

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005294.D
 Acq On : 12 Sep 2018 01:15
 Operator : SY/AP
 Sample : VW0911SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Manual Integrations
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Quant Time: Sep 12 01:55:21 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	501926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	751116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	736154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	392427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	211926	56.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	7.89	113	206580	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.33	98	981969	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.62	95	362631	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	96647	22.32	ug/l	97
3) Chloromethane	2.21	50	137057	23.68	ug/l	98
4) Vinyl Chloride	2.35	62	122894	23.13	ug/l	98
5) Bromomethane	2.73	94	88994	26.19	ug/l	99
6) Chloroethane	2.90	64	67612	23.10	ug/l	100
7) Trichlorofluoromethane	3.25	101	132652	22.07	ug/l	98
8) Diethyl Ether	3.68	74	51403	23.99	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	89826	20.92	ug/l	98
10) Methyl Iodide	4.27	142	72509	16.01	ug/l	99
11) Tert butyl alcohol	5.17	59	50724	165.22	ug/l	95
12) 1,1-Dichloroethene	4.03	96	87067	22.02	ug/l	96
13) Acrolein	3.90	56	30983	104.47	ug/l	95
14) Allyl chloride	4.67	41	138204	22.75	ug/l	98
15) Acrylonitrile	5.37	53	122592	126.83	ug/l	99
16) Acetone	4.12	43	88594	127.49	ug/l	92
17) Carbon Disulfide	4.37	76	318345	22.94	ug/l	98
18) Methyl Acetate	4.68	43	60626	29.23	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	233908	24.84	ug/l	99
20) Methylene Chloride	4.92	84	131921	23.82	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	103655	22.45	ug/l	99
22) Diisopropyl ether	6.31	45	304680	24.91	ug/l	95
23) Vinyl Acetate	6.26	43	817587	119.95	ug/l	100
24) 1,1-Dichloroethane	6.22	63	179275	23.81	ug/l	99
25) 2-Butanone	7.18	43	146320	133.49	ug/l	93
26) 2,2-Dichloropropane	7.17	77	129259	19.80	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	115590	23.40	ug/l	99
28) Bromochloromethane	7.52	49	67014	24.13	ug/l #	95
29) Tetrahydrofuran	7.53	42	95459	129.23	ug/l	99
30) Chloroform	7.68	83	177681	23.52	ug/l	99
31) Cyclohexane	7.96	56	174665	21.80	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	150049	21.98	ug/l	98
36) 1,1-Dichloropropene	8.09	75	148427	21.57	ug/l	99
37) Ethyl Acetate	7.26	43	63365	24.21	ug/l	99
38) Carbon Tetrachloride	8.07	117	131478	20.40	ug/l	99

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 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)
39) Methylcyclohexane	9.34	83	179808	19.68	ug/l	98
40) Benzene	8.33	78	452464	22.32	ug/l	100
41) Methacrylonitrile	7.49	41	35525	26.45	ug/l	98
42) 1,2-Dichloroethane	8.40	62	111998	23.09	ug/l	100
43) Isopropyl Acetate	8.43	43	117465	24.17	ug/l	98
44) Trichloroethene	9.10	130	120032	21.58	ug/l	96
45) 1,2-Dichloropropane	9.37	63	111999	22.98	ug/l	97
46) Dibromomethane	9.46	93	53055	22.24	ug/l	98
47) Bromodichloromethane	9.65	83	127831	21.91	ug/l	97
48) Methyl methacrylate	9.44	41	55054	21.81	ug/l	93
49) 1,4-Dioxane	9.45	88	20789	466.81	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	319541	116.82	ug/l	99
52) Toluene	10.39	92	308019	20.90	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	134147	21.27	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	159852	21.17	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	85210	22.40	ug/l	96
56) Ethyl methacrylate	10.65	69	105073	21.79	ug/l	99
57) 1,3-Dichloropropane	10.94	76	142155	22.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	242936	115.92	ug/l	98
59) 2-Hexanone	10.98	43	217821	110.46	ug/l	99
60) Dibromochloromethane	11.13	129	92372	21.89	ug/l	100
61) 1,2-Dibromoethane	11.24	107	77489	22.22	ug/l	100
64) Tetrachloroethene	10.87	164	124416	22.78	ug/l	99
65) Chlorobenzene	11.66	112	341539	21.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	102446	21.28	ug/l	99
67) Ethyl Benzene	11.74	91	581296	20.70	ug/l	100
68) m/p-Xylenes	11.85	106	470800	41.60	ug/l	99
69) o-Xylene	12.17	106	218868	20.79	ug/l	99
70) Styrene	12.19	104	363547	21.16	ug/l	99
71) Bromoform	12.35	173	57033	21.85	ug/l #	100
73) Isopropylbenzene	12.47	105	581118	20.96	ug/l	100
74) N-amyl acetate	12.28	43	116822	22.14	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	96460	23.15	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	66122m	21.91	ug/l	
77) Bromobenzene	12.76	156	143240	21.93	ug/l	97
78) n-propylbenzene	12.81	91	702064	21.08	ug/l	99
79) 2-Chlorotoluene	12.90	91	409964	21.47	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	504819	21.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	26210	20.36	ug/l	95
82) 4-Chlorotoluene	12.99	91	431771	21.51	ug/l	100
83) tert-Butylbenzene	13.21	119	419224	20.30	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	509114	21.46	ug/l	100
85) sec-Butylbenzene	13.39	105	615901	20.75	ug/l	100
86) p-Isopropyltoluene	13.51	119	538301	20.49	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	290673	21.19	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	284886	21.15	ug/l	99
89) n-Butylbenzene	13.83	91	497687	20.15	ug/l	98
90) Hexachloroethane	14.10	117	88727	21.08	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	261528	21.69	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15506	22.38	ug/l	98

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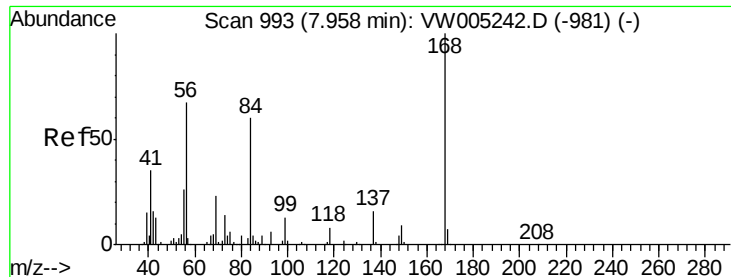
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	170511	19.99	ug/l	99
94) Hexachlorobutadiene	15.24	225	104577	19.15	ug/l	99
95) Naphthalene	15.38	128	282920	20.46	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	148656	20.26	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: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS02

Tot Ion:168 Resp: 501926

Ion Ratio Lower Upper

168 100

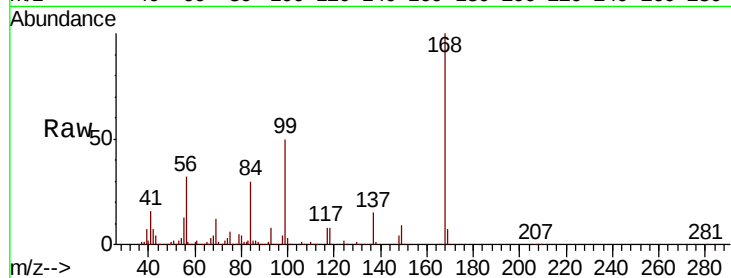
99 49.4 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

100000

50000

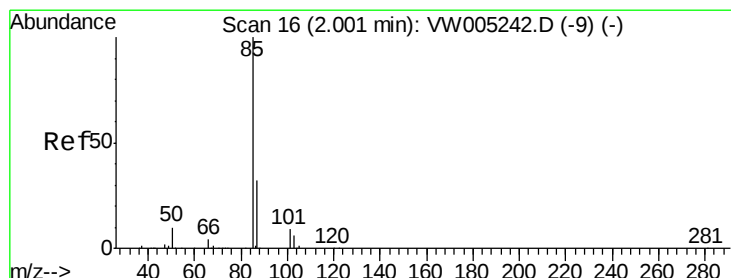
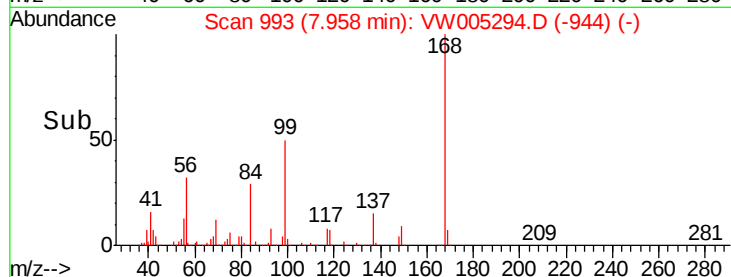
0

7.80

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.32 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005294.D

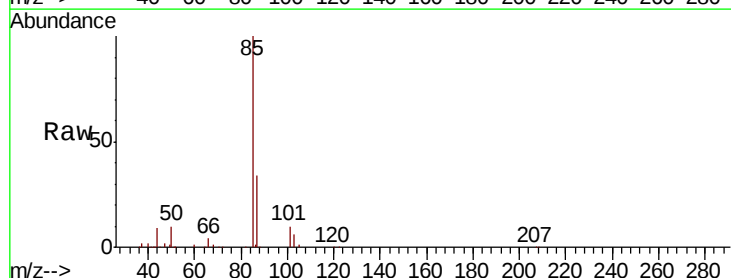
Acq: 12 Sep 2018 01:15

Tgt Ion: 85 Resp: 96647

Ion Ratio Lower Upper

85 100

87 33.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

40000

20000

0

1.90

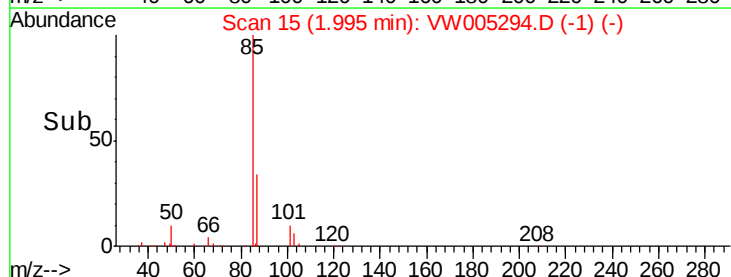
1.95

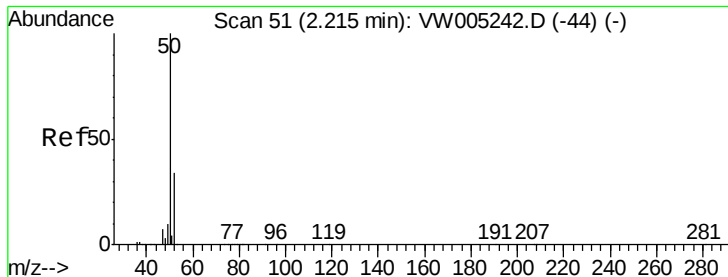
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 23.68 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS02

Tot Ion: 50 Resp: 137057

Ion Ratio Lower Upper

50 100

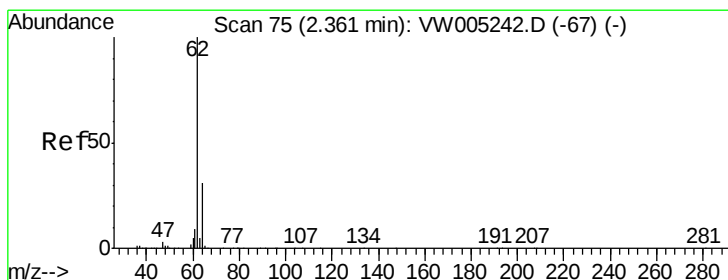
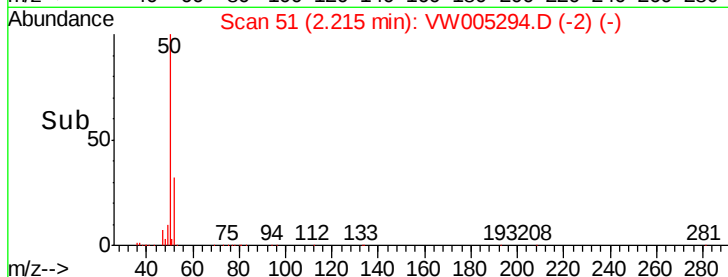
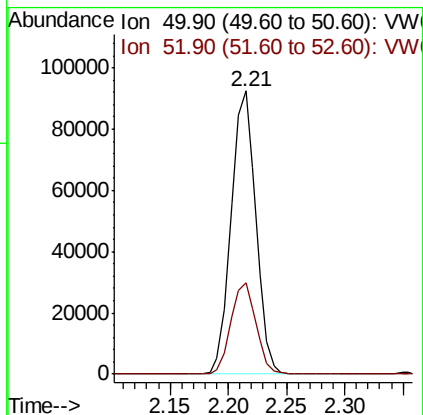
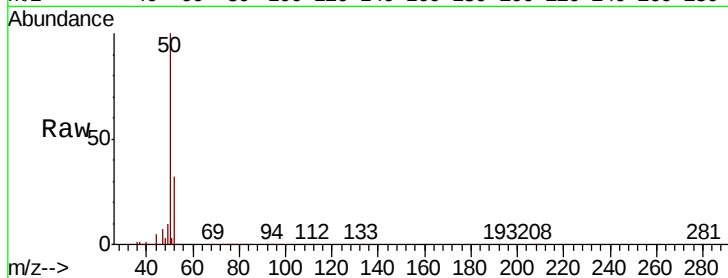
52 32.3 27.0 40.4

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#4

Vinyl Chloride

Concen: 23.13 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW005294.D

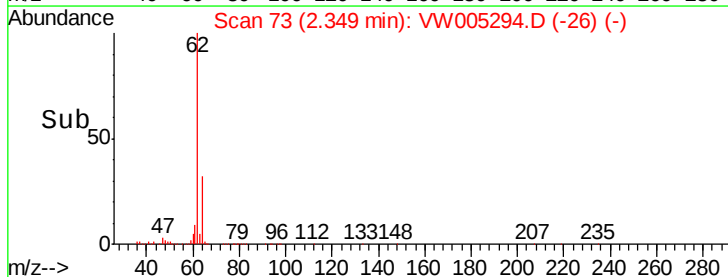
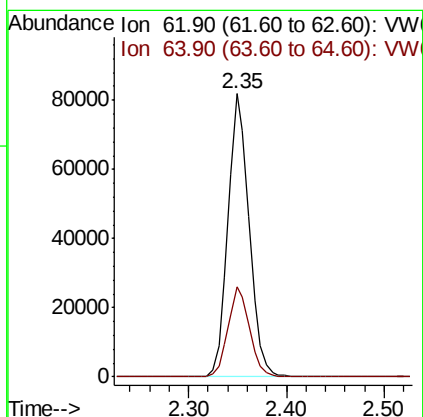
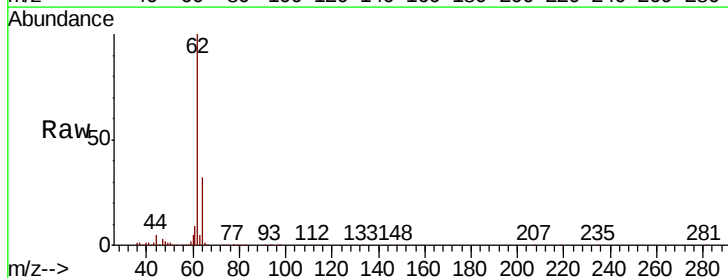
Acq: 12 Sep 2018 01:15

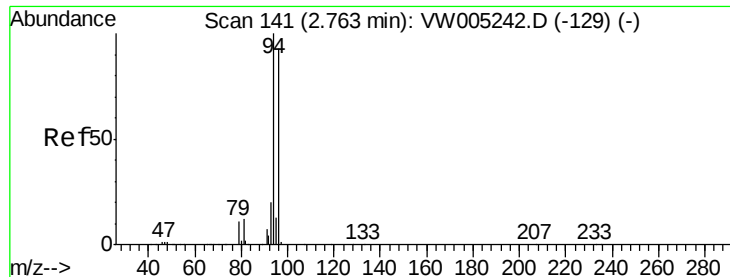
Tgt Ion: 62 Resp: 122894

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0





#5

Bromomethane

Concen: 26.19 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.03 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampled :

VW0911SBS02

Tot Ion: 94 Resp: 88994

Ion Ratio Lower Upper

94 100

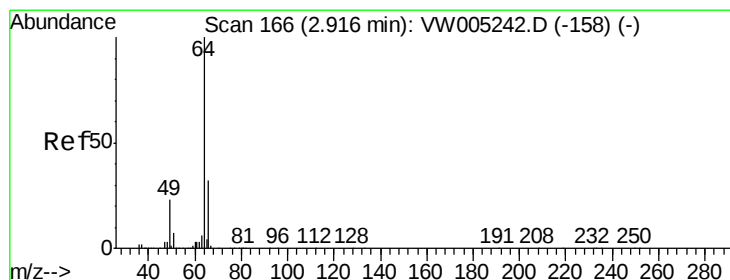
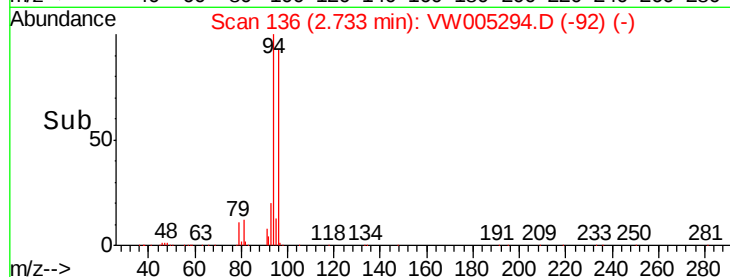
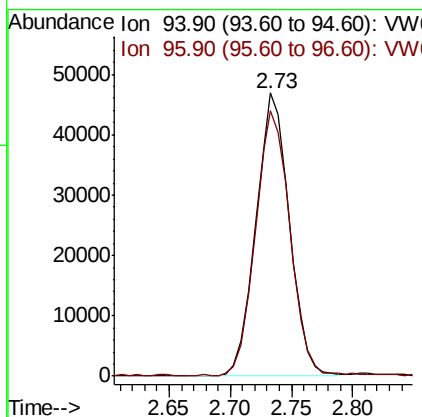
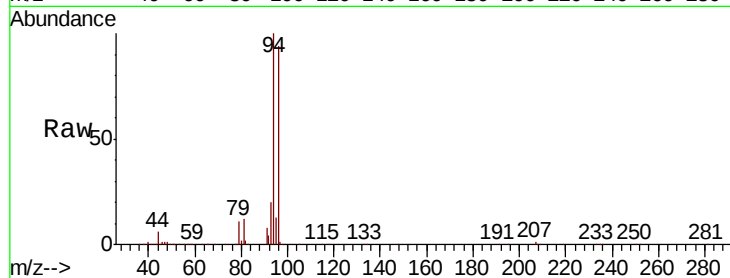
96 93.7 74.1 111.1

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#6

Chloroethane

Concen: 23.10 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW005294.D

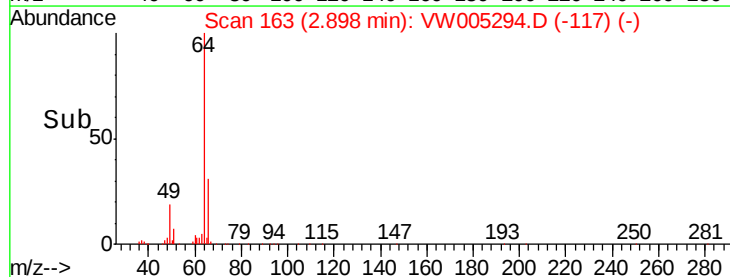
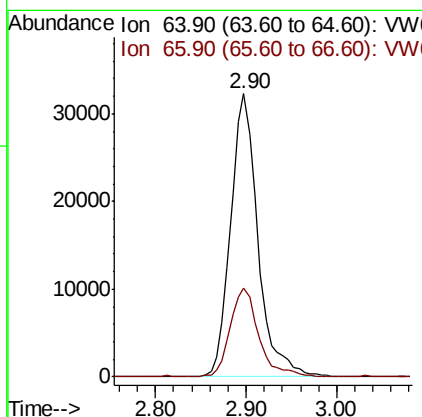
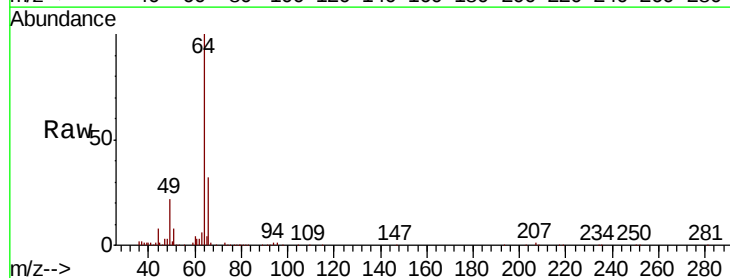
Acq: 12 Sep 2018 01:15

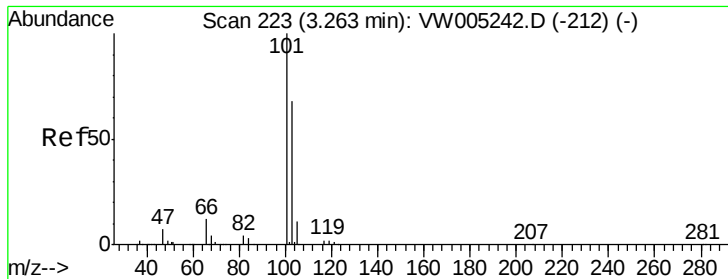
Tgt Ion: 64 Resp: 67612

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9





#7

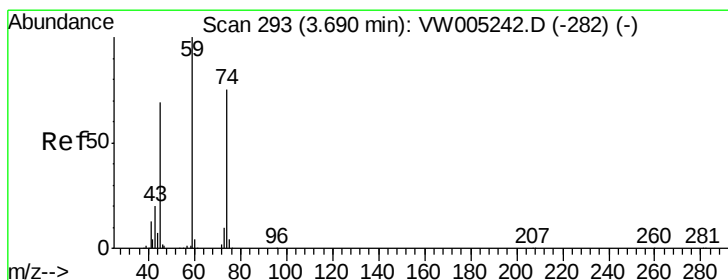
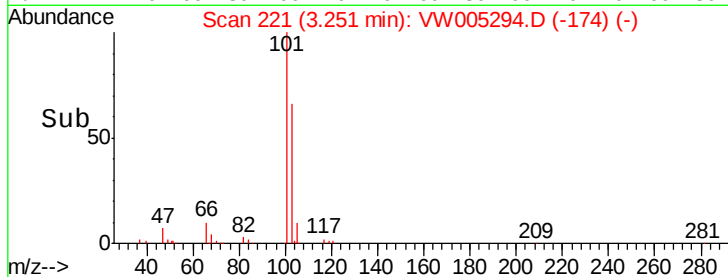
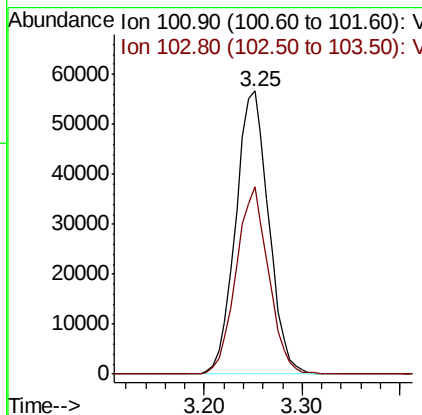
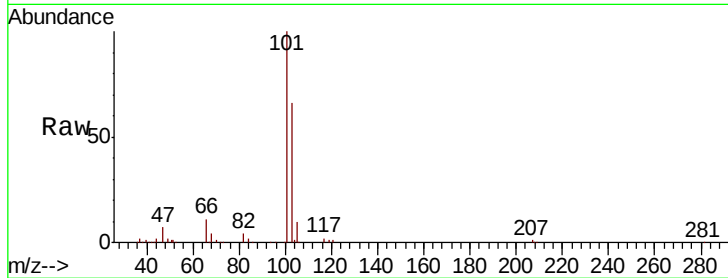
Trichlorofluoromethane
 Concen: 22.07 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

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 ClientSampleId :
 VW0911SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	54.1	81.1

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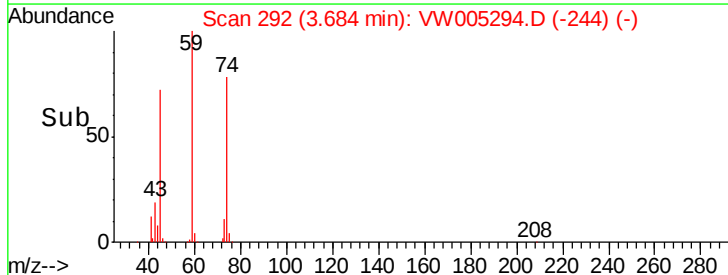
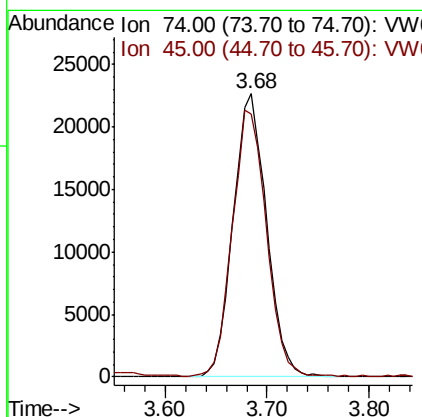
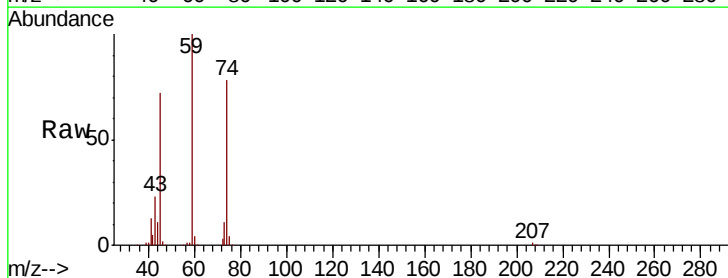
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 9/12/2018 2:20:42 PM

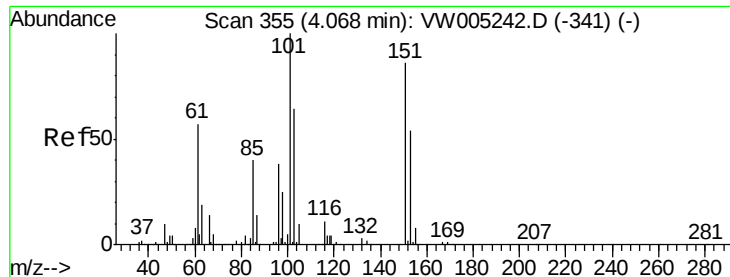


#8

Diethyl Ether
 Concen: 23.99 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.92 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

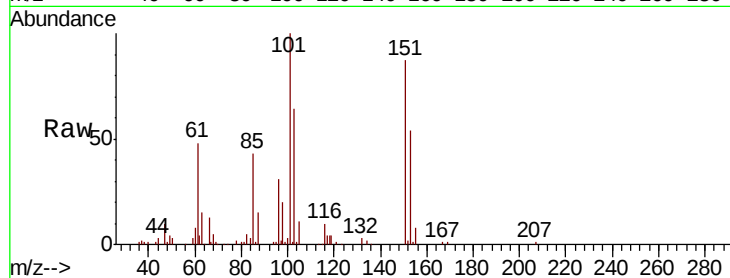
ClientSampleId :

VW0911SBS02

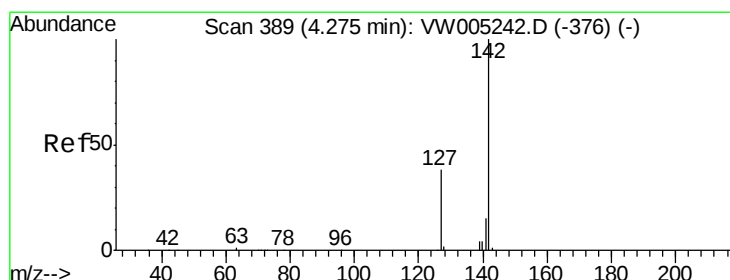
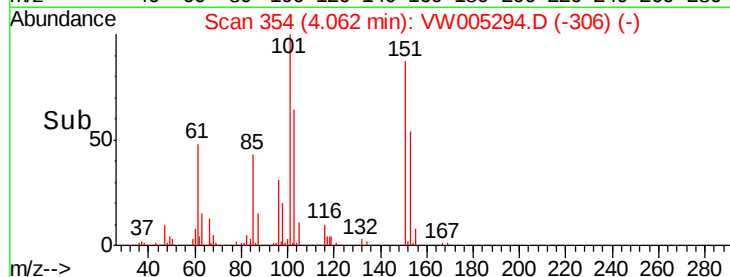
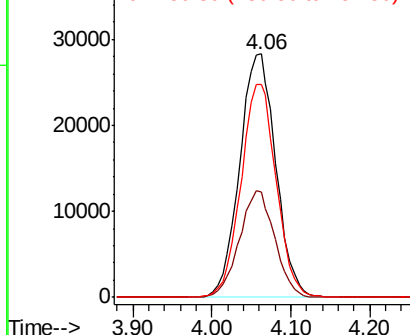
Tot Ion:	101	Resp:	89826
Ion Ratio	Lower	Upper	
101	100		
85	42.9	32.7	49.1
151	85.7	67.6	101.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.01 ug/l

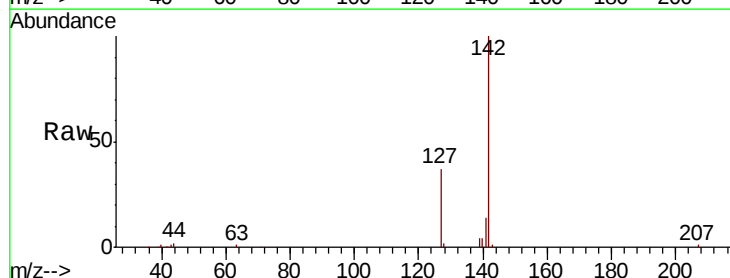
RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

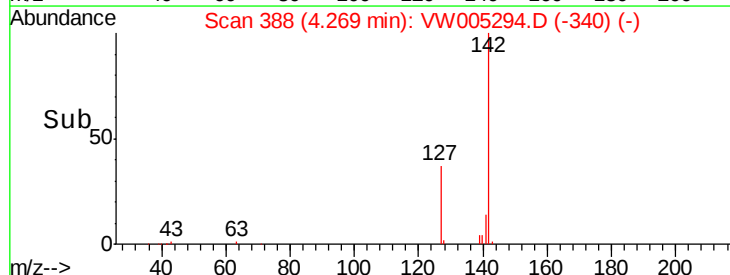
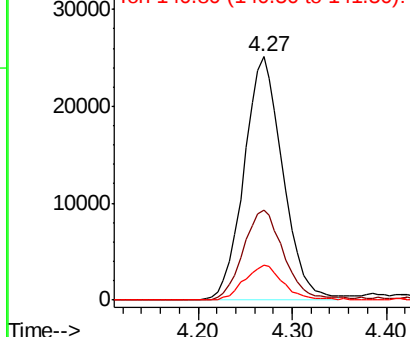
Lab File: VW005294.D

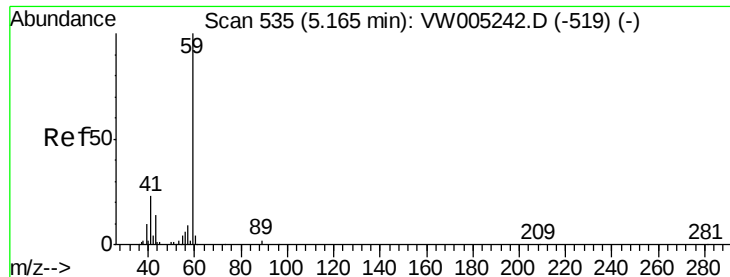
Acq: 12 Sep 2018 01:15

Tgt Ion:	142	Resp:	72509
Ion Ratio	Lower	Upper	
142	100		
127	38.7	30.3	45.5
141	14.5	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

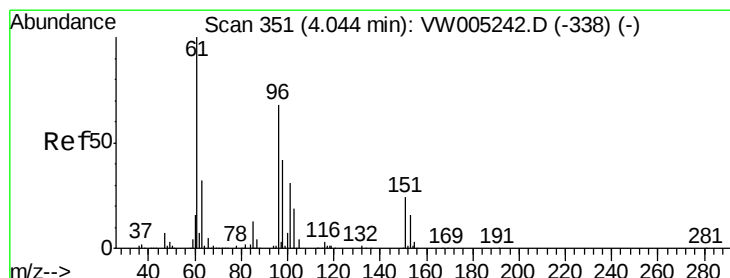
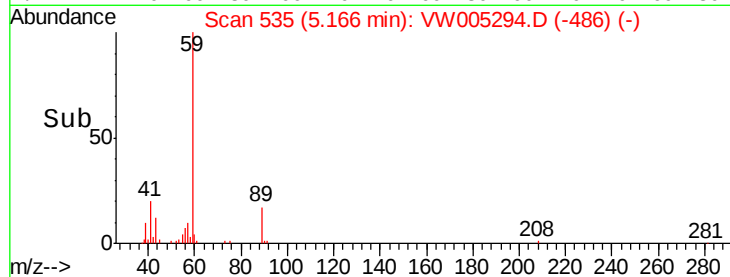
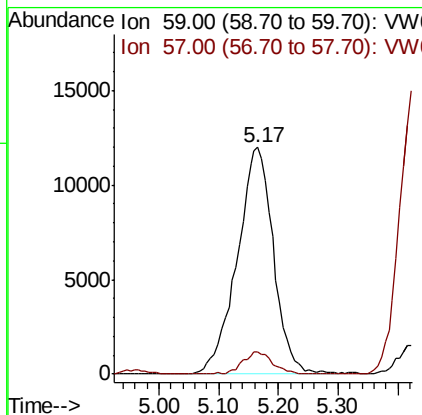
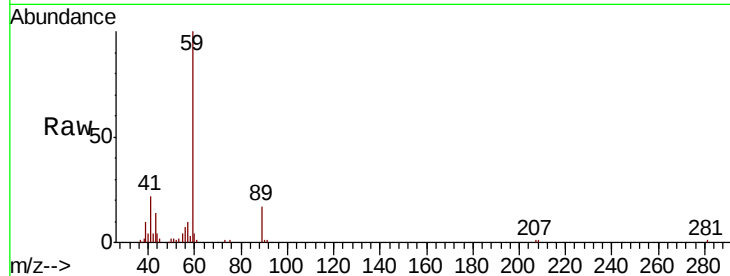
Tert butyl alcohol
Concen: 165.22 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampled :
VW0911SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.1	8.1	12.1

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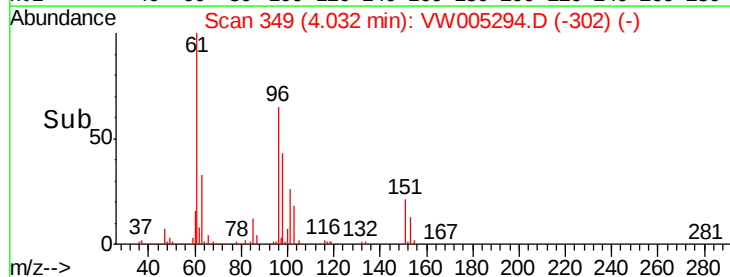
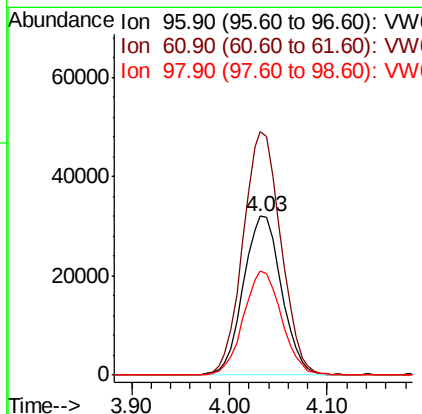
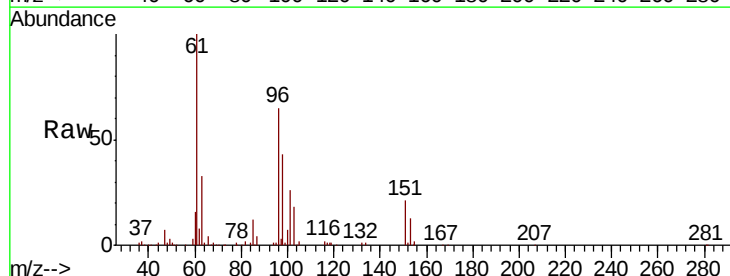
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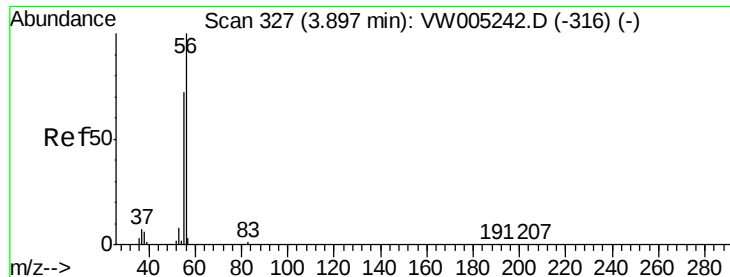


#12

1,1-Dichloroethene
Concen: 22.02 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.1	118.2	177.2
98	65.7	49.9	74.9





#13

Acrolein

Concen: 104.47 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS02

Tot Ion: 56 Resp: 30983

Ion Ratio Lower Upper

56 100

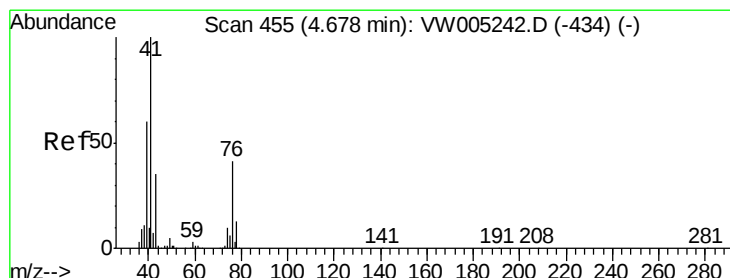
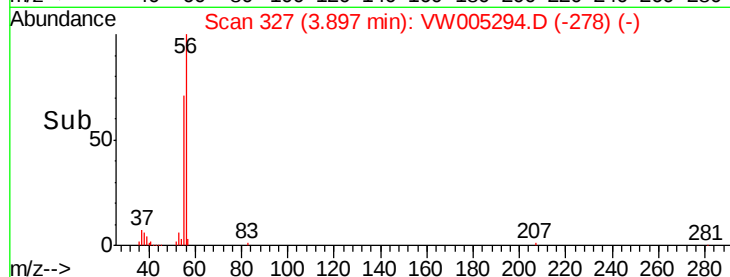
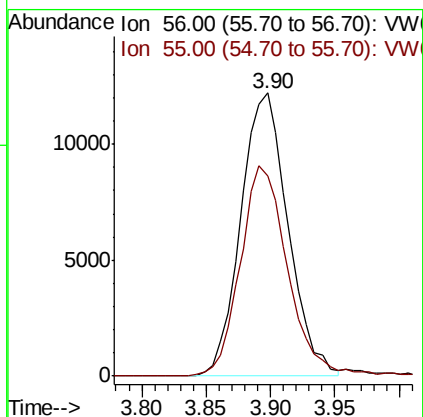
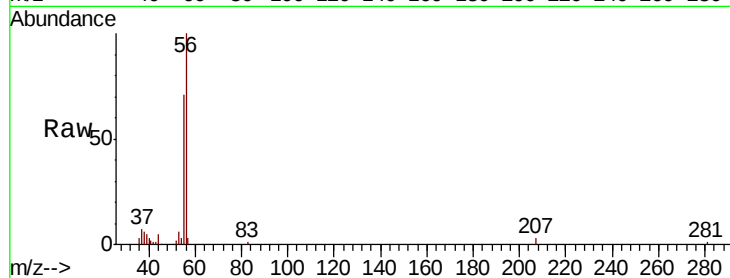
55 75.1 56.8 85.2

Manual Integrations

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#14

Allyl chloride

Concen: 22.75 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

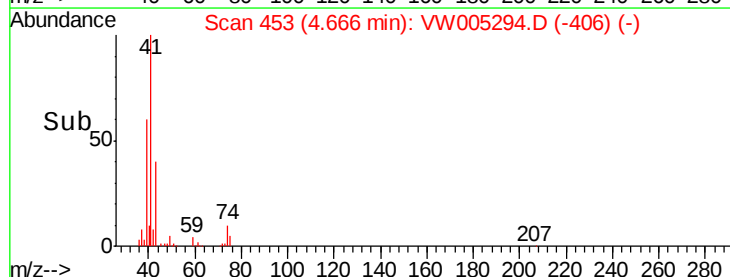
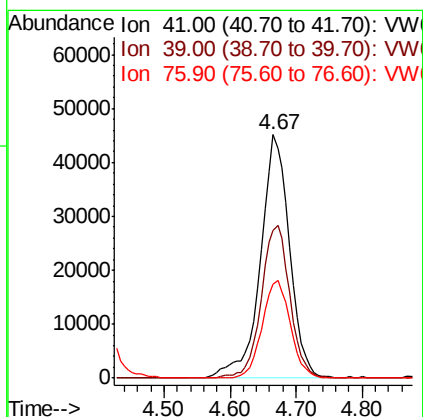
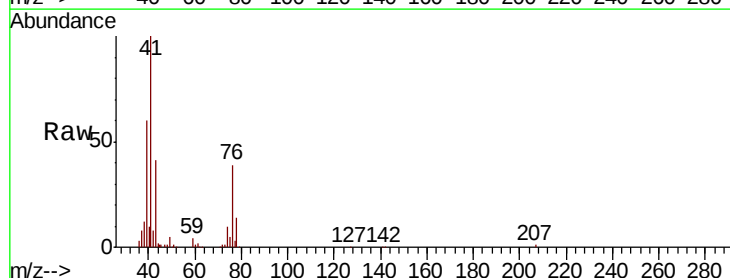
Tgt Ion: 41 Resp: 138204

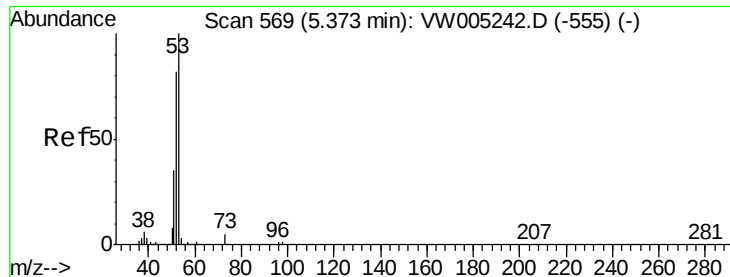
Ion Ratio Lower Upper

41 100

39 61.7 48.2 72.4

76 38.8 31.7 47.5





#15

Acrylonitrile

Concen: 126.83 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

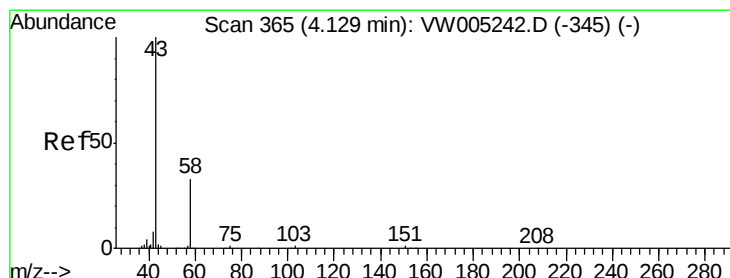
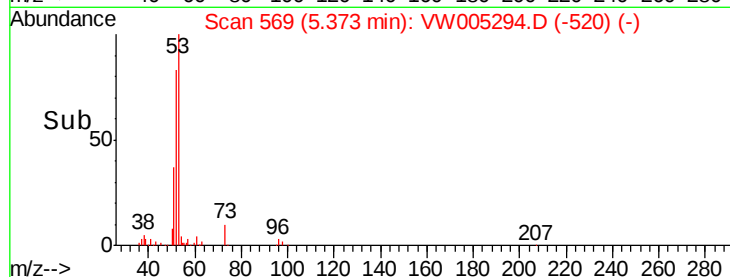
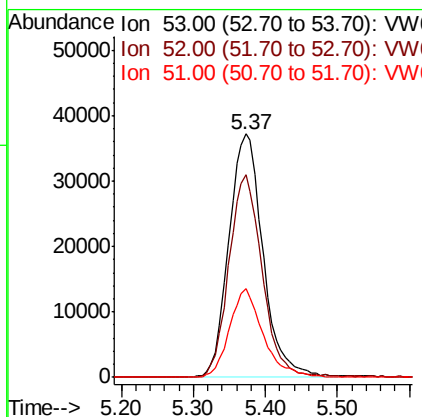
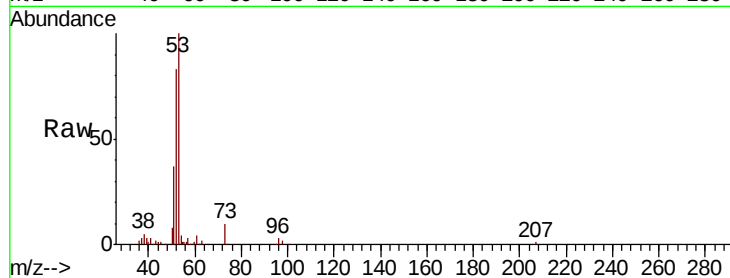
ClientSampleId :

VW0911SBS02

Tot Ion:	53	Resp:	122592
Ion Ratio	Lower	Upper	
53	100		
52	81.1	66.0	99.0
51	35.9	28.6	43.0

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#16

Acetone

Concen: 127.49 ug/l

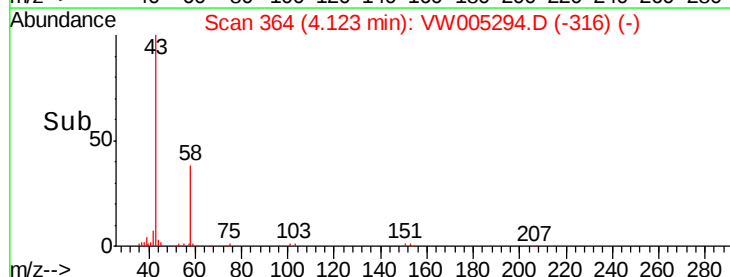
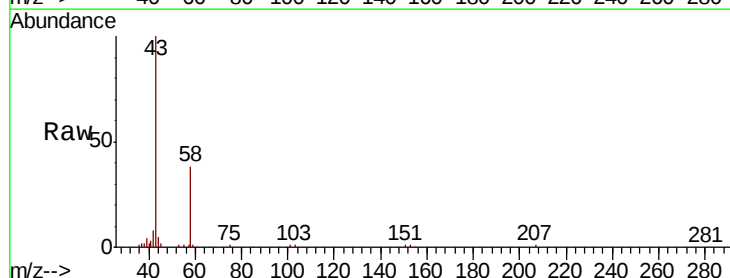
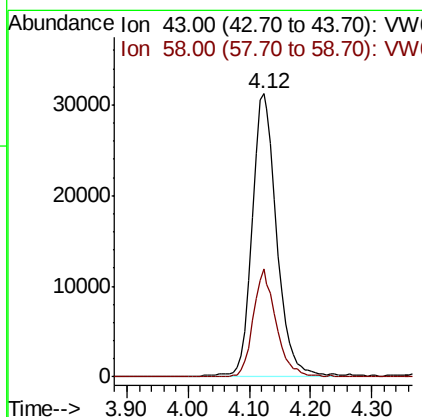
RT: 4.12 min Scan# 364

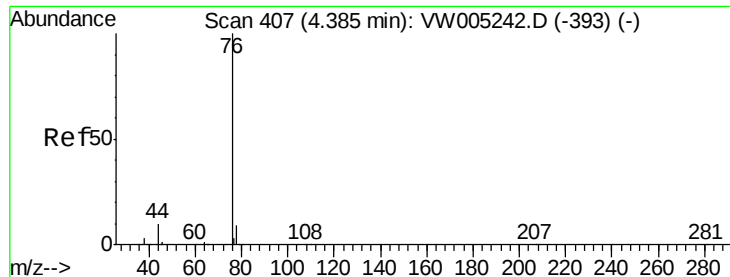
Delta R.T. -0.01 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Tgt Ion:	43	Resp:	88594
Ion Ratio	Lower	Upper	
43	100		
58	38.0	26.7	40.1





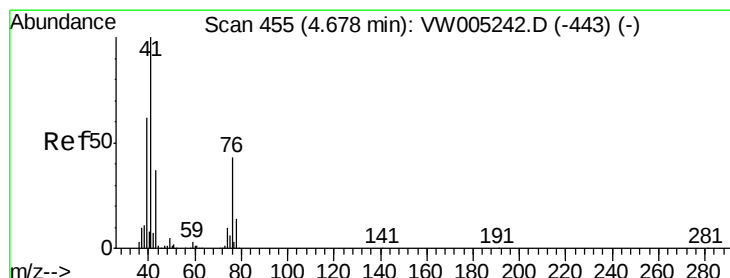
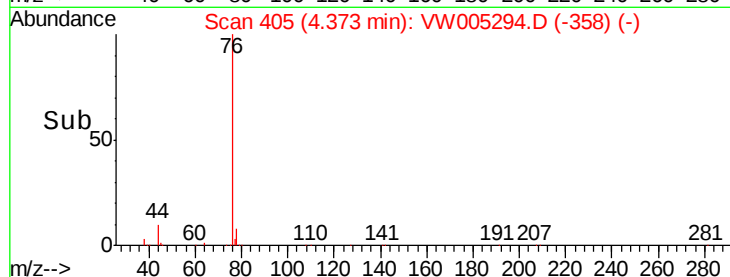
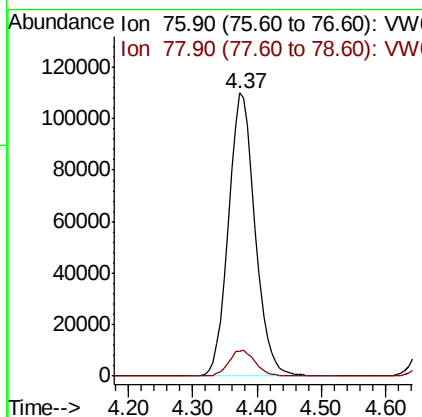
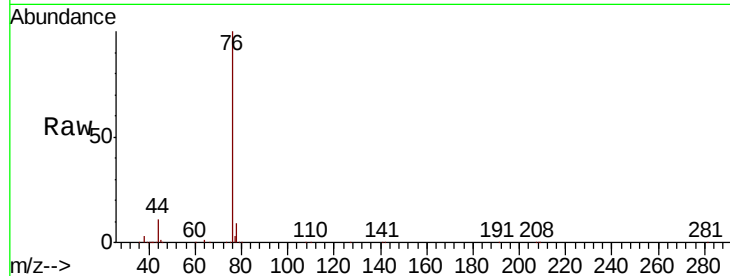
#17
Carbon Disulfide
Concen: 22.94 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

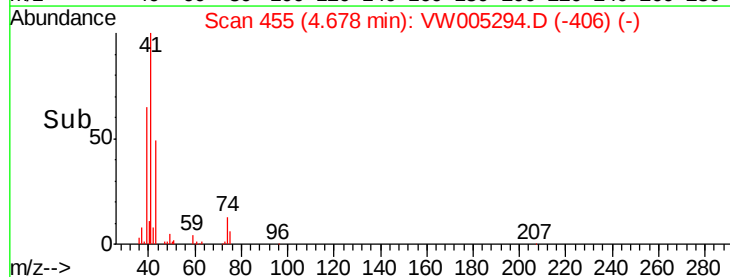
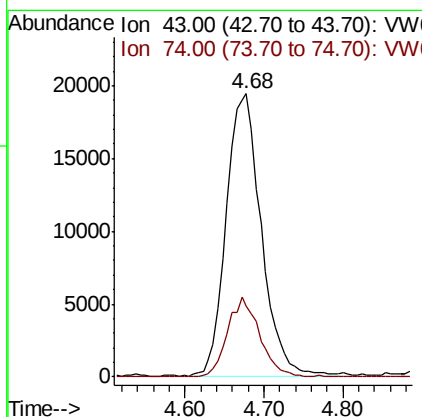
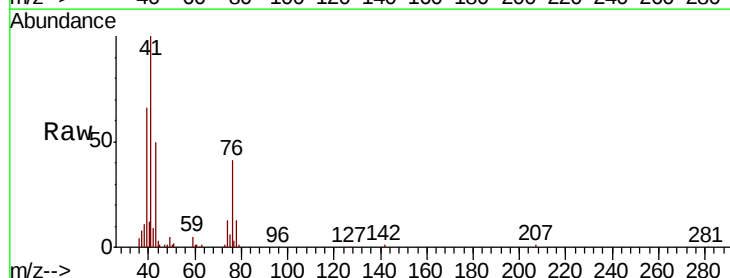
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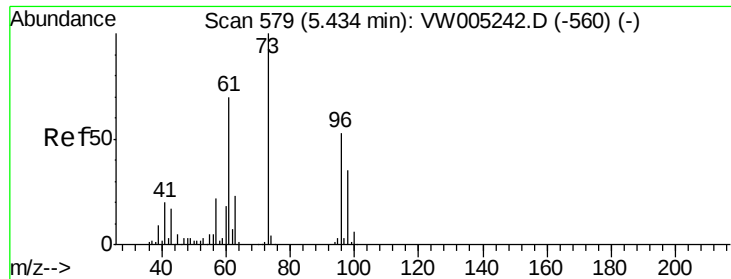
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#18
Methyl Acetate
Concen: 29.23 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	21.4	32.2





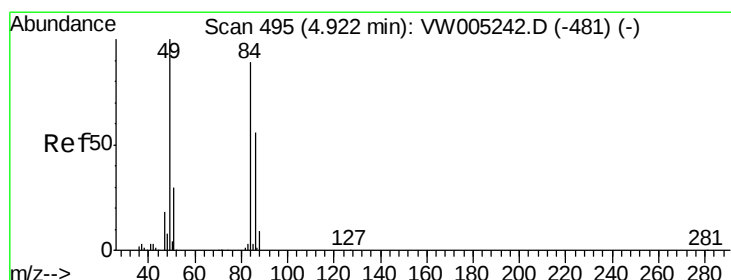
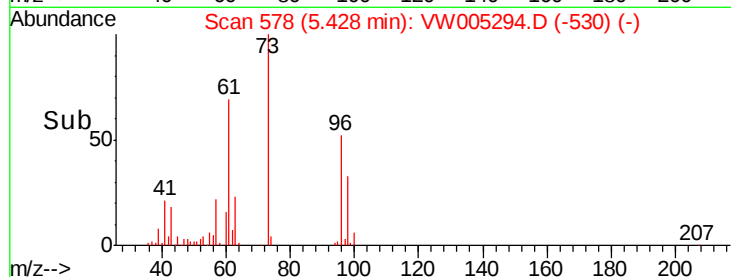
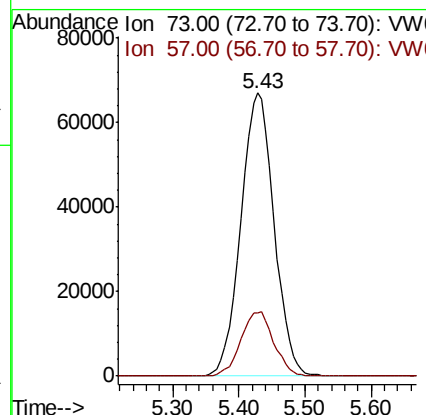
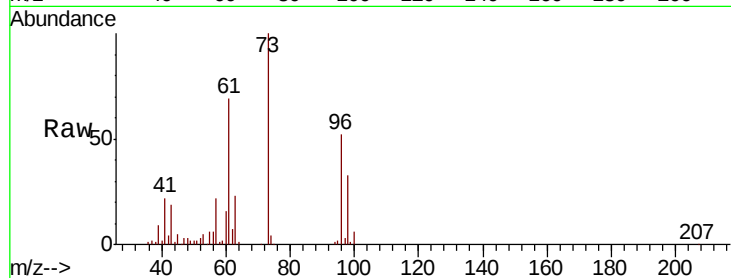
#19
Methyl tert-butyl Ether
Concen: 24.84 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampled :
VW0911SBS02

Tot Ion: 73 Resp: 233908
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.2

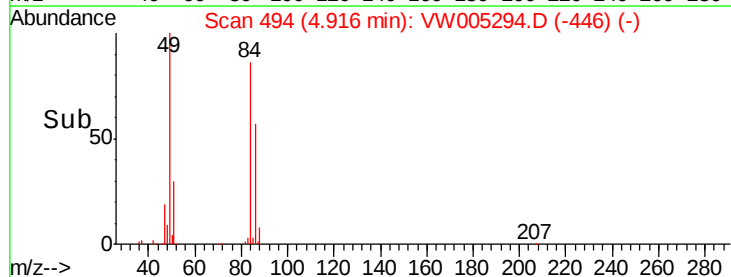
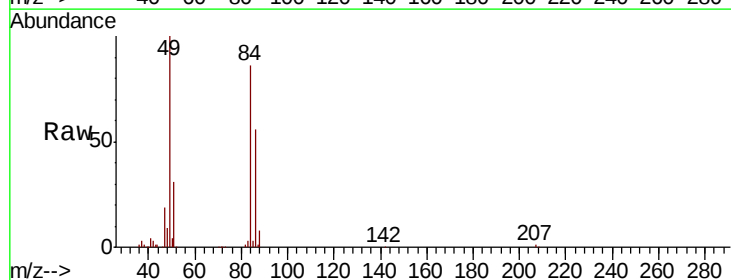
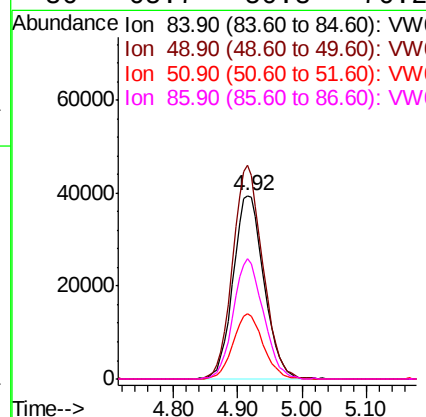
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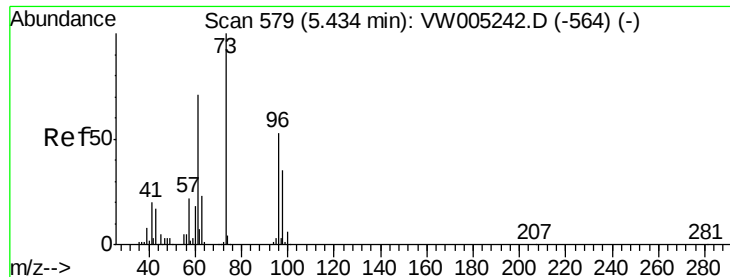
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#20
Methylene Chloride
Concen: 23.82 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion: 84 Resp: 131921
Ion Ratio Lower Upper
84 100
49 116.4 90.3 135.5
51 35.7 26.9 40.3
86 65.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 22.45 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

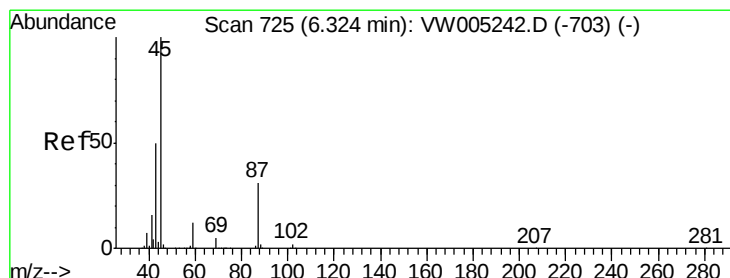
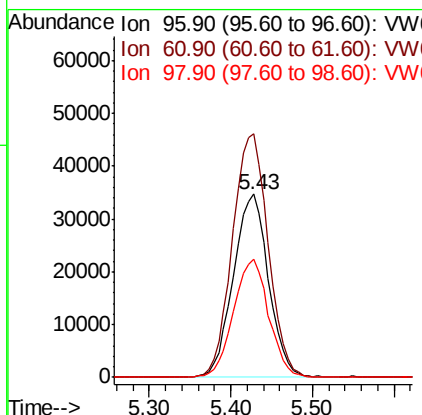
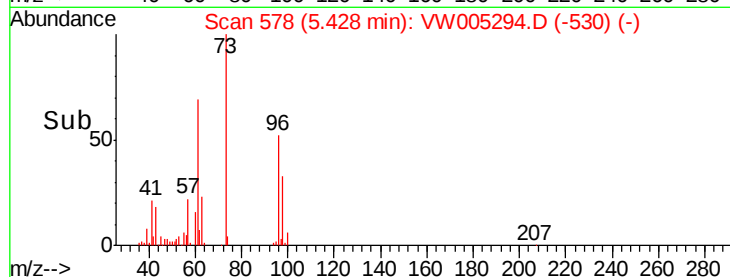
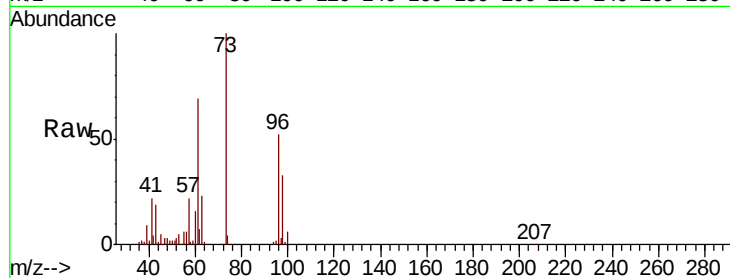
ClientSampleId :

VW0911SBS02

Tot Ion:	96	Resp:	103655
Ion	Ratio	Lower	Upper
96	100		
61	133.1	105.7	158.5
98	64.5	52.8	79.2

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#22

Diisopropyl ether

Concen: 24.91 ug/l

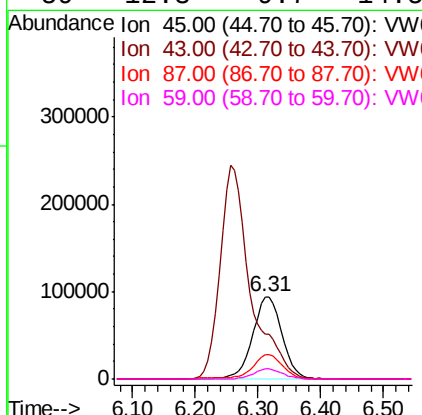
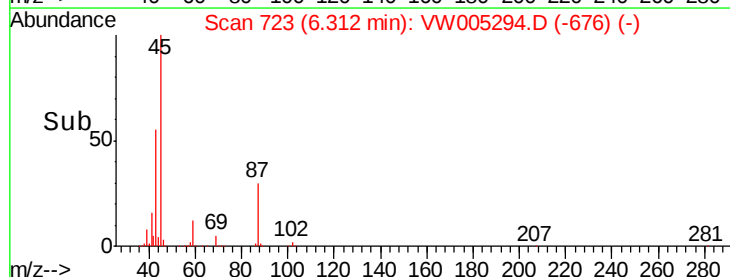
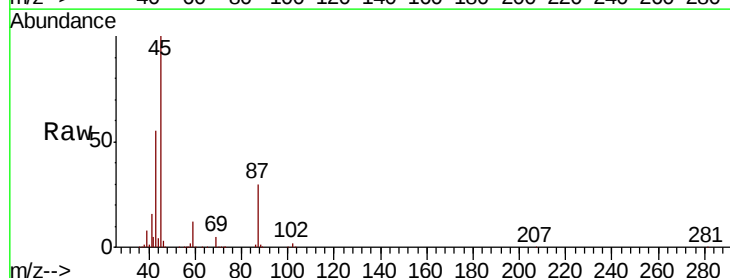
RT: 6.31 min Scan# 723

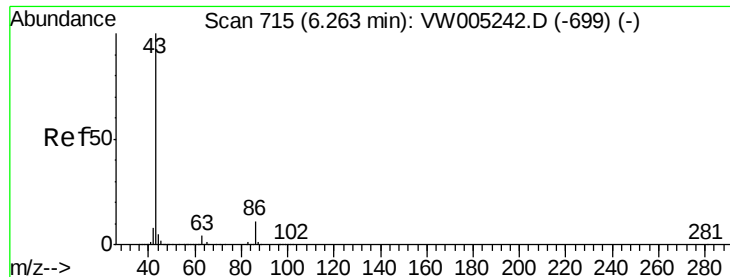
Delta R.T. -0.01 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Tgt Ion:	45	Resp:	304680
Ion	Ratio	Lower	Upper
45	100		
43	55.0	39.6	59.4
87	29.8	24.7	37.1
59	12.3	9.7	14.5





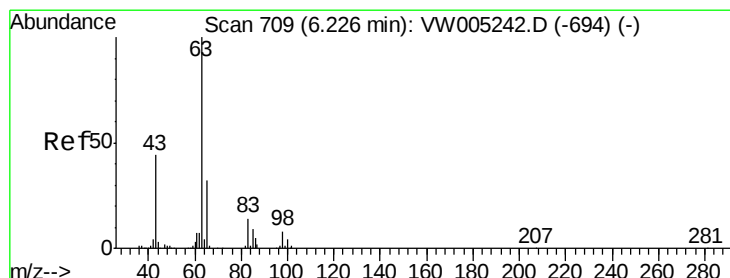
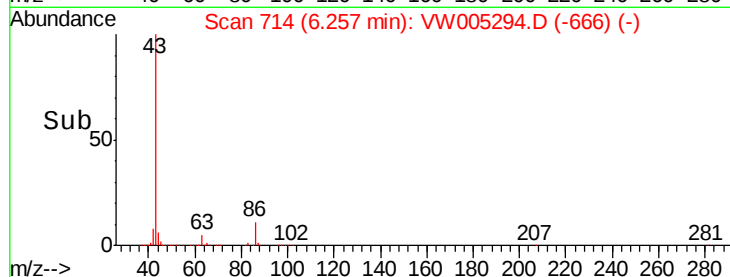
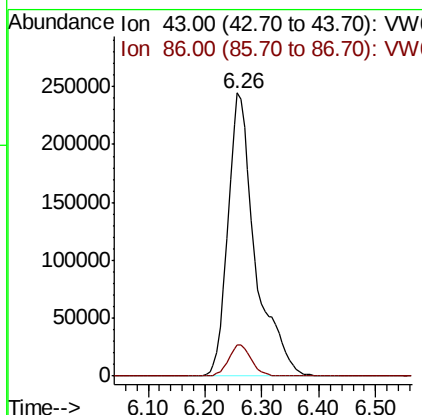
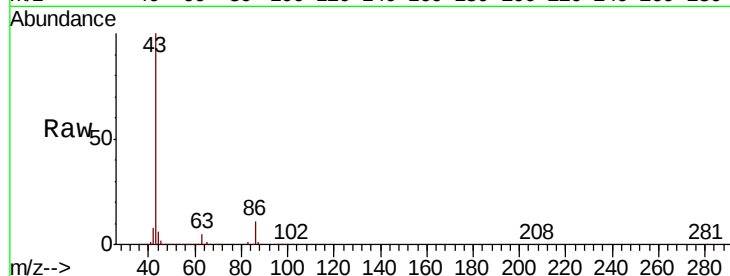
#23
 Vinyl Acetate
 Concen: 119.95 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Tot Ion	Ratio	Resp	Lower	Upper
43	100	817587		
86	11.1		8.9	13.3

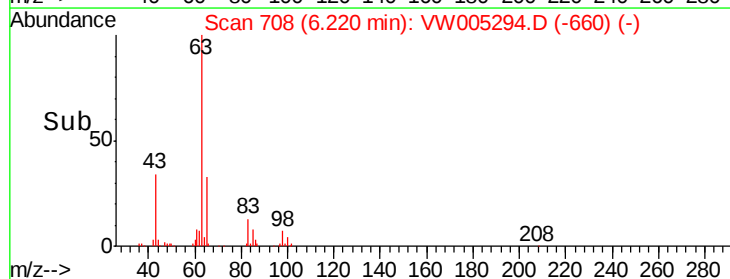
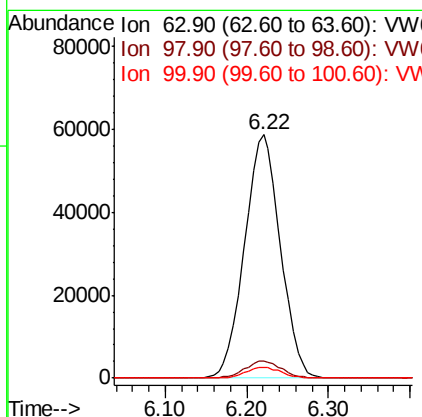
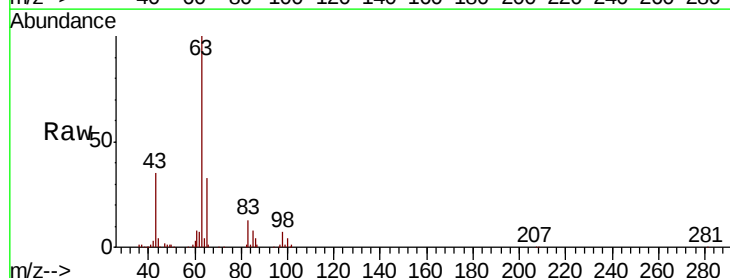
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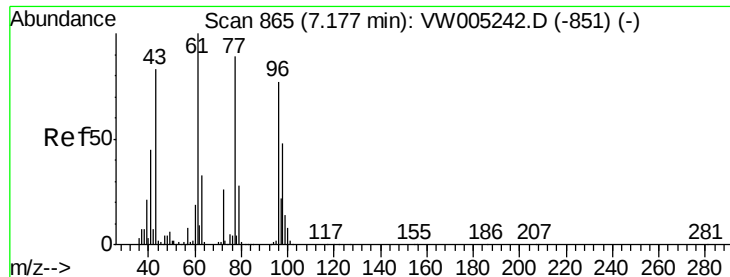
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#24
 1,1-Dichloroethane
 Concen: 23.81 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	179275		
98	7.1		3.8	11.4
100	4.3		2.2	6.6





#25

2-Butanone

Concen: 133.49 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampled :

VW0911SBS02

Tot Ion: 43 Resp: 146320

Ion Ratio Lower Upper

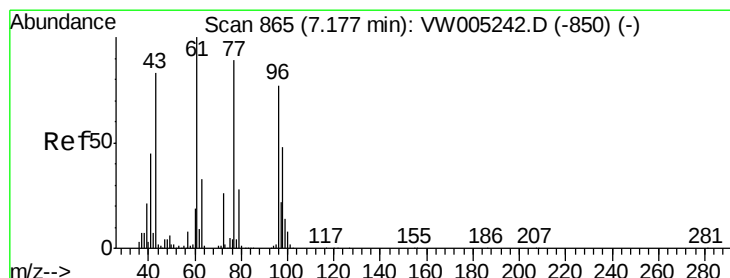
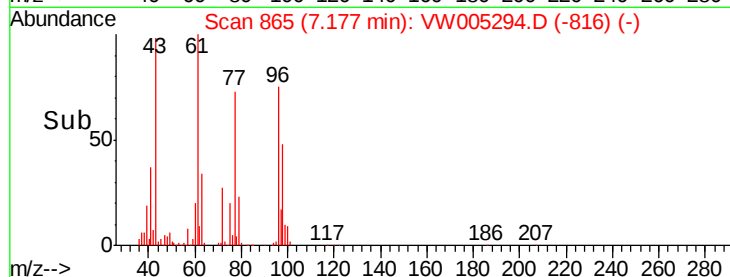
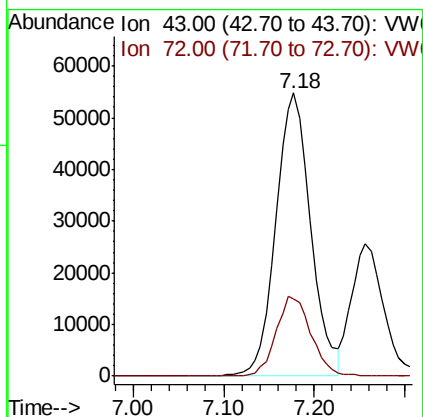
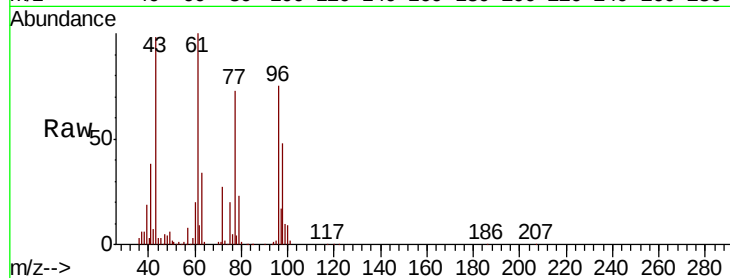
43 100

72 27.4 25.0 37.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.80 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005294.D

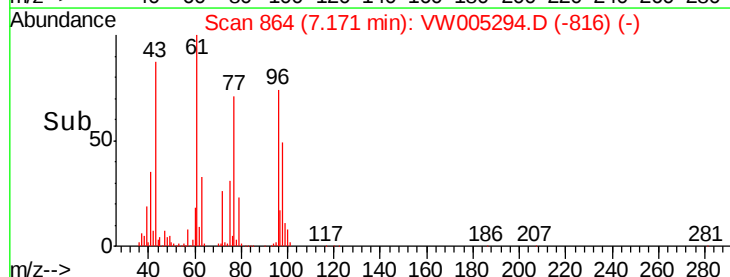
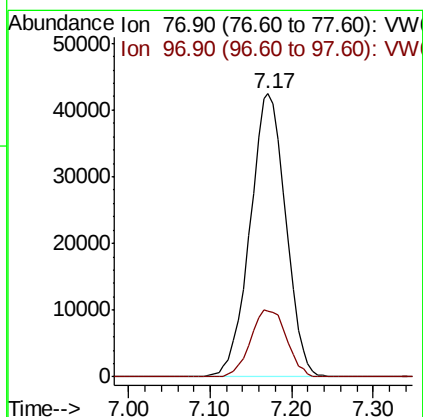
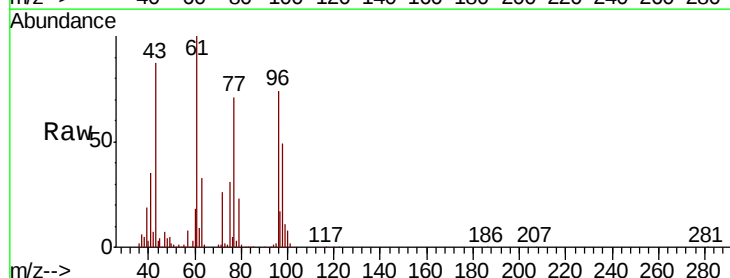
Acq: 12 Sep 2018 01:15

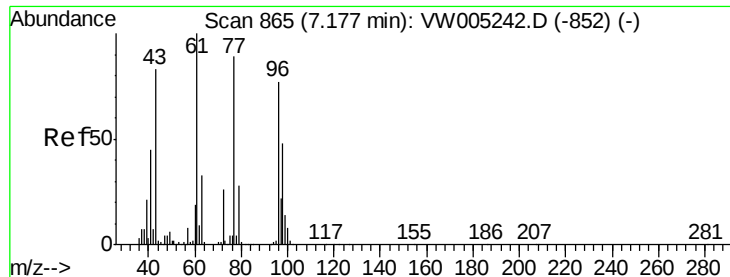
Tgt Ion: 77 Resp: 129259

Ion Ratio Lower Upper

77 100

97 23.9 12.2 36.6





#27

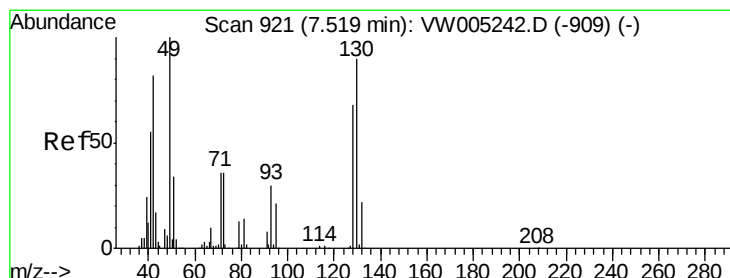
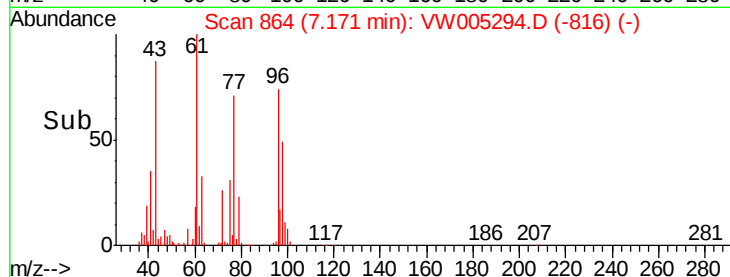
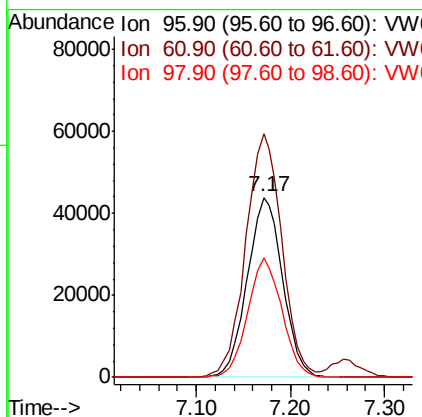
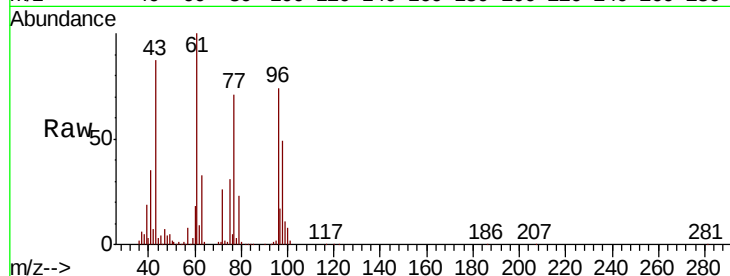
cis-1,2-Dichloroethene
Concen: 23.40 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	11590		
61	138.4	0.0	273.4	
98	64.5	0.0	127.8	

Manual Integrations
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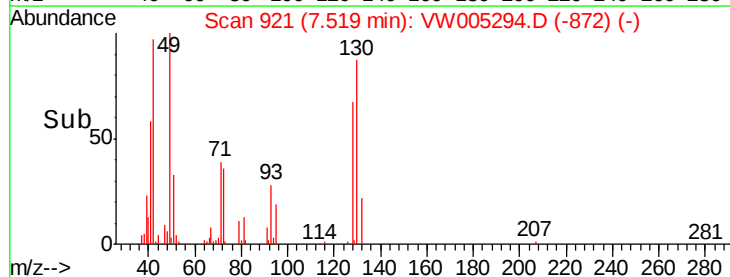
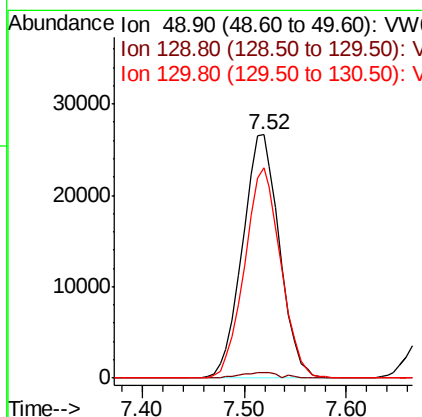
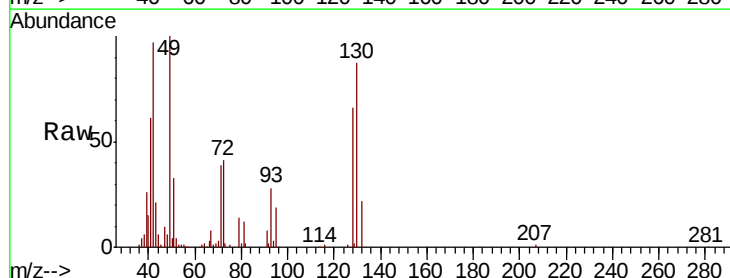
apatel
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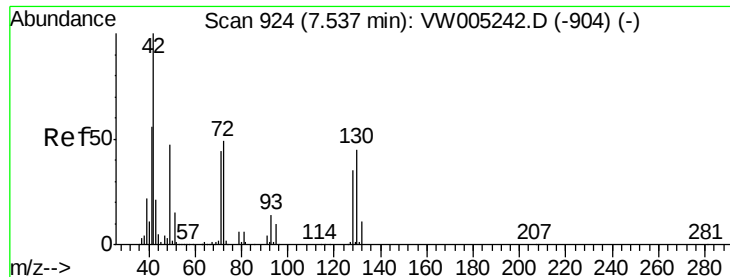


#28

Bromochloromethane
Concen: 24.13 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	67014		
129	2.4	0.0	2.0#	
130	84.7	71.2	106.8	





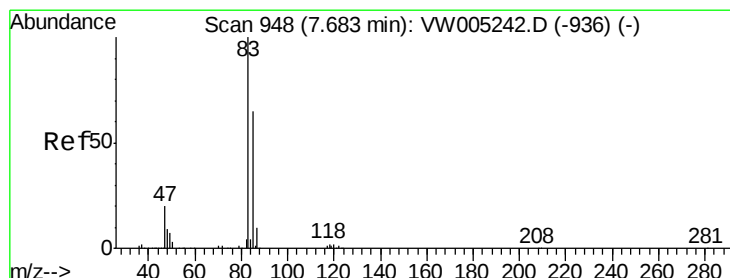
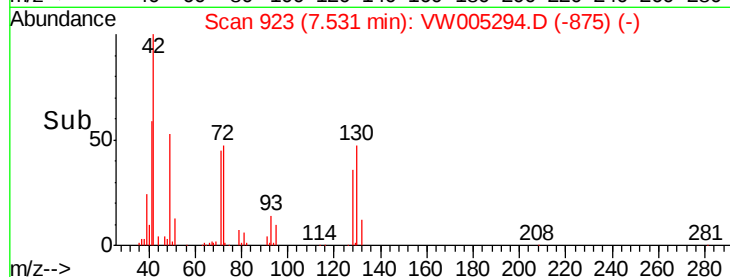
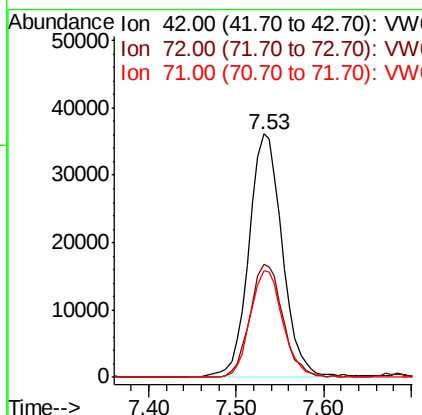
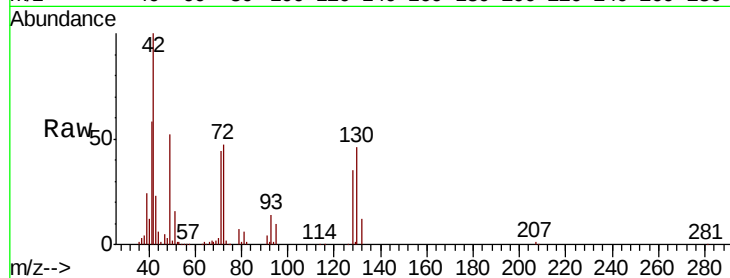
#29
Tetrahydrofuran
Concen: 129.23 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	37.5	56.3
71	43.3	34.8	52.2

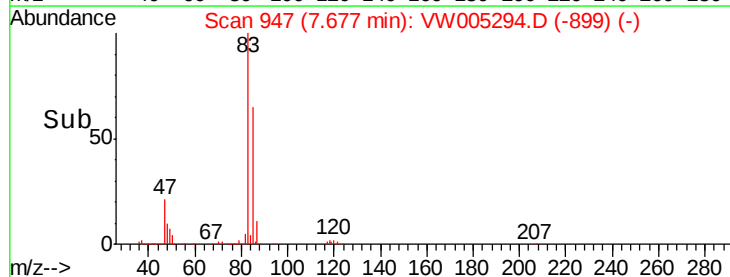
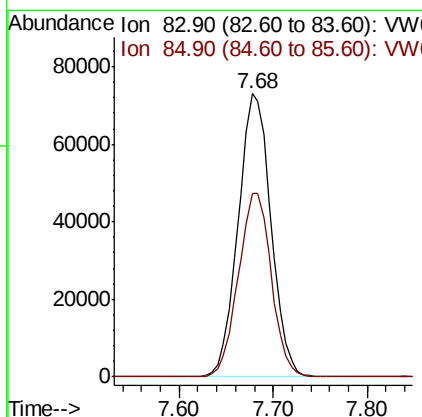
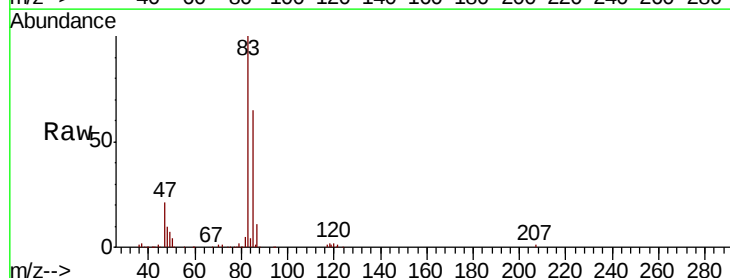
Manual Integrations
APPROVED

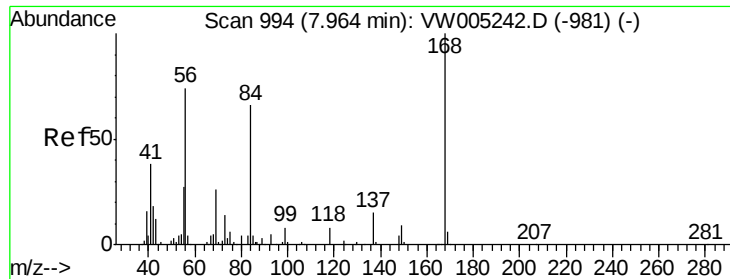
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#30
Chloroform
Concen: 23.52 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.7	77.5





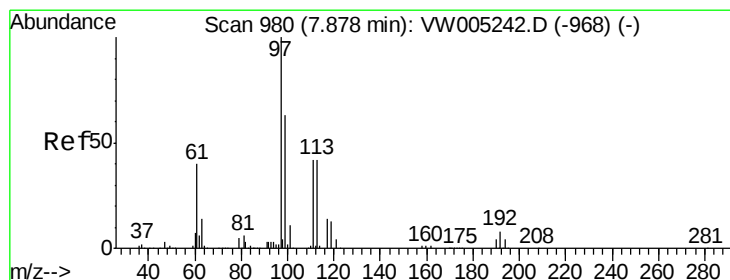
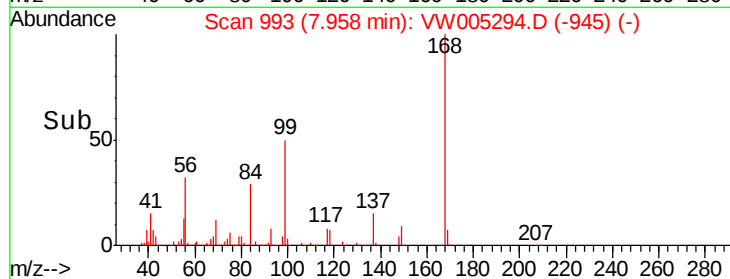
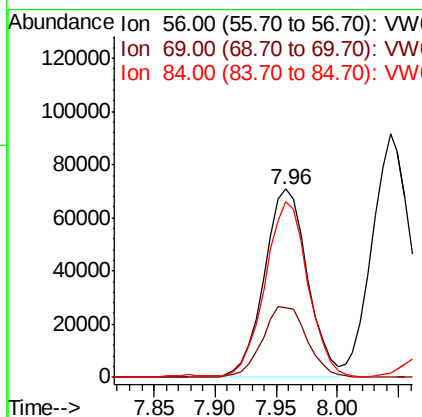
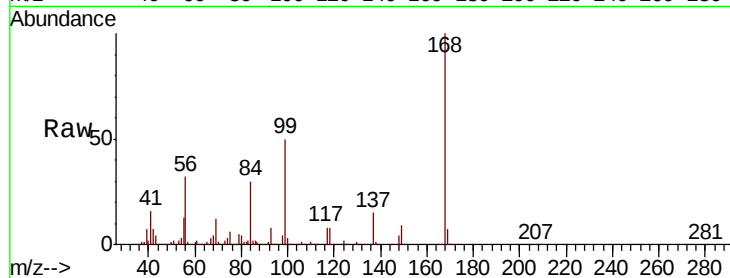
#31
Cyclohexane
Concen: 21.80 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.2	27.8	41.8
84	91.7	72.1	108.1

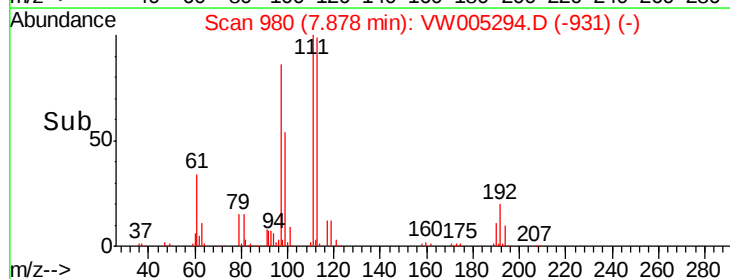
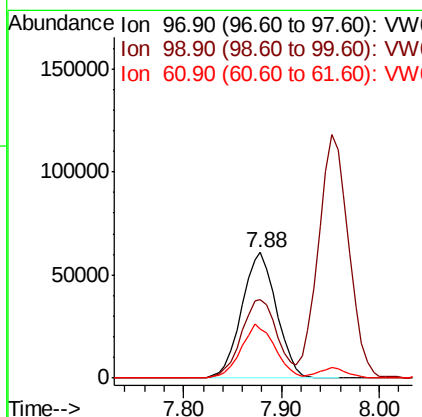
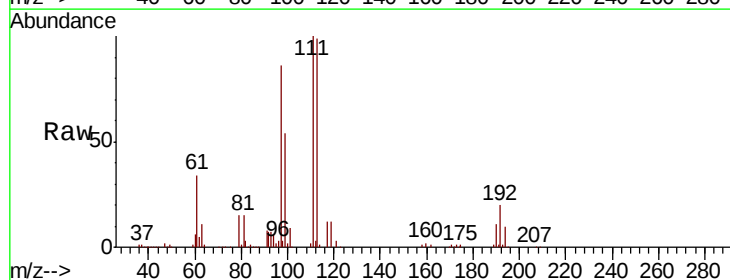
Manual Integrations
APPROVED

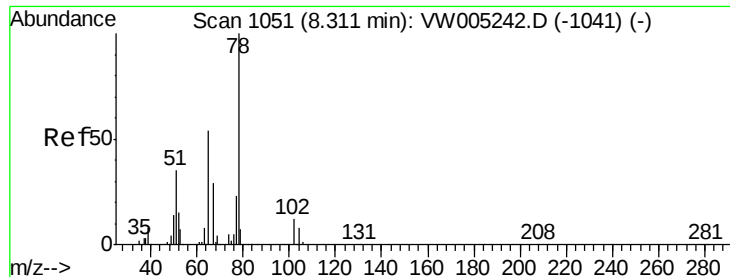
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.98 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.5	77.3
61	41.7	32.5	48.7





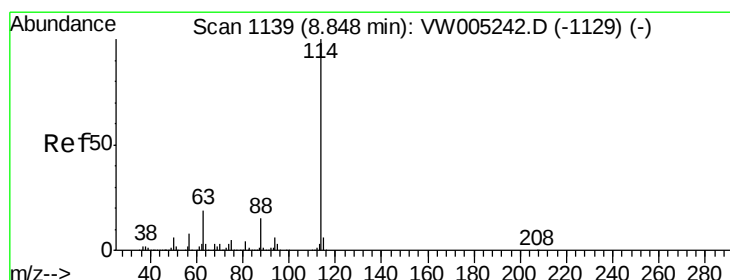
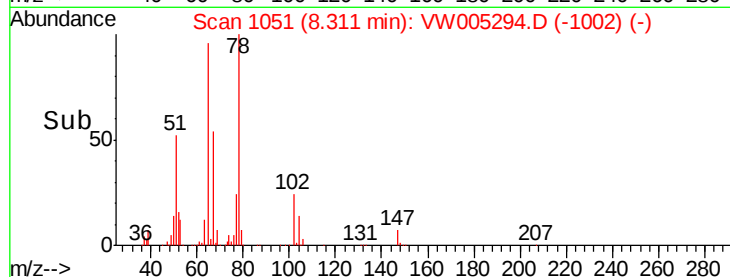
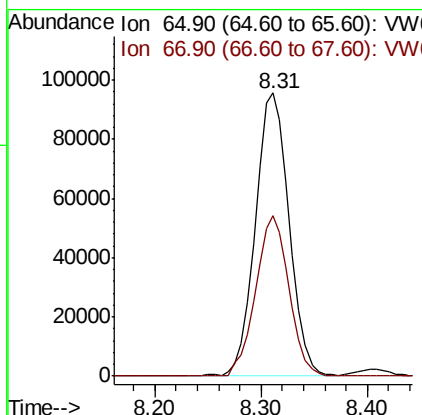
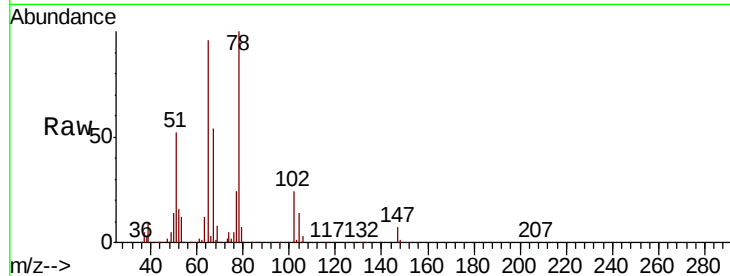
#33
 1,2-Dichloroethane-d4
 Concen: 56.61 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.9	0.0	112.2	

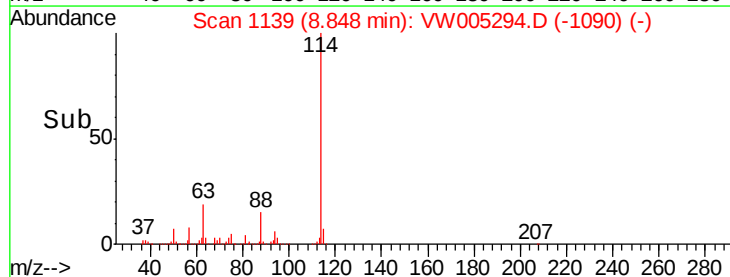
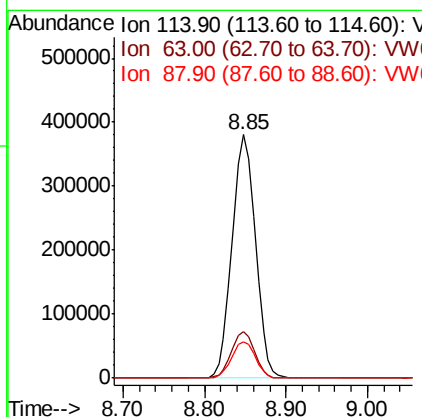
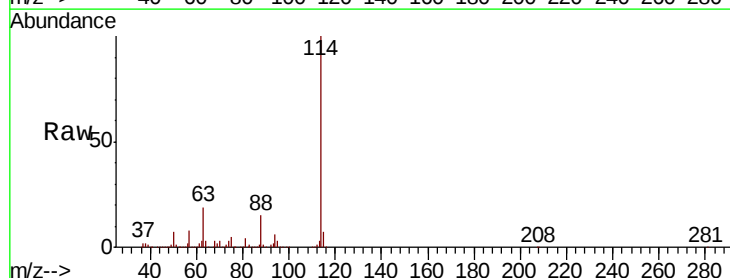
Manual Integrations
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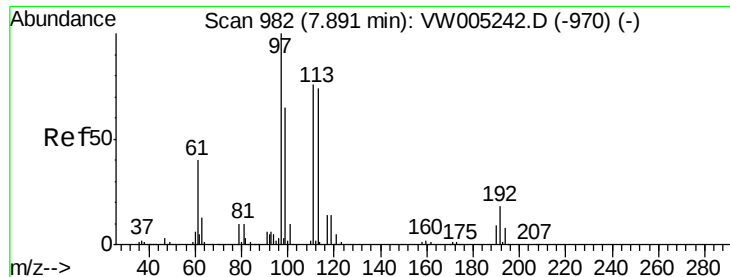
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.3	0.0	37.0	
88	15.0	0.0	30.4	





#35

Dibromofluoromethane

Concen: 52.50 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

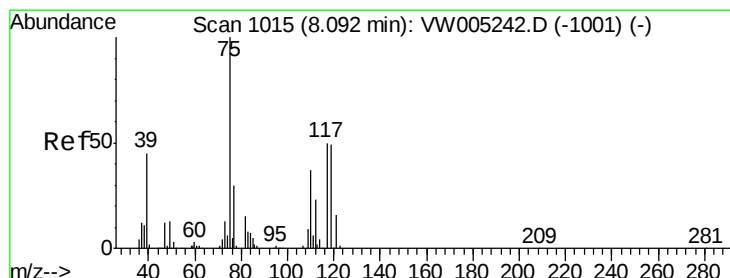
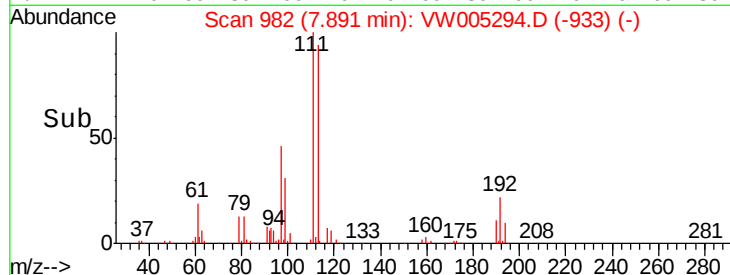
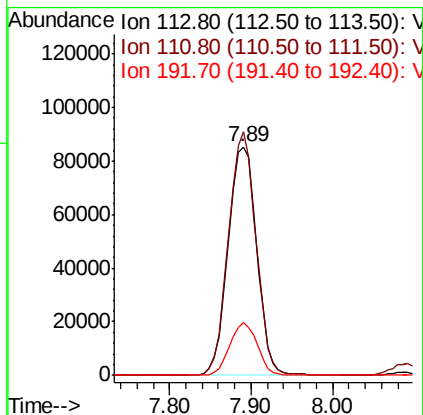
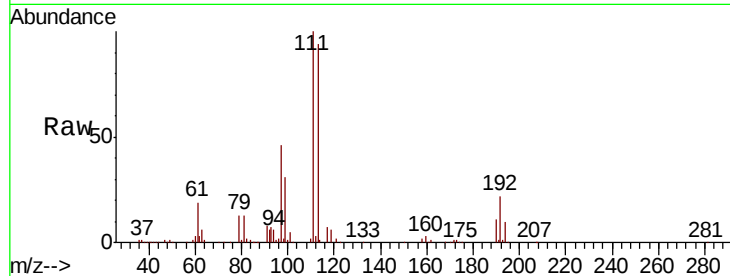
ClientSampleId :

VW0911SBS02

Tot Ion:	113	Resp:	206580
Ion Ratio	Lower	Upper	
113	100		
111	102.5	80.6	121.0
192	22.0	18.3	27.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.57 ug/l

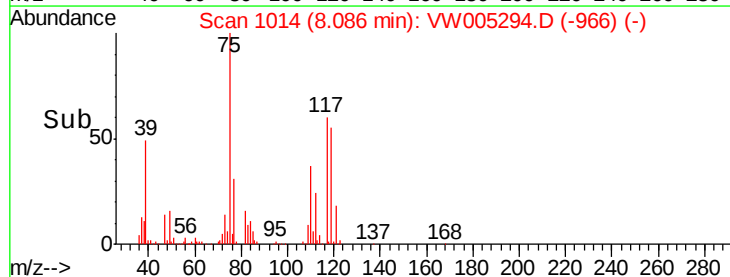
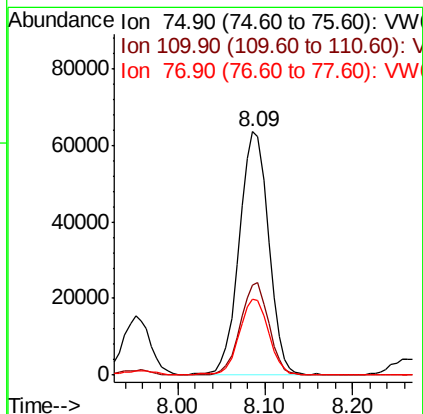
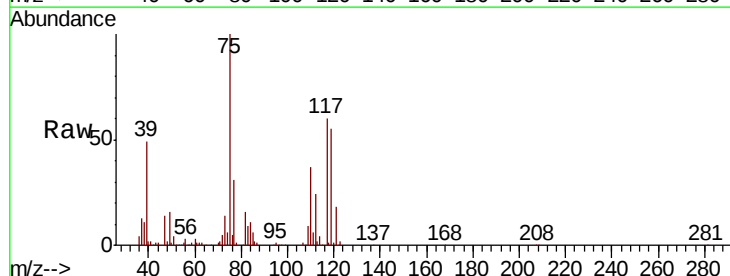
RT: 8.09 min Scan# 1014

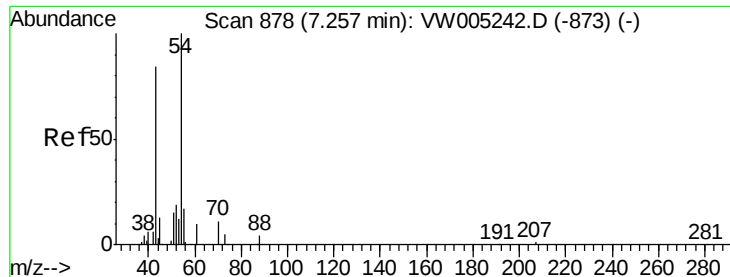
Delta R.T. -0.01 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Tgt Ion:	75	Resp:	148427
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.8	56.4
77	31.3	24.9	37.3





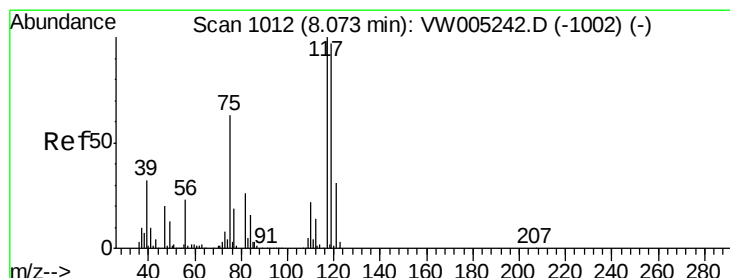
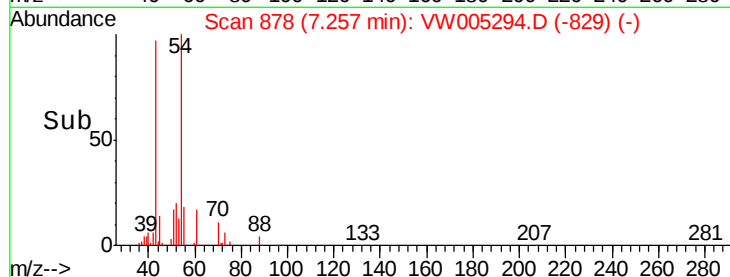
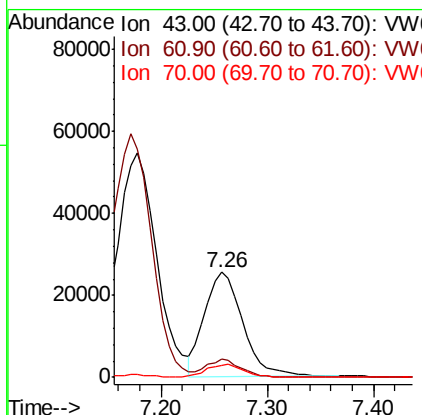
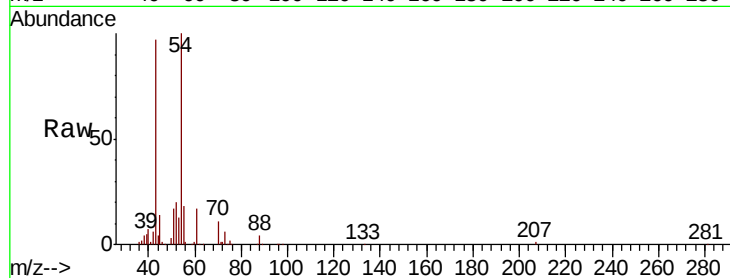
#37
Ethyl Acetate
Concen: 24.21 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampled :
VW0911SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.3	18.5
70	12.2	9.5	14.3

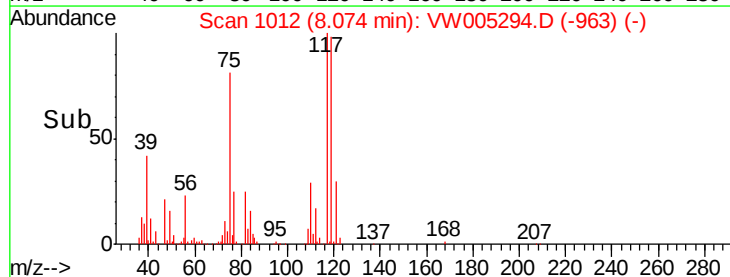
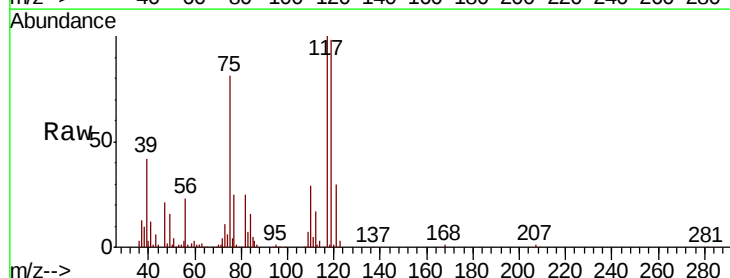
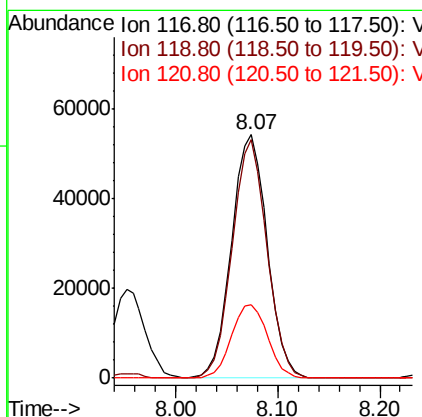
Manual Integrations
APPROVED

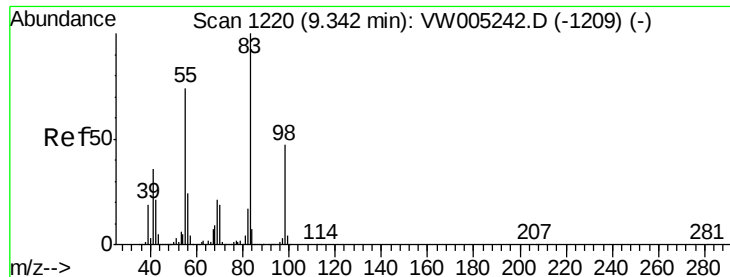
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#38
Carbon Tetrachloride
Concen: 20.40 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.5	116.3
121	30.2	24.7	37.1





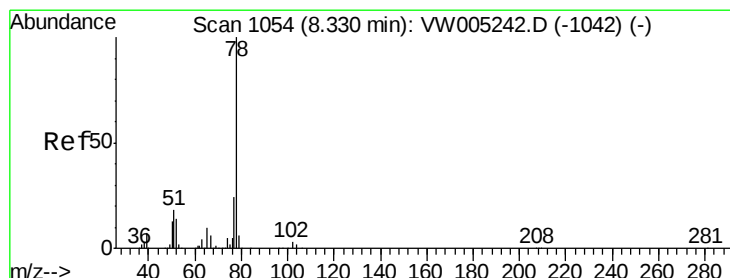
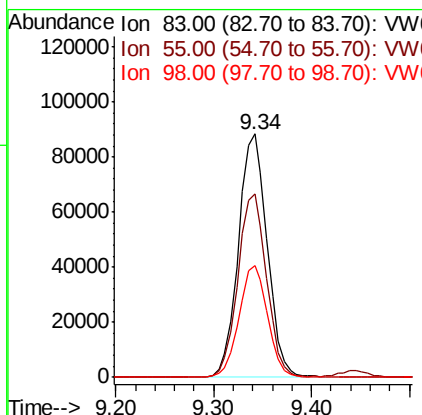
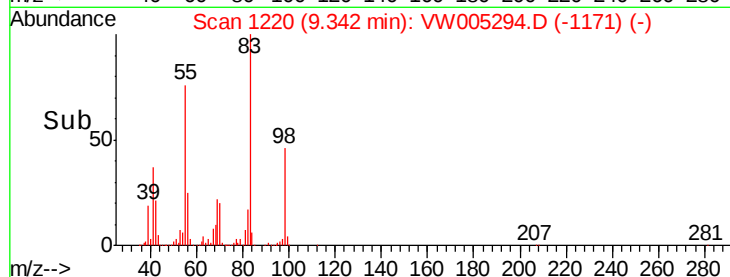
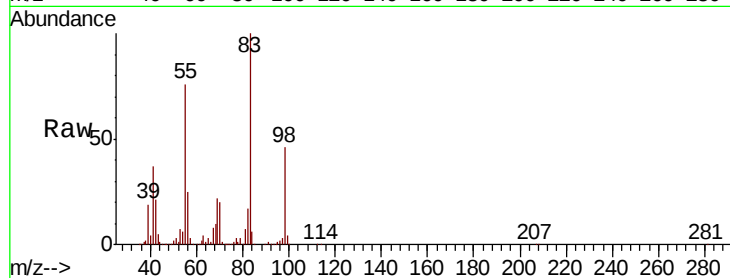
#39
Methvlcvclohexane
Concen: 19.68 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	58.9	88.3
98	45.9	37.6	56.4

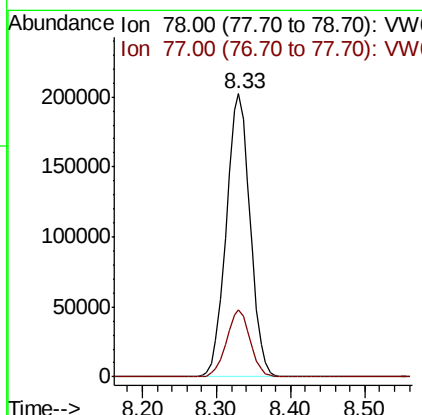
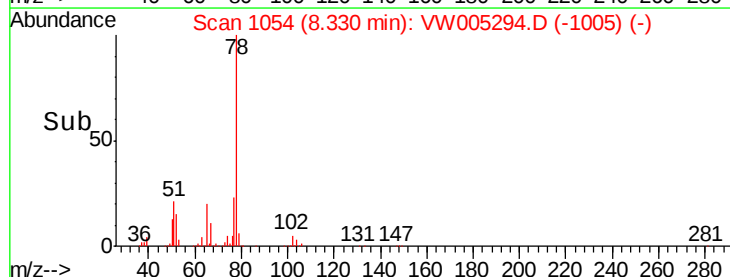
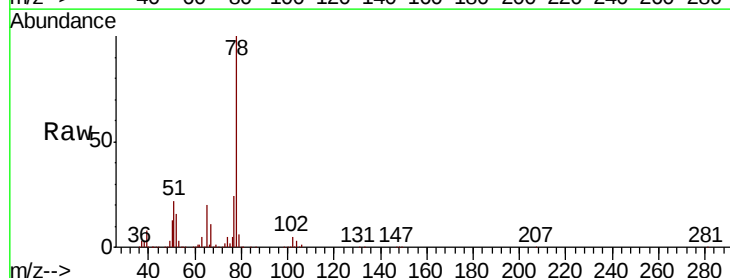
Manual Integrations
APPROVED

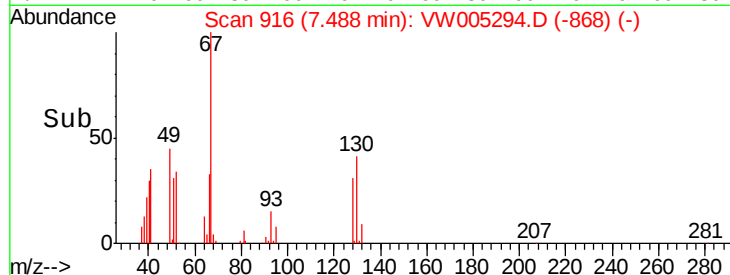
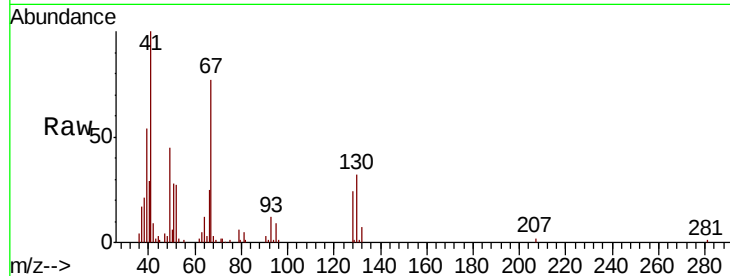
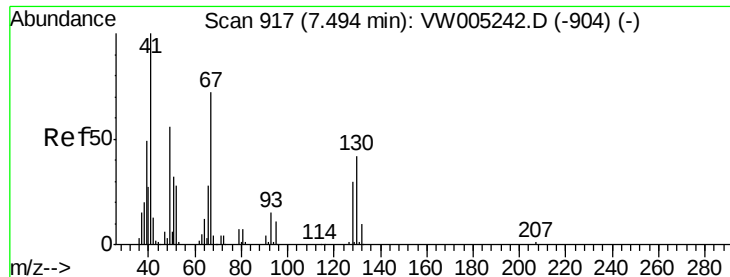
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#40
Benzene
Concen: 22.32 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

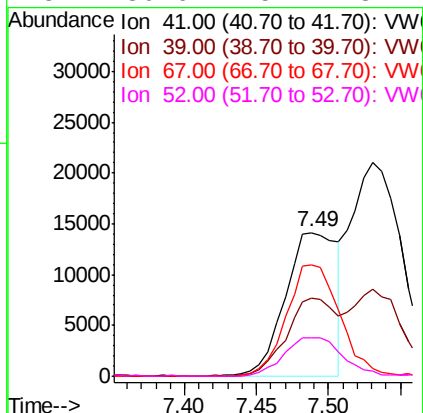
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





#41
Methacrylonitrile
Concen: 26.45 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

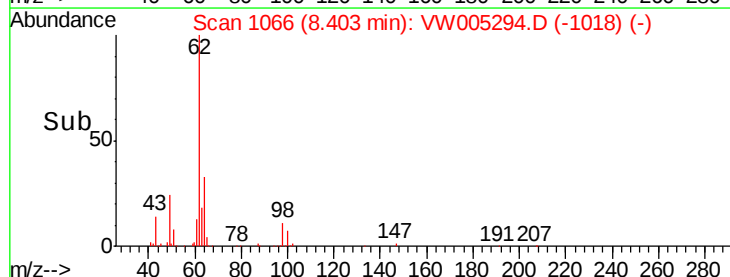
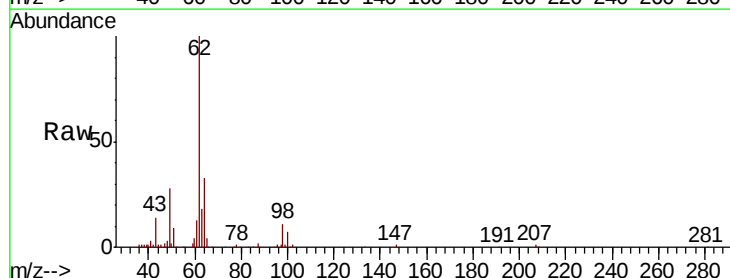
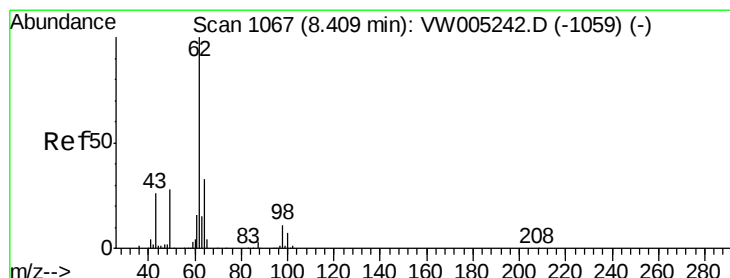
Tot Ion	Ratio	Lower	Upper
41	100		
39	50.6	39.9	59.9
67	80.0	65.7	98.5
52	30.6	25.1	37.7



Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

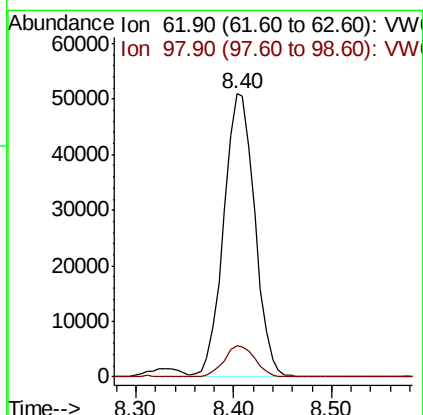
Manual Integrations
APPROVED

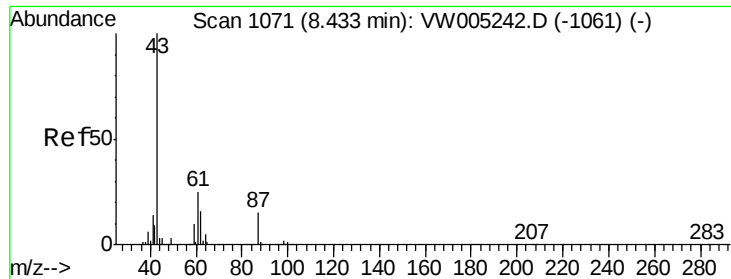
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#42
1,2-Dichloroethane
Concen: 23.09 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 24.17 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

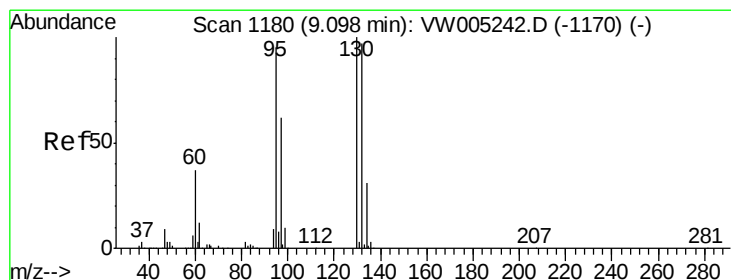
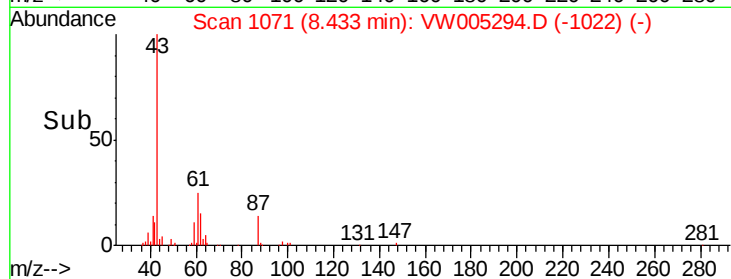
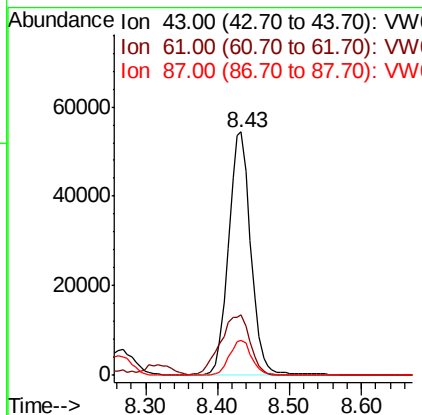
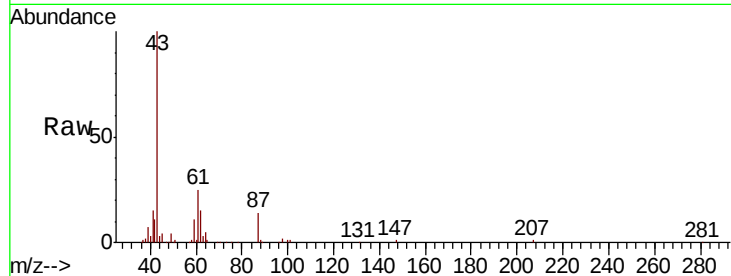
ClientSampleId :

VW0911SBS02

Tot Ion:	43	Resp:	117465
Ion Ratio		Lower	Upper
43	100		
61	33.0	25.4	38.0
87	14.5	11.9	17.9

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#44

Trichloroethene

Concen: 21.58 ug/l

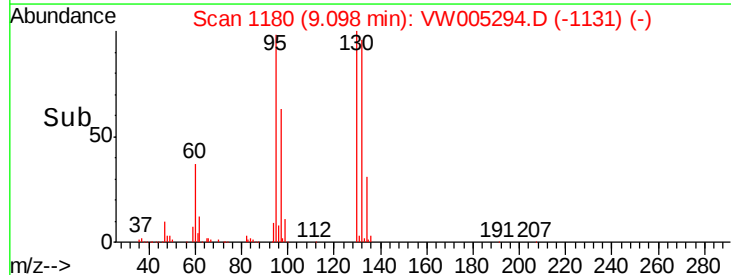
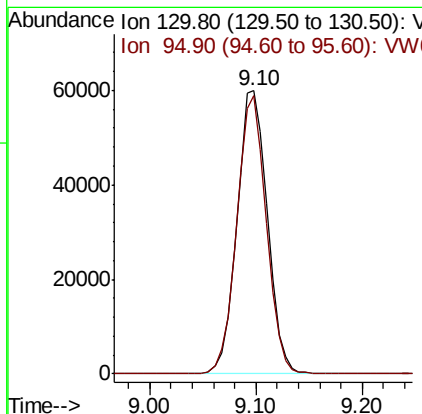
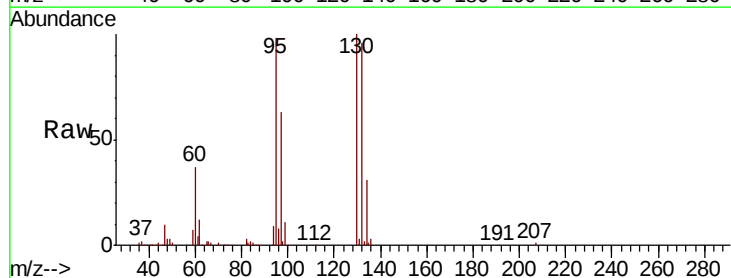
RT: 9.10 min Scan# 1180

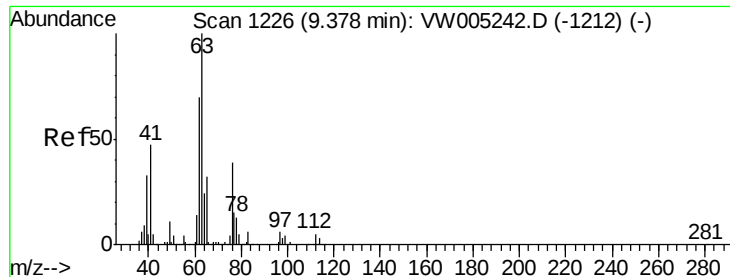
Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Tgt Ion:	130	Resp:	120032
Ion Ratio		Lower	Upper
130	100		
95	98.4	0.0	189.6





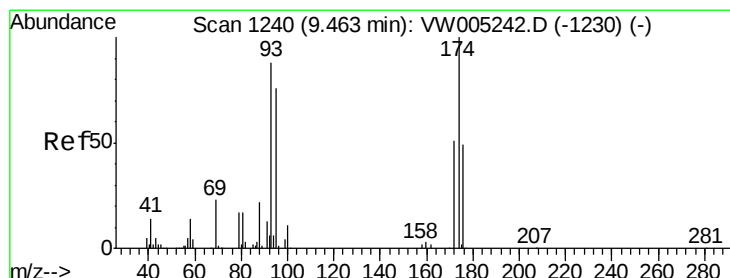
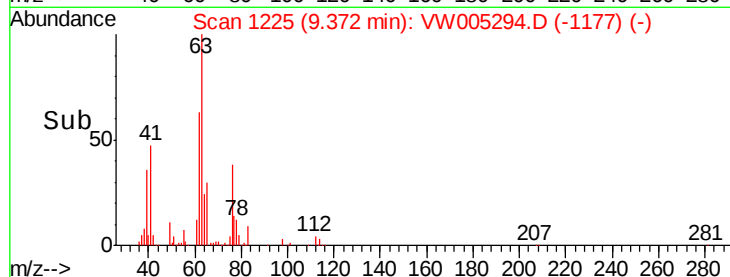
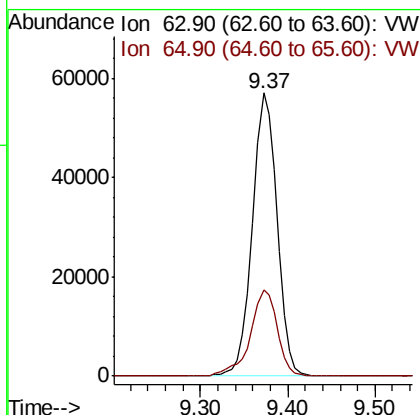
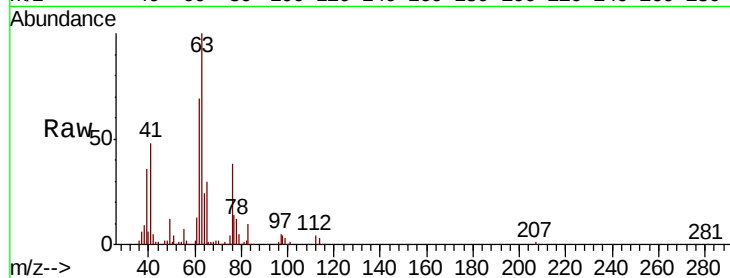
#45
 1,2-Dichloropropane
 Concen: 22.98 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.4	38.2

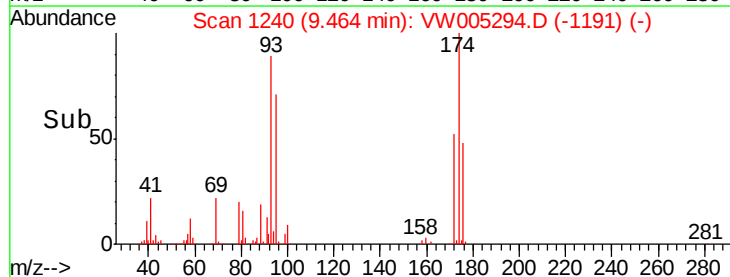
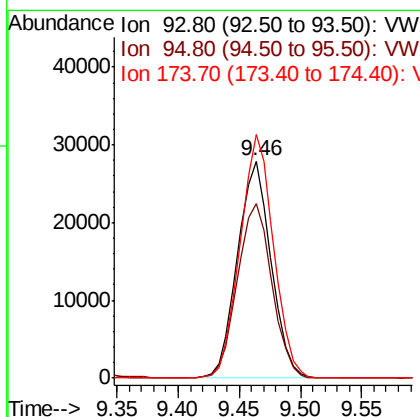
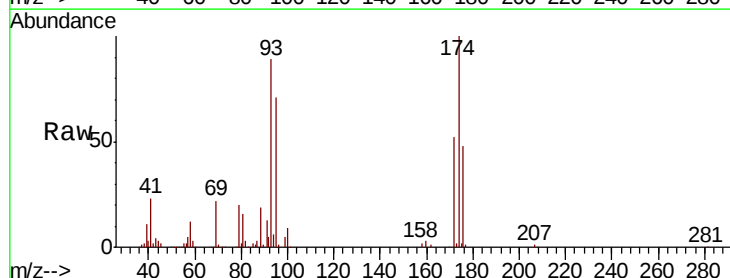
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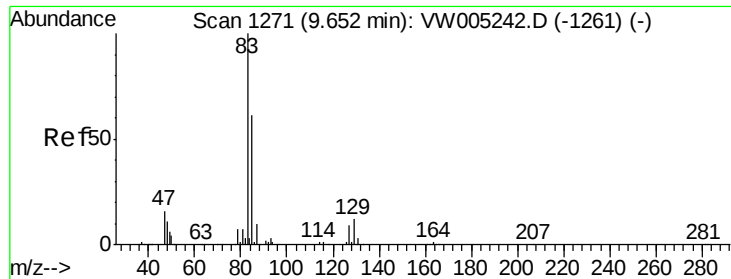
apatel
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#46
 Dibromomethane
 Concen: 22.24 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.0	100.4
174	112.1	92.2	138.2





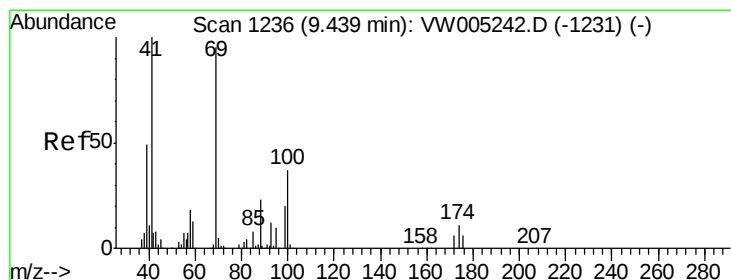
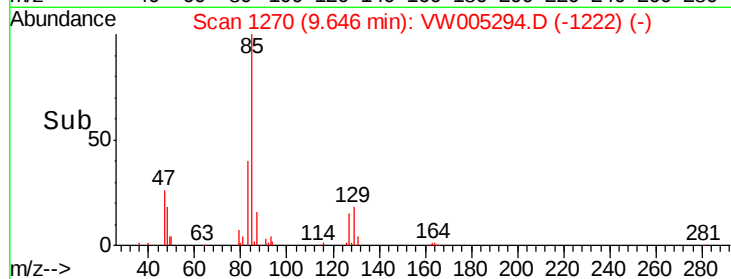
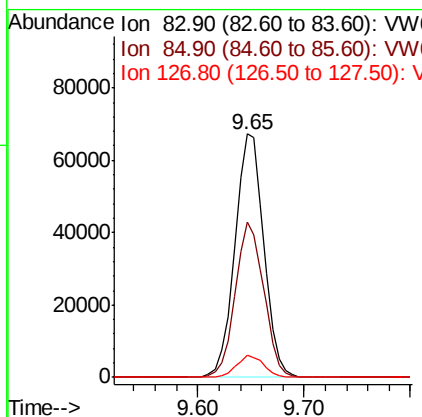
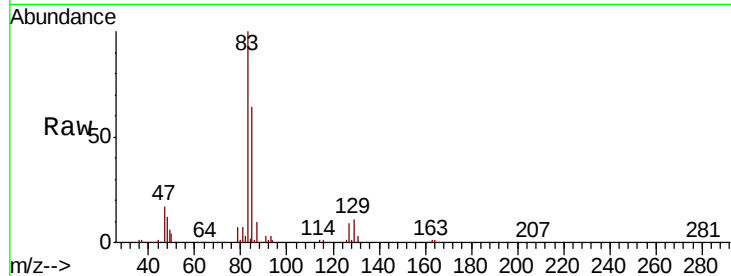
#47
Bromodichloromethane
Concen: 21.91 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	127831		
85	63.7	49.0	73.6	
127	9.2	7.0	10.4	

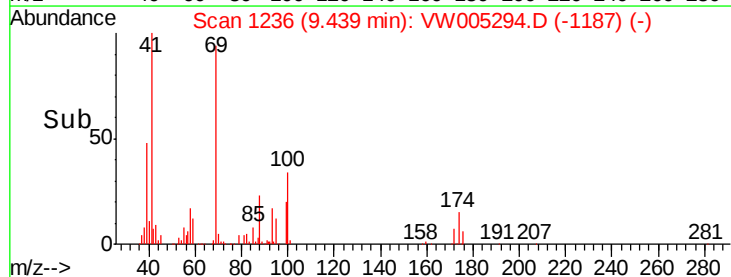
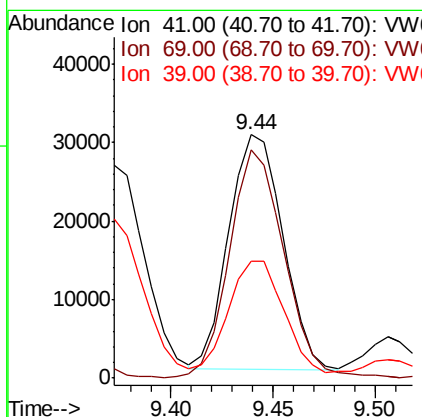
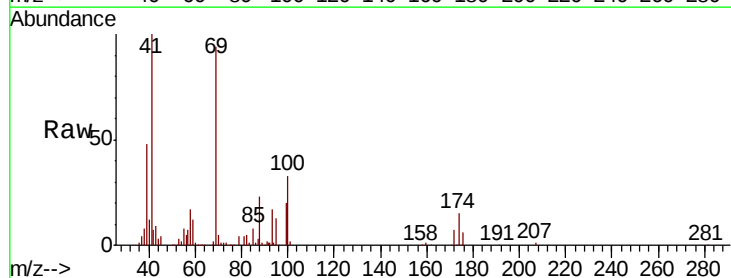
Manual Integrations
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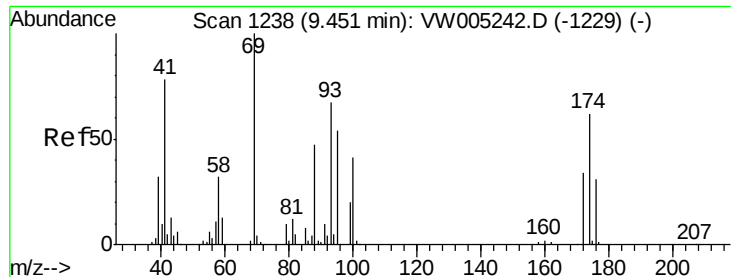
apatel
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#48
Methyl methacrylate
Concen: 21.81 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	55054		
69	97.7	74.6	112.0	
39	53.0	36.7	55.1	





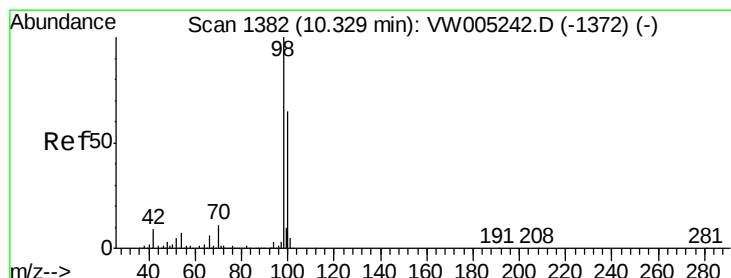
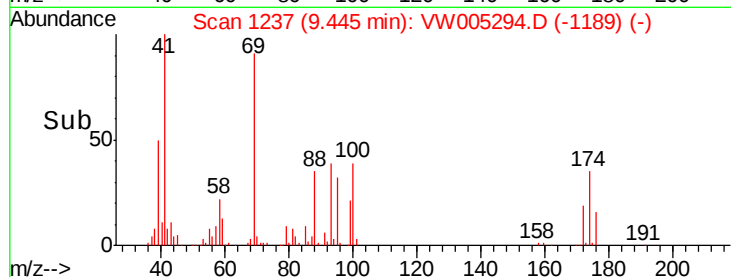
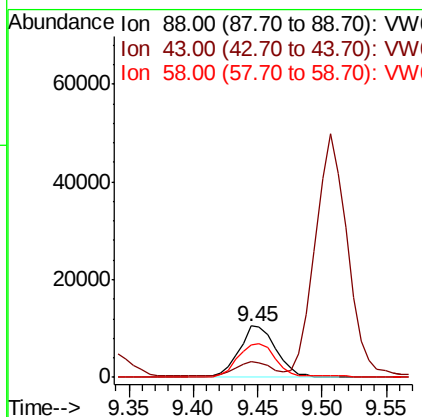
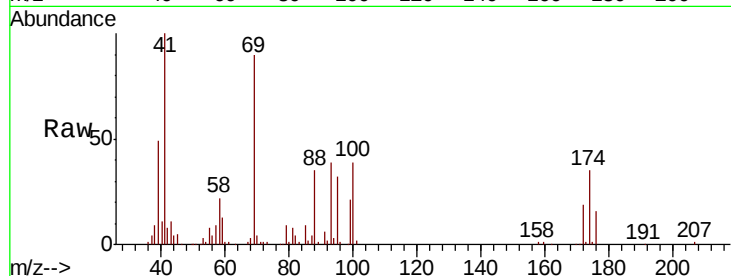
#49
1,4-Dioxane
Concen: 466.81 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	88	Resp	20789
Ion Ratio	Lower	Upper	
88	100		
43	27.9	22.7	34.1
58	68.3	56.6	85.0

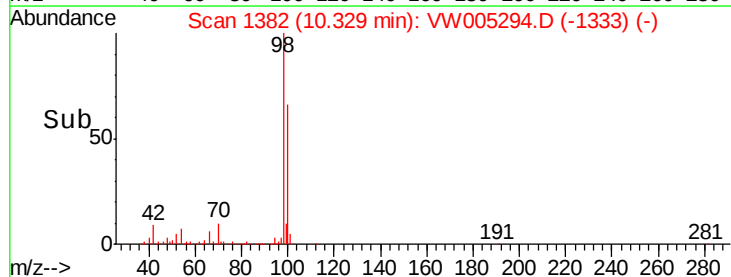
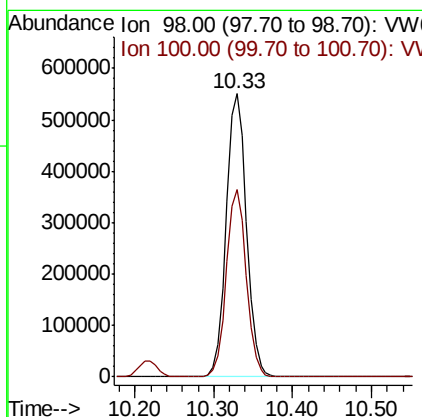
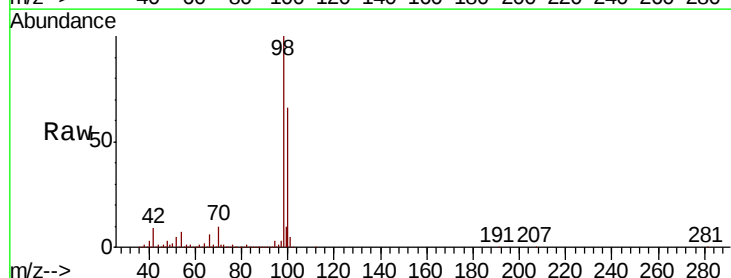
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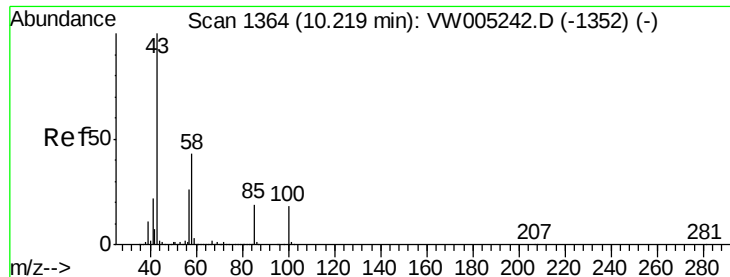
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#50
Toluene-d8
Concen: 49.39 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	98	Resp	981969
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 116.82 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampled :

VW0911SBS02

Tot Ion: 43 Resp: 319541

Ion Ratio Lower Upper

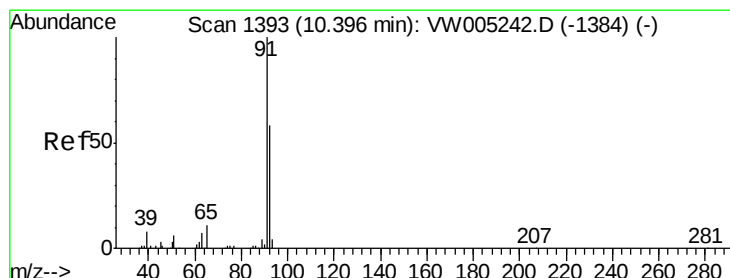
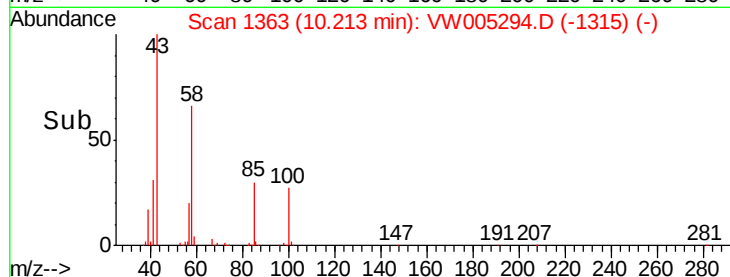
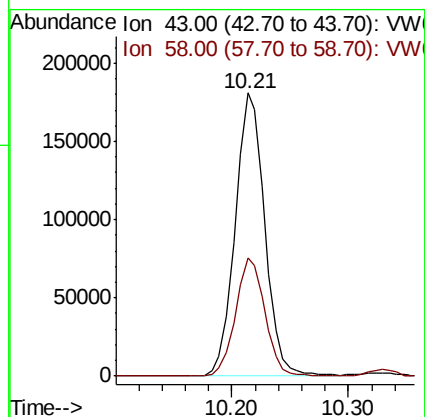
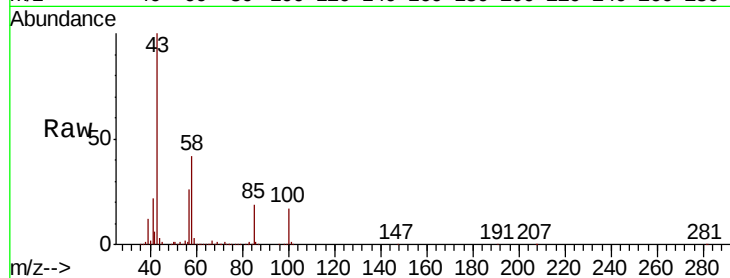
43 100

58 41.6 33.8 50.6

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#52

Toluene

Concen: 20.90 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005294.D

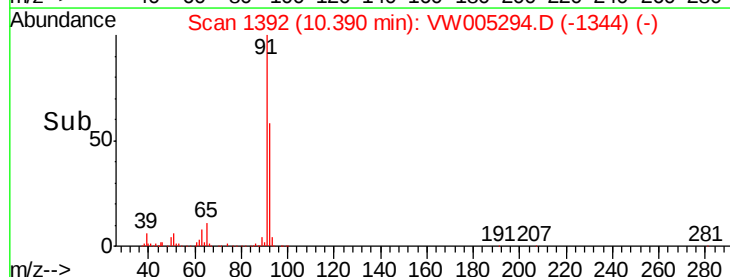
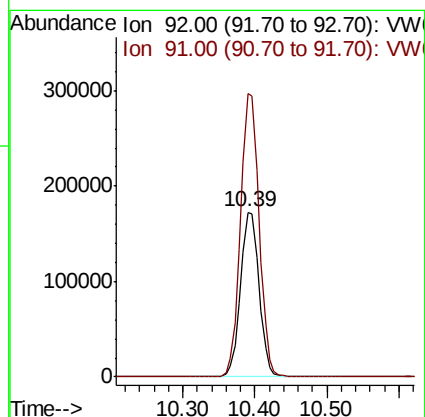
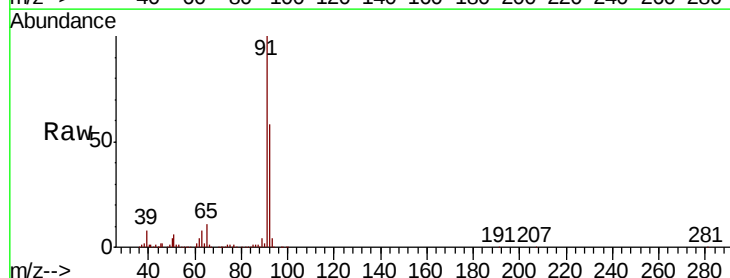
Acq: 12 Sep 2018 01:15

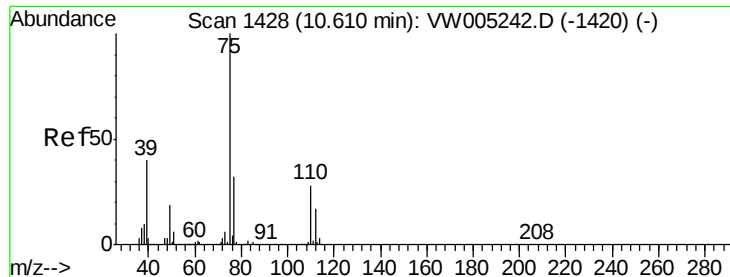
Tgt Ion: 92 Resp: 308019

Ion Ratio Lower Upper

92 100

91 172.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 21.27 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS02

Tot Ion: 75 Resp: 134147

Ion Ratio Lower Upper

75 100

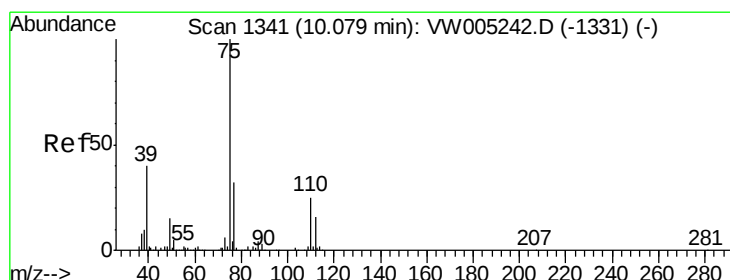
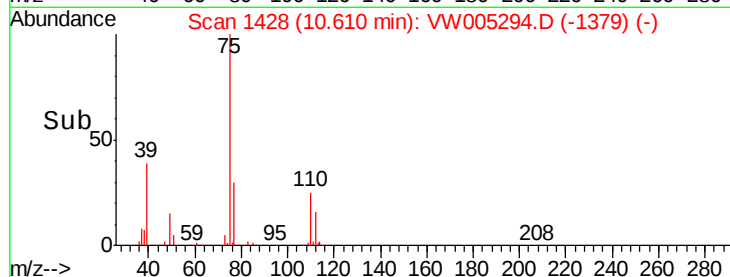
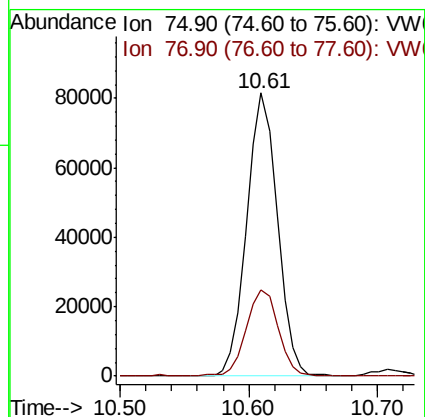
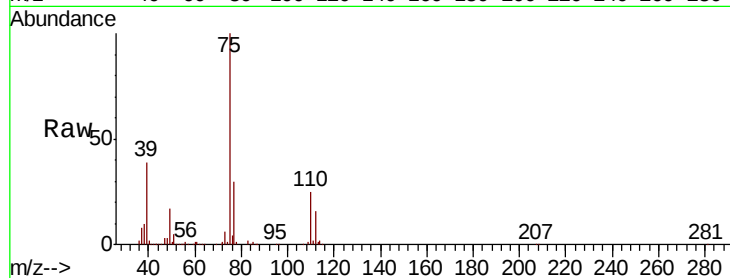
77 30.2 25.8 38.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.17 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

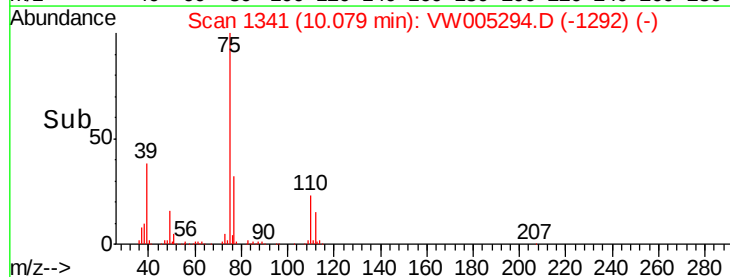
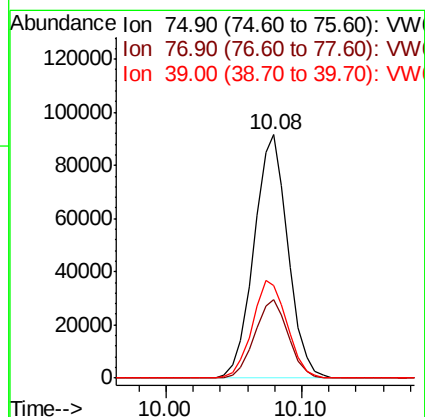
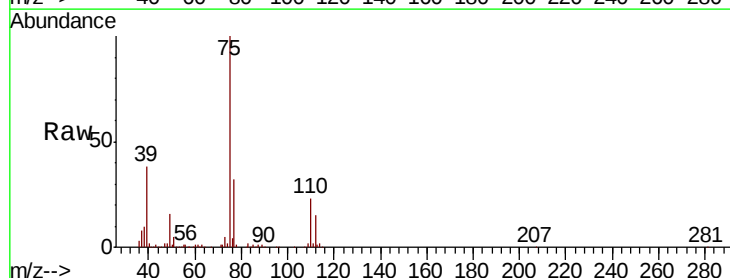
Tgt Ion: 75 Resp: 159852

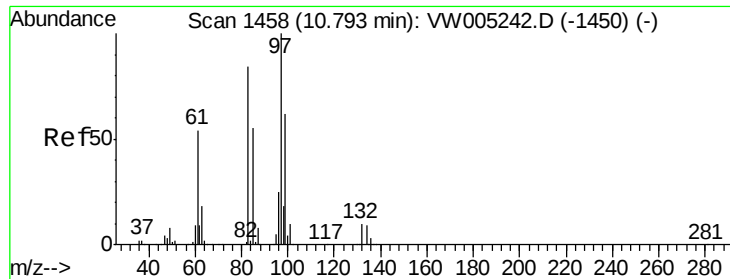
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 37.7 31.8 47.6





#55

1,1,2-Trichloroethane

Concen: 22.40 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

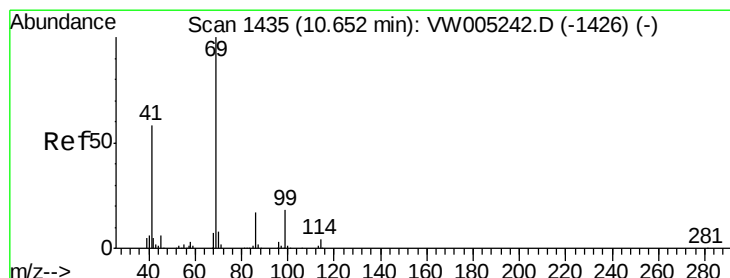
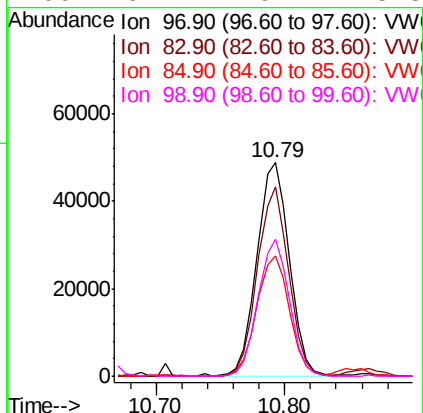
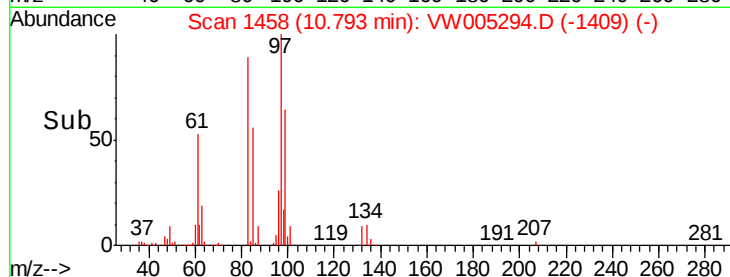
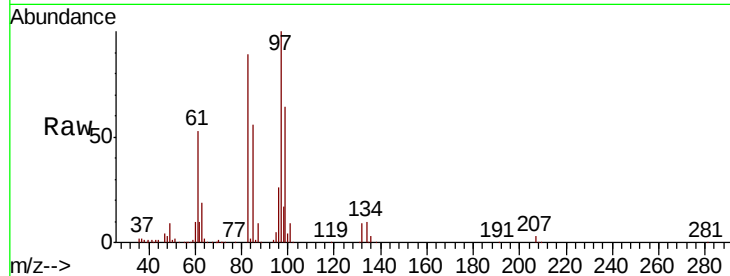
ClientSampleId :

VW0911SBS02

Tot Ion:	97	Resp:	85210
Ion	Ratio	Lower	Upper
97	100		
83	88.8	67.2	100.8
85	56.2	44.4	66.6
99	64.2	49.2	73.8

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#56

Ethyl methacrylate

Concen: 21.79 ug/l

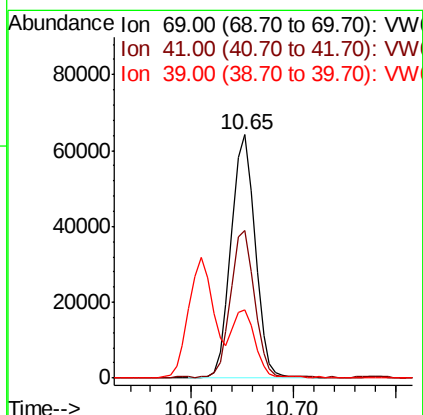
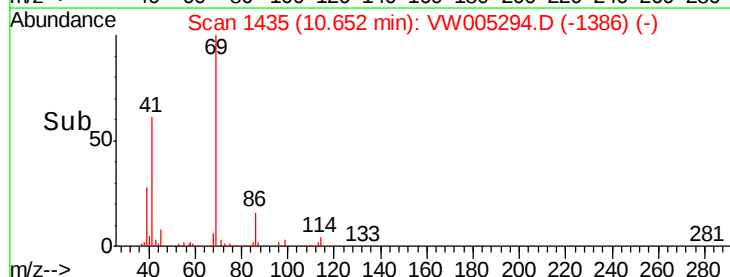
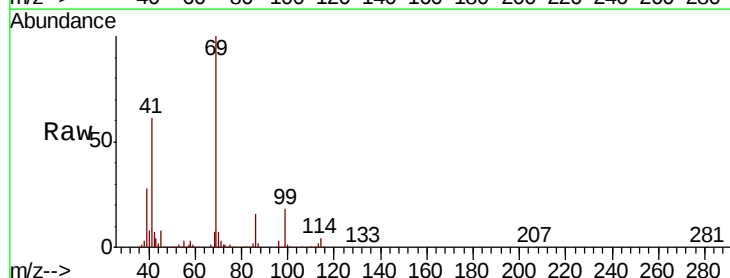
RT: 10.65 min Scan# 1435

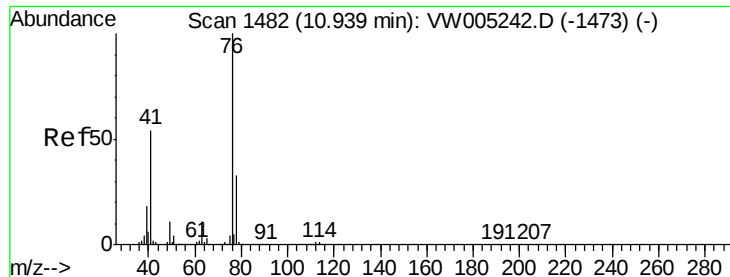
Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Tgt Ion:	69	Resp:	105073
Ion	Ratio	Lower	Upper
69	100		
41	60.1	48.7	73.1
39	26.6	20.9	31.3





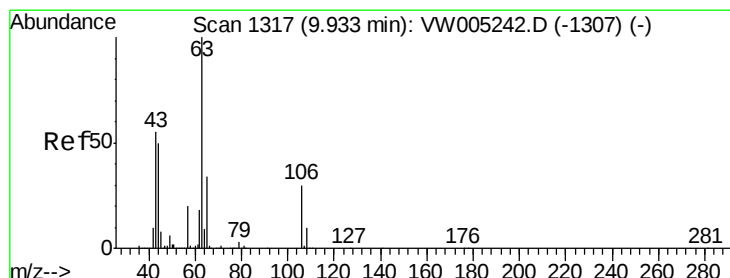
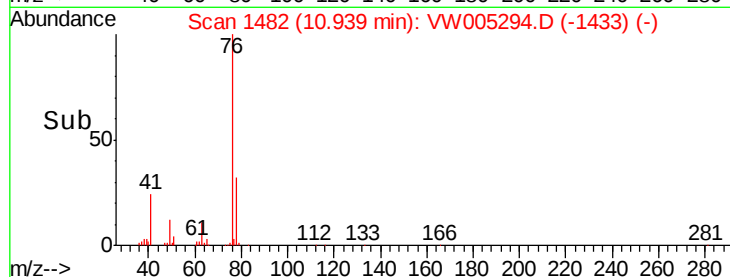
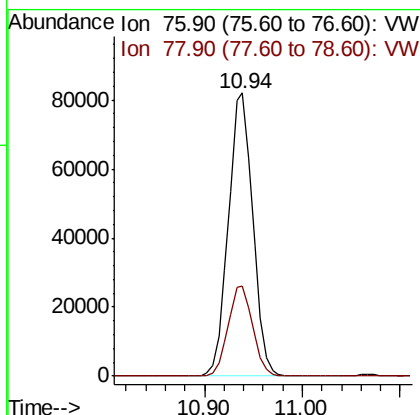
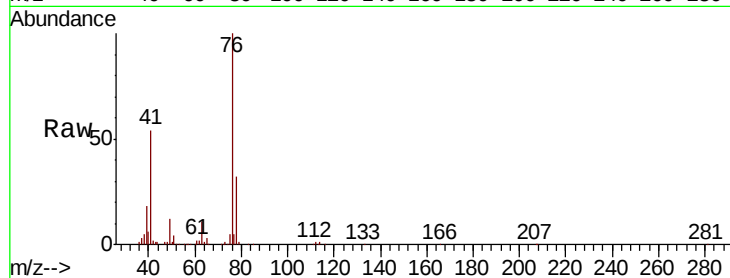
#57
 1,3-Dichloropropane
 Concen: 22.51 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

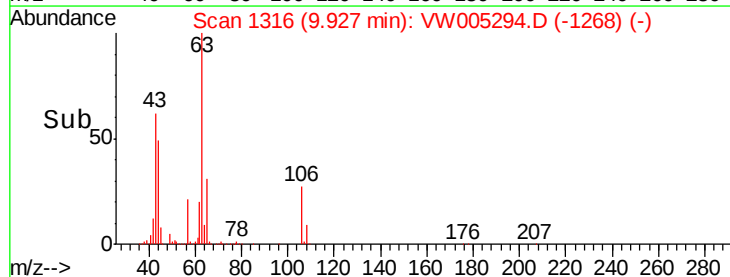
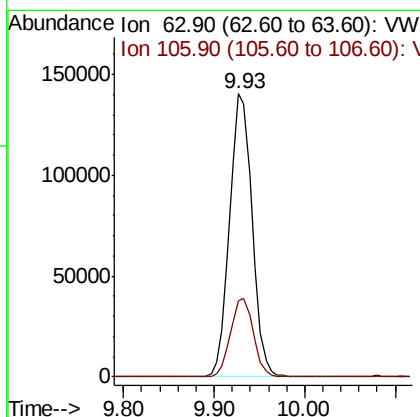
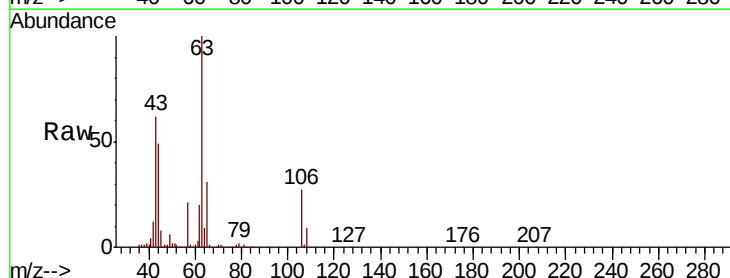
Manual Integrations
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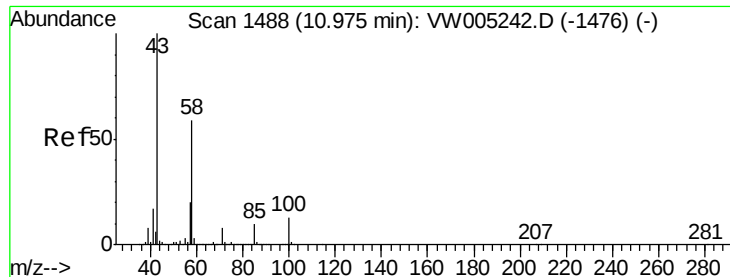
apatel
 9/12/2018 2:20:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.92 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	23.4	35.0





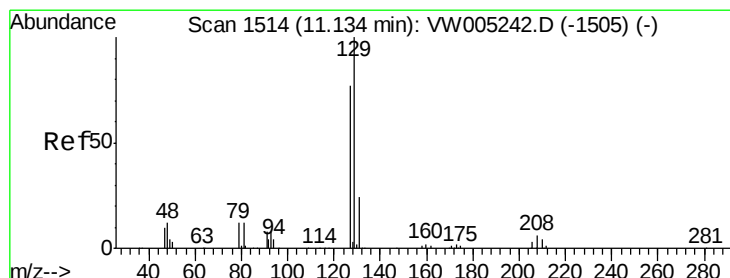
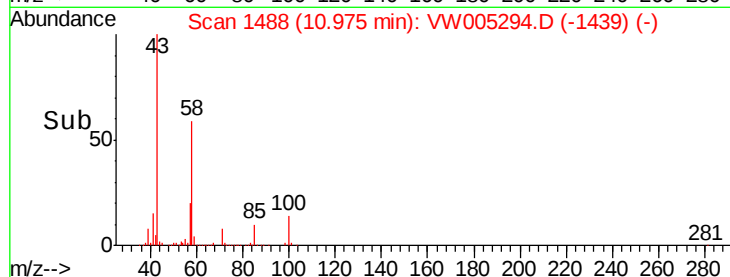
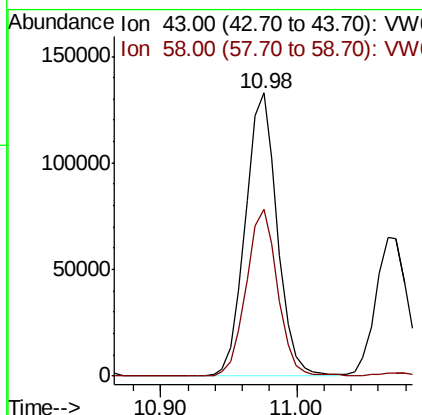
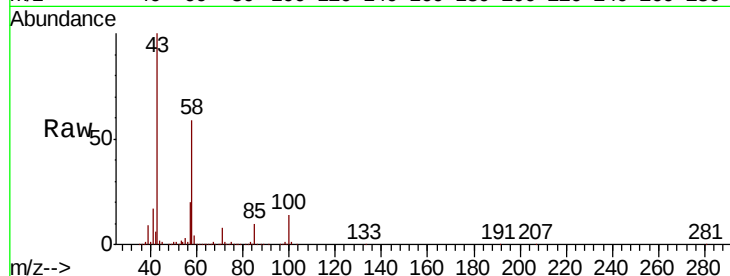
#59
2-Hexanone
Concen: 110.46 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	43	Resp	217821
Ion Ratio	43	100	
Lower	58	58.1	29.3
Upper			87.9

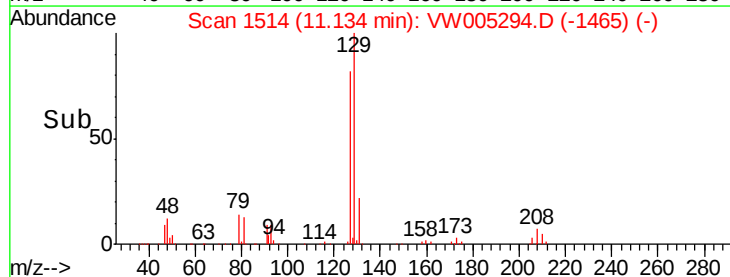
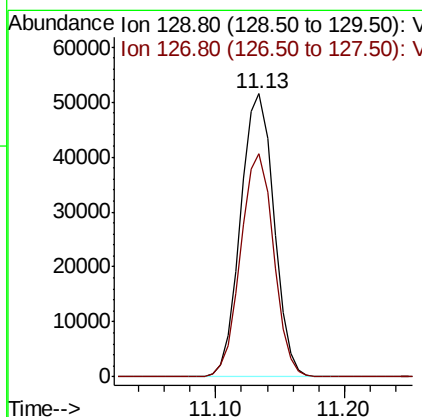
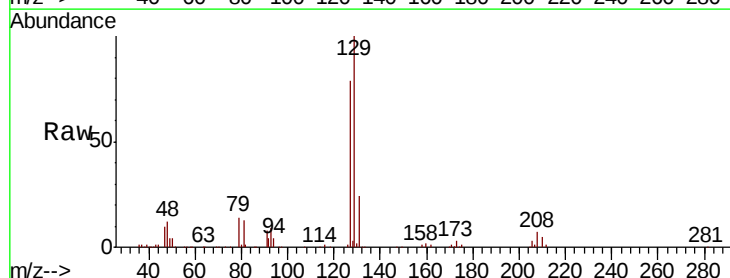
Manual Integrations
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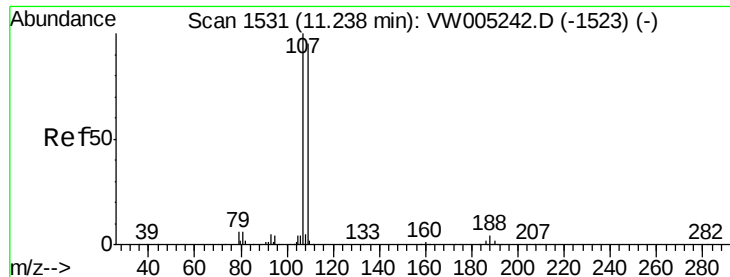
apatel
9/12/2018 2:20:42 PM



#60
Dibromochloromethane
Concen: 21.89 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	129	Resp	92372
Ion Ratio	129	100	
Lower	127	77.8	39.0
Upper			117.0





#61

1,2-Dibromoethane

Concen: 22.22 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS02

Tot Ion: 107 Resp: 77489

Ion Ratio Lower Upper

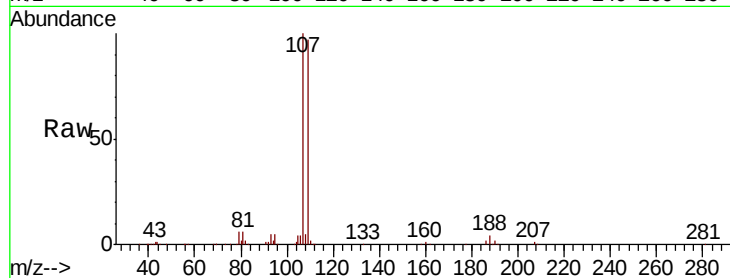
107 100

109 95.0 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

50000

40000

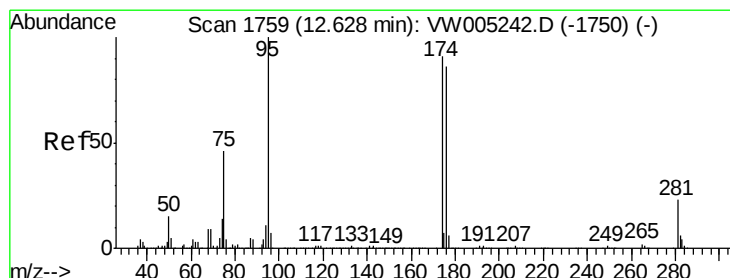
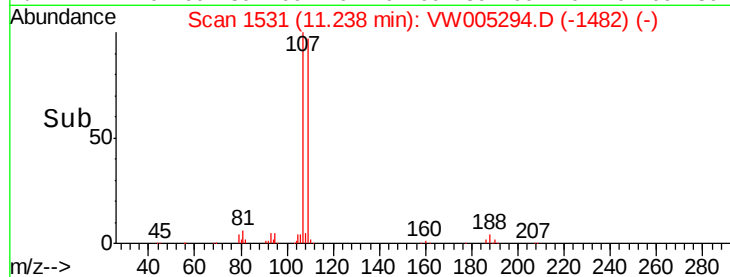
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.86 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

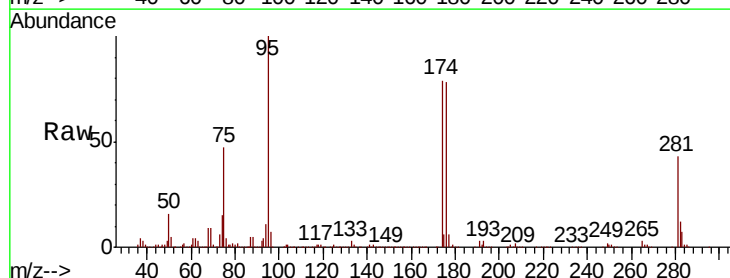
Tgt Ion: 95 Resp: 362631

Ion Ratio Lower Upper

95 100

174 83.9 0.0 174.6

176 82.0 0.0 167.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

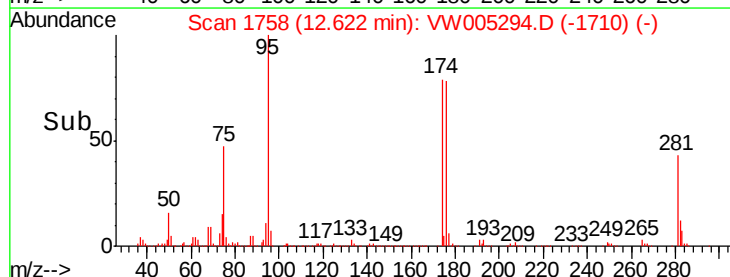
150000

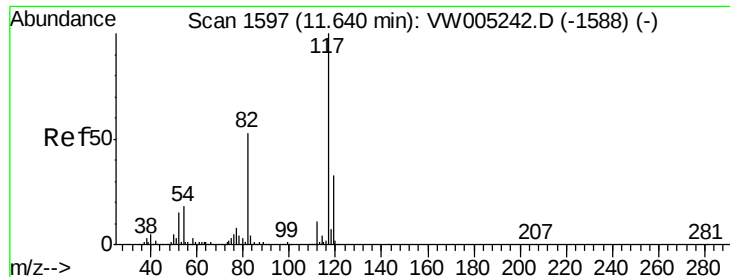
100000

50000

0

Time-->





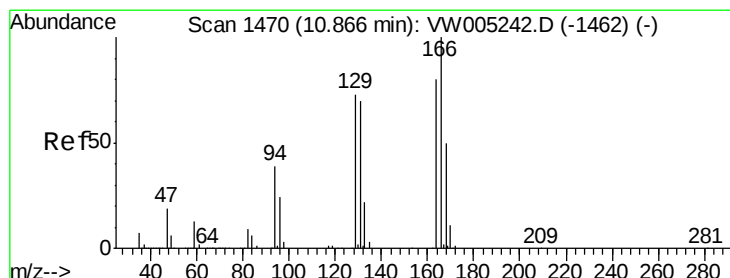
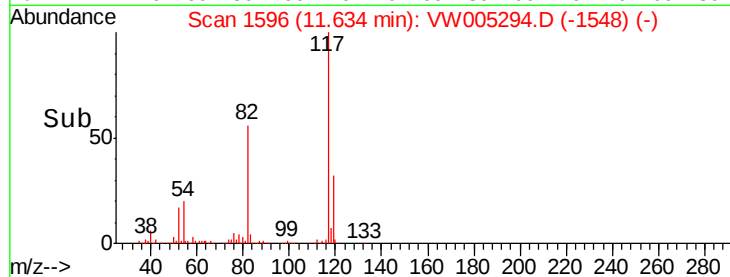
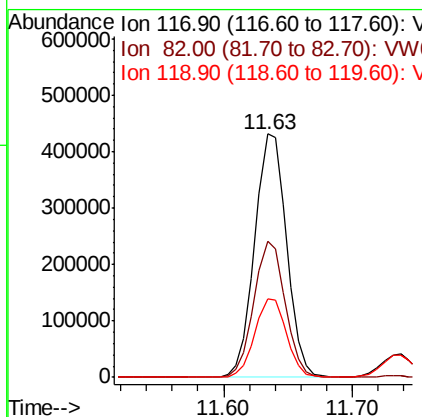
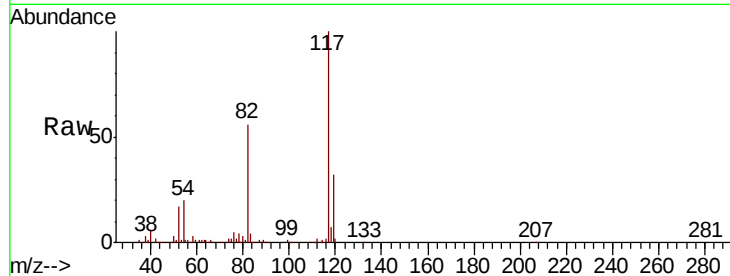
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	736154		
82	56.0		42.6	63.8
119	32.1		26.2	39.4

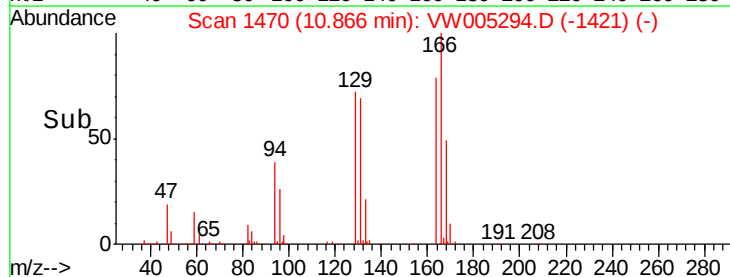
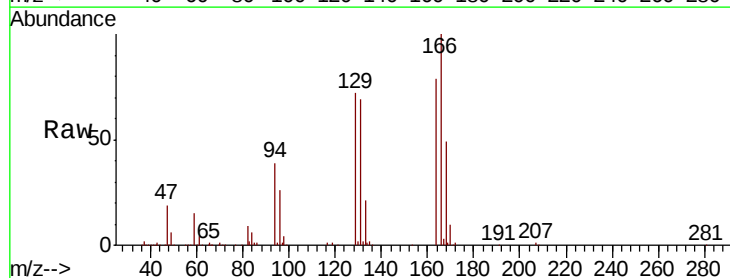
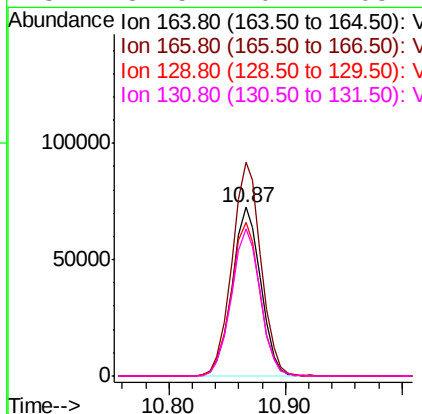
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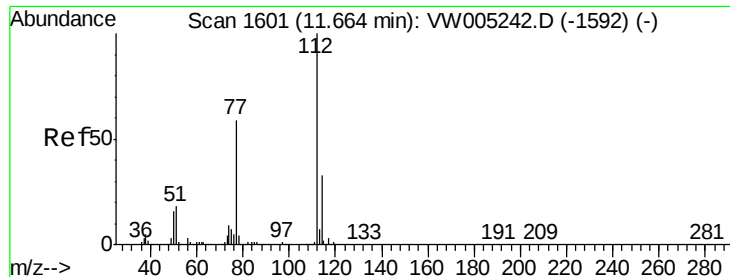
apatel
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#64
Tetrachloroethene
Concen: 22.78 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124416		
166	126.7		100.2	150.2
129	91.3		73.2	109.8
131	87.5		70.2	105.4





#65

Chlorobenzene

Concen: 21.18 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS02

Tot Ion:112 Resp: 341539

Ion Ratio Lower Upper

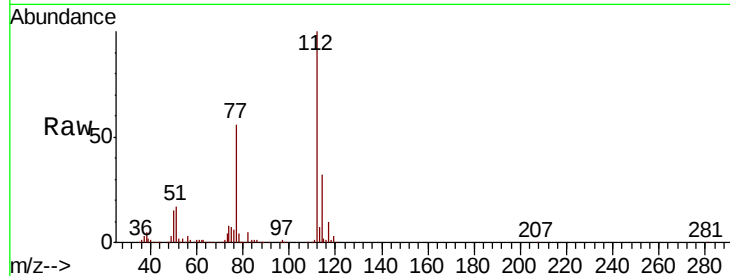
112 100

114 32.5 26.2 39.4

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

200000

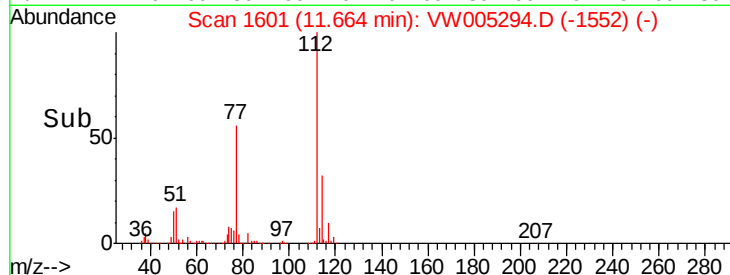
150000

100000

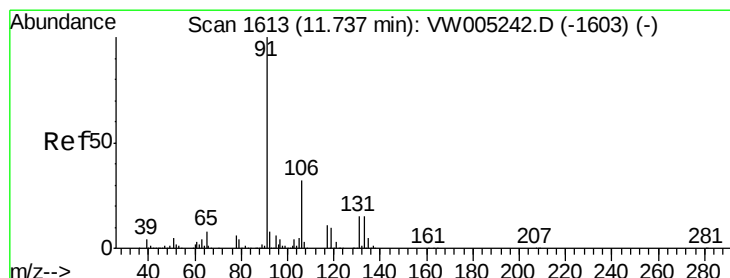
50000

0

Time-->



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.28 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

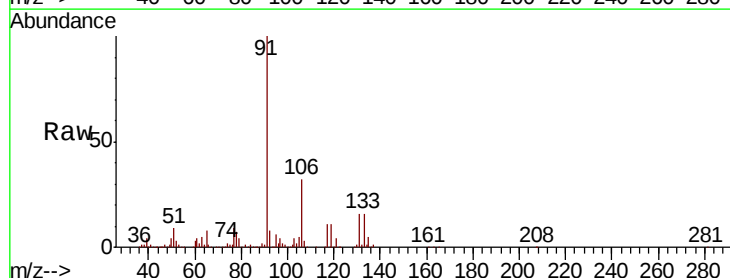
Tgt Ion:131 Resp: 102446

Ion Ratio Lower Upper

131 100

133 96.1 48.1 144.3

119 68.1 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

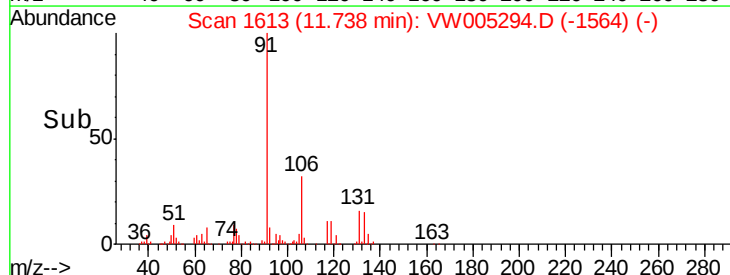
150000

100000

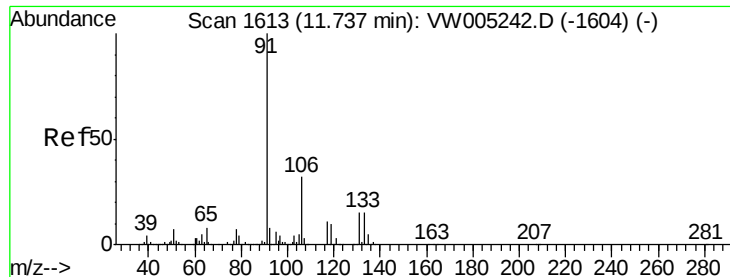
50000

0

Time-->



Time-->



#67

Ethyl Benzene

Concen: 20.70 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS02

Tot Ion: 91 Resp: 581296

Ion Ratio Lower Upper

91 100

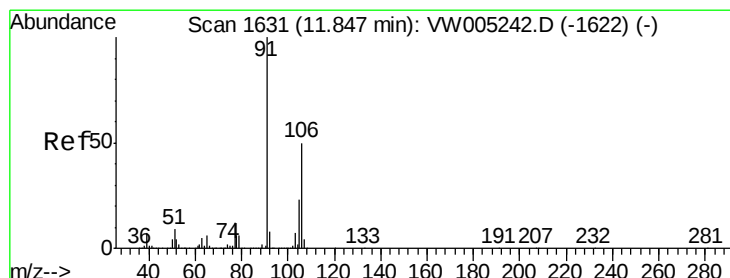
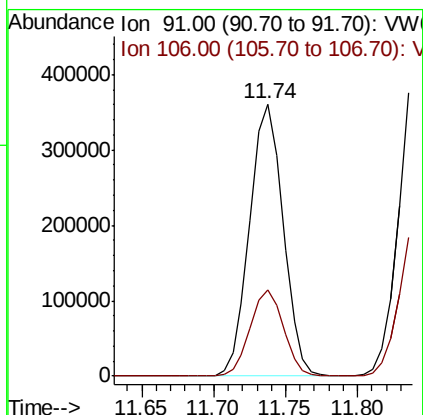
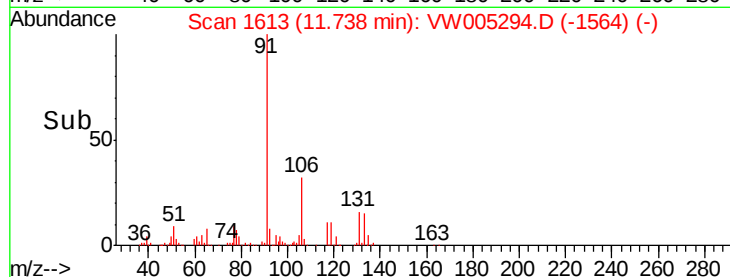
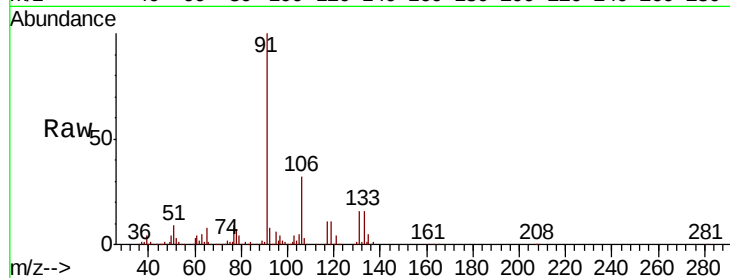
106 31.8 25.6 38.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 41.60 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VW005294.D

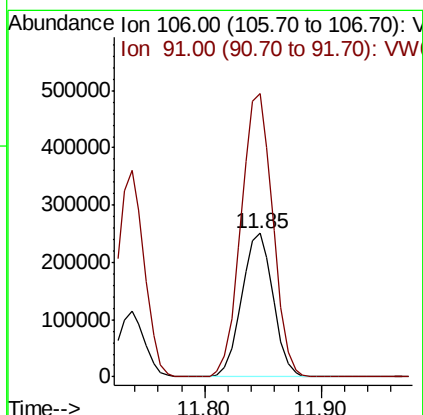
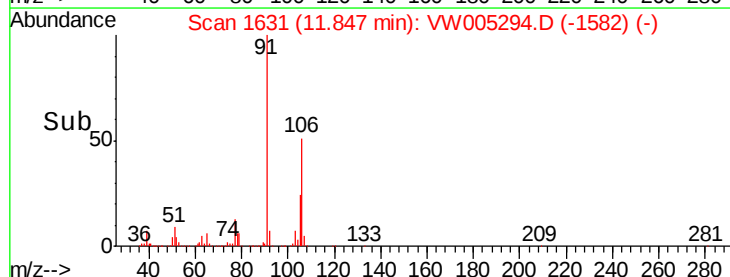
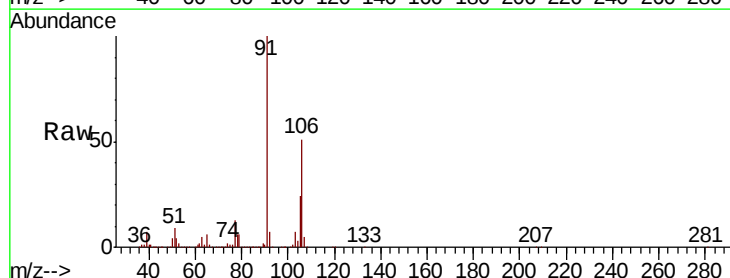
Acq: 12 Sep 2018 01:15

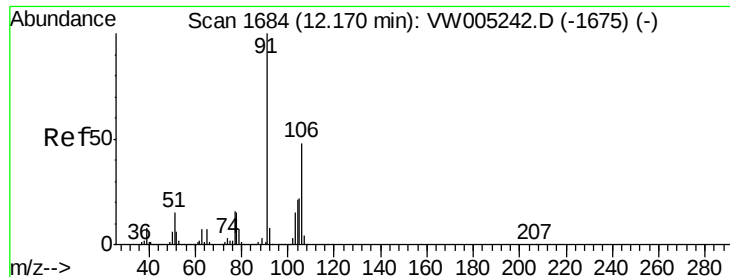
Tgt Ion: 106 Resp: 470800

Ion Ratio Lower Upper

106 100

91 199.1 160.2 240.2





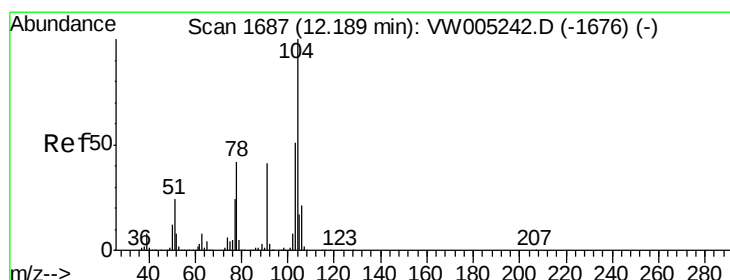
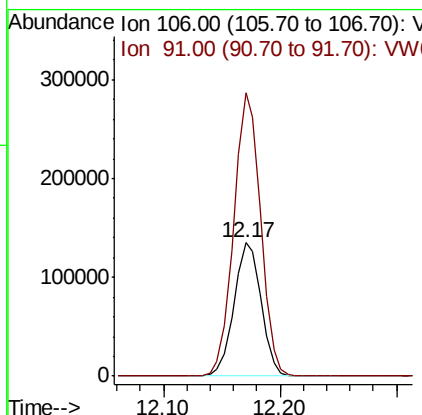
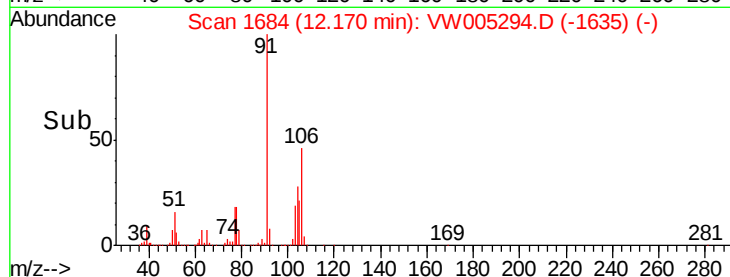
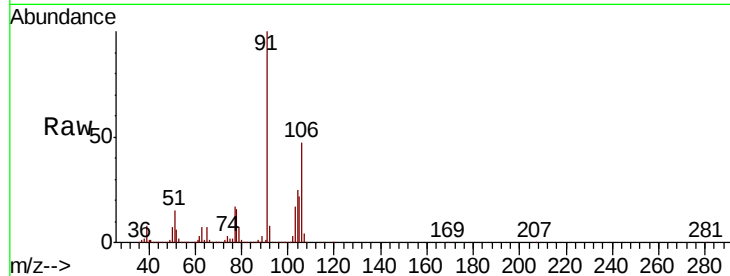
#69
o-Xylene
Concen: 20.79 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.3	104.1	312.3	

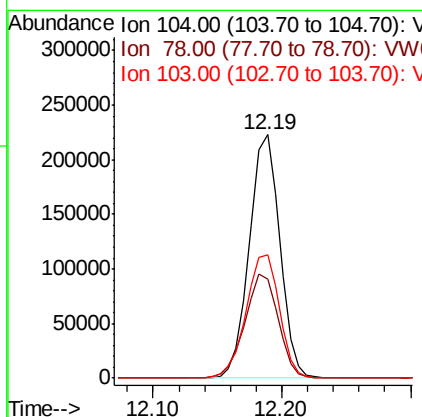
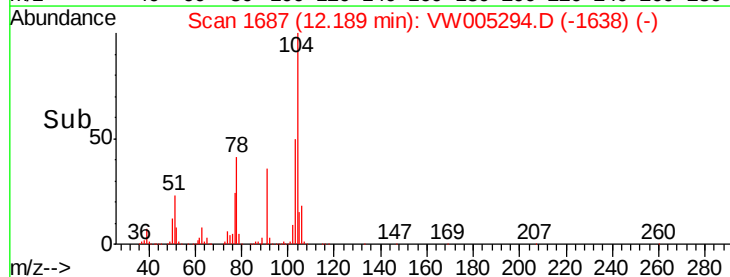
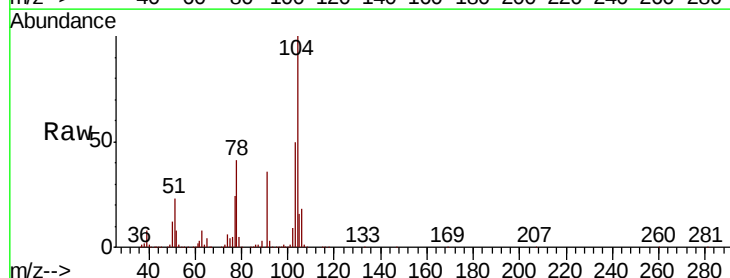
Manual Integrations
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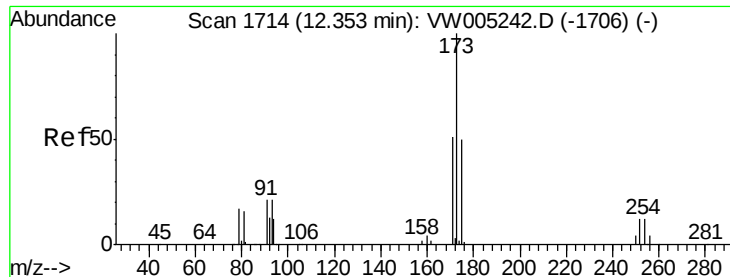
apatel
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#70
Styrene
Concen: 21.16 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.0	37.4	56.2	
103	55.6	44.1	66.1	





#71

Bromoform

Concen: 21.85 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS02

Tot Ion:173 Resp: 57033

Ion Ratio Lower Upper

173 100

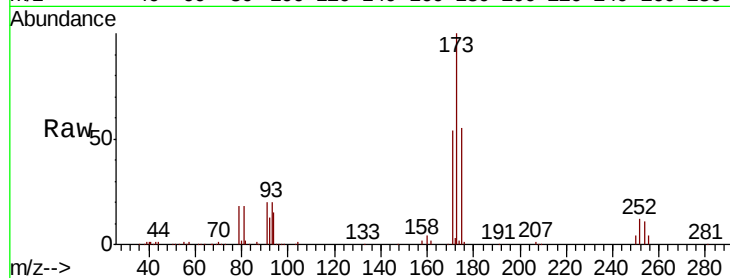
175 49.7 24.9 74.6

254 0.0 0.1 0.1#

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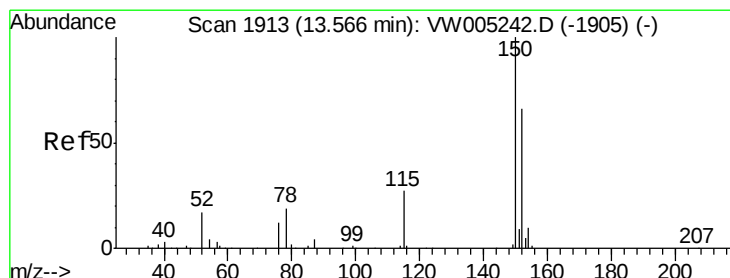
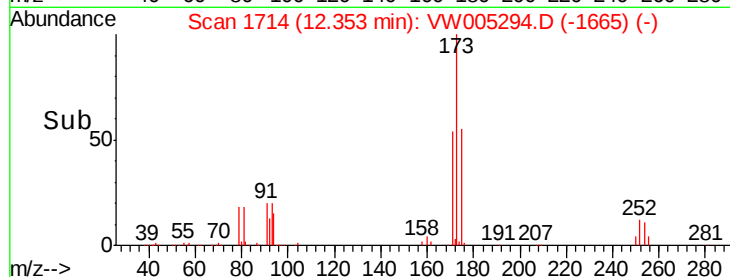
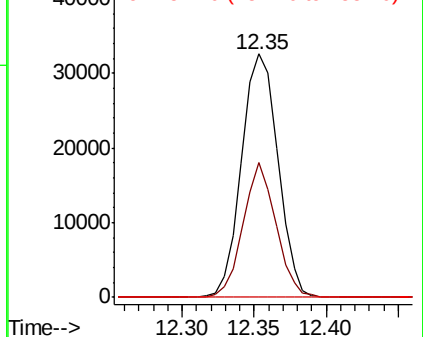
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

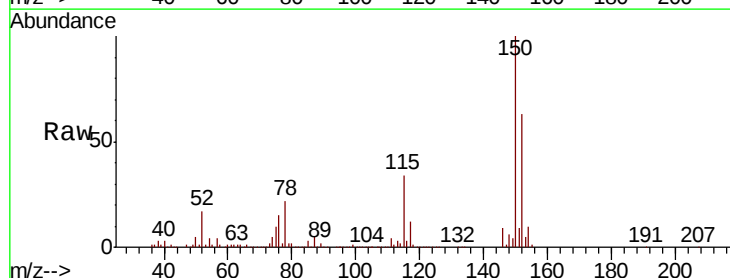
Tgt Ion:152 Resp: 392427

Ion Ratio Lower Upper

152 100

115 56.1 27.5 82.4

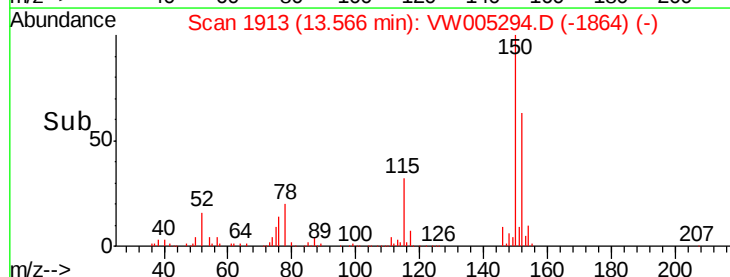
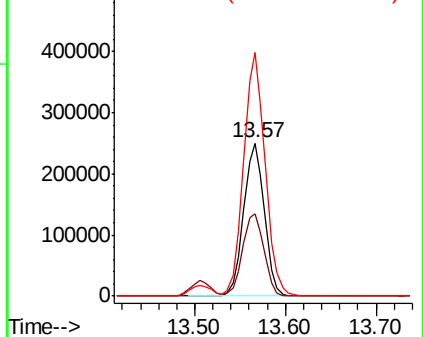
150 165.3 0.0 347.4

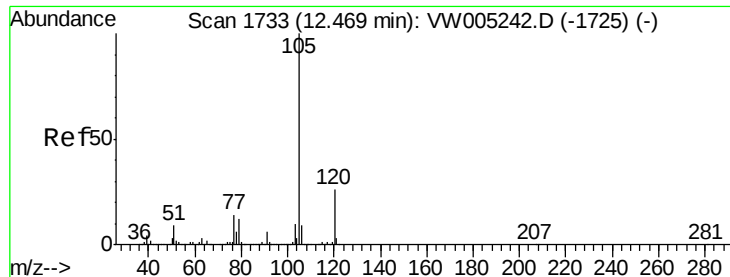


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.96 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS02

Tot Ion:105 Resp: 581118

Ion Ratio Lower Upper

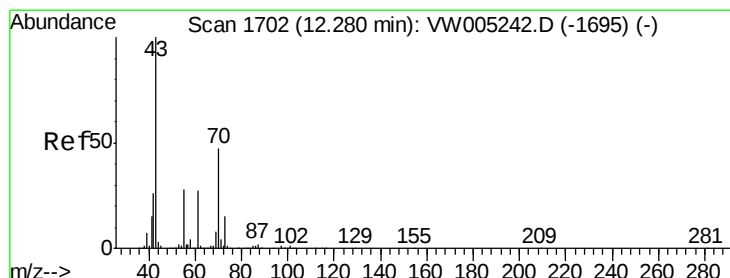
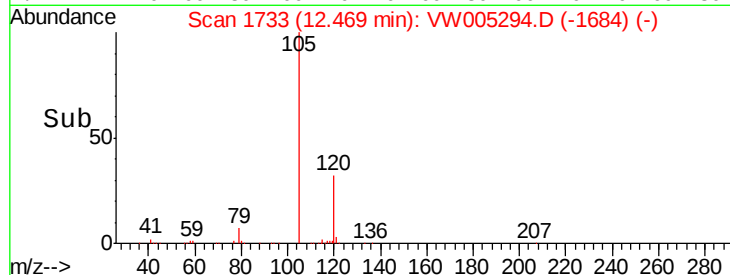
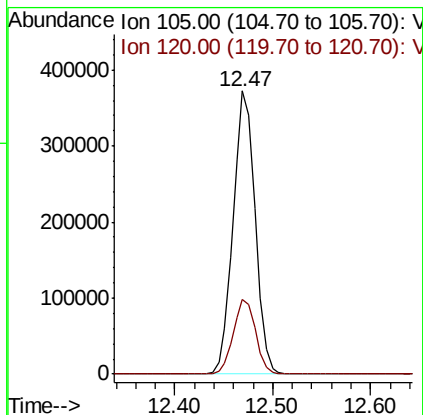
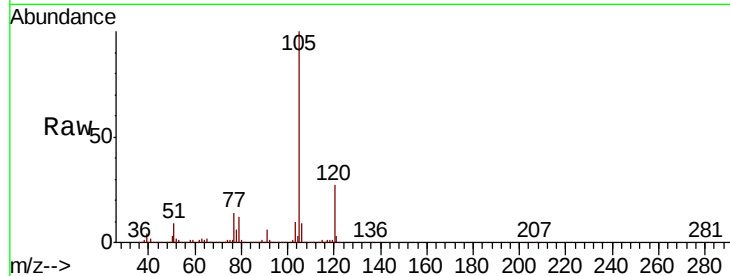
105 100

120 26.8 13.4 40.1

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#74

N-ethyl acetate

Concen: 22.14 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Tgt Ion: 43 Resp: 116822

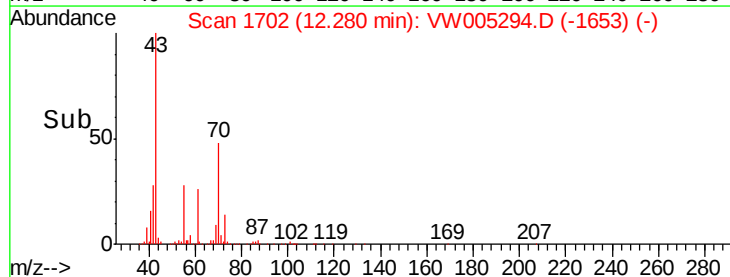
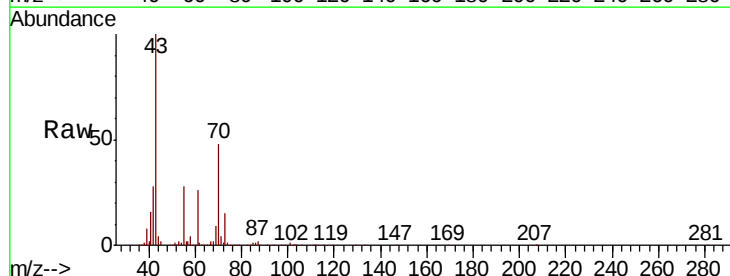
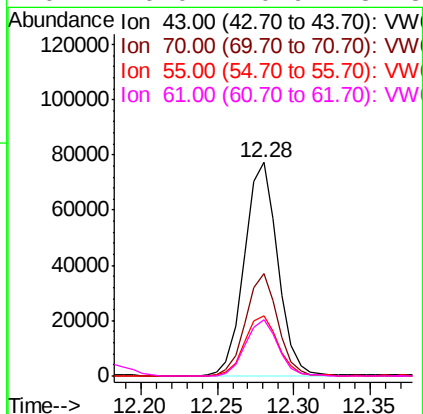
Ion Ratio Lower Upper

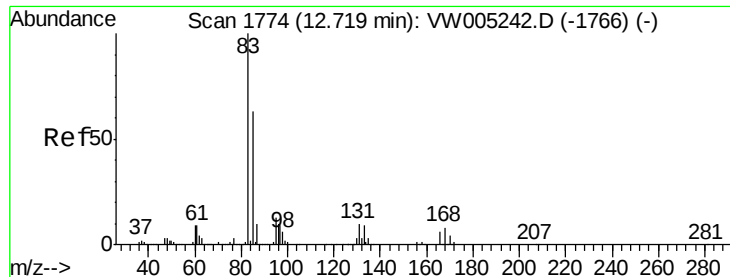
43 100

70 46.3 37.9 56.9

55 28.3 22.6 33.8

61 26.0 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.15 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

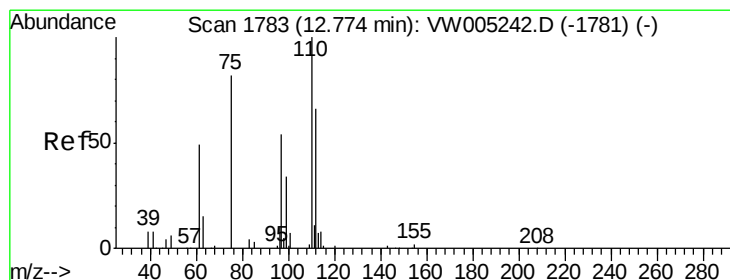
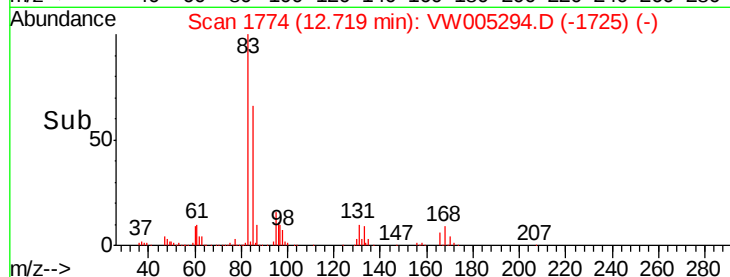
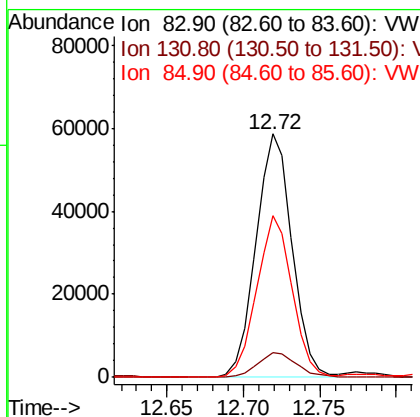
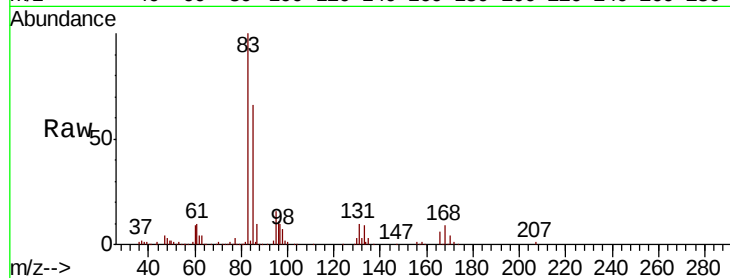
ClientSampled :

VW0911SBS02

Tot Ion:	83	Resp:	96460
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	64.9	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.91 ug/l m

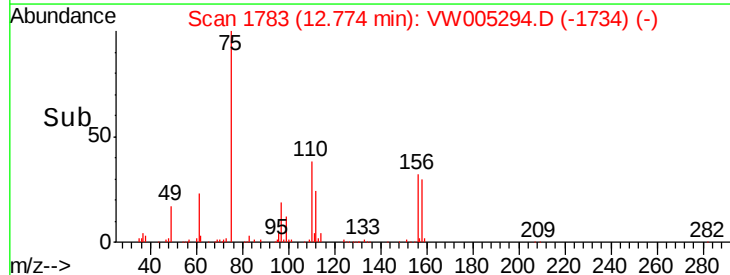
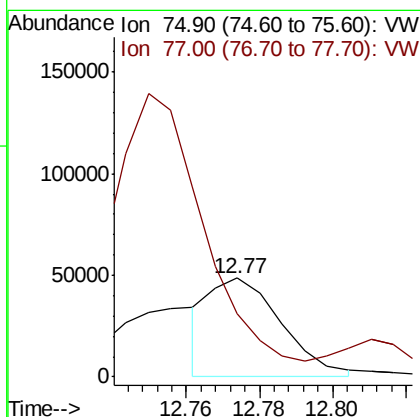
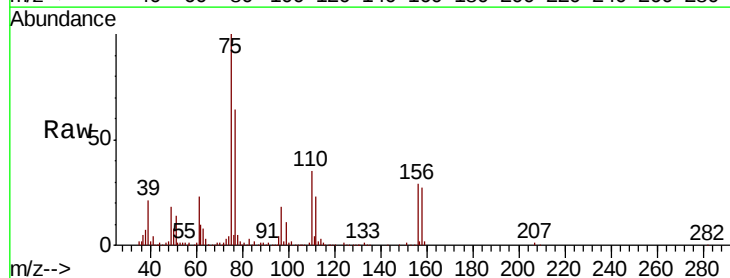
RT: 12.77 min Scan# 1783

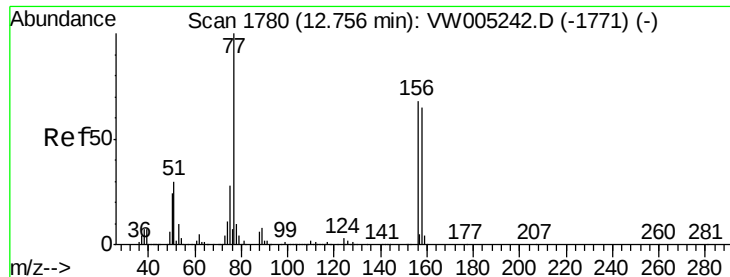
Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Tgt Ion:	75	Resp:	66122
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.93 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005294.D

Acq: 12 Sep 2018 01:15

Instrument :

MSVOA_W

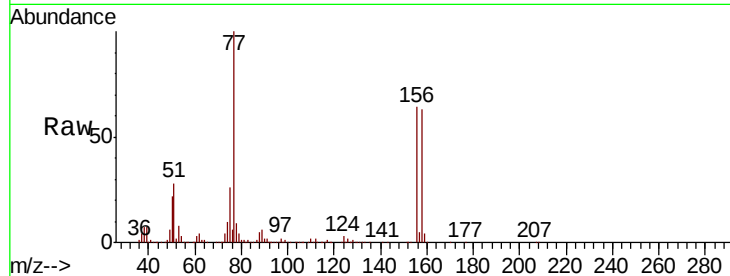
ClientSampleId :

VW0911SBS02

Tot Ion:	156	Resp:	143240
Ion Ratio	Lower	Upper	
156	100		
77	177.3	86.3	258.8
158	98.3	48.6	145.8

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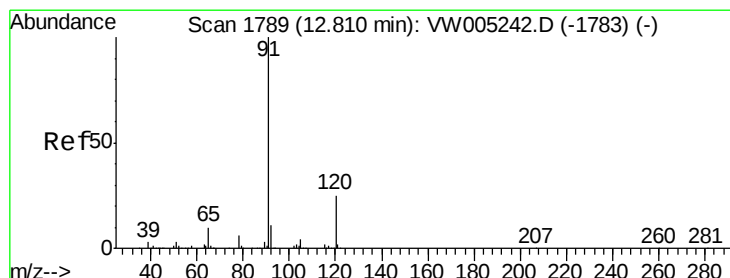
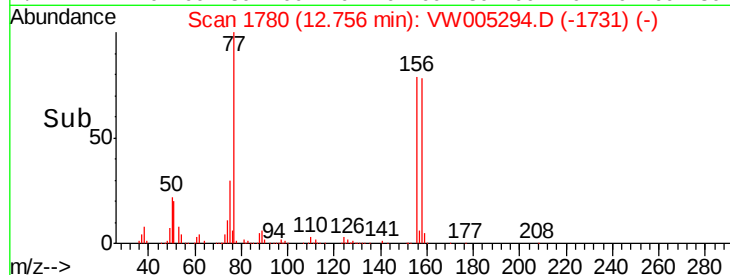
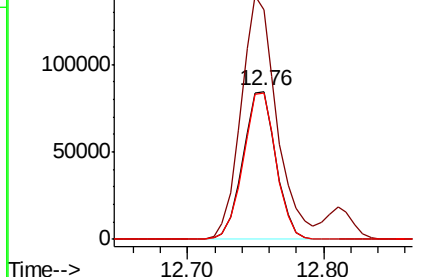
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.08 ug/l

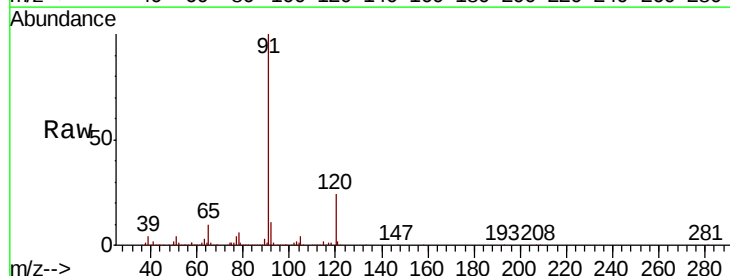
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005294.D

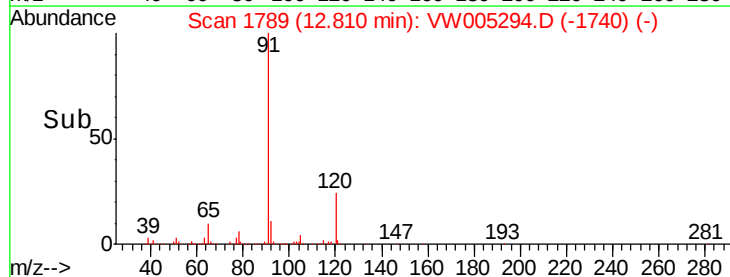
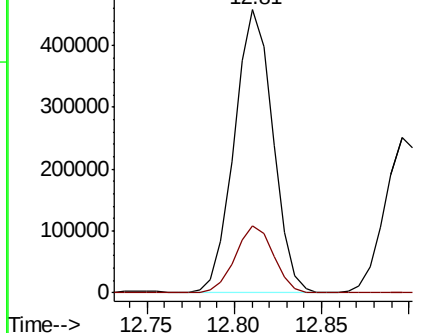
Acq: 12 Sep 2018 01:15

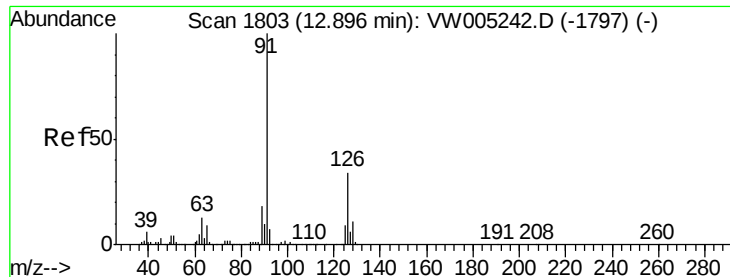
Tgt Ion:	91	Resp:	702064
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





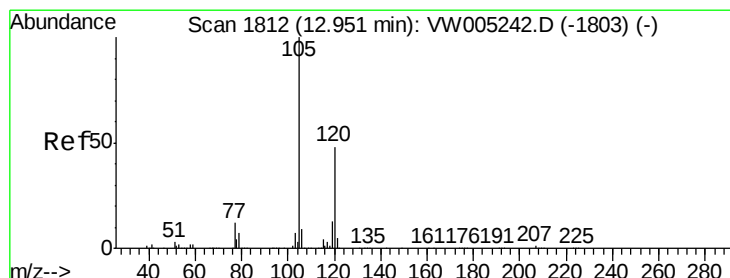
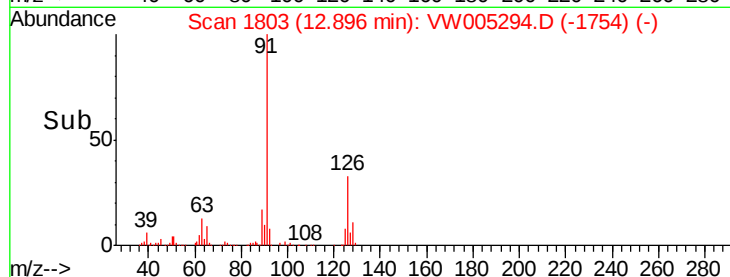
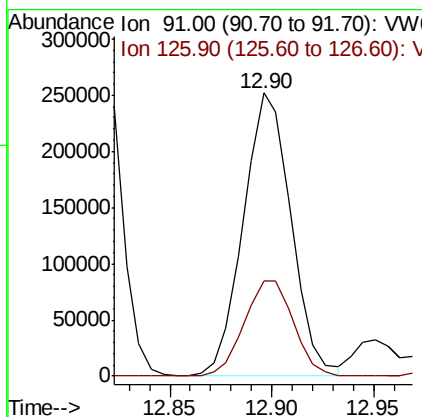
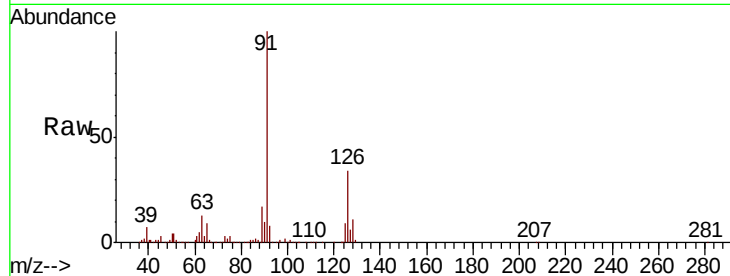
#79
 2-Chlorotoluene
 Concen: 21.47 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Tot Ion: 91 Resp: 409964
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.2 51.5

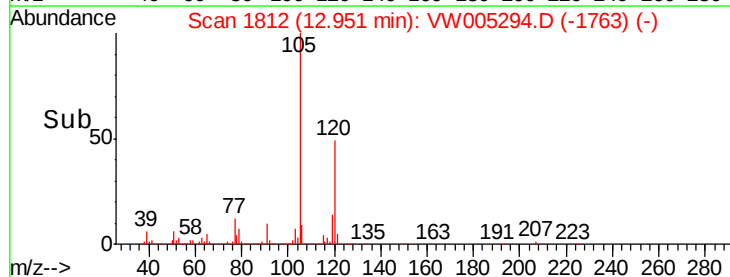
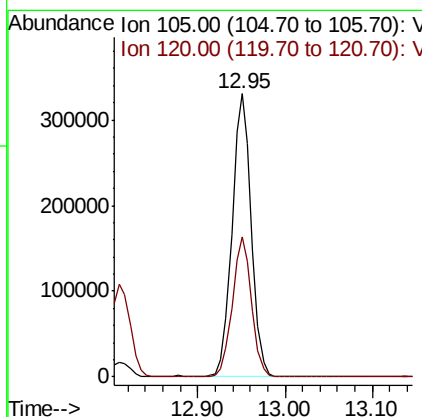
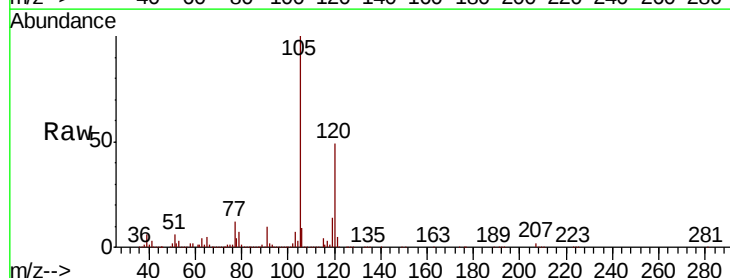
Manual Integrations
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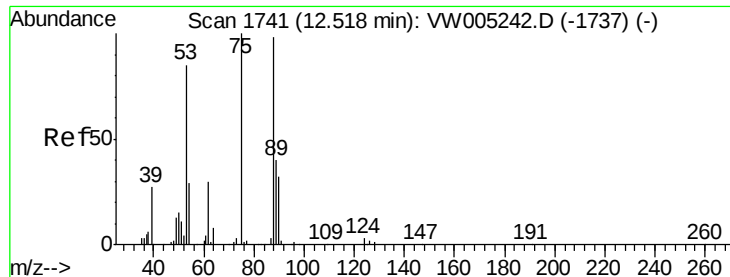
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.38 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion: 105 Resp: 504819
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.4





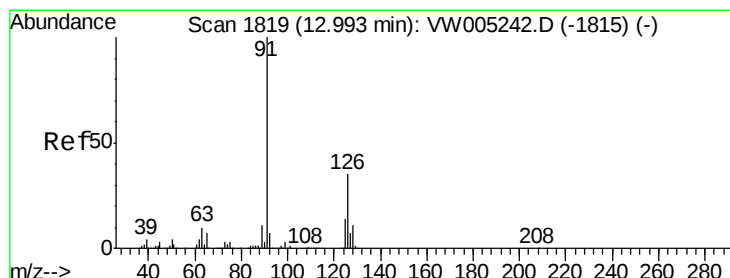
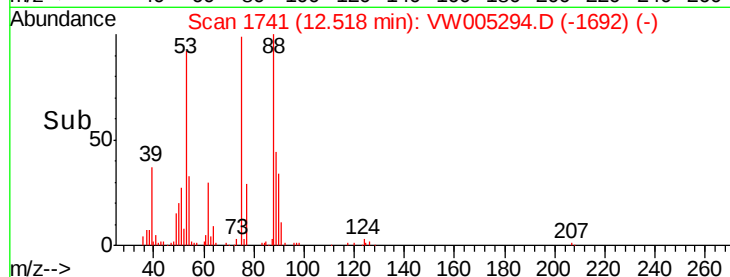
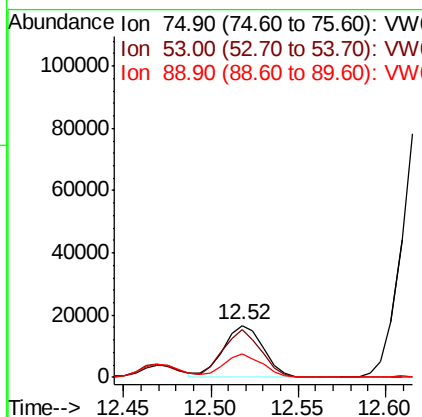
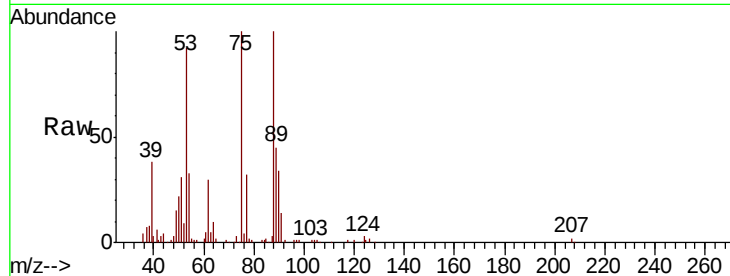
#81
trans-1,4-Dichloro-2-butene
Concen: 20.36 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.6	67.0	100.6
89	44.2	37.0	55.4

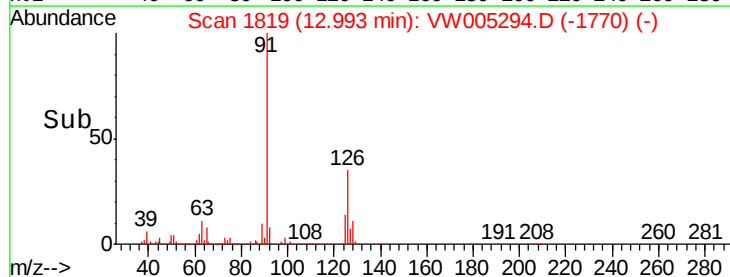
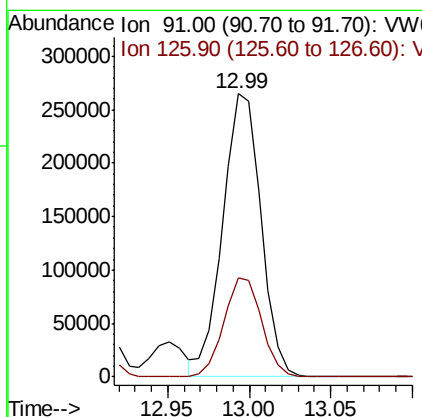
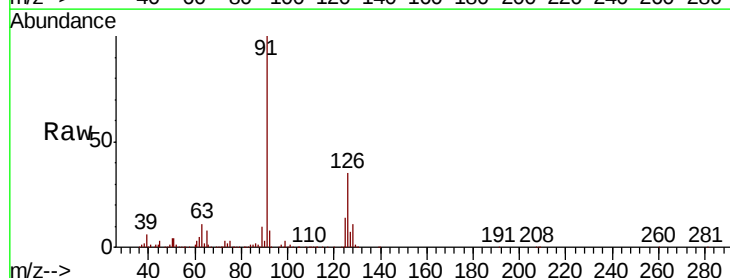
Manual Integrations
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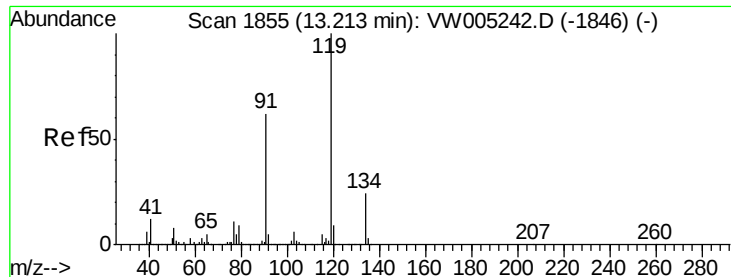
apatel
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#82
4-Chlorotoluene
Concen: 21.51 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.5	52.5





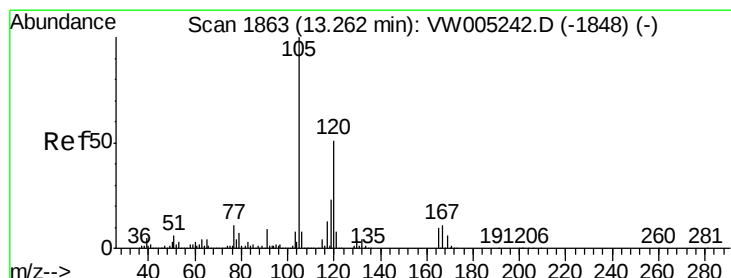
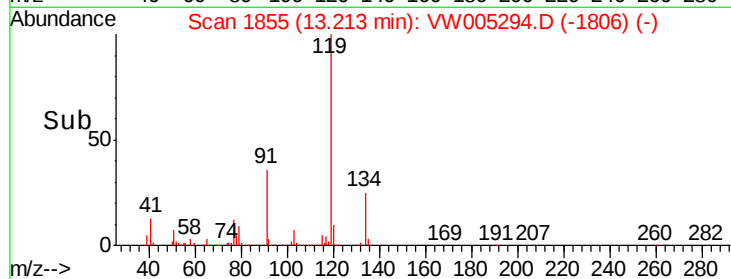
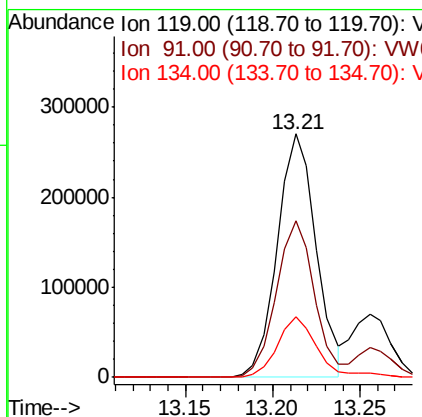
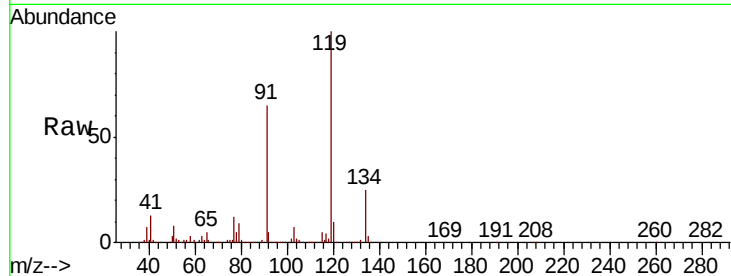
#83
 tert-Butylbenzene
 Concen: 20.30 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	31.7	95.1
134	26.0	13.0	38.9

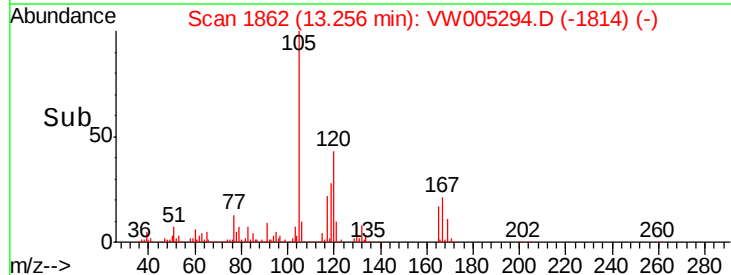
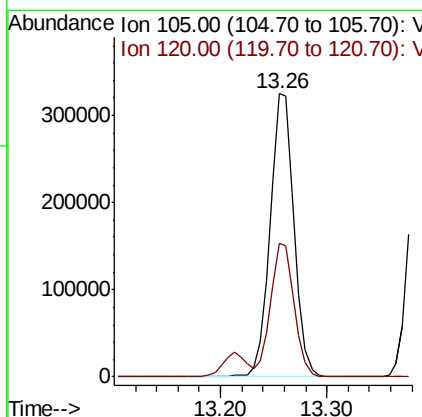
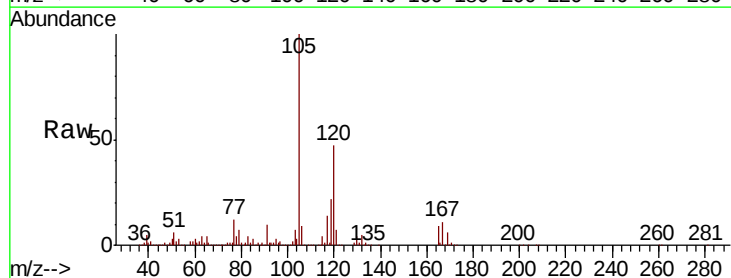
Manual Integrations
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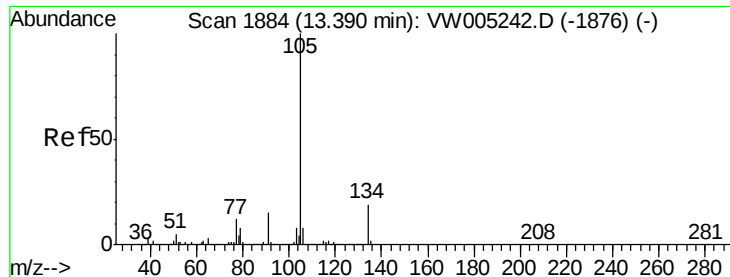
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.46 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.3





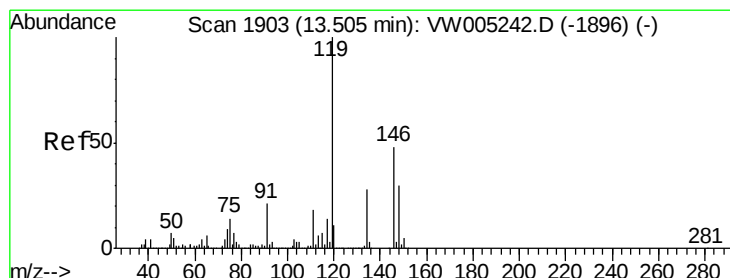
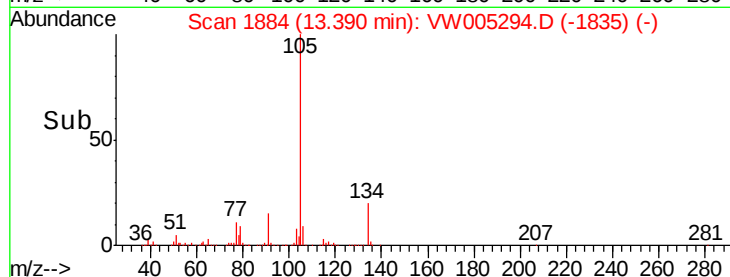
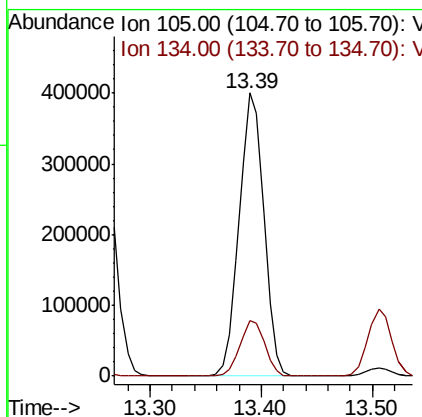
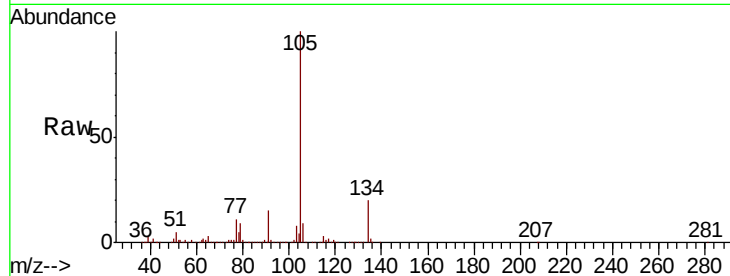
#85
 sec-Butylbenzene
 Concen: 20.75 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.9	29.7

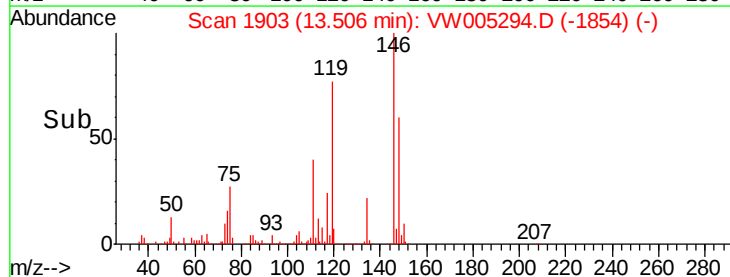
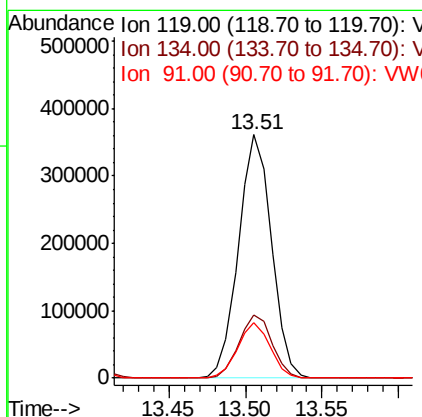
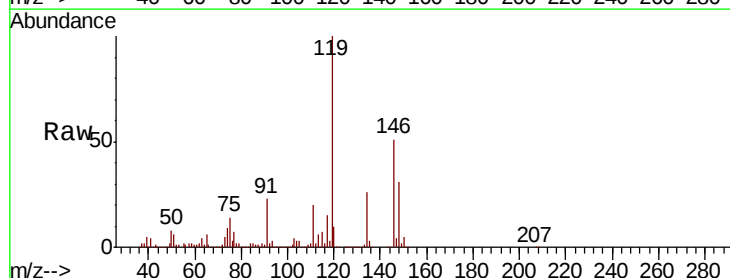
Manual Integrations
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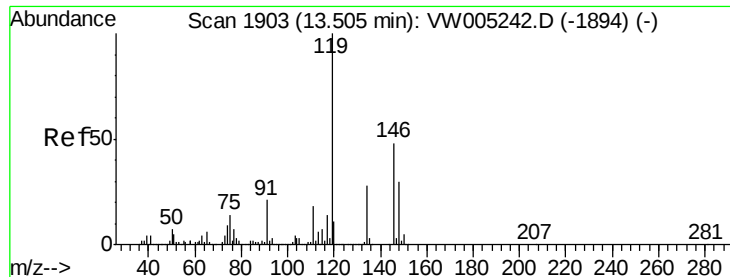
apatel
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#86
 p-Isopropyltoluene
 Concen: 20.49 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.2	39.5
91	22.2	10.7	32.1





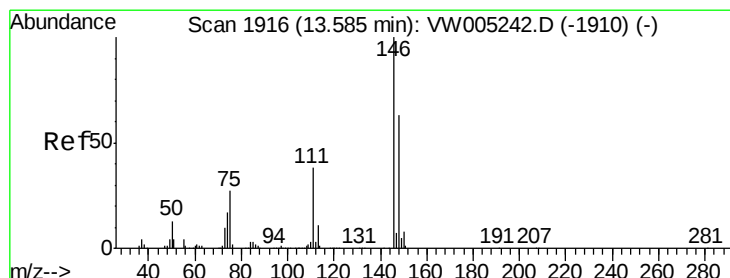
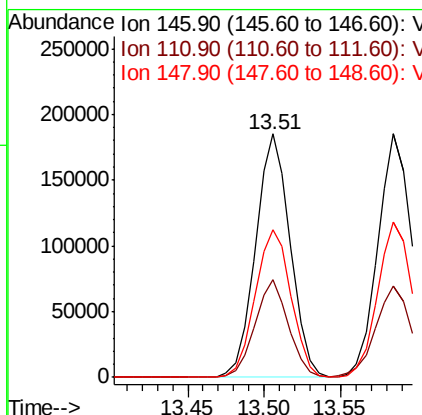
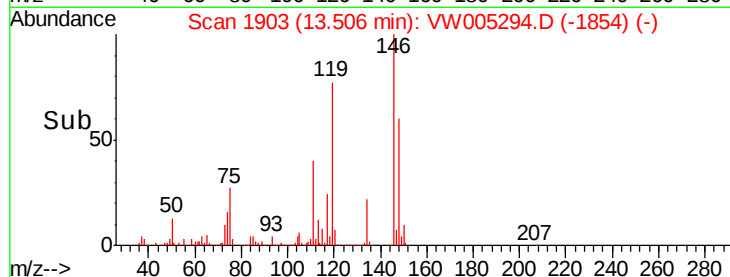
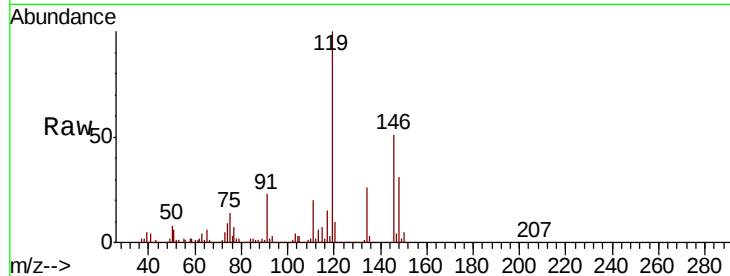
#87
 1,3-Dichlorobenzene
 Concen: 21.19 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	290673		
111	38.6		18.8	56.3
148	63.0		31.6	94.8

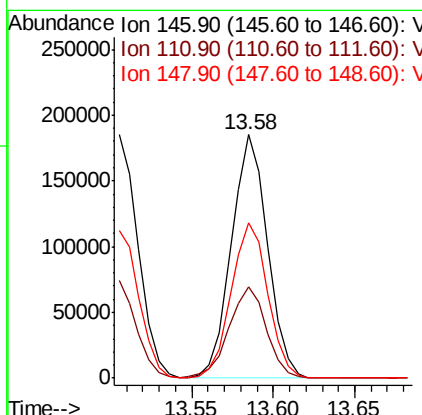
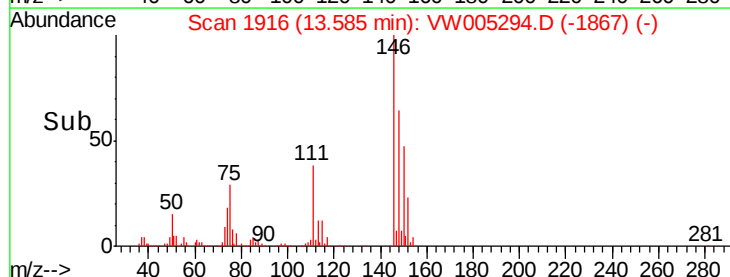
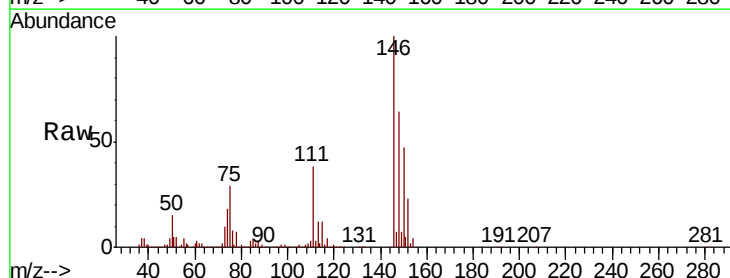
Manual Integrations
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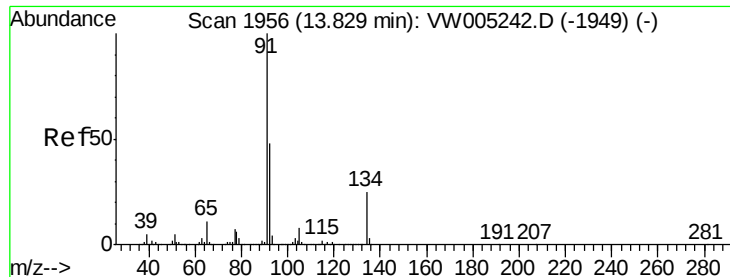
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 21.15 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	284886		
111	38.7		19.1	57.3
148	65.0		32.3	96.9





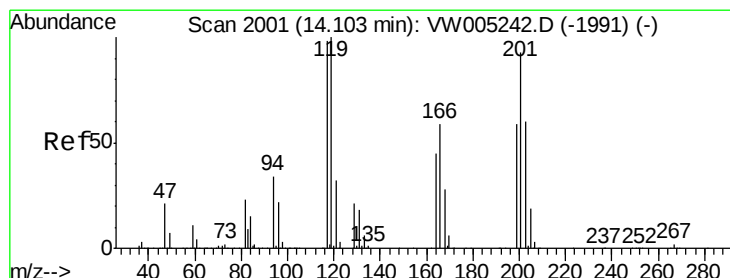
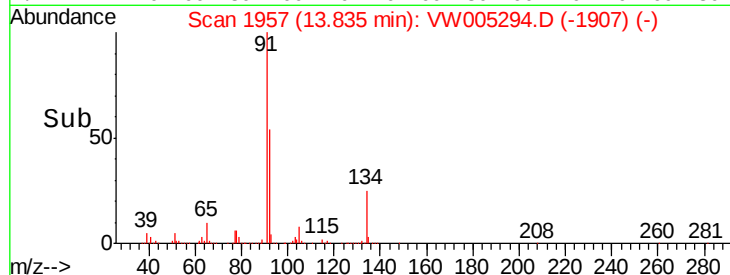
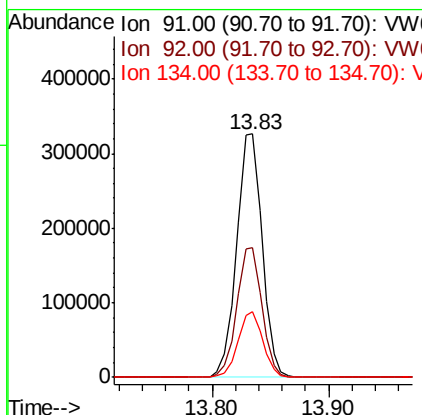
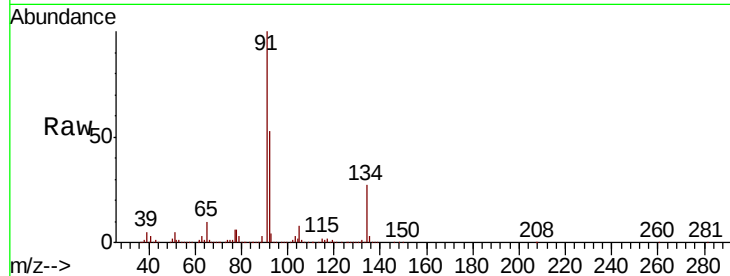
#89
n-Butylbenzene
Concen: 20.15 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.8	77.3
134	26.2	13.6	40.8

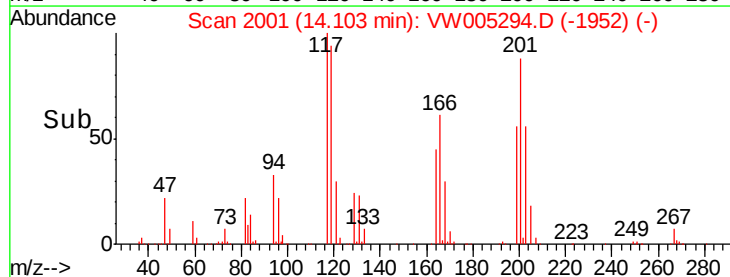
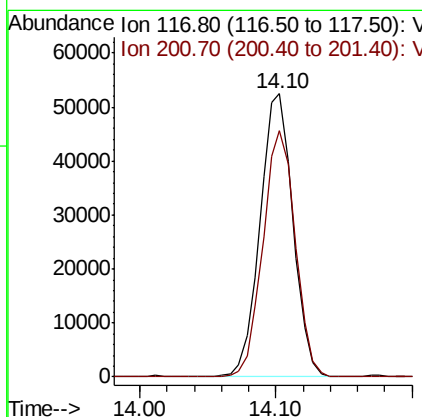
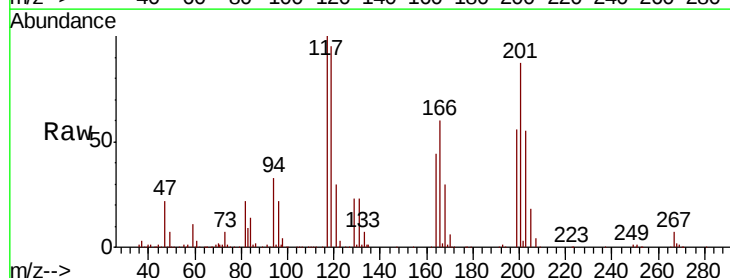
Manual Integrations
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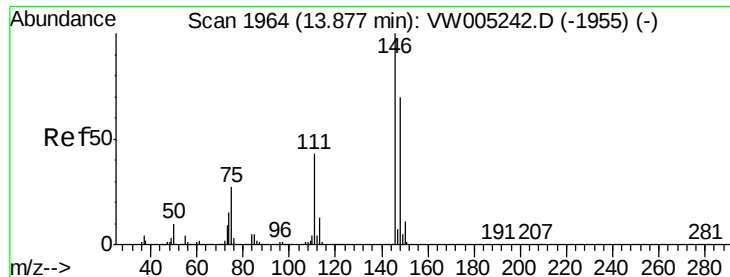
apatel
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#90
Hexachloroethane
Concen: 21.08 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	44.0	132.1





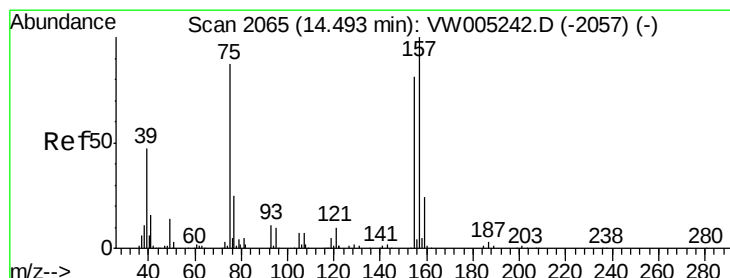
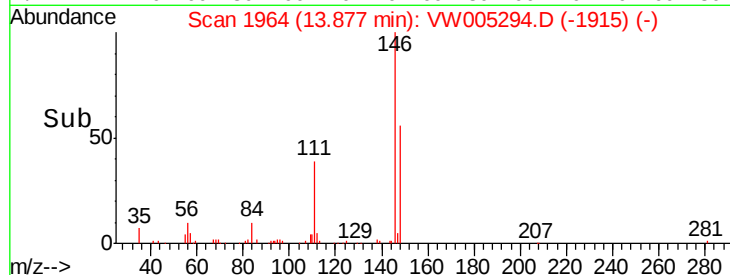
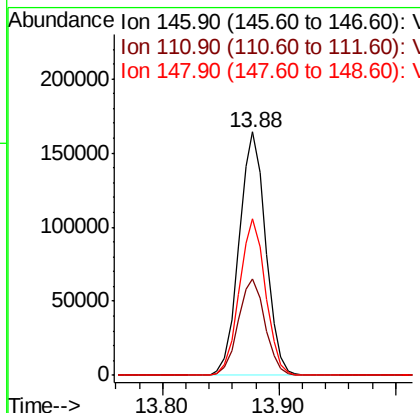
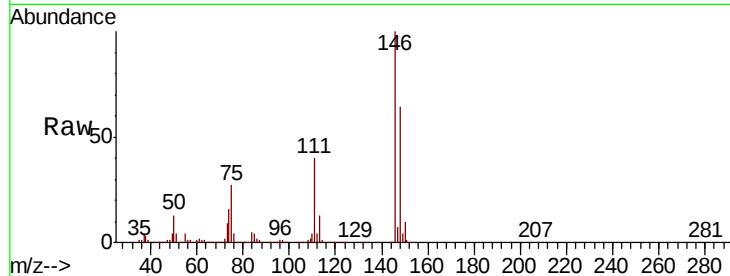
#91
 1,2-Dichlorobenzene
 Concen: 21.69 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	261528		
111	39.9	20.5	61.5	
148	63.3	32.7	98.1	

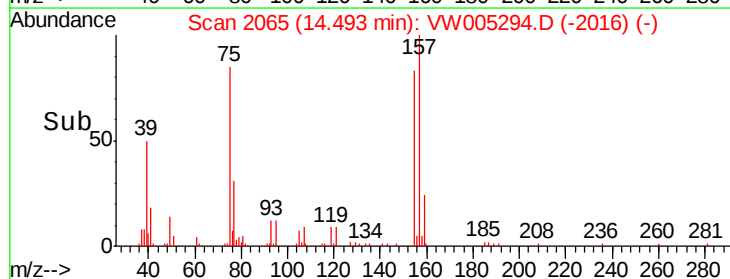
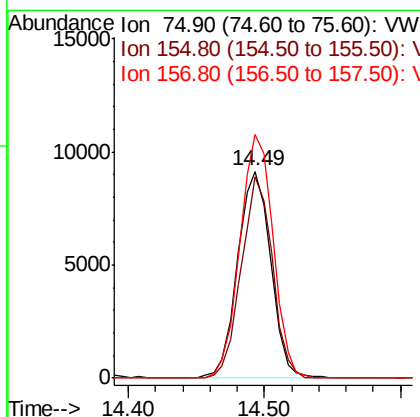
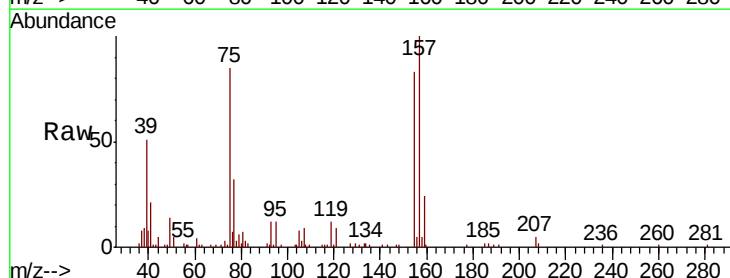
Manual Integrations
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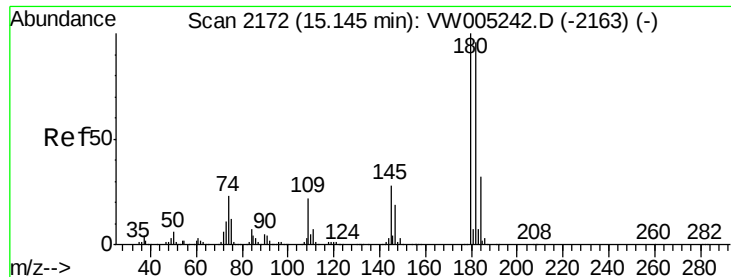
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.38 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15506		
155	91.6	47.4	142.2	
157	118.0	59.4	178.2	





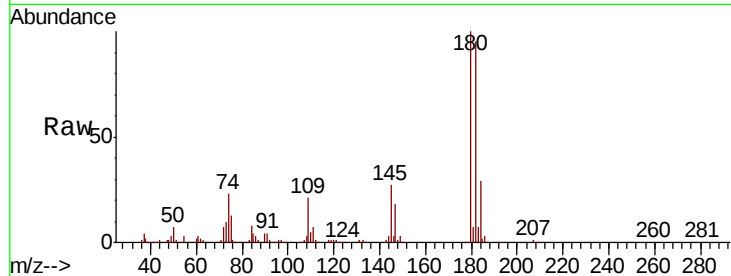
#93
 1,2,4-Trichlorobenzene
 Concen: 19.99 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Instrument :
 MSVOA_W
 ClientSampled :
 VW0911SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	170511		
182	95.1	48.1	144.4	
145	28.8	14.5	43.6	

Manual Integrations
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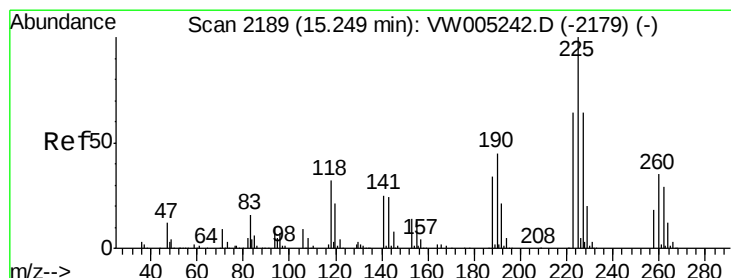
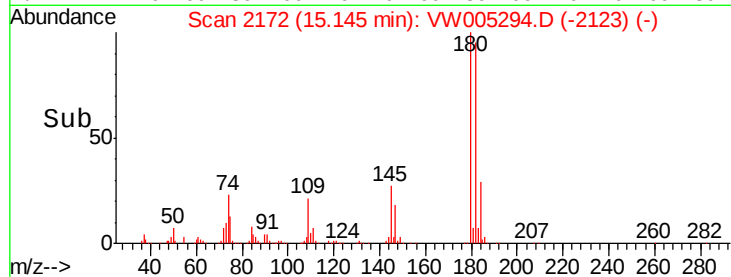
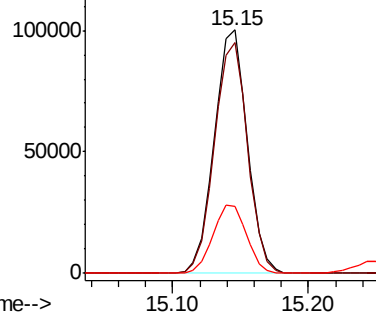


Abundance

Ion 179.80 (179.50 to 180.50): V

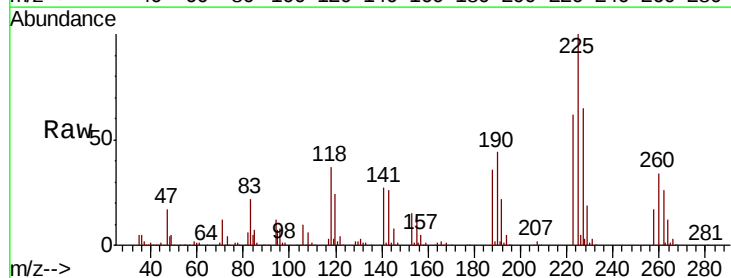
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.15 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: VW005294.D
 Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104577		
223	63.1	31.4	94.2	
227	64.9	32.0	96.0	

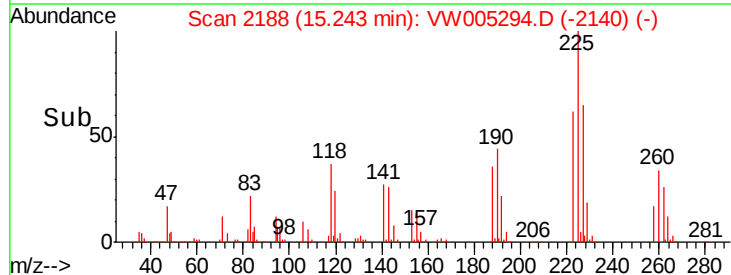
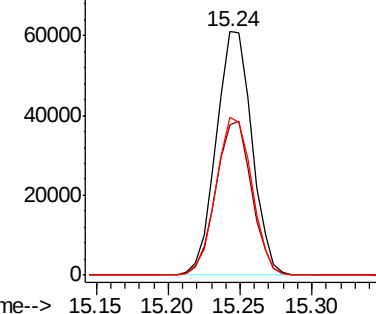


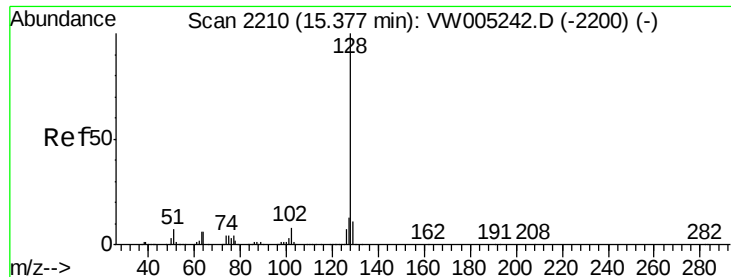
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





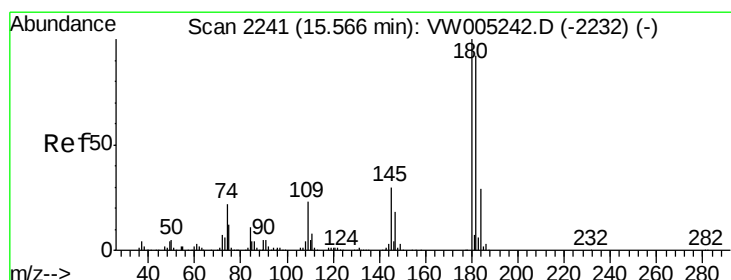
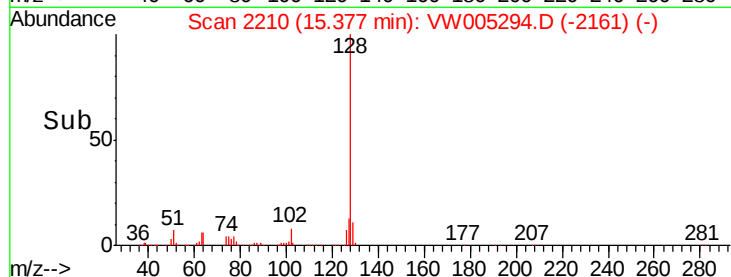
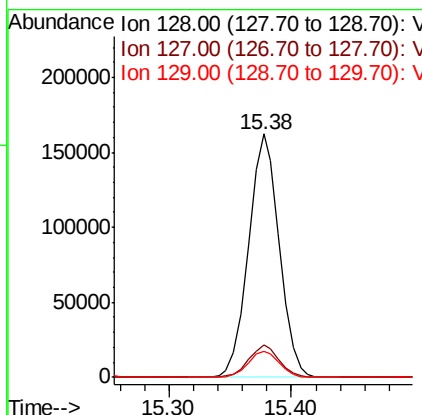
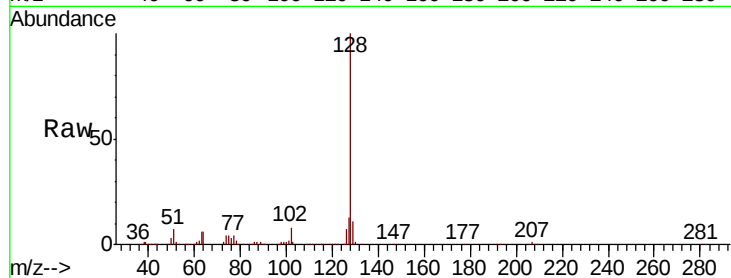
#95
Naphthalene
Concen: 20.46 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	282920		
127	13.2		10.3	15.5
129	10.9		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.26 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005294.D
Acq: 12 Sep 2018 01:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	148656		
182	95.6		47.2	141.6
145	31.1		15.2	45.6

