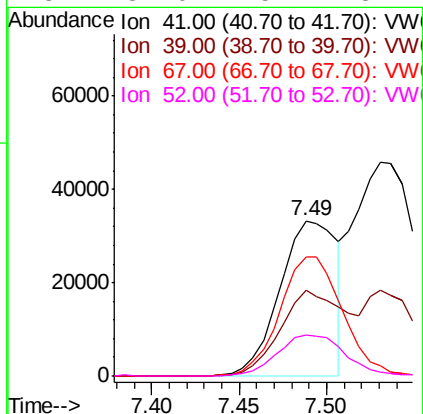
Ion Ratio Lower Upper

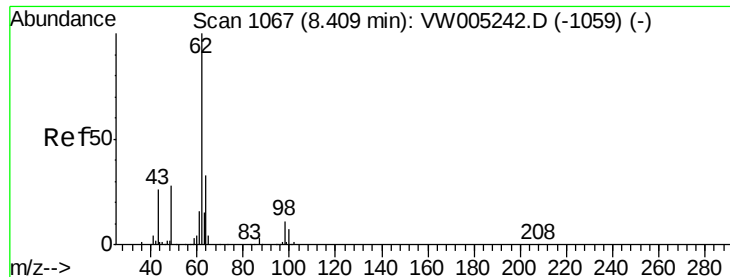
41 100

39 65.9 39.9 59.9#

67 85.0 65.7 98.5

52 32.0 25.1 37.7





#42

1,2-Dichloroethane

Concen: 53.02 ug/l

RT: 8.41 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q2-J6MSD

Tot Ion: 62 Resp: 233763

Ion Ratio Lower Upper

62 100

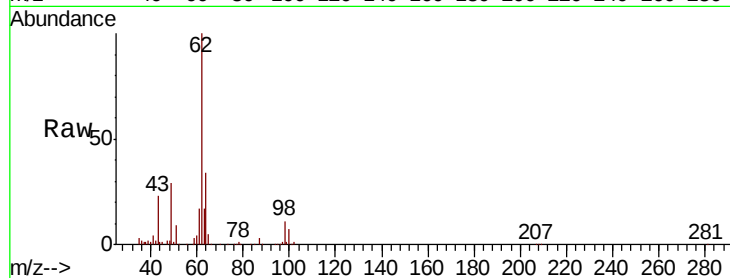
98 10.7 0.0 22.0

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Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

8.41

120000

100000

80000

60000

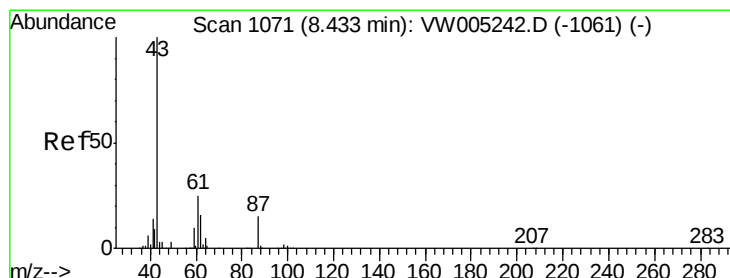
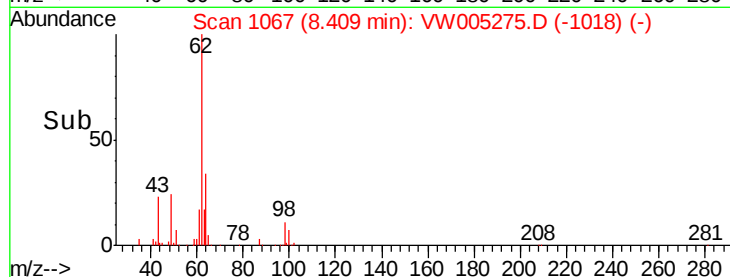
40000

20000

0

8.30 8.40 8.50 8.60

Time-->



#43

Isopropyl Acetate

Concen: 55.40 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

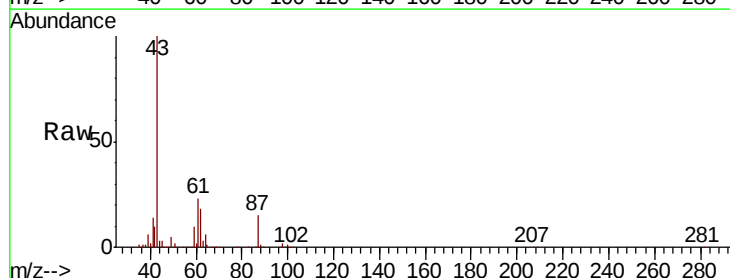
Tgt Ion: 43 Resp: 244770

Ion Ratio Lower Upper

43 100

61 33.4 25.4 38.0

87 14.8 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW

150000

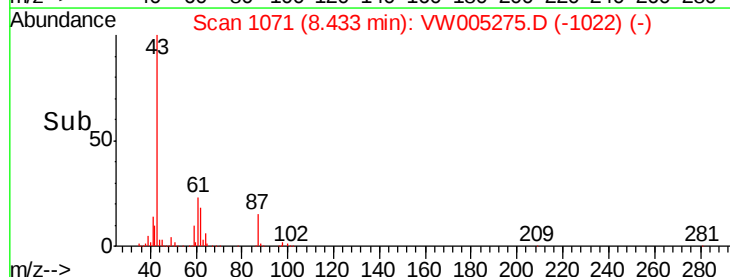
100000

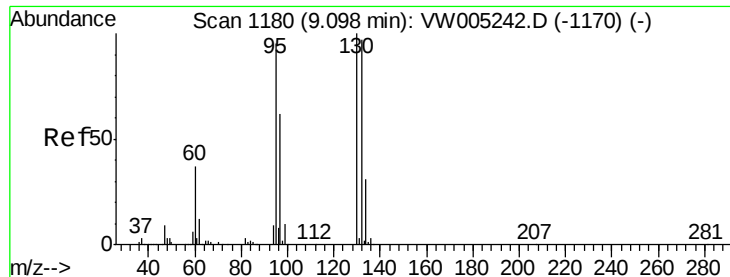
50000

0

8.30 8.40 8.50 8.60

Time-->





#44

Trichloroethene

Concen: 84.91 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q2-J6MSD

Tot Ion:130 Resp: 429291

Ion Ratio Lower Upper

130 100

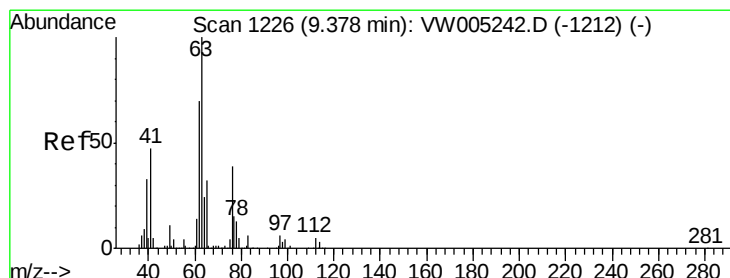
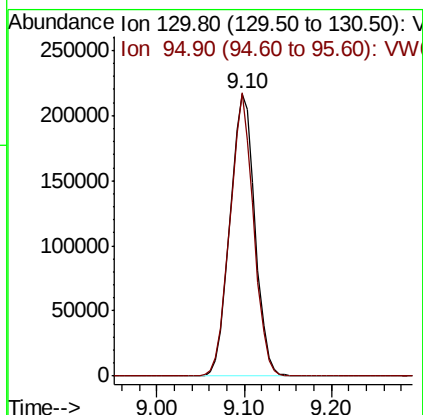
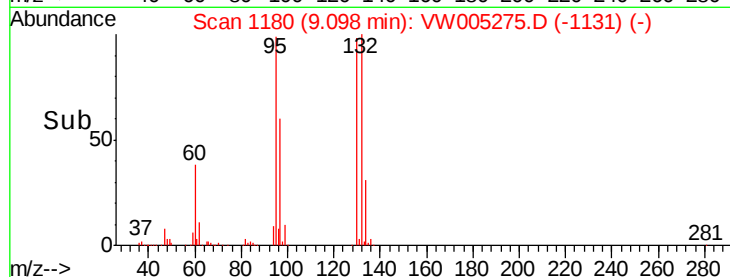
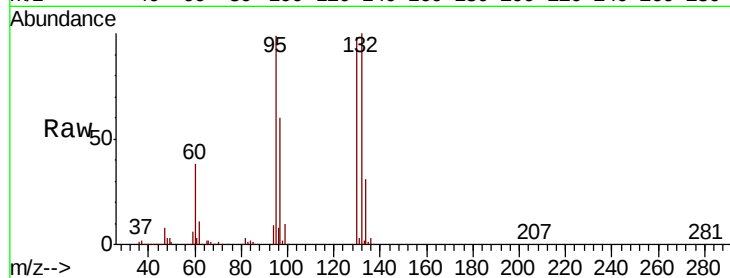
95 100.3 0.0 189.6

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#45

1,2-Dichloropropane

Concen: 50.84 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005275.D

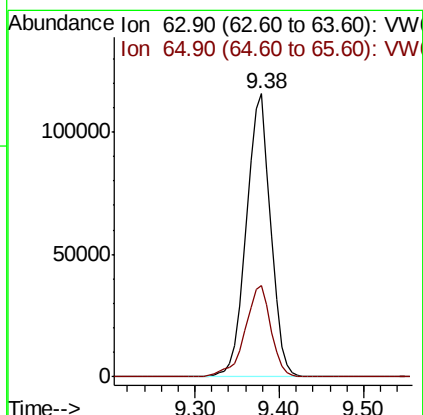
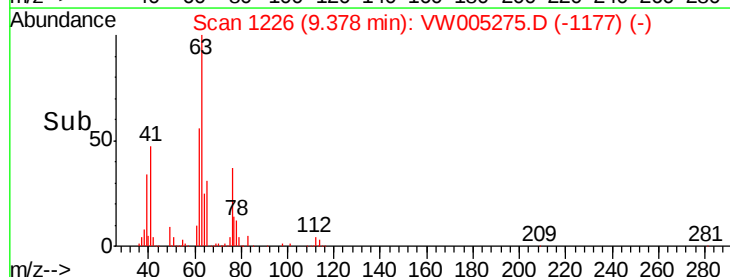
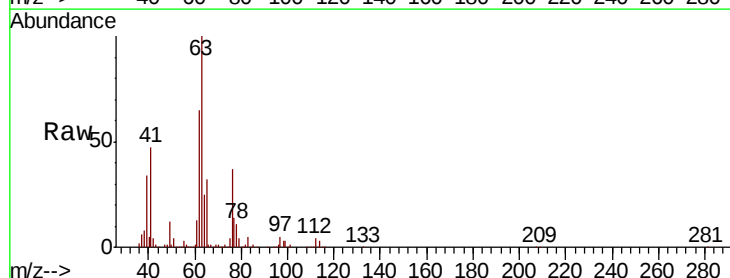
Acq: 11 Sep 2018 15:02

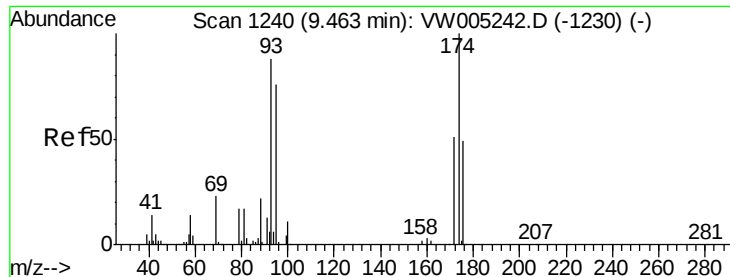
Tgt Ion: 63 Resp: 225217

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.2





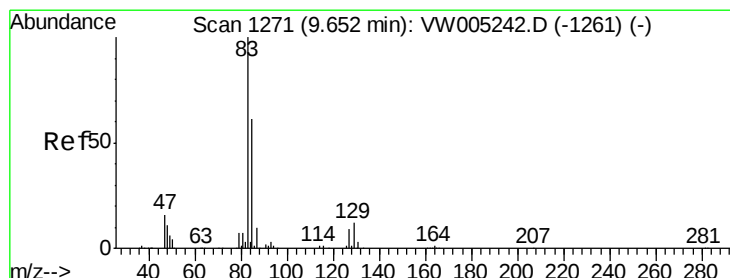
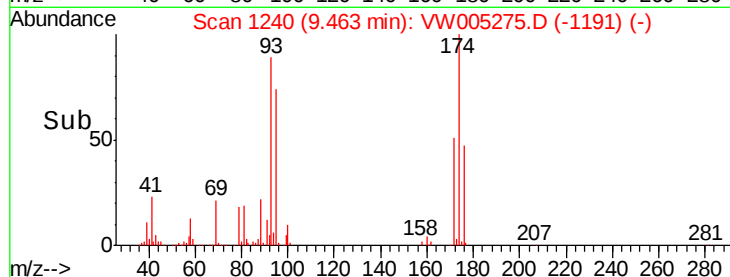
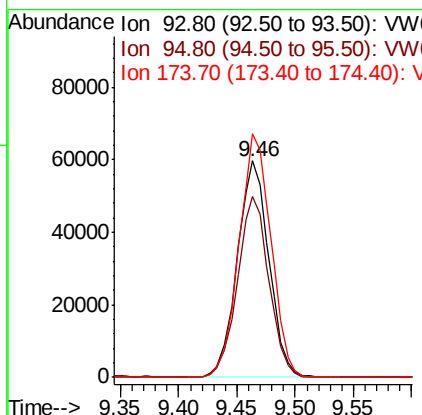
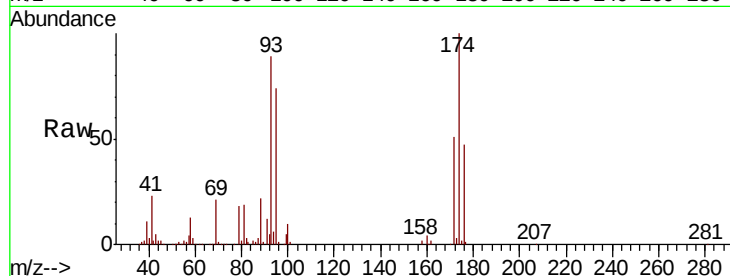
#46
Dibromomethane
Concen: 52.08 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	83.0	67.0	100.4	
174	113.8	92.2	138.2	

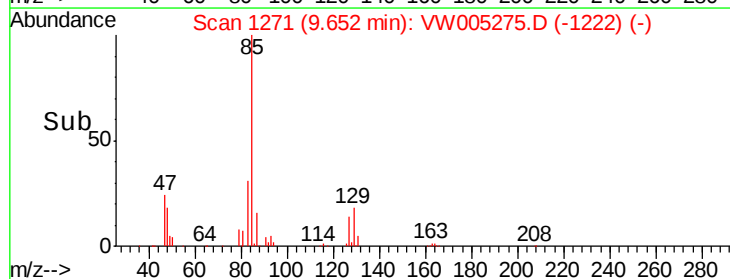
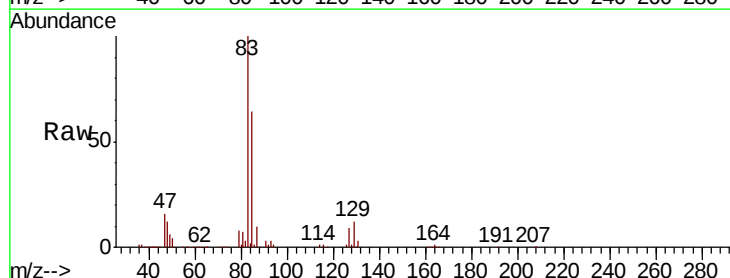
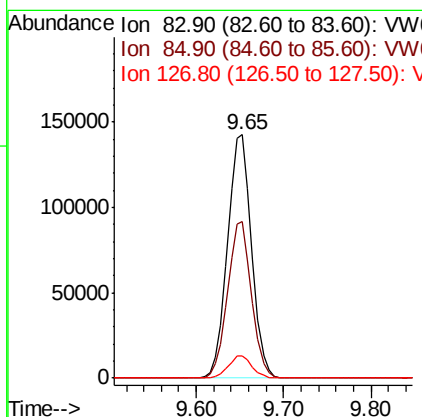
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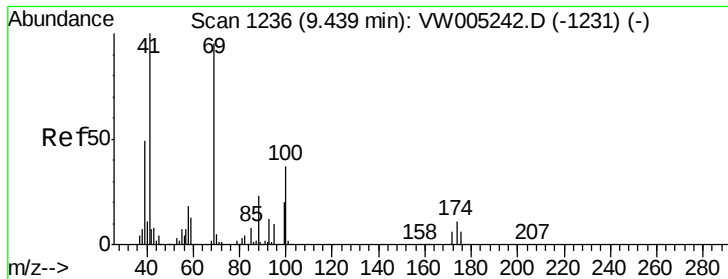
apatel
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#47
Bromodichloromethane
Concen: 51.21 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.4	49.0	73.6	
127	9.1	7.0	10.4	





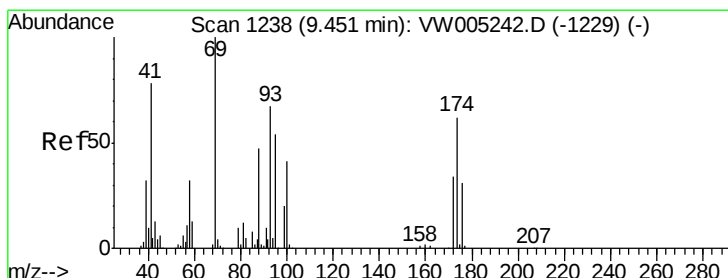
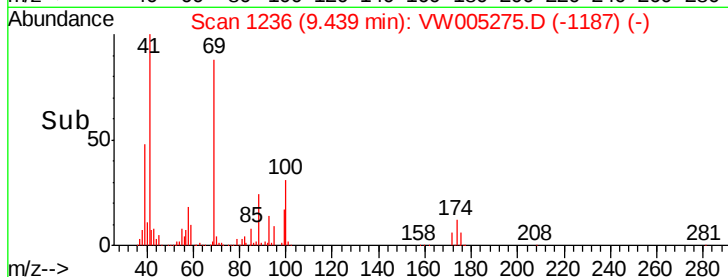
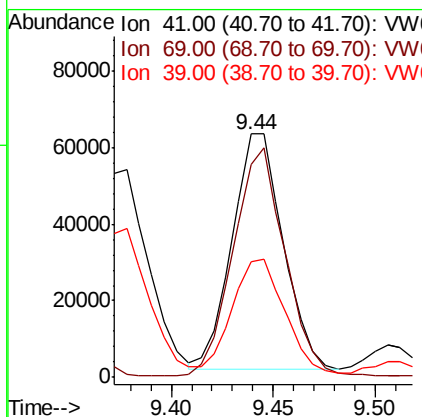
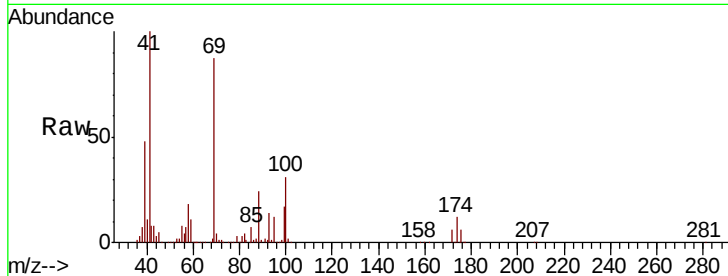
#48
Methvl methacrylate
Concen: 46.69 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	Ratio	Resp	Lower	Upper
41	100	107109		
69	99.1	74.6	112.0	
39	53.6	36.7	55.1	

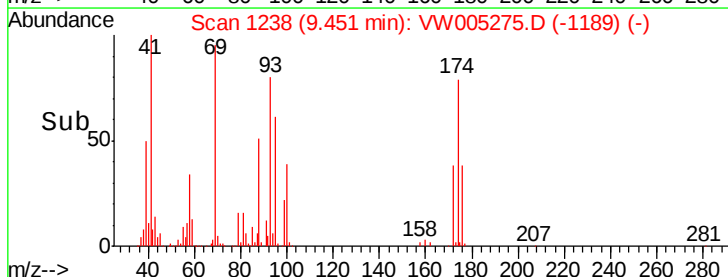
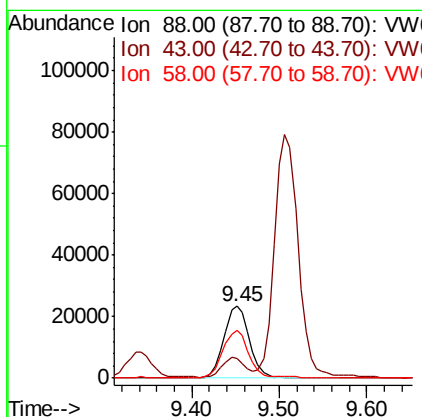
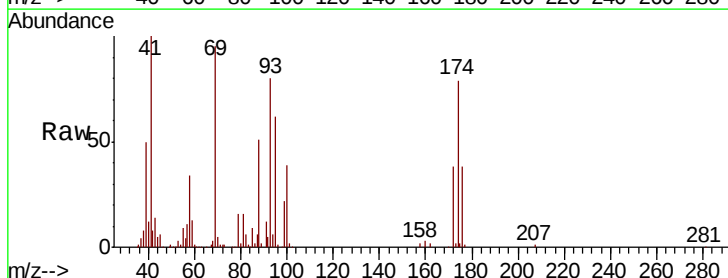
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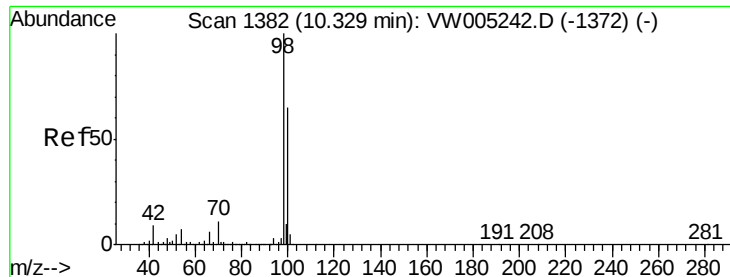
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#49
1,4-Dioxane
Concen: 1166.18 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	47212		
43	25.8	22.7	34.1	
58	65.9	56.6	85.0	





#50

Toluene-d8

Concen: 54.59 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q2-J6MSD

Tot Ion: 98 Resp: 986678

Ion Ratio Lower Upper

98 100

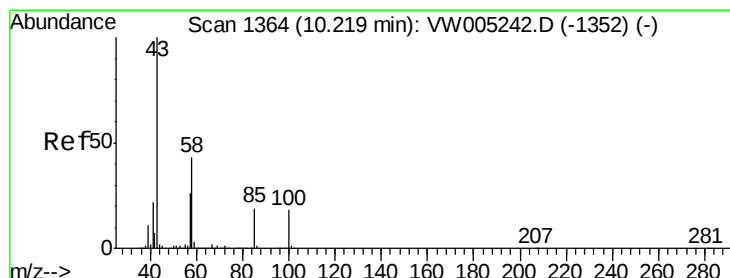
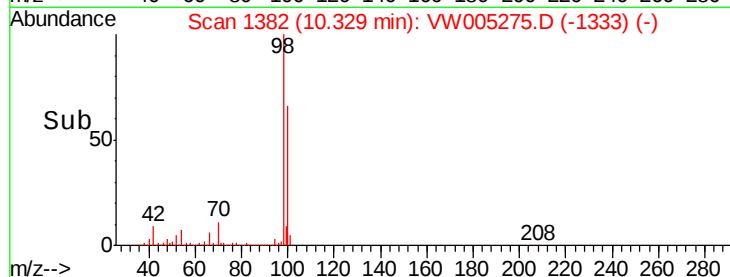
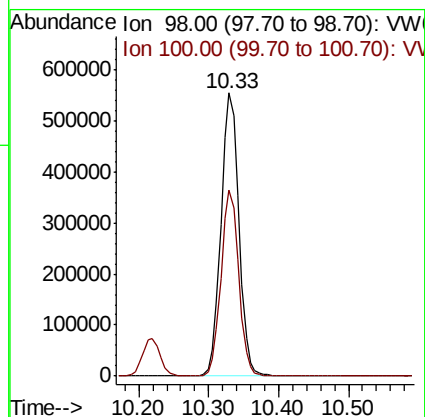
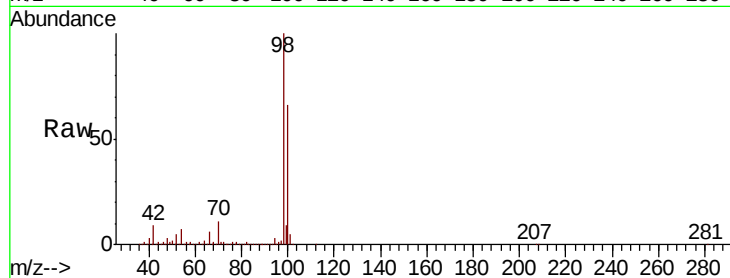
100 65.1 52.0 78.0

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#51

4-Methyl-2-Pentanone

Concen: 305.43 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005275.D

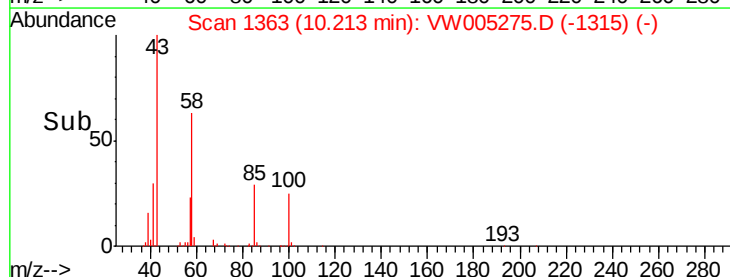
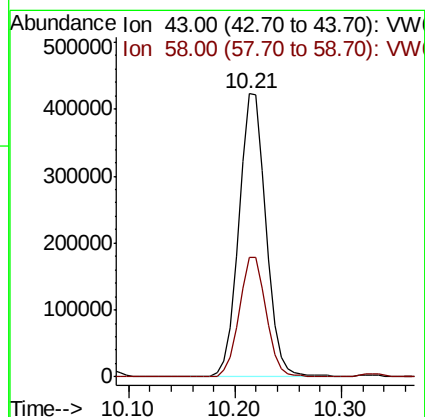
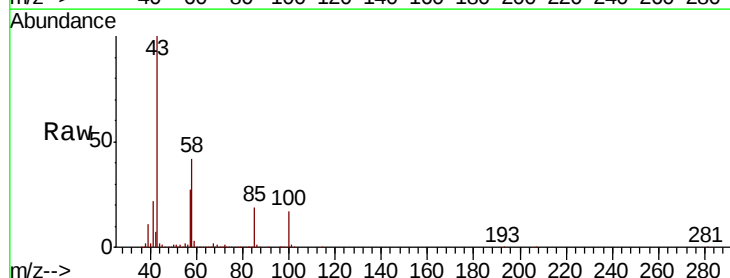
Acq: 11 Sep 2018 15:02

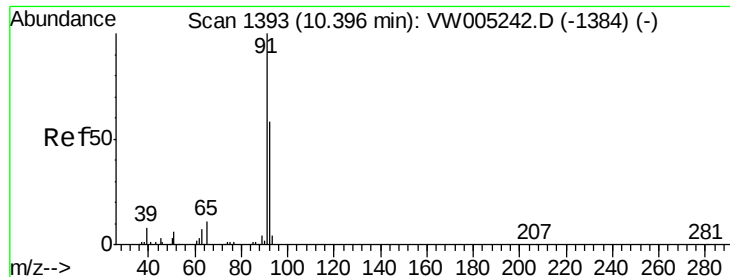
Tgt Ion: 43 Resp: 759469

Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.6





#52

Toluene

Concen: 50.12 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q2-J6MSD

Tot Ion: 92 Resp: 671382

Ion Ratio Lower Upper

92 100

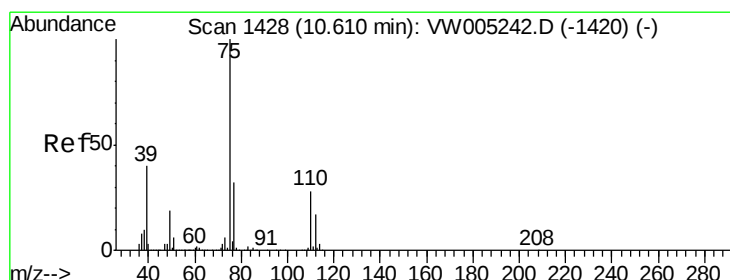
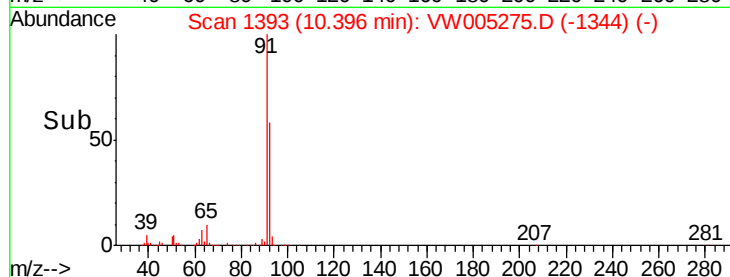
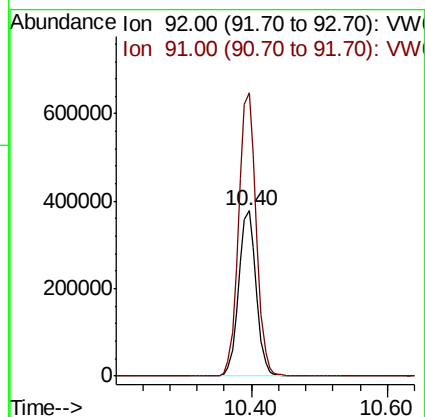
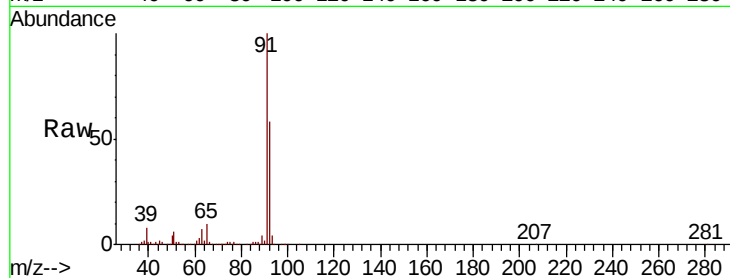
91 172.1 137.4 206.0

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 54.13 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005275.D

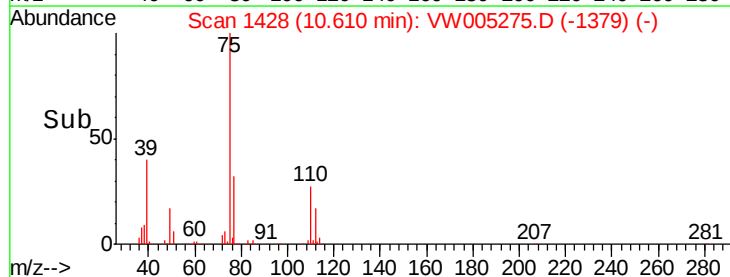
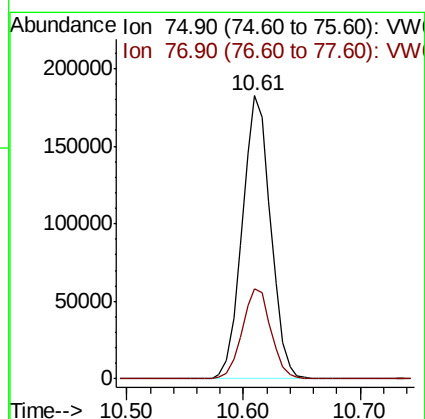
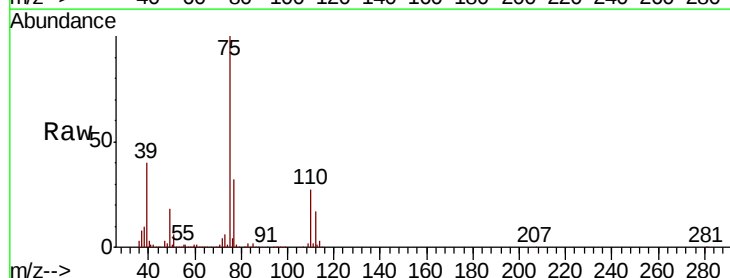
Acq: 11 Sep 2018 15:02

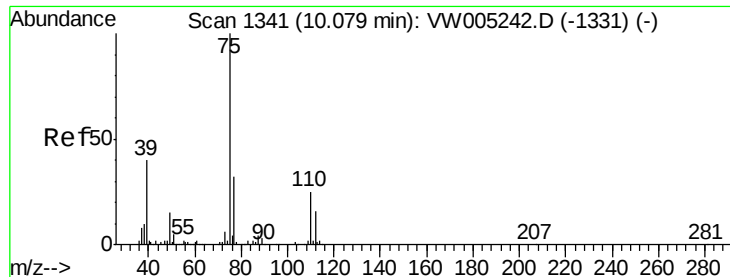
Tgt Ion: 75 Resp: 310307

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8





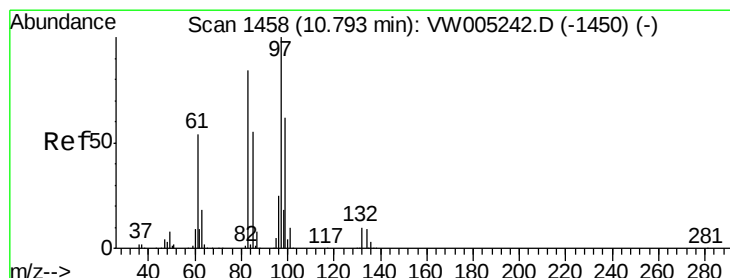
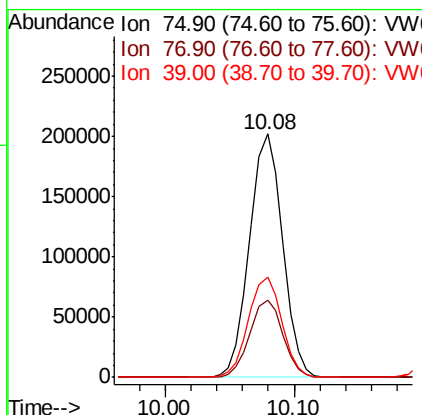
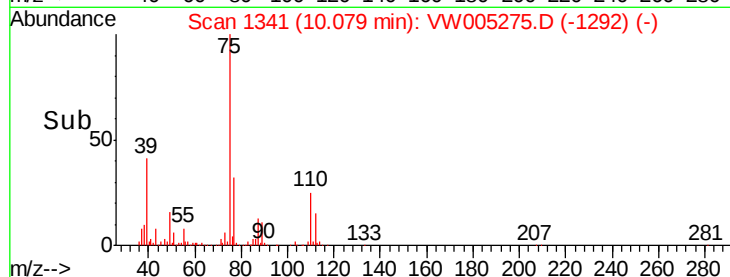
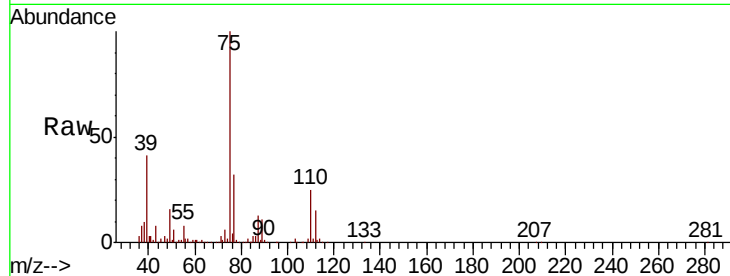
#54
 cis-1,3-Dichloropropene
 Concen: 52.24 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q2-J6MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
39	40.9	31.8	47.6

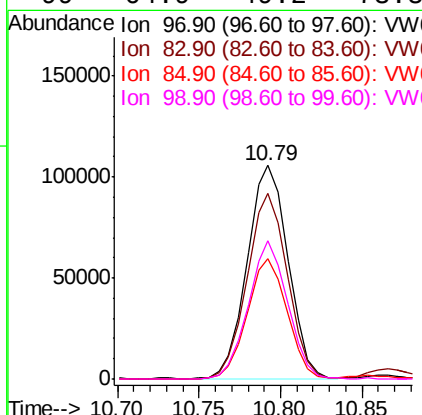
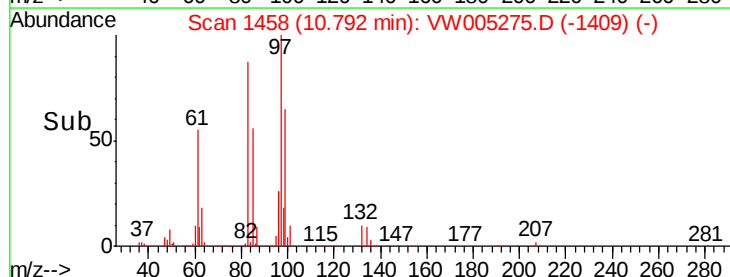
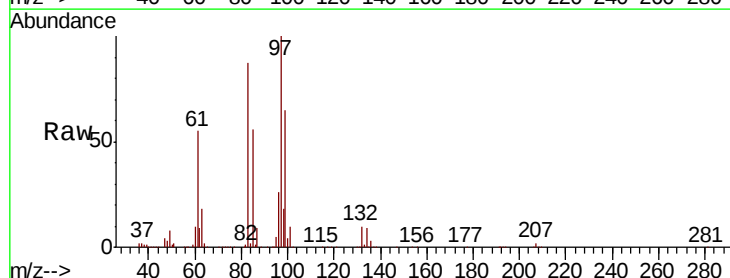
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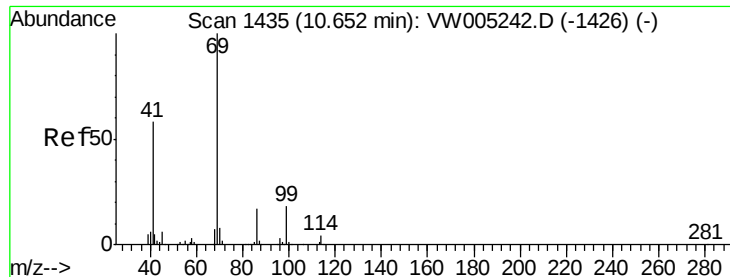
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#55
 1,1,2-Trichloroethane
 Concen: 53.52 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.2	100.8
85	56.2	44.4	66.6
99	64.9	49.2	73.8





#56

Ethyl methacrylate

Concen: 52.98 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

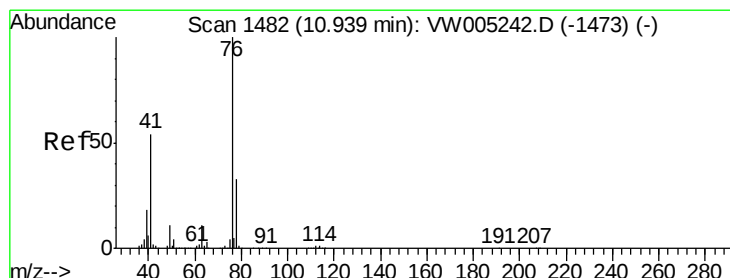
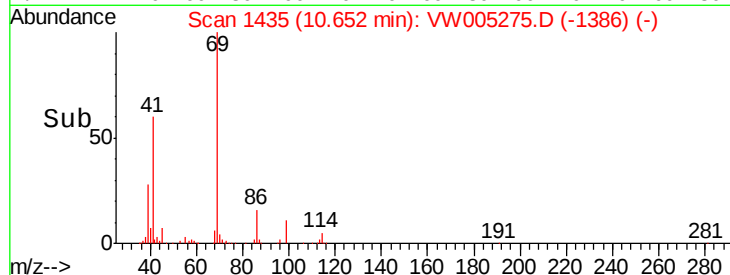
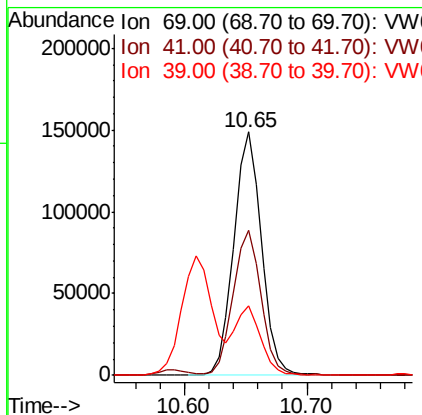
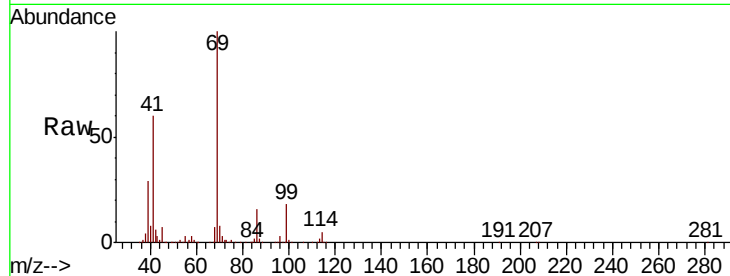
ClientSampleId :

EP1-Q2-J6MSD

Tot Ion:	69	Resp:	232208
Ion Ratio	Lower	Upper	
69	100		
41	60.0	48.7	73.1
39	26.3	20.9	31.3

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#57

1,3-Dichloropropane

Concen: 54.51 ug/l

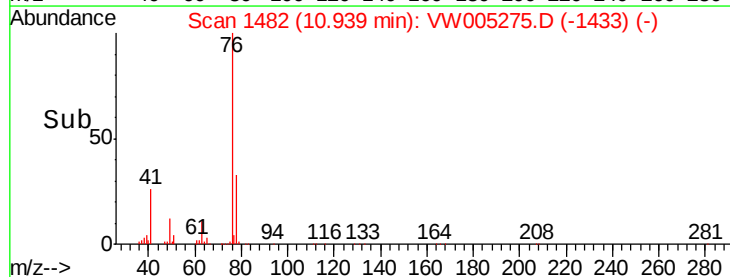
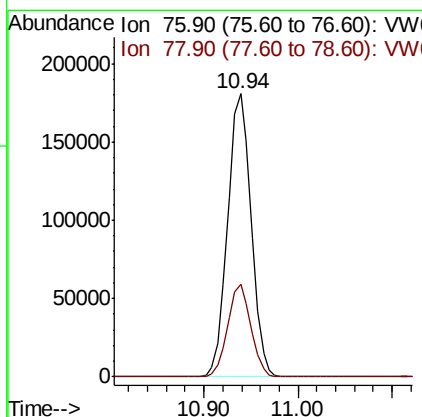
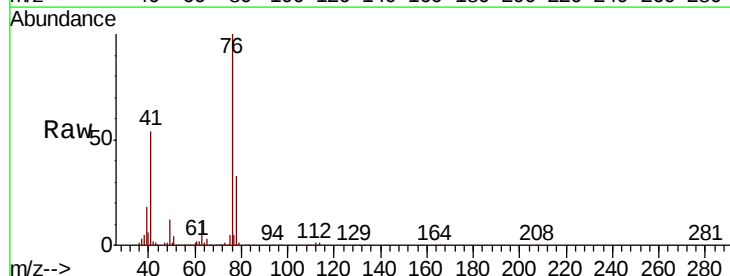
RT: 10.94 min Scan# 1482

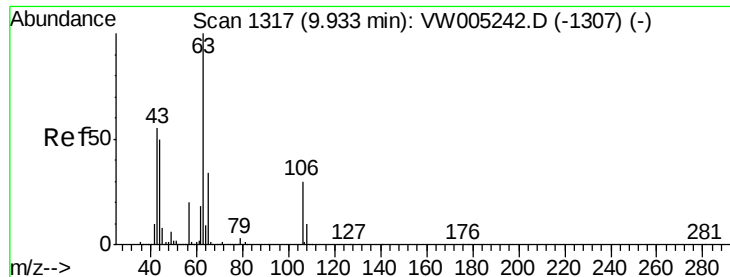
Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion:	76	Resp:	312956
Ion Ratio	Lower	Upper	
76	100		
78	32.3	26.0	39.0





#58

2-Chloroethyl Vinyl ether

Concen: 296.13 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q2-J6MSD

Tot Ion: 63 Resp: 564149

Ion Ratio Lower Upper

63 100

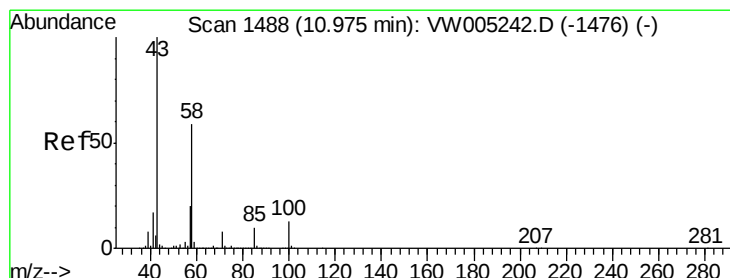
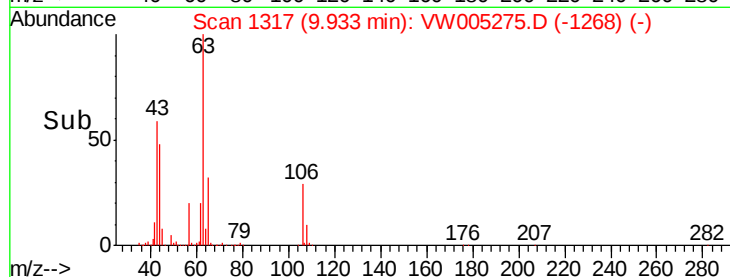
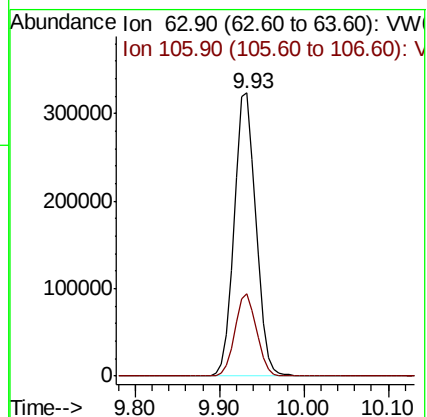
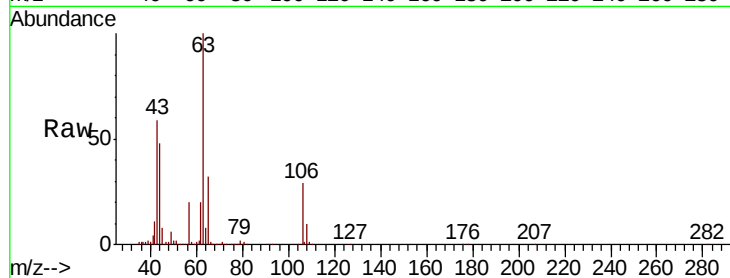
106 28.9 23.4 35.0

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#59

2-Hexanone

Concen: 310.95 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW005275.D

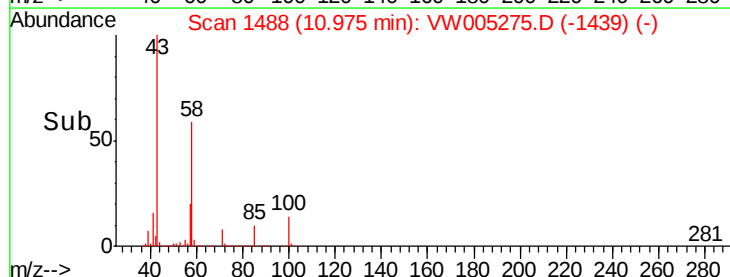
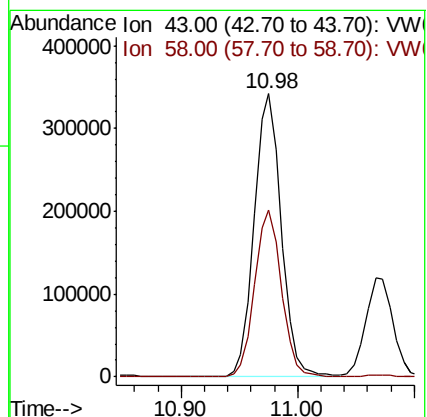
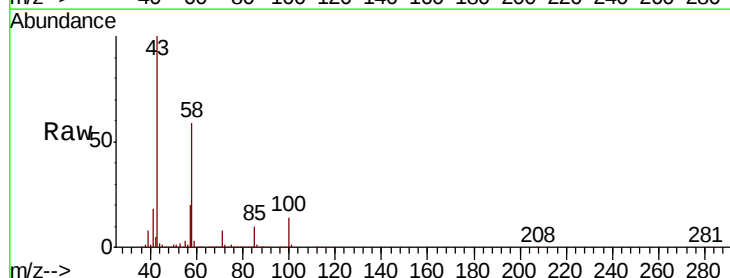
Acq: 11 Sep 2018 15:02

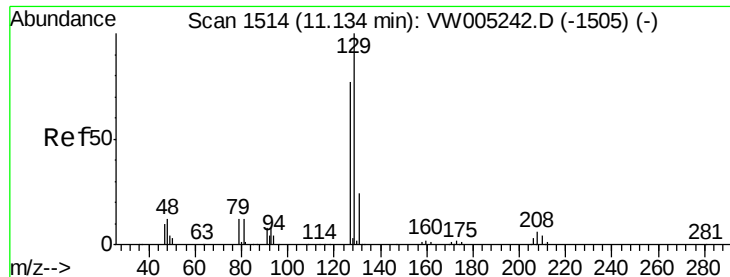
Tgt Ion: 43 Resp: 557407

Ion Ratio Lower Upper

43 100

58 58.3 29.3 87.9





#60

Dibromochloromethane

Concen: 54.44 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q2-J6MSD

Tot Ion:129 Resp: 208850

Ion Ratio Lower Upper

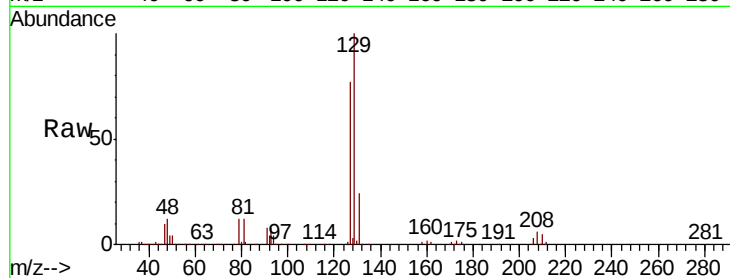
129 100

127 77.4 39.0 117.0

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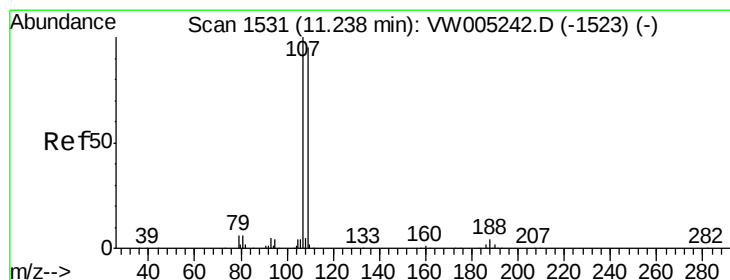
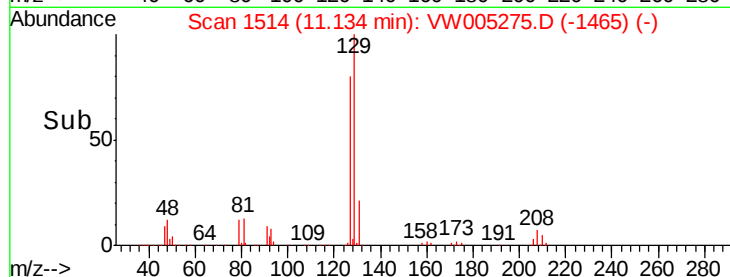
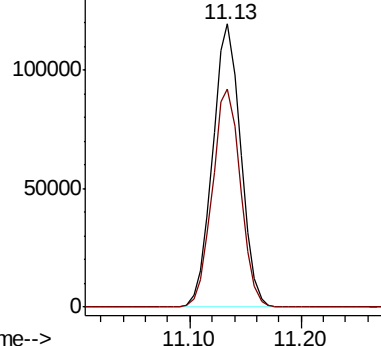
apatel

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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: 55.76 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005275.D

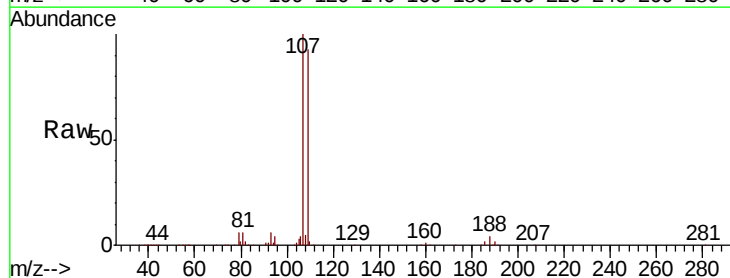
Acq: 11 Sep 2018 15:02

Tgt Ion:107 Resp: 176777

Ion Ratio Lower Upper

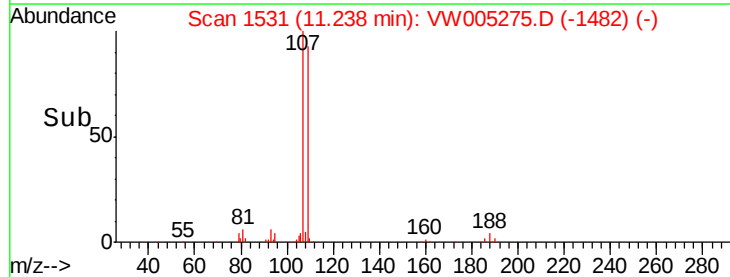
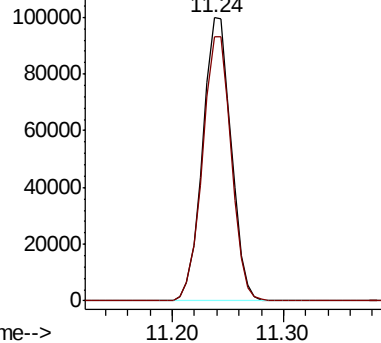
107 100

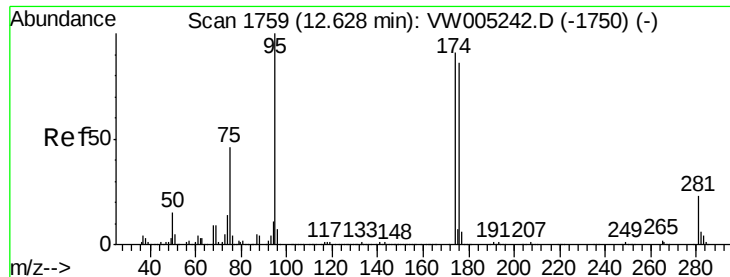
109 94.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





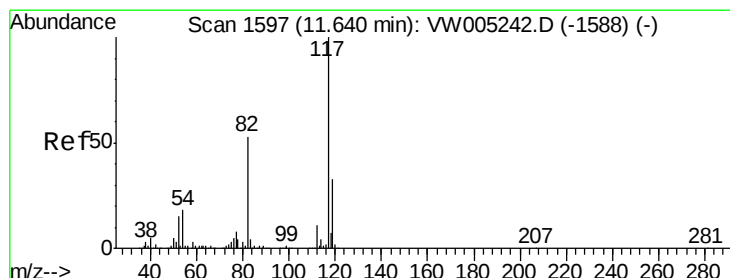
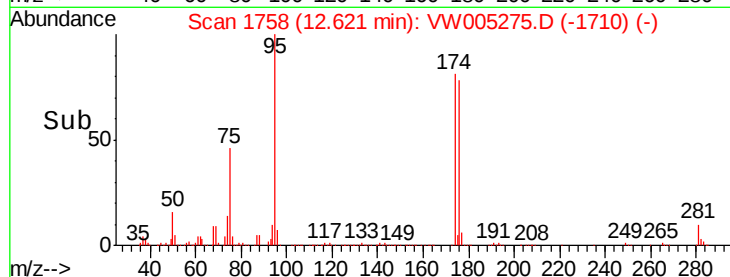
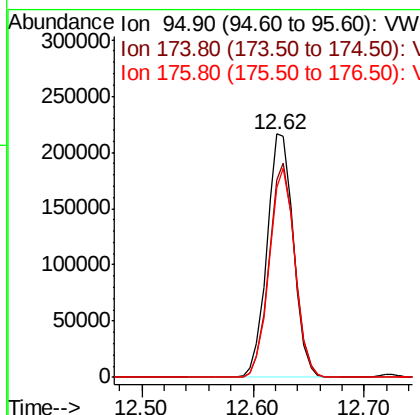
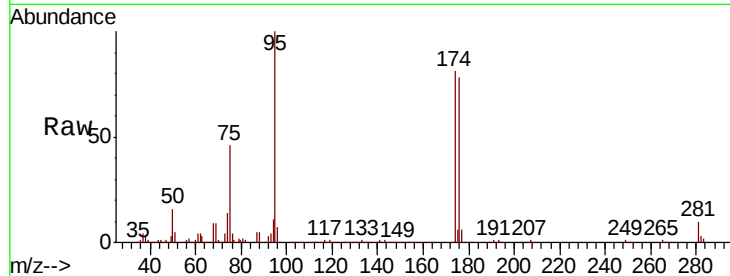
#62
4-Bromofluorobenzene
Concen: 54.11 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	357752		
174	85.8	0.0	174.6	
176	83.3	0.0	167.6	

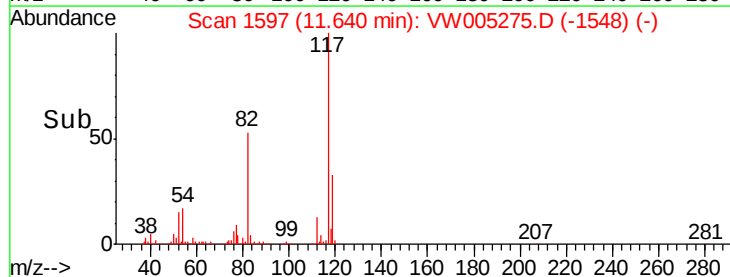
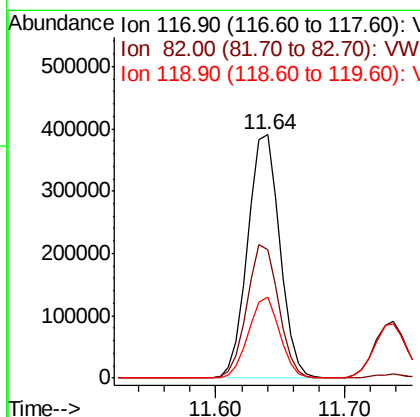
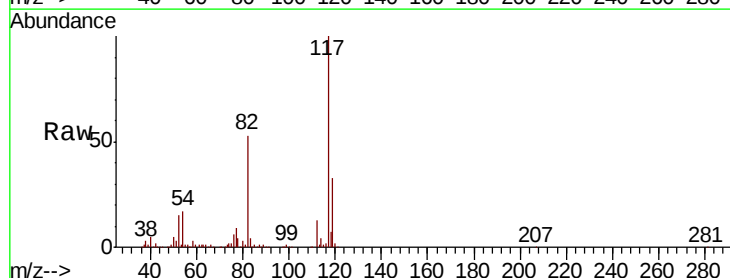
Manual Integrations
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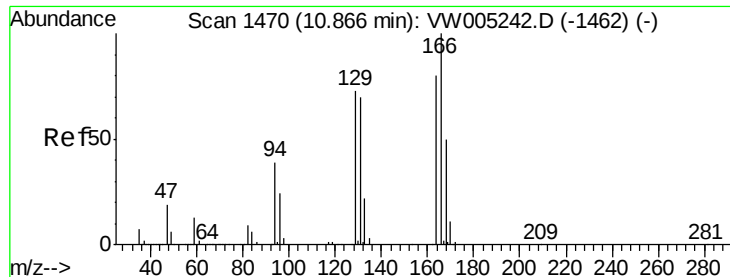
apatel
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	670952		
82	52.5	42.6	63.8	
119	33.2	26.2	39.4	





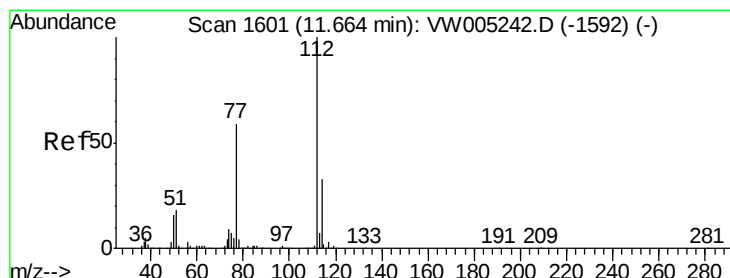
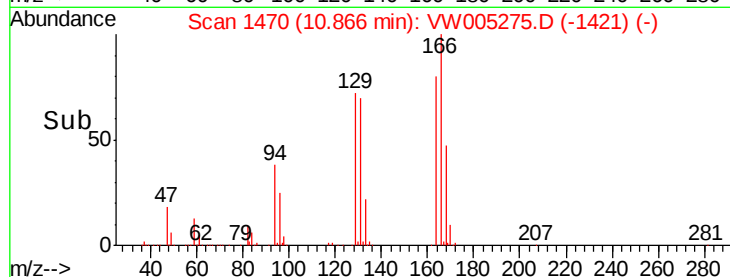
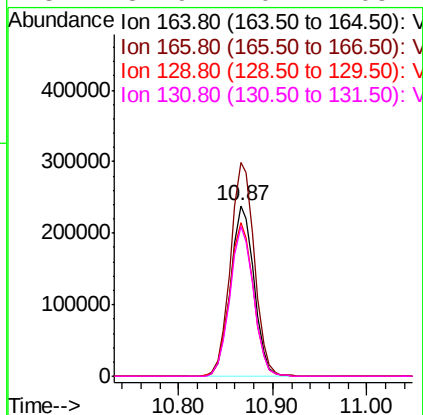
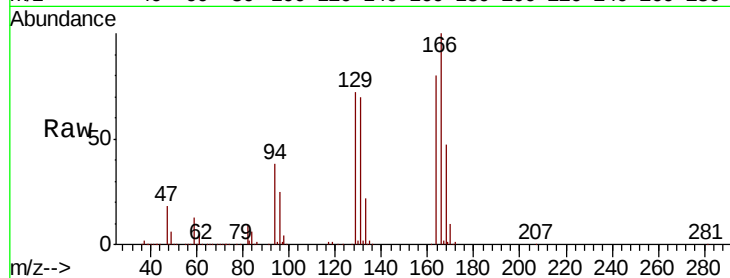
#64
Tetrachloroethene
Concen: 82.96 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.3	100.2	150.2
129	90.1	73.2	109.8
131	87.9	70.2	105.4

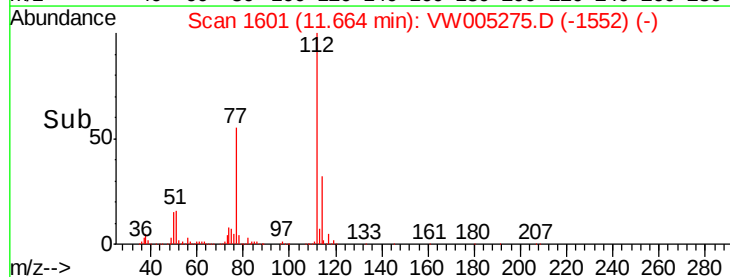
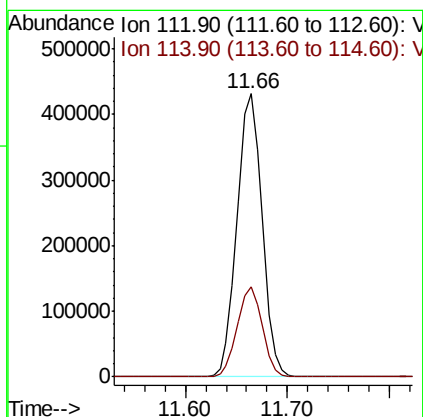
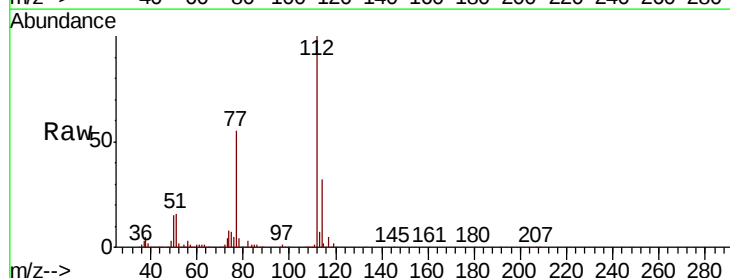
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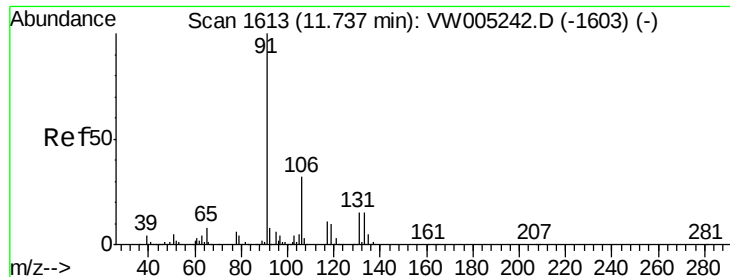
apatel
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#65
Chlorobenzene
Concen: 49.89 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.4





#66

1,1,1,2-Tetrachloroethane

Concen: 51.31 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

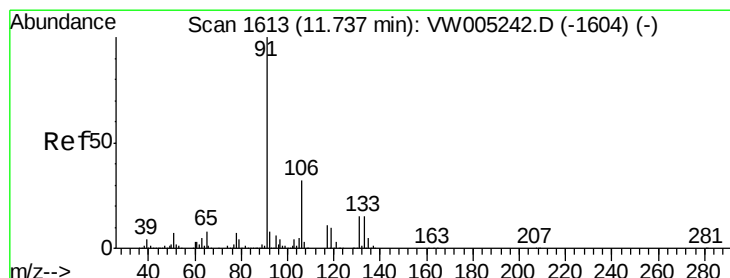
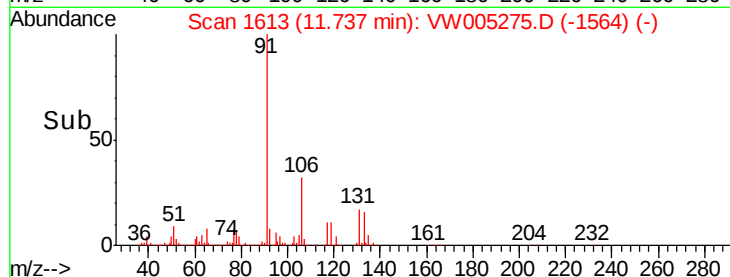
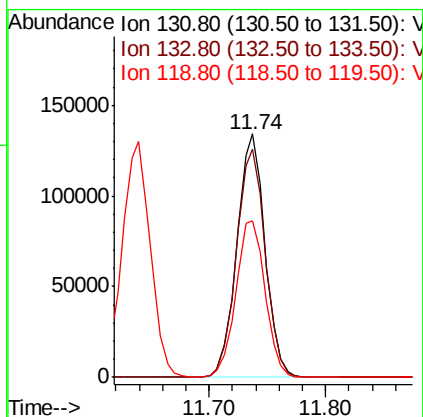
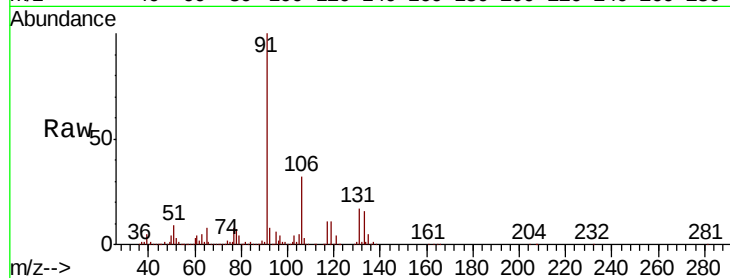
ClientSampleId :

EP1-Q2-J6MSD

Tot Ion:	131	Resp:	225171
Ion Ratio	Lower	Upper	
131	100		
133	96.3	48.1	144.3
119	67.3	33.4	100.1

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#67

Ethyl Benzene

Concen: 49.33 ug/l

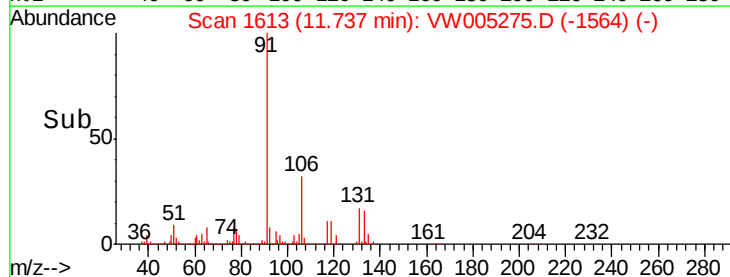
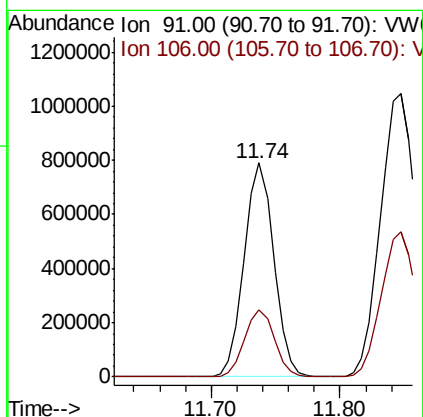
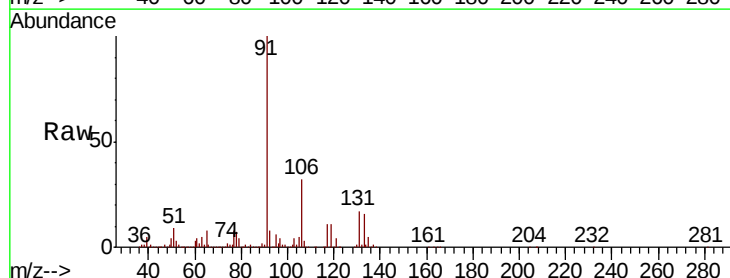
RT: 11.74 min Scan# 1613

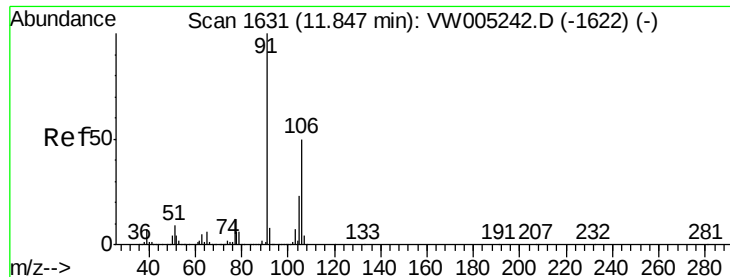
Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion:	91	Resp:	1262556
Ion Ratio	Lower	Upper	
91	100		
106	31.6	25.6	38.4





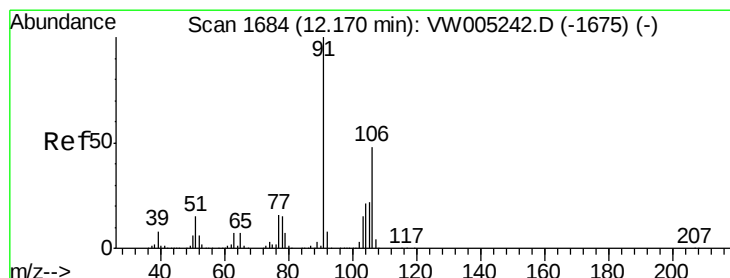
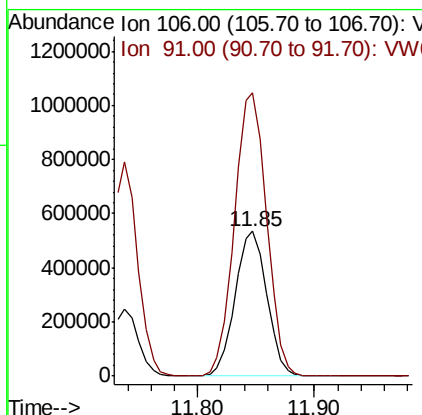
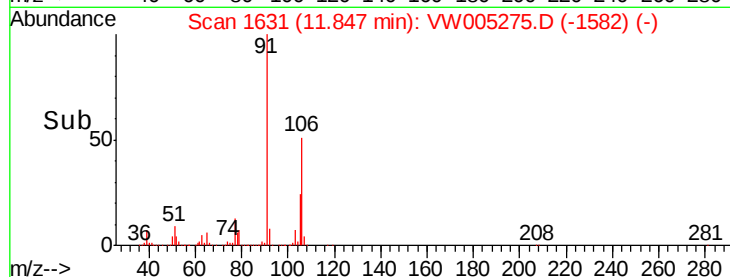
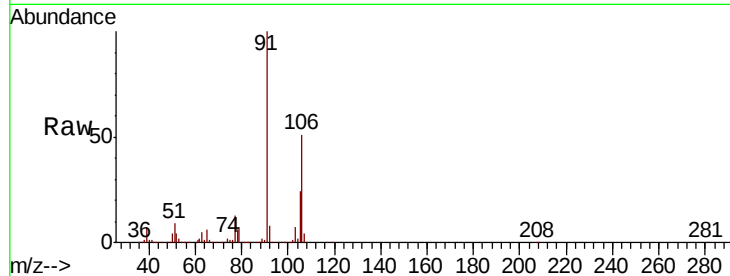
#68
m/p-Xylenes
Concen: 98.51 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampled :
EP1-Q2-J6MSD

Tot Ion:106 Resp: 1016078
Ion Ratio Lower Upper
106 100
91 198.0 160.2 240.2

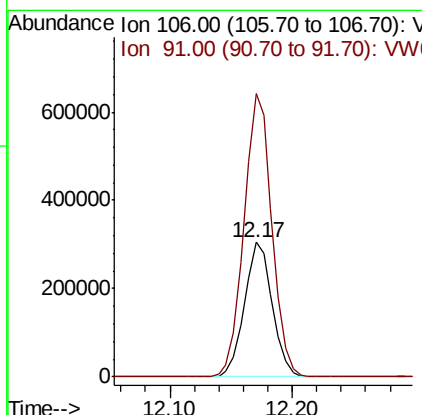
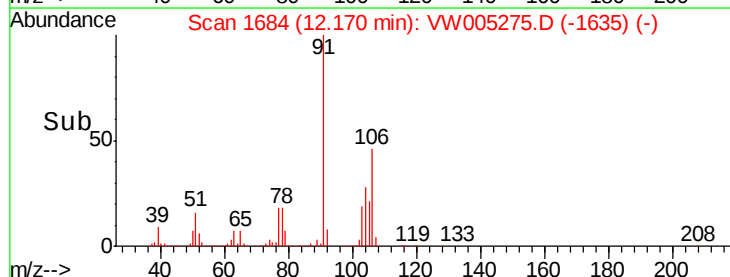
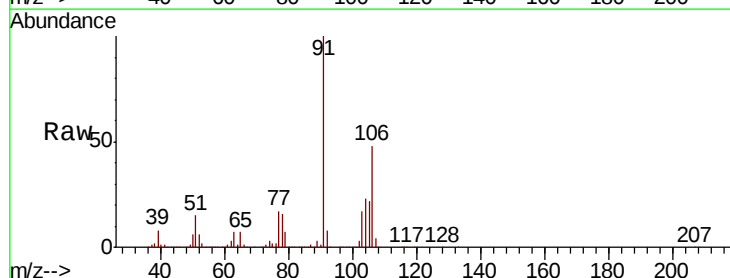
Manual Integrations
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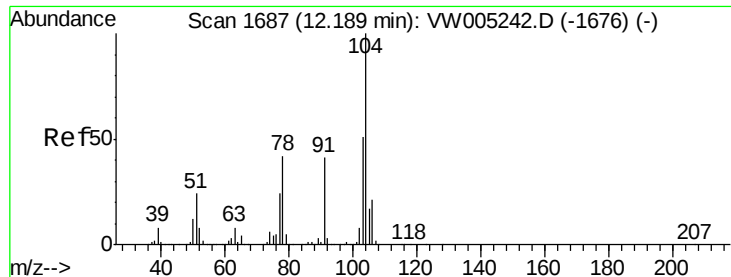
apatel
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#69
o-Xylene
Concen: 50.24 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion:106 Resp: 482114
Ion Ratio Lower Upper
106 100
91 210.4 104.1 312.3





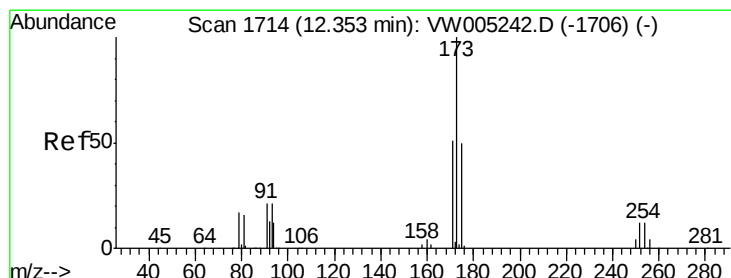
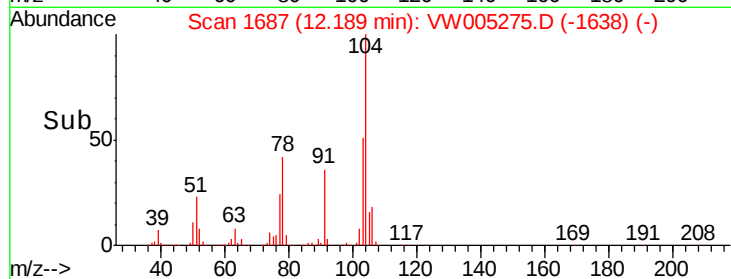
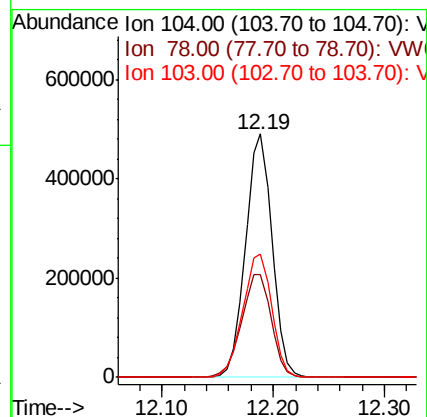
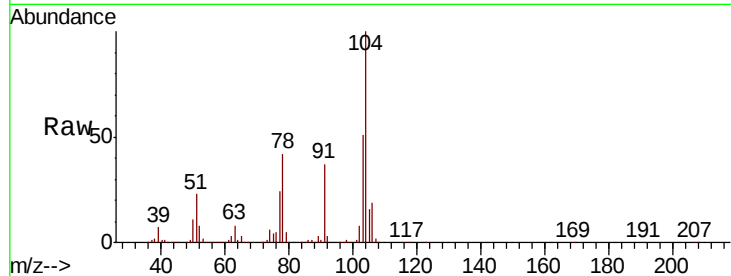
#70
Stvrene
Concen: 51.87 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.0	37.4	56.2
103	55.3	44.1	66.1

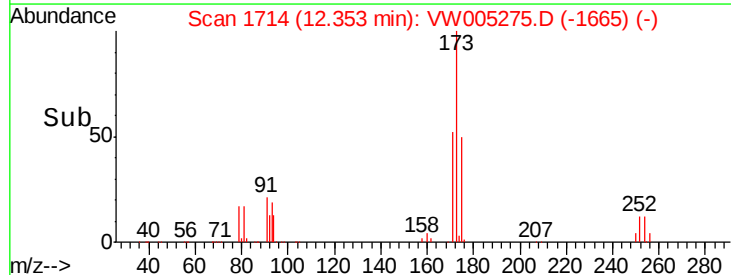
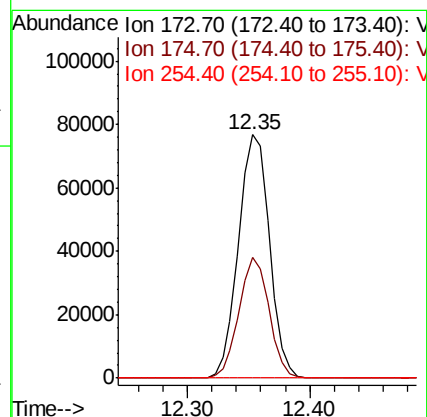
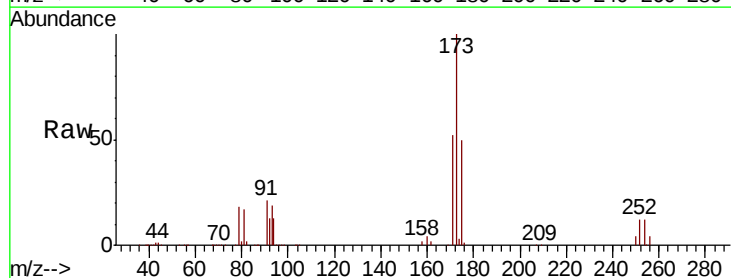
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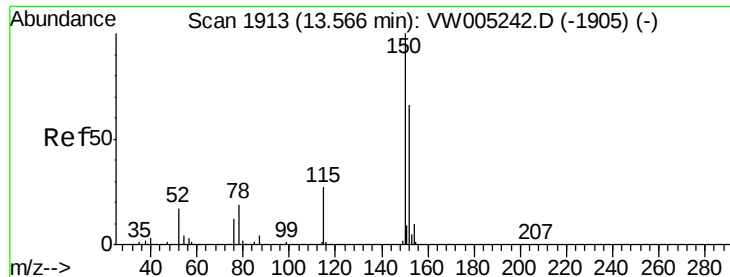
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#71
Bromoform
Concen: 56.47 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.2	0.1	0.1#





#72

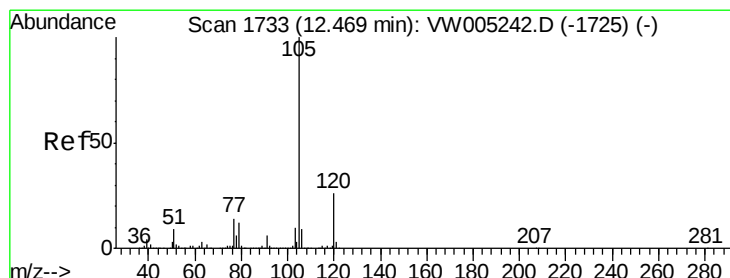
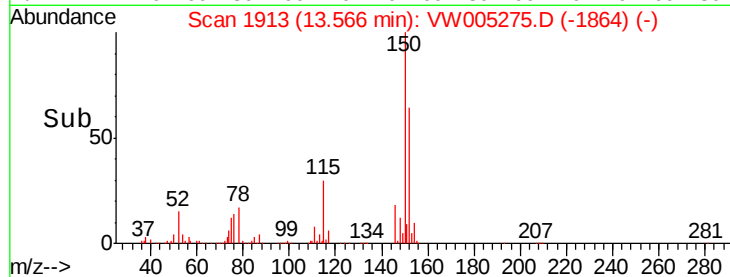
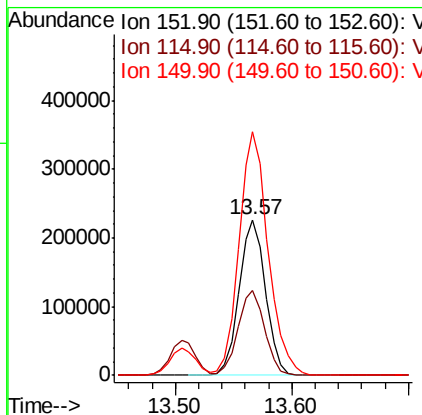
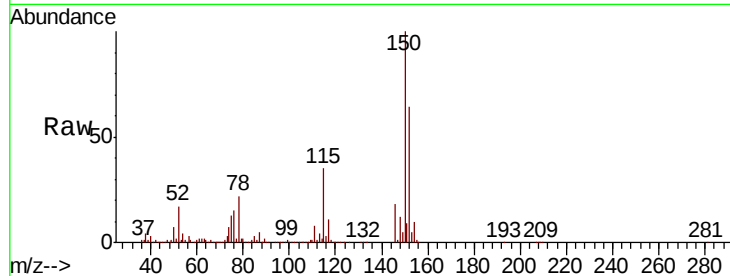
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.5	82.4
150	172.5	0.0	347.4

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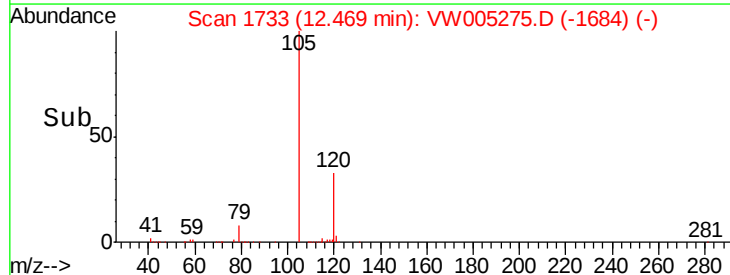
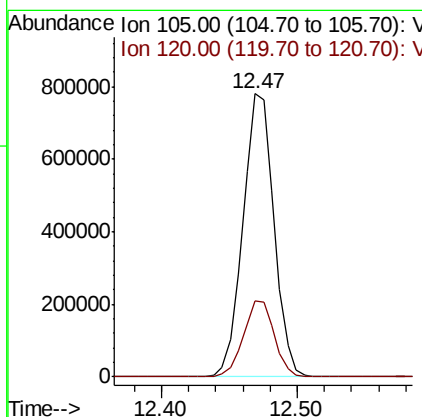
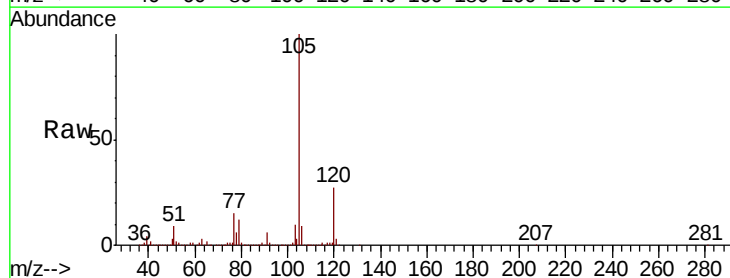
apatel
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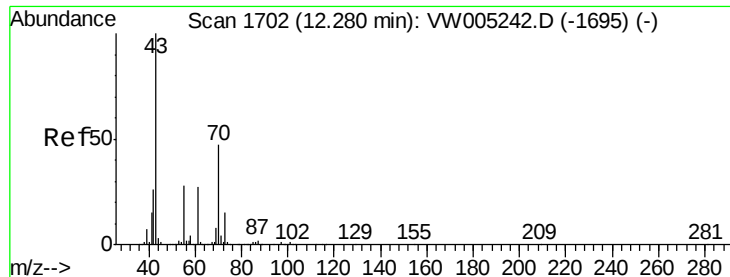


#73

Isopropylbenzene
Concen: 49.44 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.1





#74

N-amvl acetate

Concen: 45.90 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

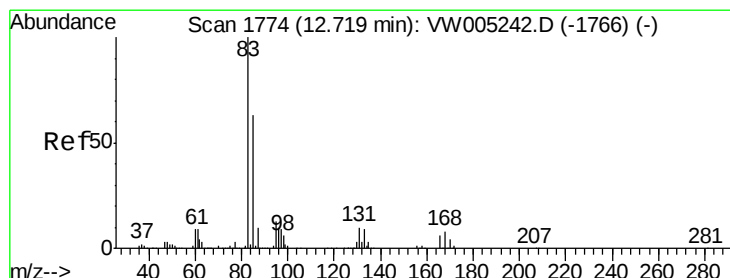
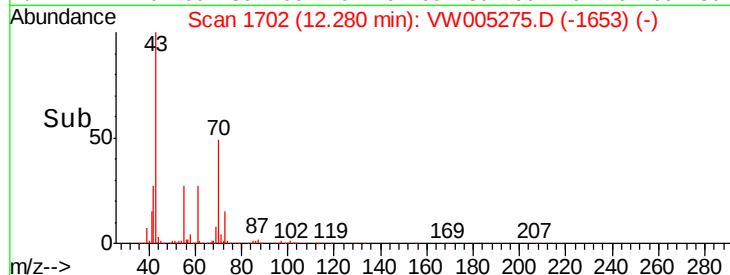
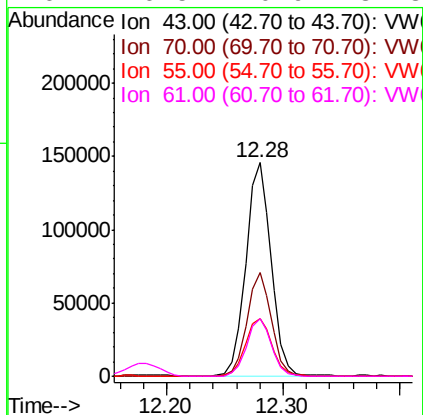
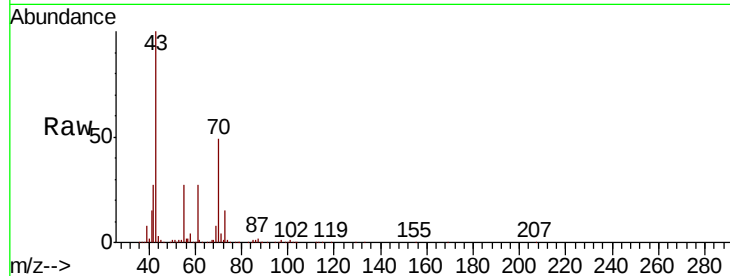
ClientSampleId :

EP1-Q2-J6MSD

Tot Ion	43	Resp	219732
Ion	Ratio	Lower	Upper
43	100		
70	47.2	37.9	56.9
55	28.1	22.6	33.8
61	26.5	20.9	31.3

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#75

1,1,2,2-Tetrachloroethane

Concen: 6.47 ug/l

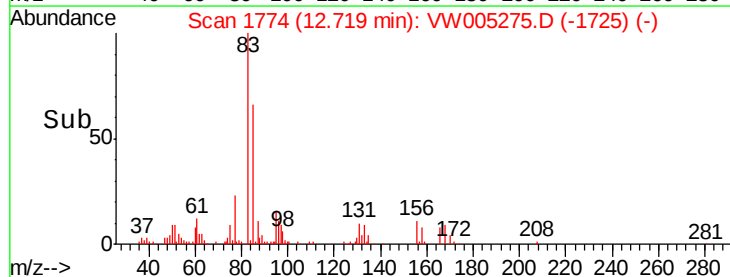
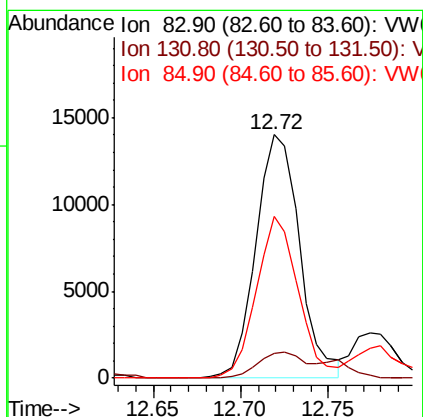
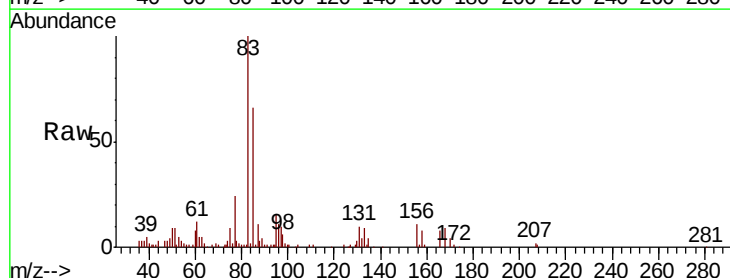
RT: 12.72 min Scan# 1774

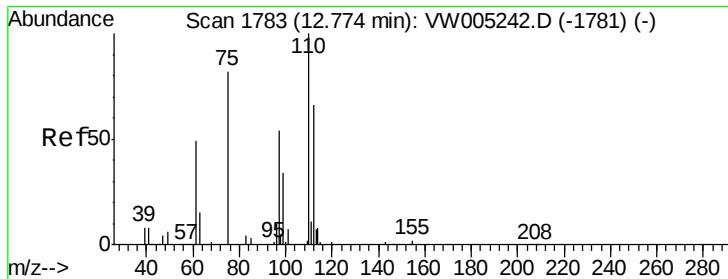
Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion	83	Resp	24457
Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.5	16.4
85	63.8	31.6	95.0





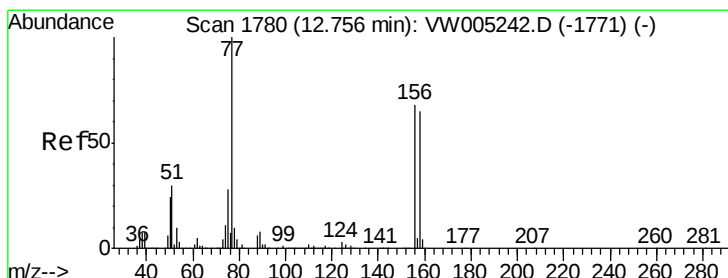
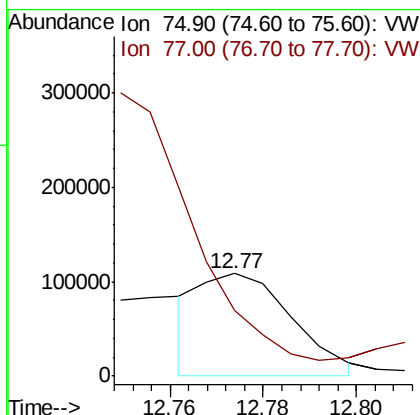
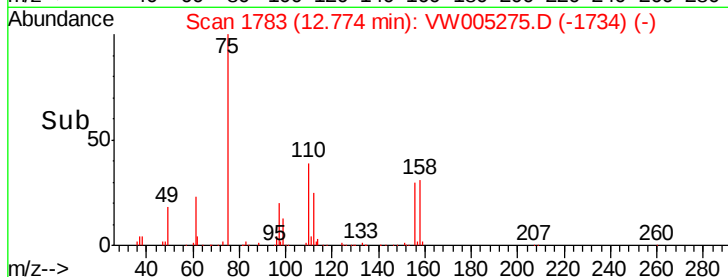
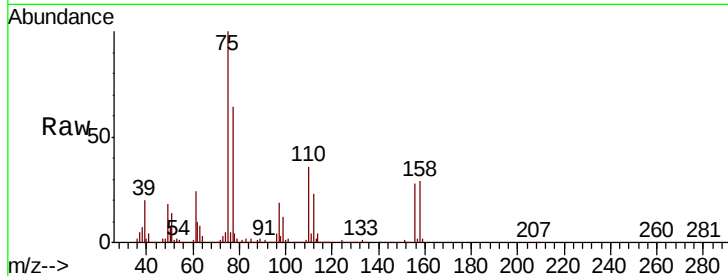
#76
1,2,3-Trichloropropane
Concen: 55.37 ug/l m
RT: 12.77 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

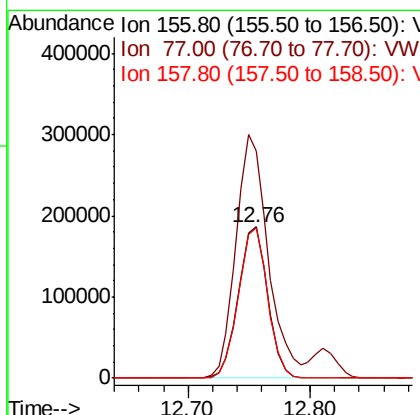
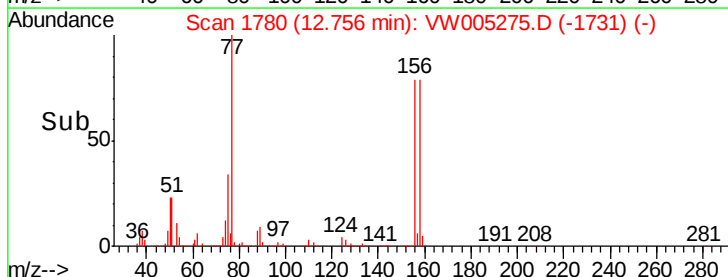
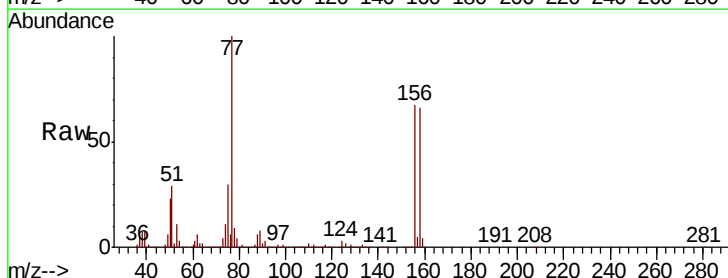
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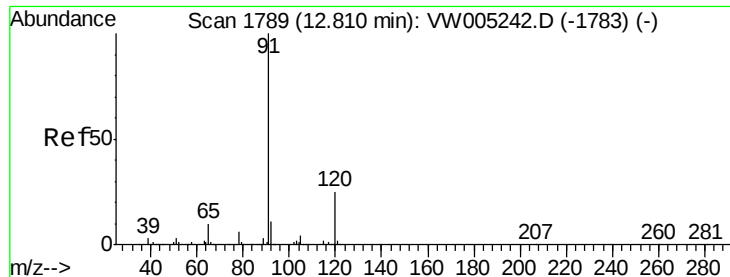
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#77
Bromobenzene
Concen: 52.14 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	176.9	86.3	258.8
158	98.8	48.6	145.8





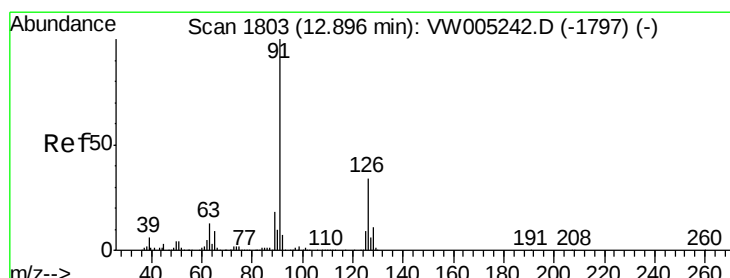
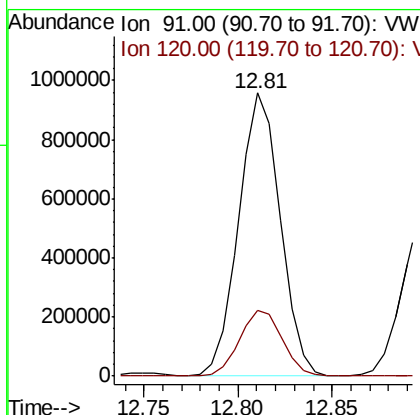
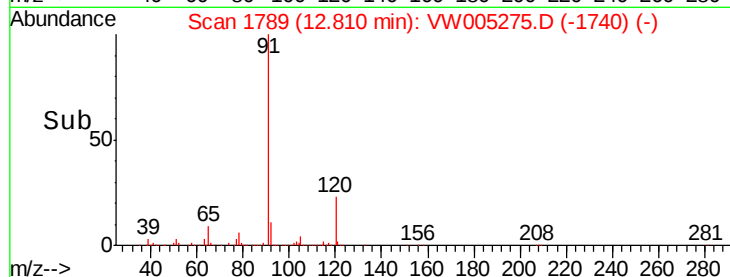
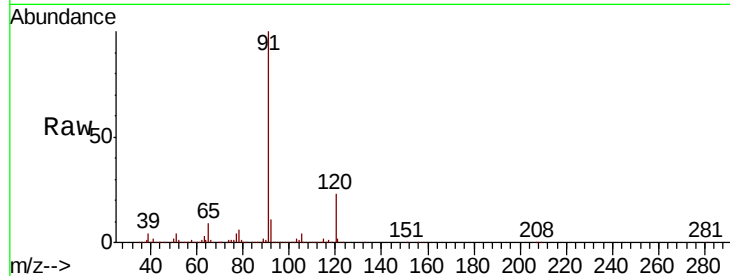
#78
n-propylbenzene
Concen: 48.42 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampled :
EP1-Q2-J6MSD

Tot Ion: 91 Resp: 1463465
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.0

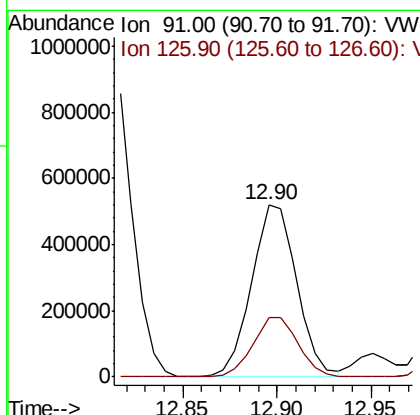
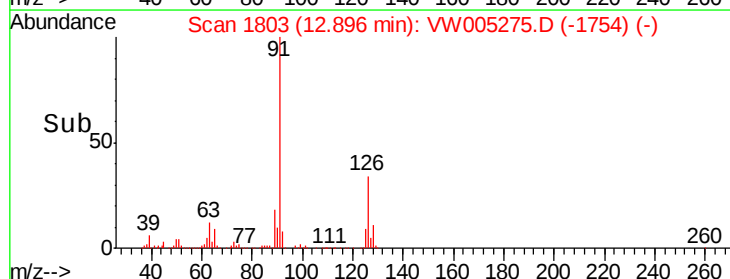
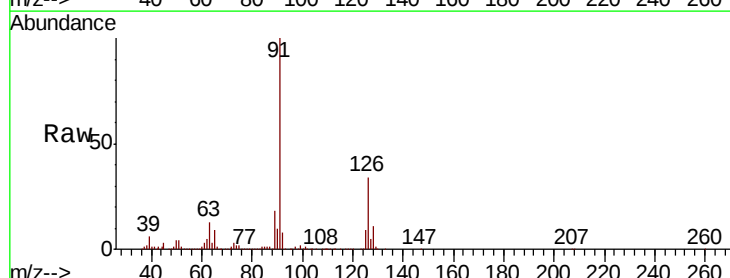
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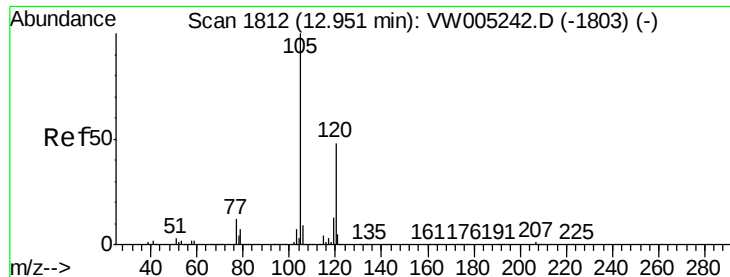
apatel
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#79
2-Chlorotoluene
Concen: 49.81 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion: 91 Resp: 863205
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.5





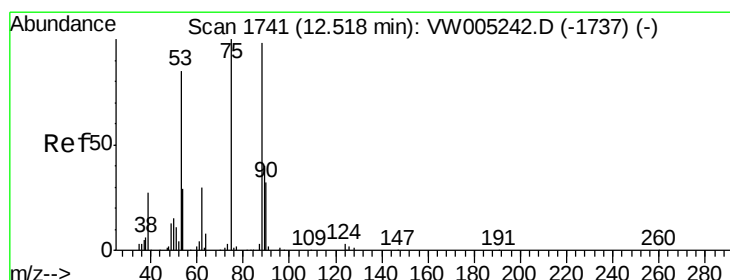
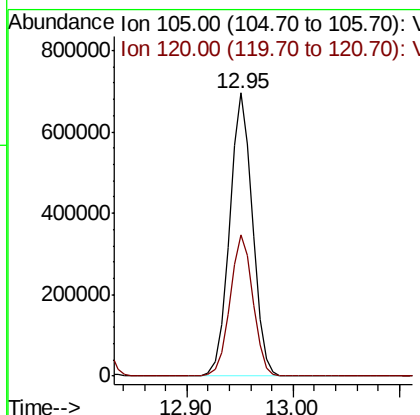
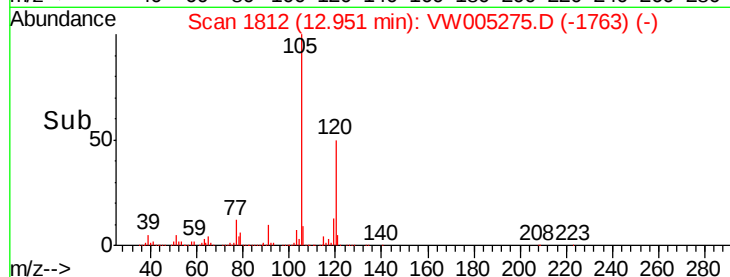
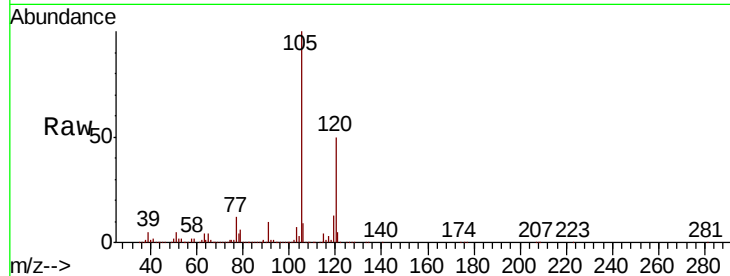
#80
 1,3,5-Trimethylbenzene
 Concen: 48.74 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampled :
 EP1-Q2-J6MSD

Tot Ion:105 Resp: 1044417
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.4 73.4

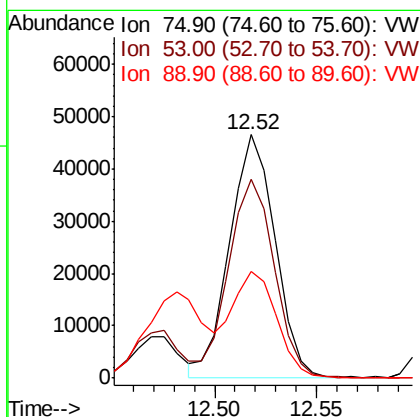
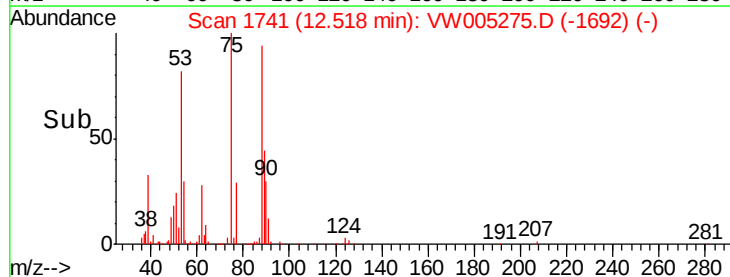
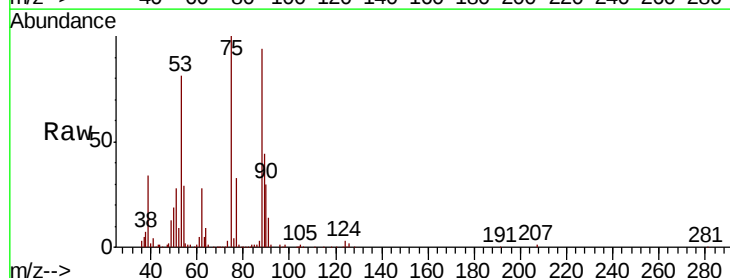
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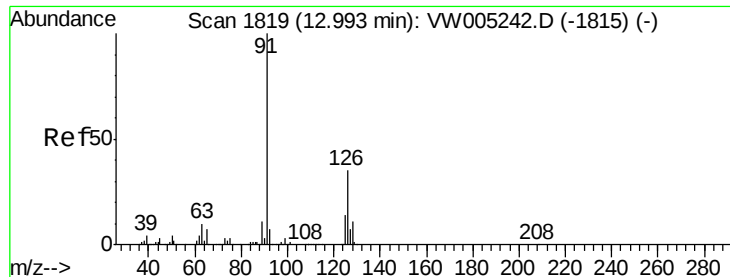
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.03 ug/l
 RT: 12.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion: 75 Resp: 71287
 Ion Ratio Lower Upper
 75 100
 53 84.5 67.0 100.6
 89 44.2 37.0 55.4





#82

4-Chlorotoluene

Concen: 49.69 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q2-J6MSD

Tot Ion: 91 Resp: 905162

Ion Ratio Lower Upper

91 100

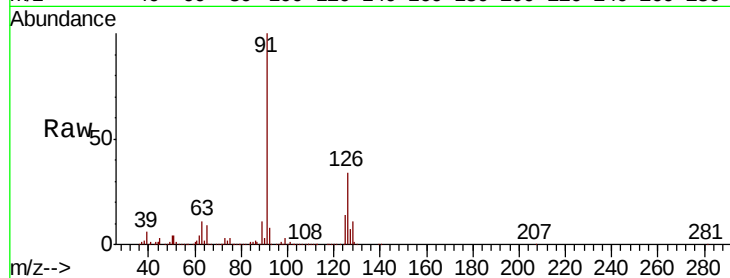
126 34.9 17.5 52.5

Manual Integrations

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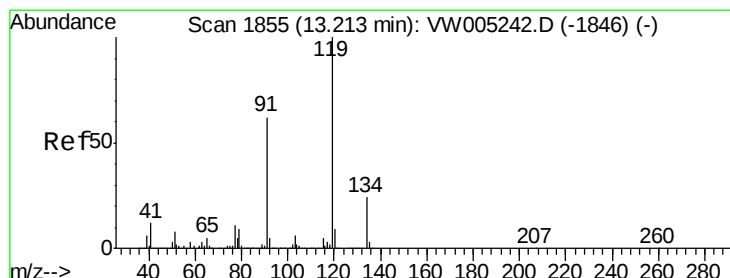
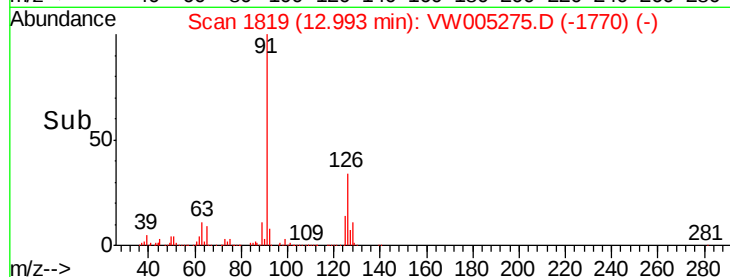
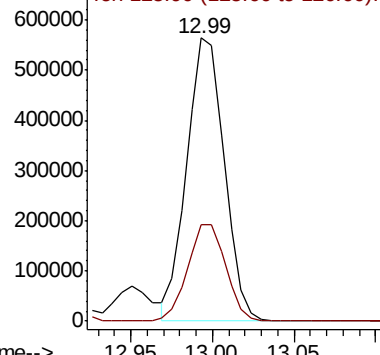
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 46.35 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

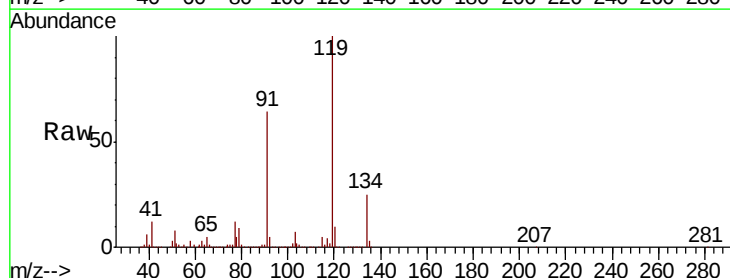
Tgt Ion: 119 Resp: 868533

Ion Ratio Lower Upper

119 100

91 63.7 31.7 95.1

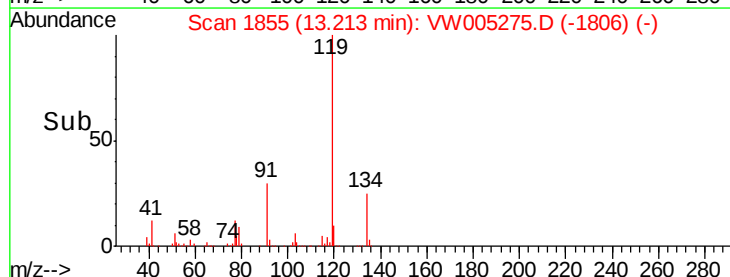
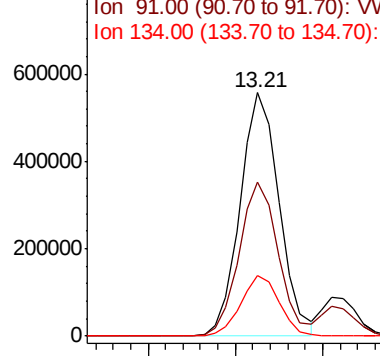
134 24.3 13.0 38.9

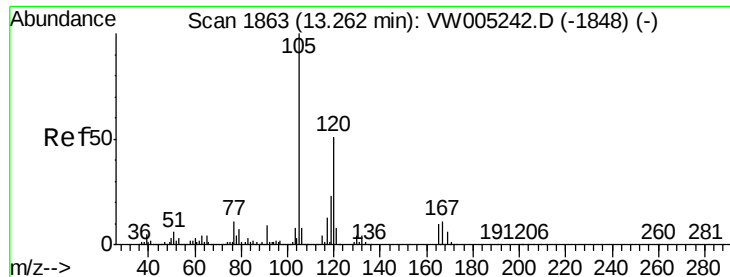


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V





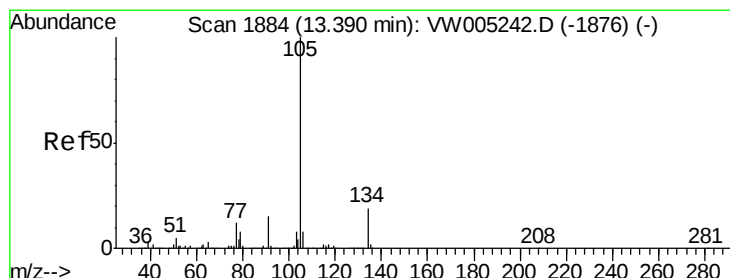
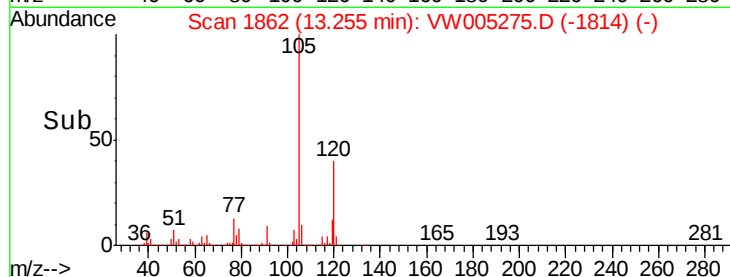
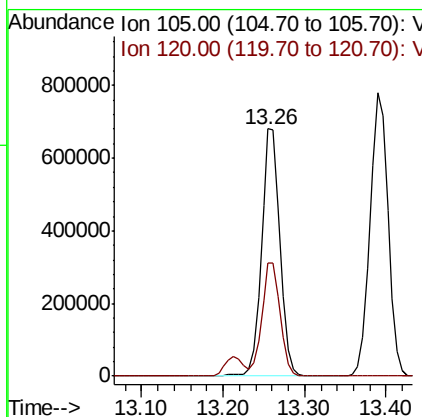
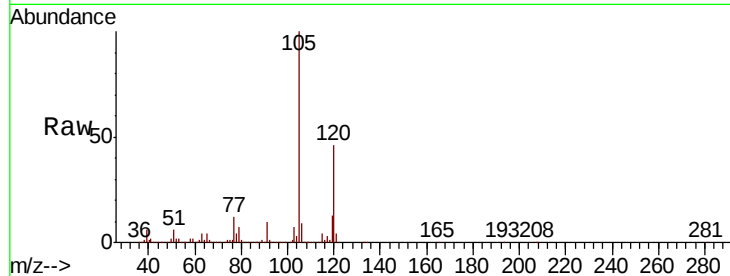
#84
 1,2,4-Trimethylbenzene
 Concen: 49.85 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q2-J6MSD

Tot Ion:105 Resp: 1073274
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.4 70.3

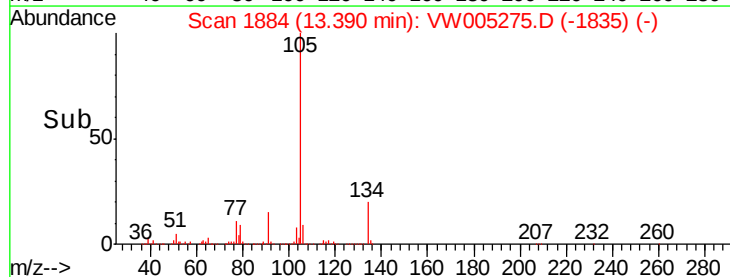
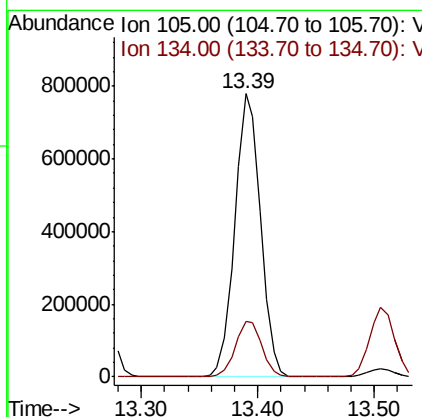
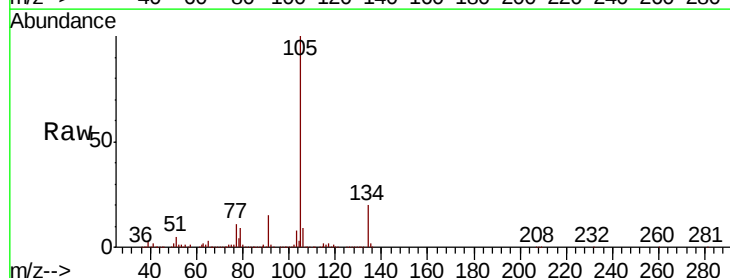
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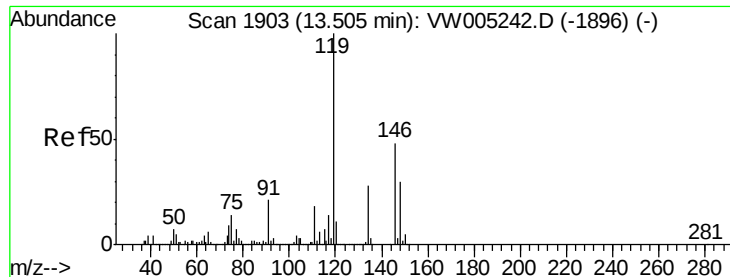
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#85
 sec-Butylbenzene
 Concen: 44.41 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion:105 Resp: 1195939
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7





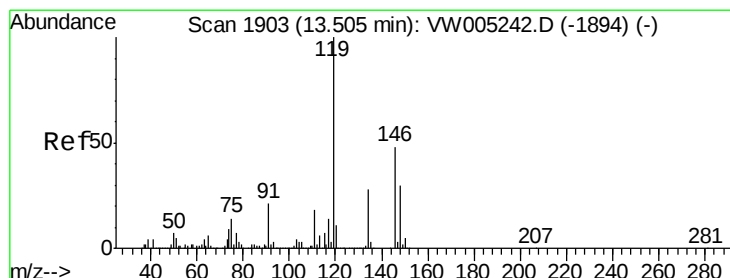
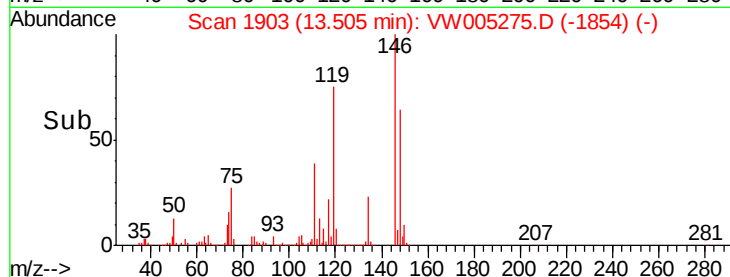
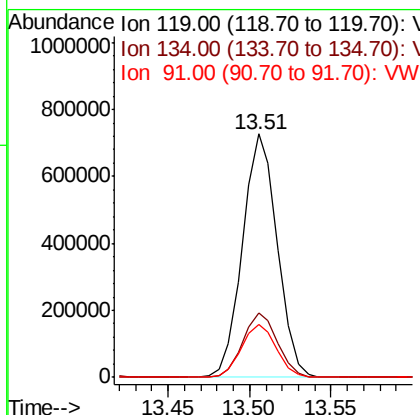
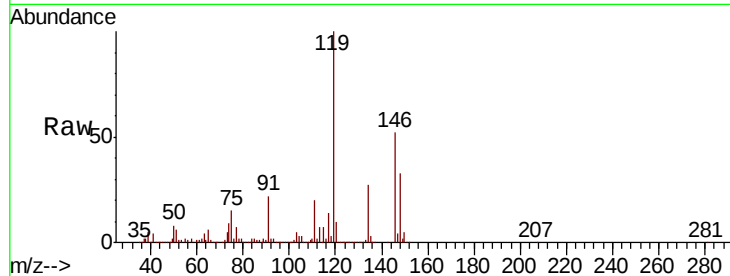
#86
p-Isopropyltoluene
Concen: 44.97 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.2	39.5
91	21.6	10.7	32.1

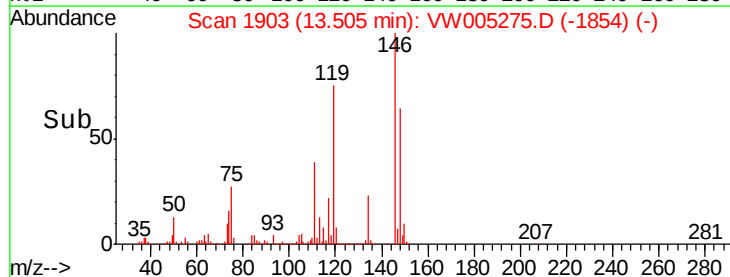
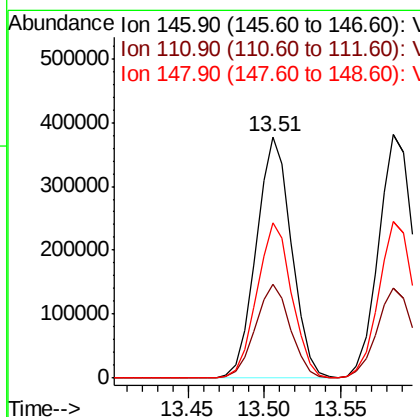
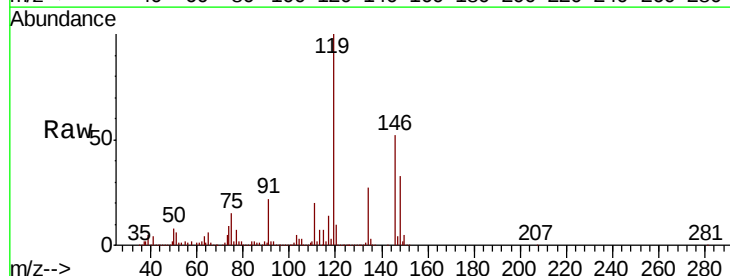
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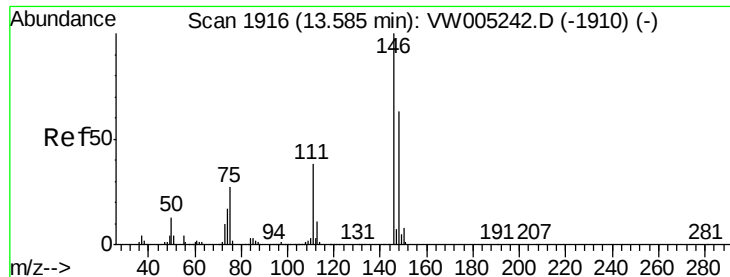
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#87
1,3-Dichlorobenzene
Concen: 48.51 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.8	56.3
148	64.0	31.6	94.8





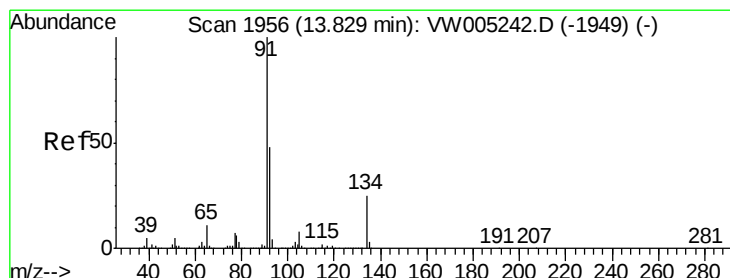
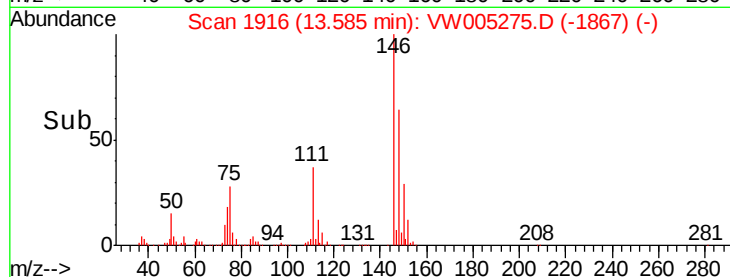
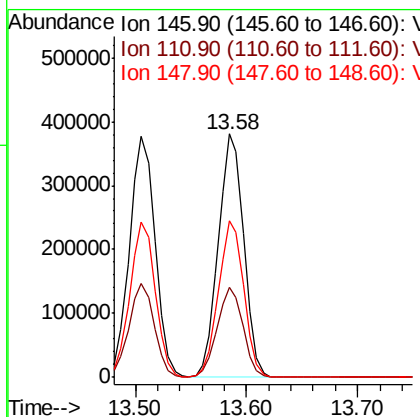
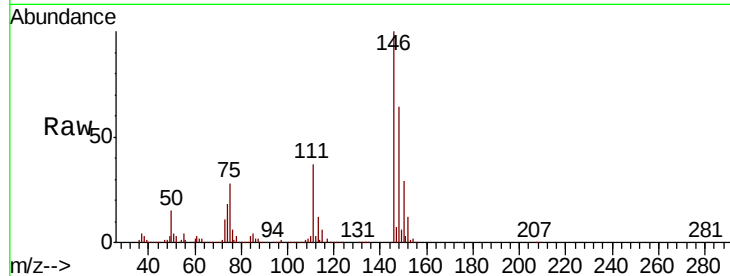
#88
 1,4-Dichlorobenzene
 Concen: 49.19 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampleID :
 EP1-Q2-J6MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.3
148	64.0	32.3	96.9

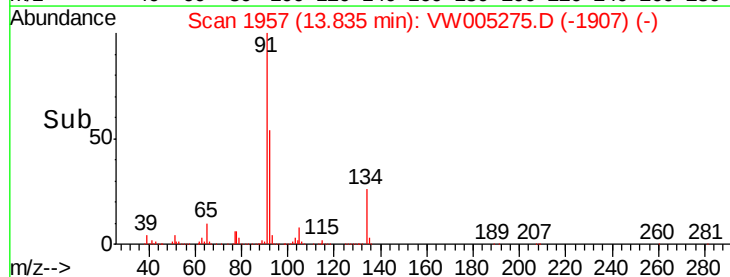
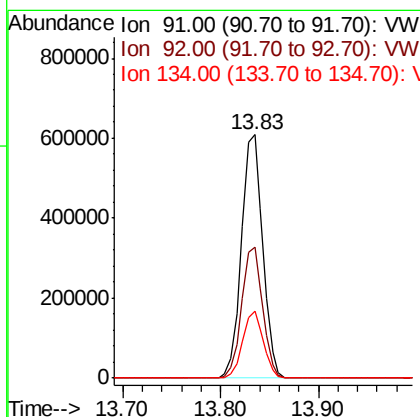
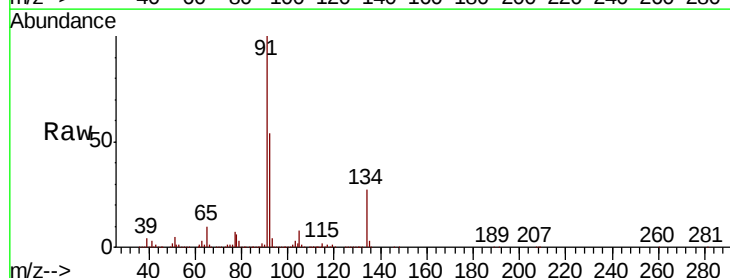
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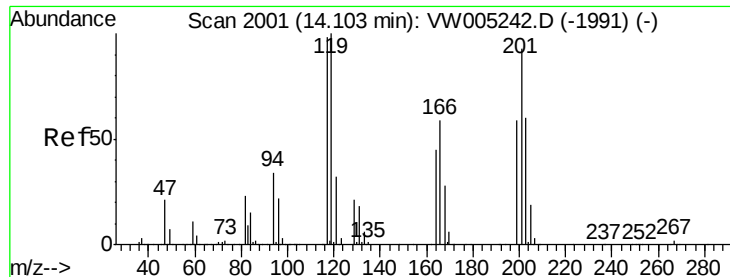
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#89
 n-Butylbenzene
 Concen: 40.89 ug/l
 RT: 13.83 min Scan# 1957
 Delta R.T. 0.01 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.8	77.3
134	26.9	13.6	40.8





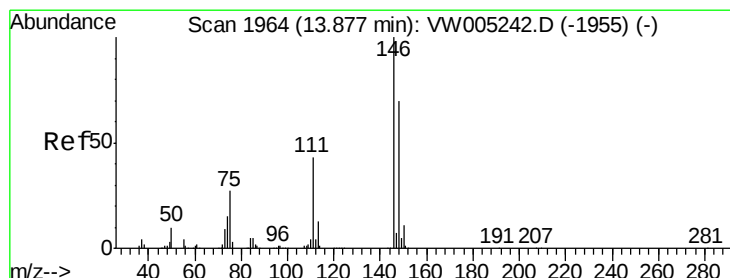
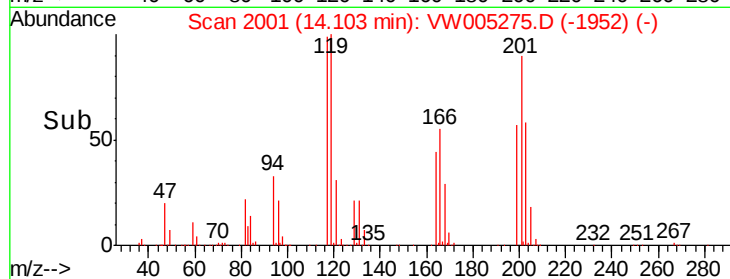
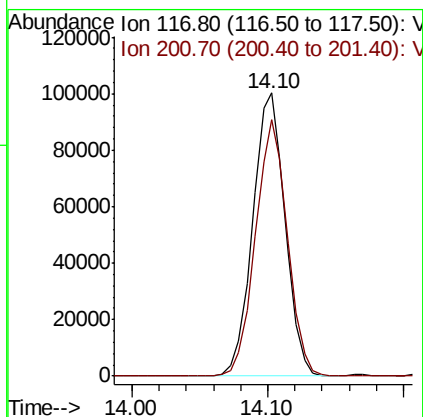
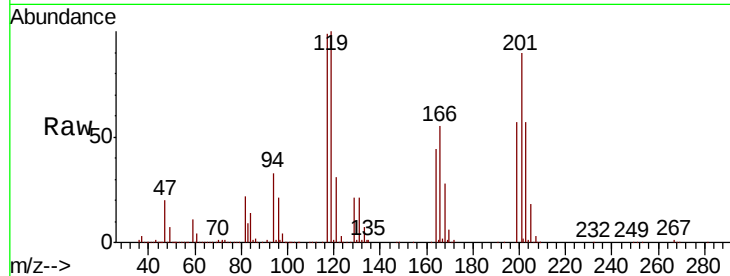
#90
Hexachloroethane
Concen: 43.63 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q2-J6MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	166671		
201	89.4	44.0	132.1	

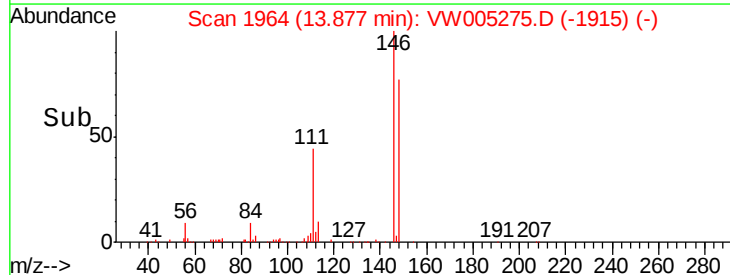
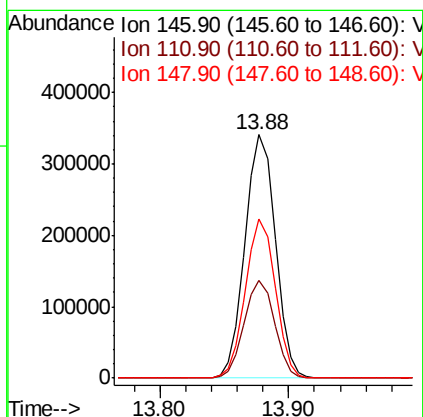
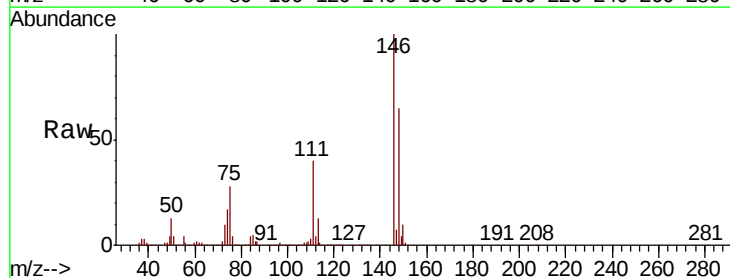
Manual Integrations
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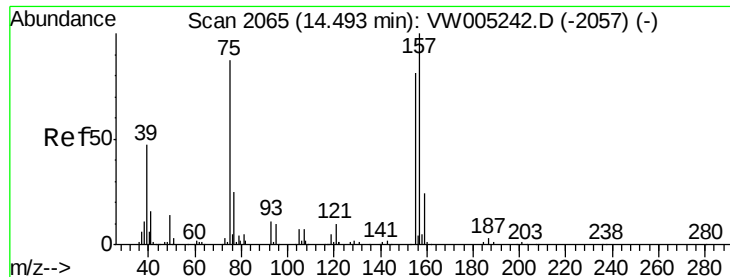
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#91
1,2-Dichlorobenzene
Concen: 50.88 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	556655		
111	40.2	20.5	61.5	
148	64.4	32.7	98.1	





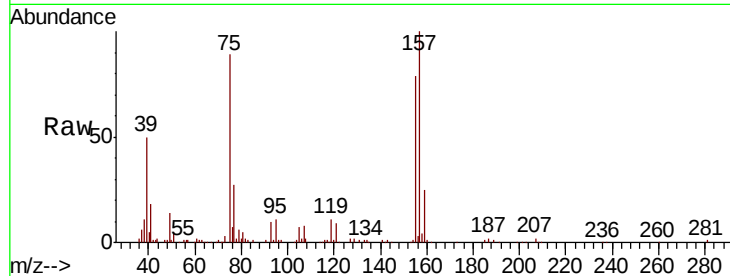
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.04 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q2-J6MSD

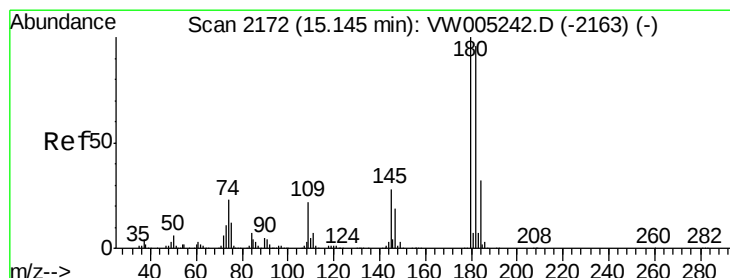
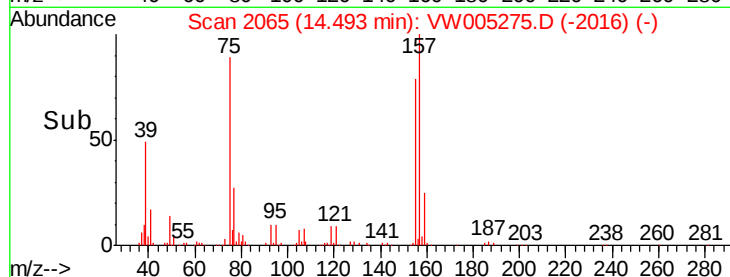
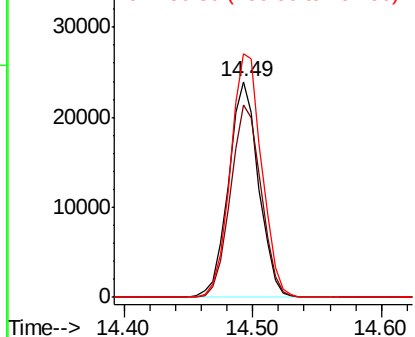
Tot Ion	Ratio	Lower	Upper
75	100		
155	90.6	47.4	142.2
157	116.7	59.4	178.2

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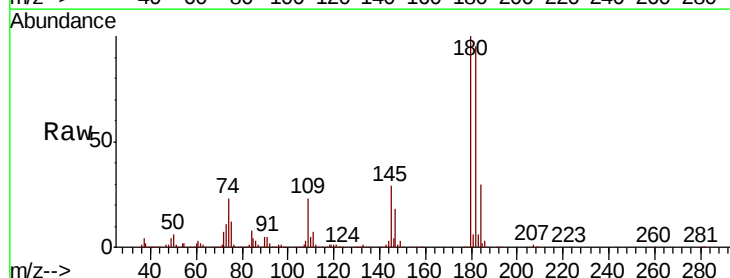


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

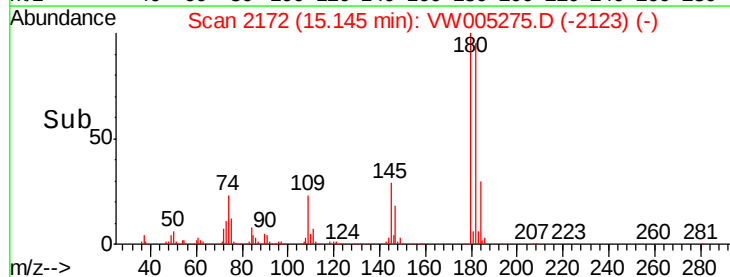
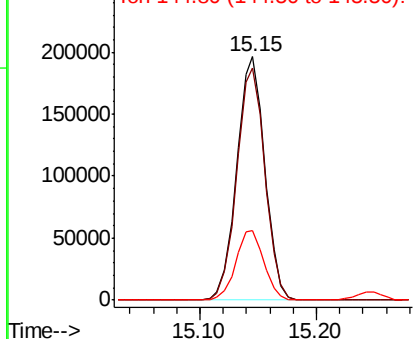


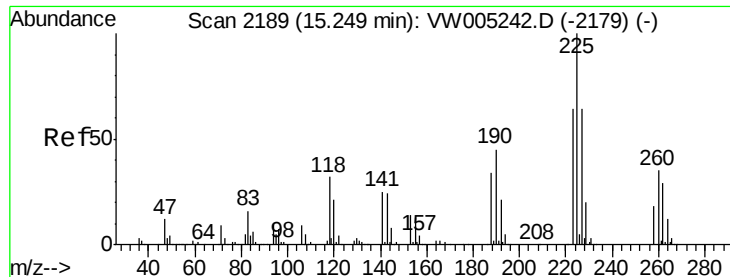
#93
 1,2,4-Trichlorobenzene
 Concen: 42.47 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.4
145	28.8	14.5	43.6



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: 27.07 ug/l

RT: 15.25 min Scan# 2189

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

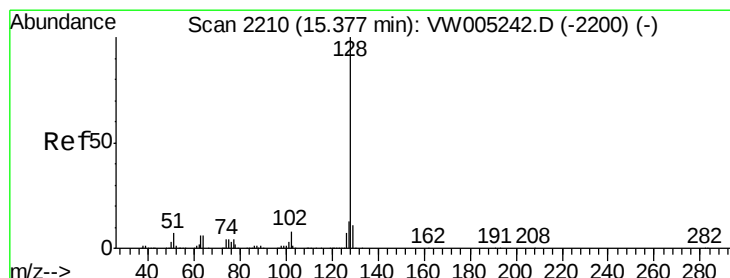
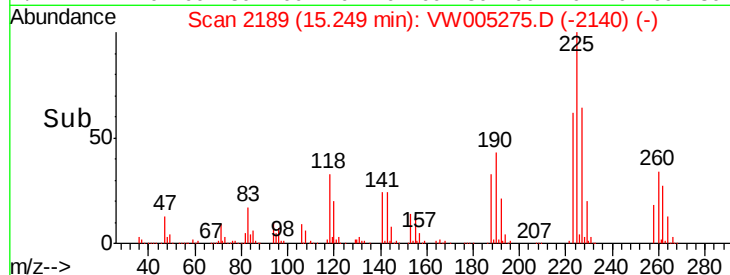
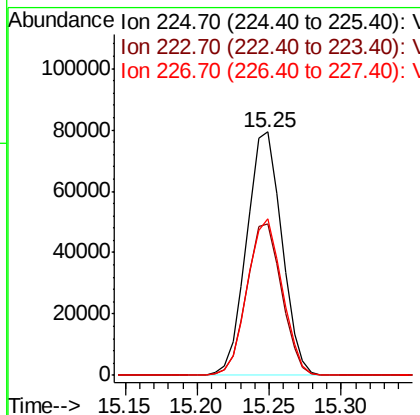
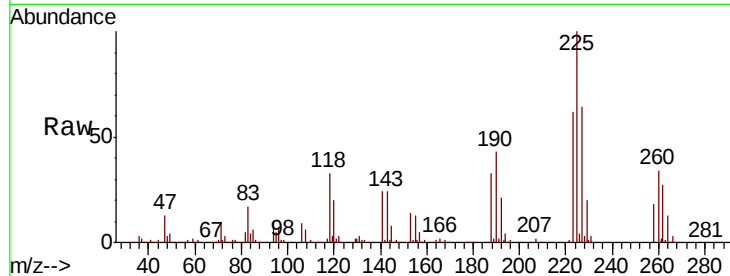
ClientSampleId :

EP1-Q2-J6MSD

Tot Ion:	225	Resp:	134145
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.4	94.2
227	63.4	32.0	96.0

Manual Integrations
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#95

Naphthalene

Concen: 55.81 ug/l

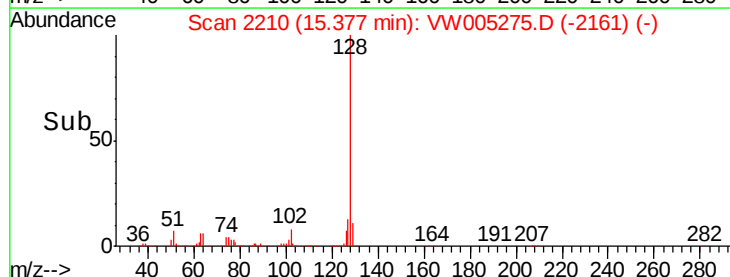
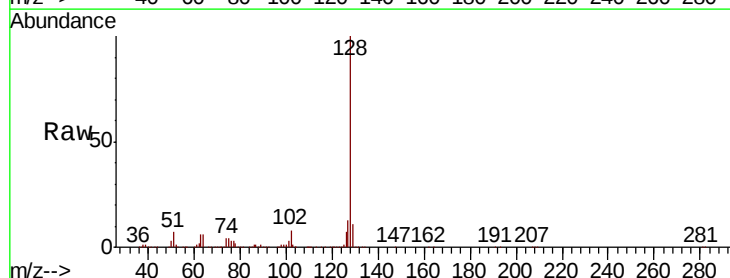
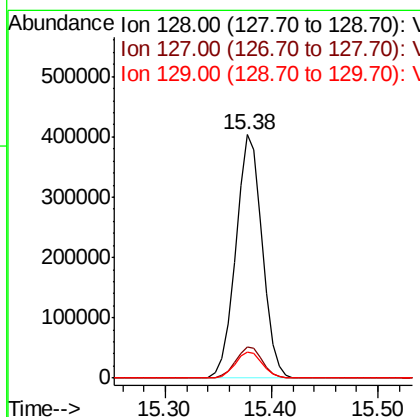
RT: 15.38 min Scan# 2210

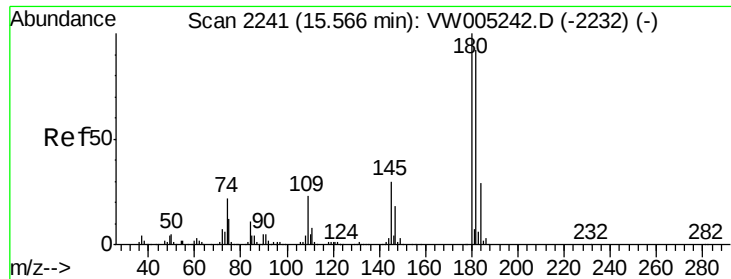
Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion:	128	Resp:	700373
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.1	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 44.30 ug/l
 RT: 15.57 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q2-J6MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	47.2	141.6
145	30.9	15.2	45.6

Manual Integrations
 APPROVED

apatel
 9/12/2018 10:29:26 AM

