

Data File : VW005544.D
Acq On : 20 Sep 2018 21:54
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

apatel
10/2/2018 12:28:22 PM

Quant Time: Sep 21 05:51:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 04:37:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183074	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144583	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	
35) Dibromofluoromethane	7.88	113	118373	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
50) Toluene-d8	10.33	98	487399	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.62	95	179582	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	73754	32.906	ug/l	100
3) Chloromethane	2.21	50	87880	32.223	ug/l	100
4) Vinyl Chloride	2.37	62	111331	42.111	ug/l	100
5) Bromomethane	2.78	94	74476	38.363	ug/l	100
6) Chloroethane	2.93	64	70056	44.468	ug/l	100
7) Trichlorofluoromethane	3.26	101	88657	26.764	ug/l	100
8) Diethyl Ether	3.68	74	57378	52.780	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109864	51.603	ug/l	100
10) Methyl Iodide	4.27	142	175239	74.502	ug/l	100
11) Tert butyl alcohol	5.20	59	35485	197.762	ug/l	100
12) 1,1-Dichloroethene	4.04	96	105991	54.446	ug/l	100
13) Acrolein	3.89	56	23239	197.164	ug/l	100
14) Allyl chloride	4.67	41	192053	53.503	ug/l	100
15) Acrylonitrile	5.37	53	128125	259.924	ug/l	100
16) Acetone	4.13	43	111107	261.514	ug/l	100
17) Carbon Disulfide	4.38	76	330790	49.279	ug/l	100
18) Methyl Acetate	4.67	43	64132	51.831	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	173239	35.671	ug/l	100
20) Methylene Chloride	4.92	84	124484	41.019	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	120831	52.375	ug/l	100
22) Diisopropyl ether	6.32	45	388934	55.416	ug/l	100
23) Vinyl Acetate	6.26	43	1110846	277.055	ug/l	100
24) 1,1-Dichloroethane	6.21	63	230553	53.726	ug/l	100
25) 2-Butanone	7.18	43	163086	263.324	ug/l	100
26) 2,2-Dichloropropane	7.17	77	154210	41.949	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	134224	53.465	ug/l	100
28) Bromochloromethane	7.52	49	87847	52.588	ug/l	100
29) Tetrahydrofuran	7.54	42	107014	270.333	ug/l	100
30) Chloroform	7.68	83	240135	53.910	ug/l	100
31) Cyclohexane	7.96	56	206004	50.278	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	207879	51.094	ug/l	100
36) 1,1-Dichloropropene	8.09	75	185419	52.678	ug/l	100
37) Ethyl Acetate	7.26	43	77213	53.522	ug/l	100
38) Carbon Tetrachloride	8.07	117	197065	53.381	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217416	53.274	ug/l	100
40) Benzene	8.33	78	523324	51.612	ug/l	100
41) Methacrylonitrile	7.49	41	45384	52.519	ug/l	100
42) 1,2-Dichloroethane	8.40	62	167457	52.268	ug/l	100
43) Isopropyl Acetate	8.43	43	149088	53.274	ug/l	100
44) Trichloroethene	9.10	130	132704	50.834	ug/l	100
45) 1,2-Dichloropropane	9.37	63	129632	53.102	ug/l	100
46) Dibromomethane	9.46	93	64513	53.476	ug/l	100
47) Bromodichloromethane	9.65	83	175059	53.717	ug/l	100
48) Methyl methacrylate	9.44	41	73769	53.292	ug/l	100
49) 1,4-Dioxane	9.46	88	19734	1006.235	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	382641	267.329	ug/l	100
52) Toluene	10.39	92	332387	49.128	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	177758	54.473	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	199697	54.075	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	90866	51.002	ug/l	100
56) Ethyl methacrylate	10.65	69	118229	53.012	ug/l	100
57) 1,3-Dichloropropane	10.94	76	161072	52.482	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	261381	257.694	ug/l	100
59) 2-Hexanone	10.98	43	264828	272.643	ug/l	100
60) Dibromochloromethane	11.13	129	111691	52.182	ug/l	100
61) 1,2-Dibromoethane	11.24	107	85795	53.512	ug/l	100
64) Tetrachloroethene	10.87	164	118686	47.828	ug/l	100
65) Chlorobenzene	11.66	112	362177	50.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	131610	55.908	ug/l	100
67) Ethyl Benzene	11.74	91	658321	51.958	ug/l	100
68) m/p-Xylenes	11.85	106	501440	103.063	ug/l	100
69) o-Xylene	12.17	106	234457	51.764	ug/l	100
70) Styrene	12.19	104	402751	53.667	ug/l	100
71) Bromoform	12.35	173	69501	55.887	ug/l #	100
73) Isopropylbenzene	12.47	105	665024	51.561	ug/l	100
74) N-amyl acetate	12.28	43	146187	53.453	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	105615	54.994	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	74054m	48.534	ug/l	
77) Bromobenzene	12.76	156	151555	49.859	ug/l	100
78) n-propylbenzene	12.81	91	808227	51.943	ug/l	100
79) 2-Chlorotoluene	12.90	91	459980	50.291	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	584816	52.120	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	34754	58.075	ug/l	100
82) 4-Chlorotoluene	12.99	91	488460	50.551	ug/l	100
83) tert-Butylbenzene	13.21	119	487019	52.184	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	597922	52.438	ug/l	100
85) sec-Butylbenzene	13.39	105	697998	51.757	ug/l	100
86) p-Isopropyltoluene	13.51	119	635540	52.666	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	308263	49.939	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	304198	50.112	ug/l	100
89) n-Butylbenzene	13.83	91	590848	52.638	ug/l	100
90) Hexachloroethane	14.10	117	110648	53.085	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	272229	50.552	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18776	51.553	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092118\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	197273	54.478	ug/l	100
94) Hexachlorobutadiene	15.24	225	123413	52.454	ug/l	100
95) Naphthalene	15.38	128	339715	55.999	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	174014	54.851	ug/l	100

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

Data File : VW005544.D

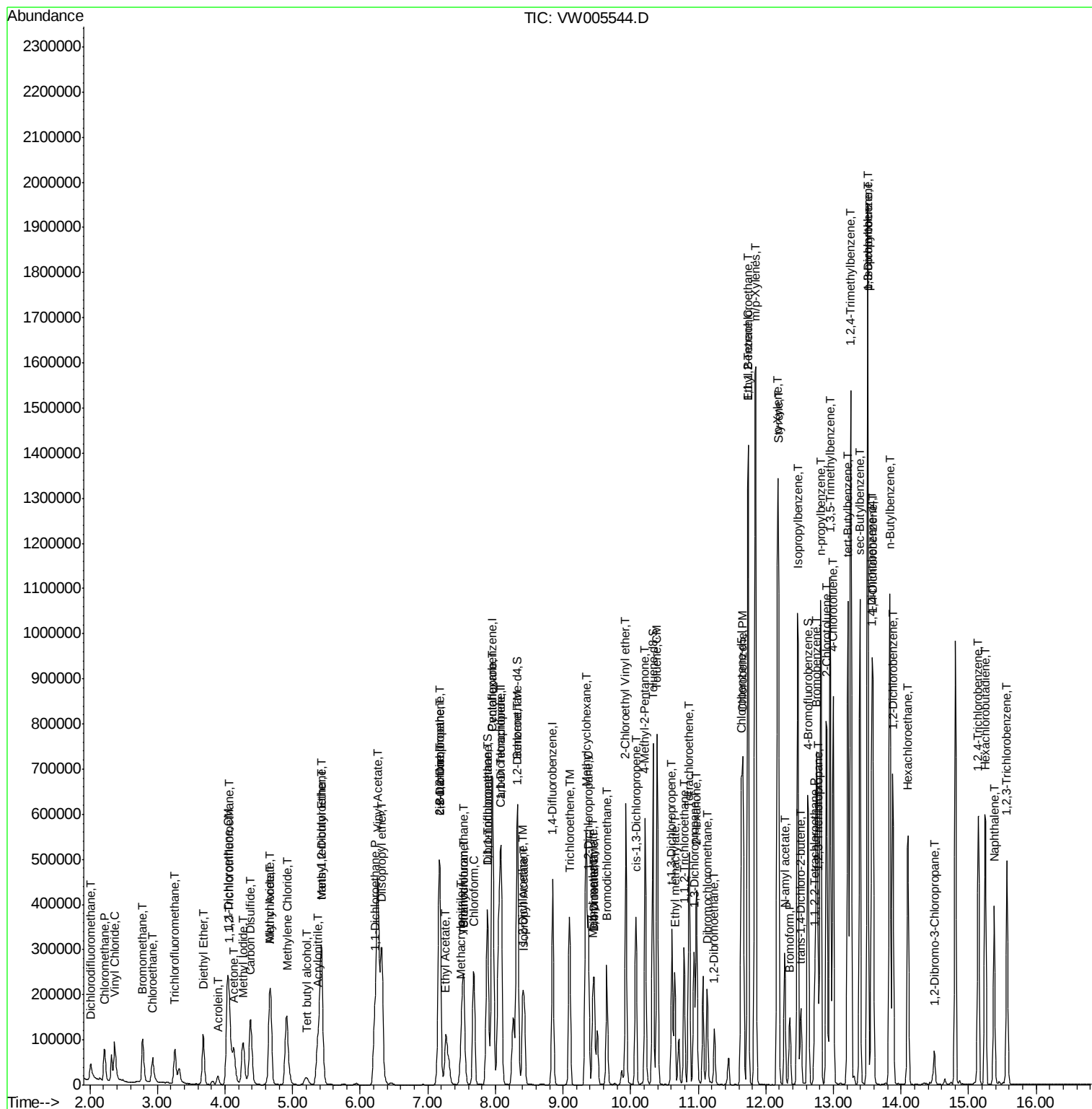
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Acq On       : 20 Sep 2018   21:54
Operator    : SY/AP
Sample      : VSTDICCC050
Misc       : 5.00G/5ML/MSV0A_W/SOIL
ALS Vial    : 8      Sample Multiplier: 1
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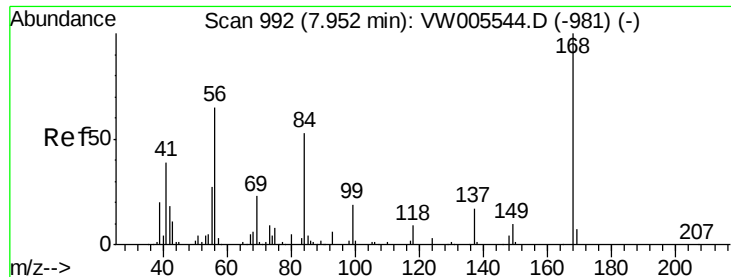
Instrument :
MSVOA_W
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:168 Resp: 243440

Ion Ratio Lower Upper

168 100

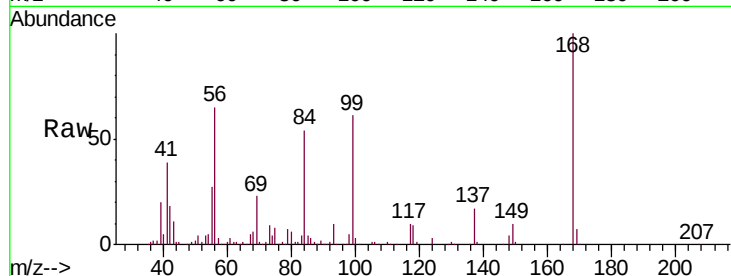
99 60.5 48.4 72.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

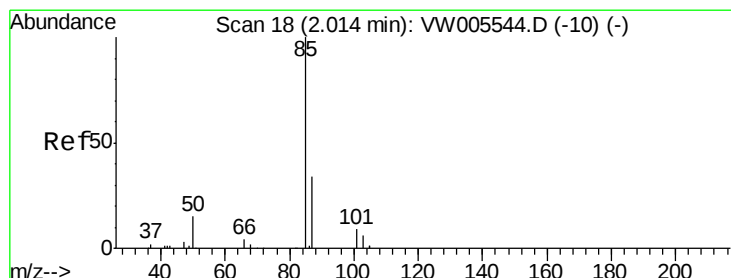
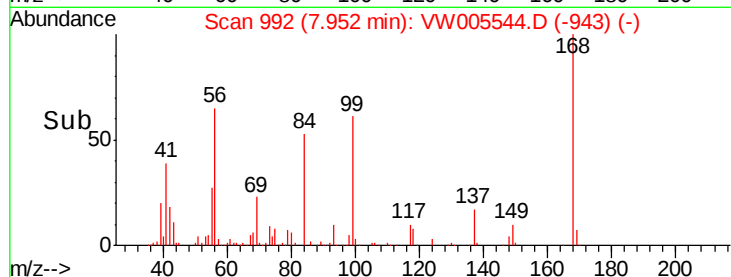
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 32.906 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005544.D

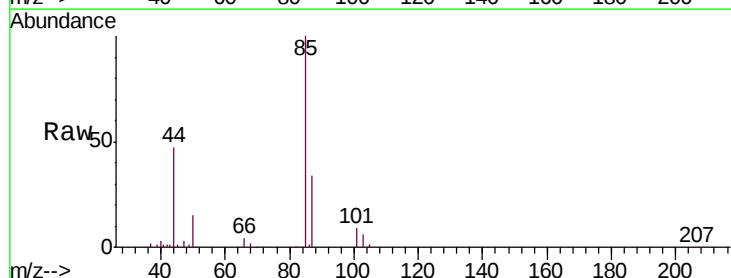
Acq: 20 Sep 2018 21:54

Tgt Ion: 85 Resp: 73754

Ion Ratio Lower Upper

85 100

87 33.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

10000

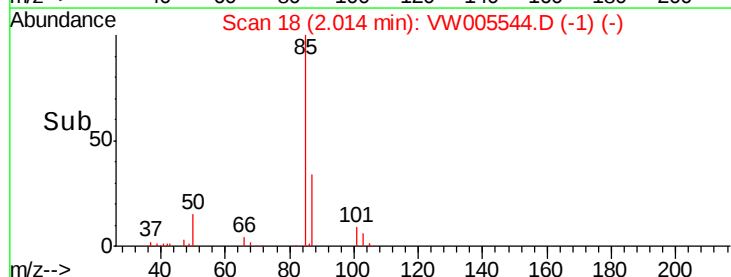
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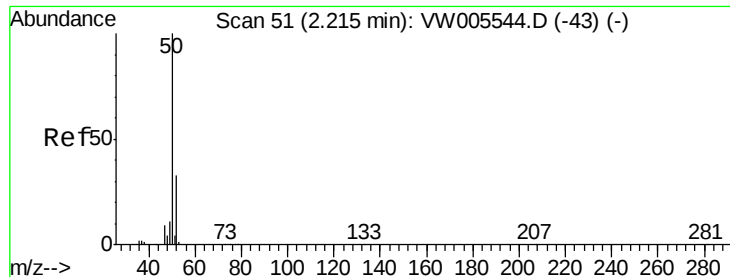
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 32.223 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 87880

Ion Ratio Lower Upper

50 100

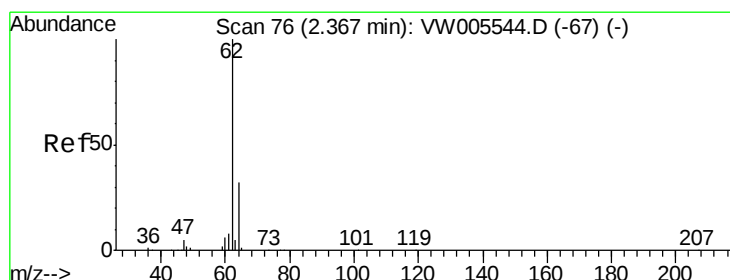
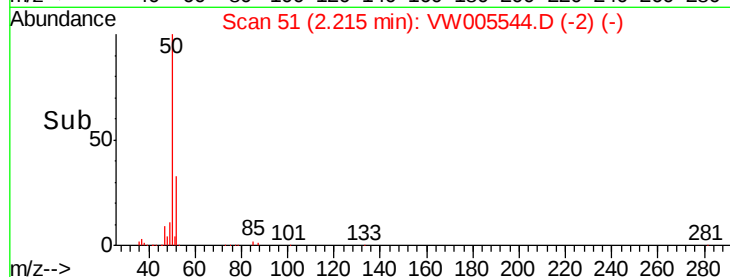
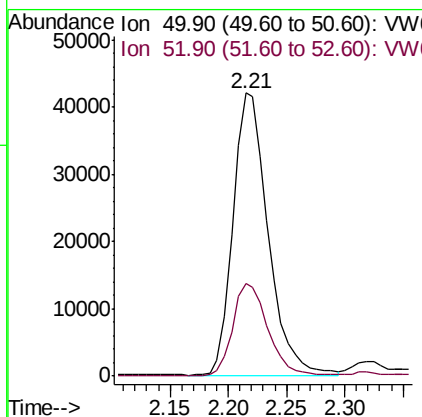
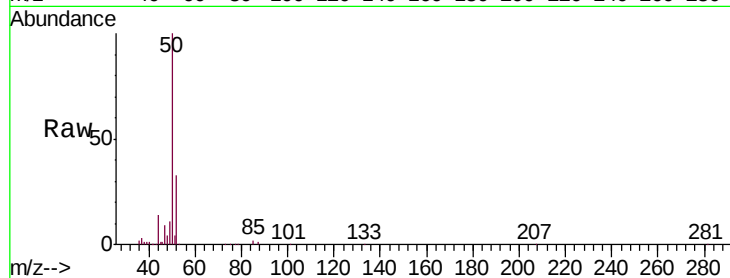
52 32.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.111 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005544.D

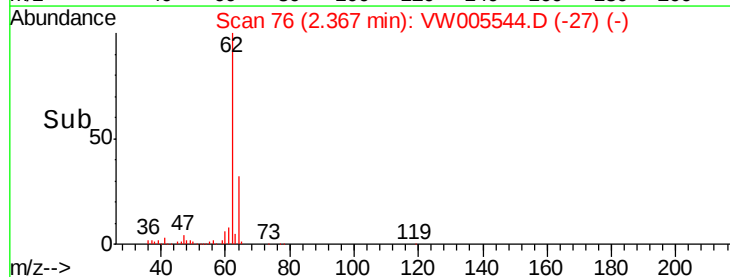
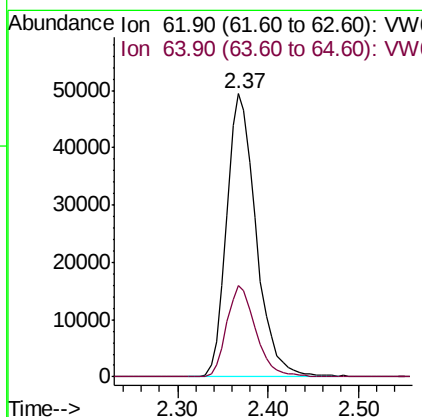
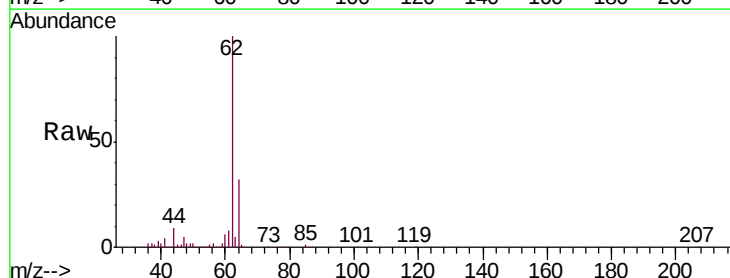
Acq: 20 Sep 2018 21:54

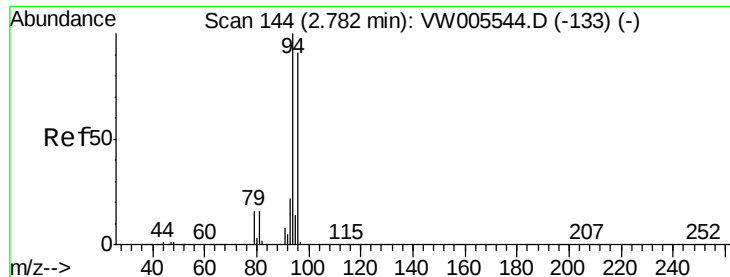
Tgt Ion: 62 Resp: 111331

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 38.363 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 74476

Ion Ratio Lower Upper

94 100

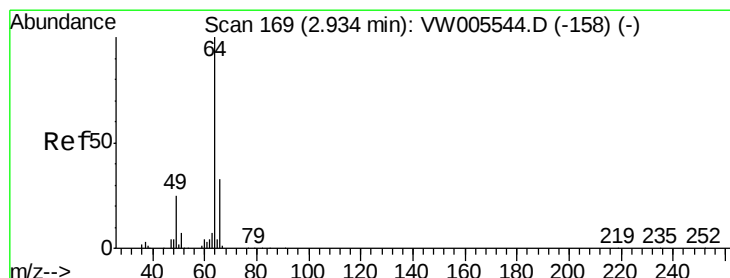
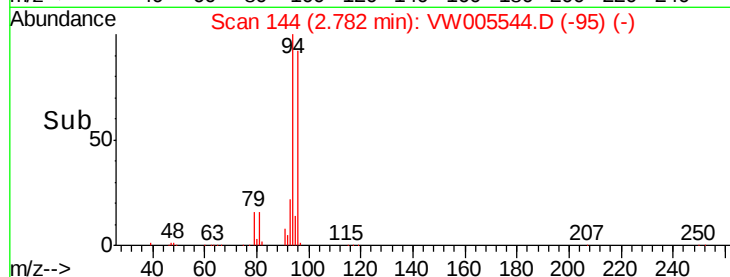
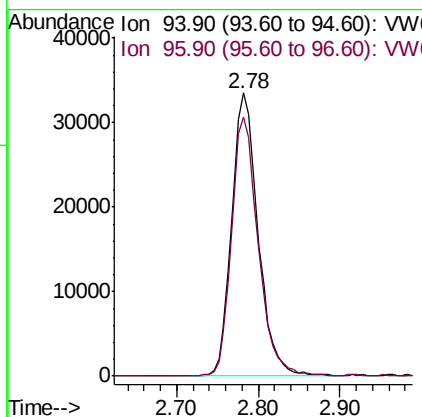
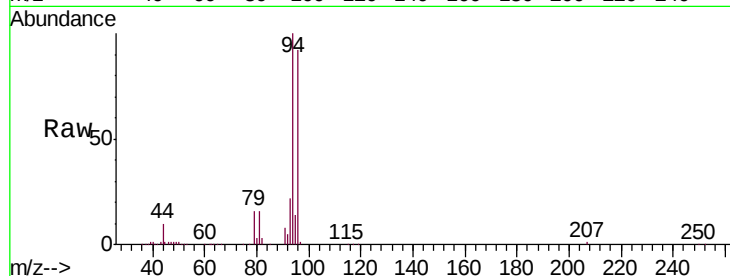
96 91.4 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 44.468 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW005544.D

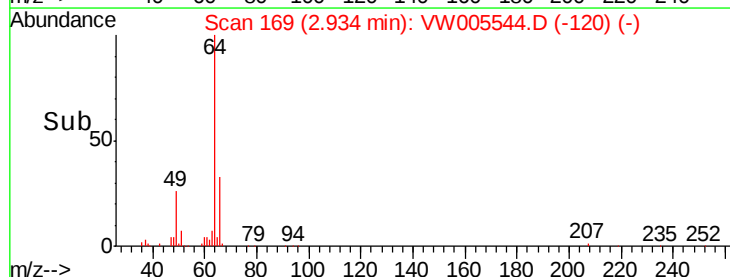
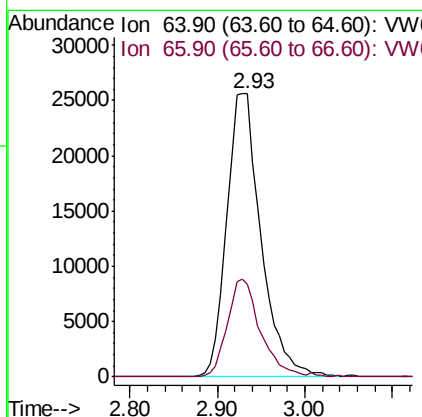
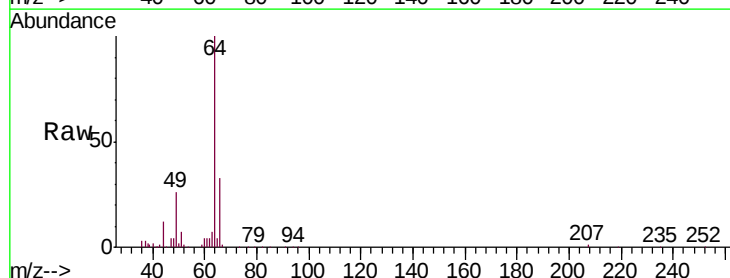
Acq: 20 Sep 2018 21:54

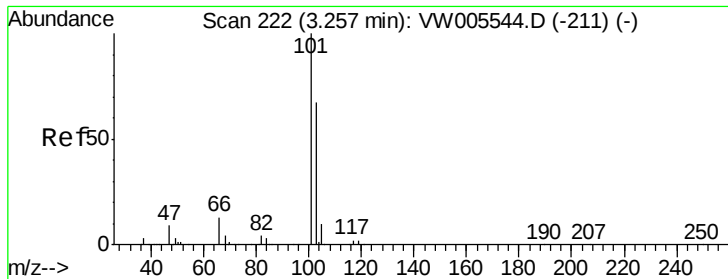
Tgt Ion: 64 Resp: 70056

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0





#7

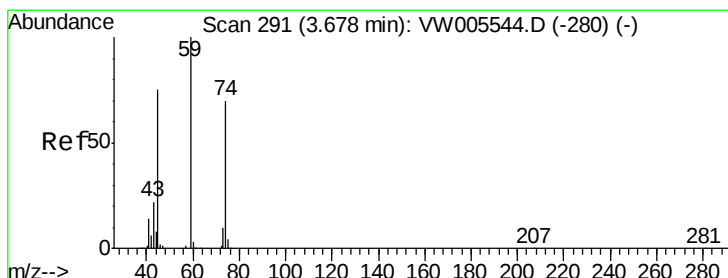
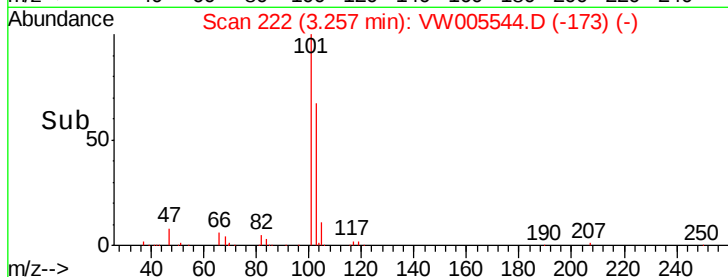
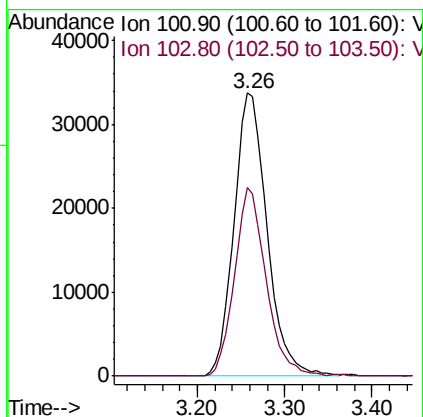
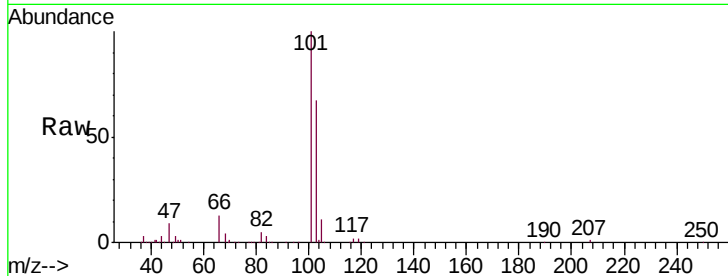
Trichlorofluoromethane
 Concen: 26.764 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
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 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.5	53.2	79.8

Manual Integrations
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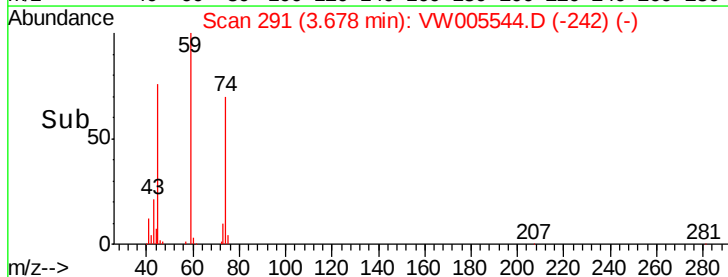
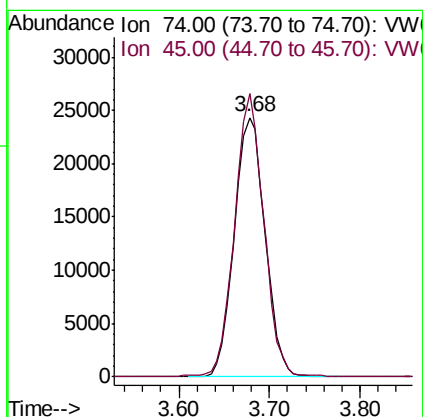
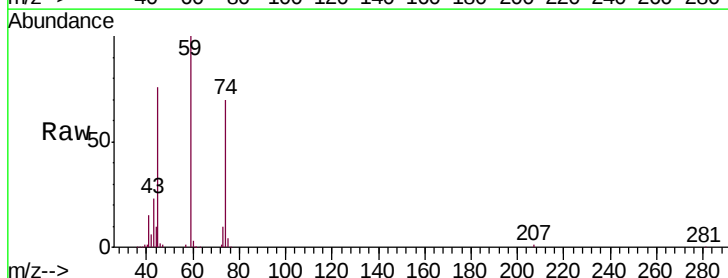
apatel
 10/2/2018 12:28:22 PM

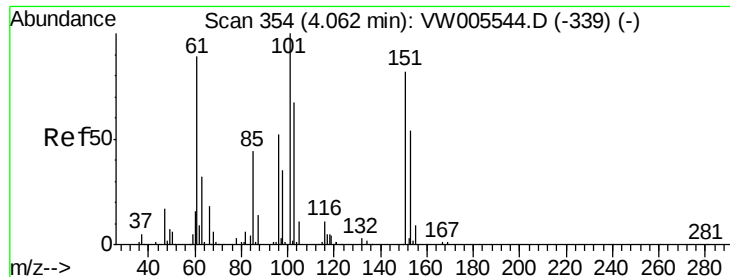


#8

Diethyl Ether
 Concen: 52.780 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.603 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

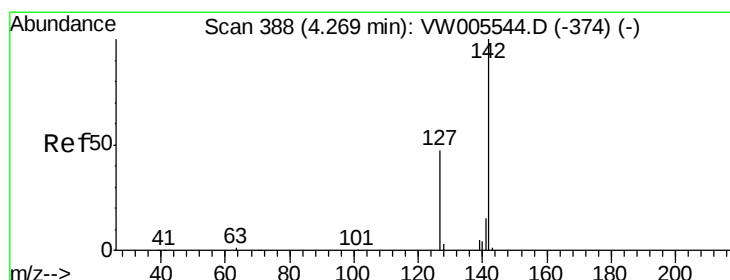
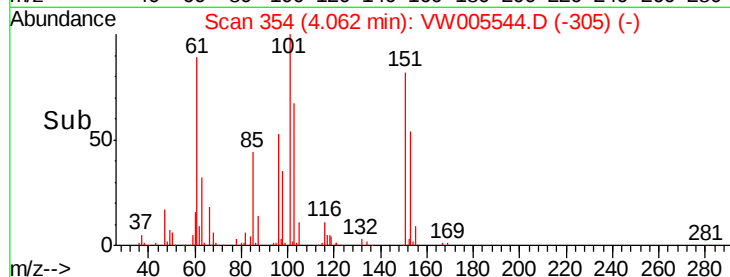
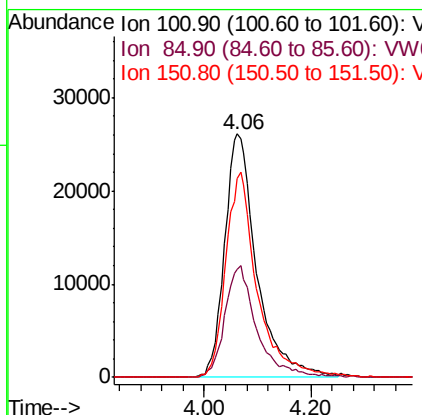
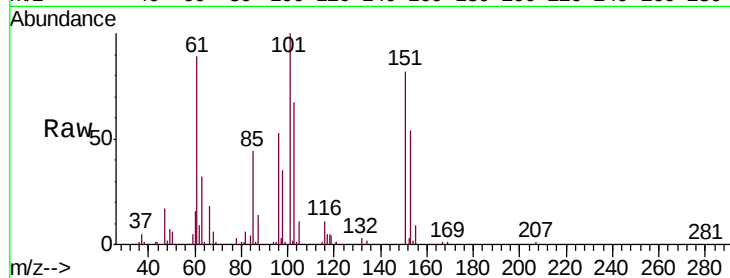
ClientSampleId :

VSTDICCC050

Tgt Ion:	101	Resp:	109864
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.4	54.6
151	82.2	65.8	98.6

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#10

Methyl Iodide

Concen: 74.502 ug/l

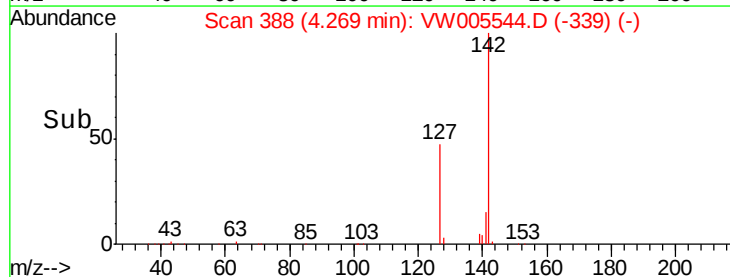
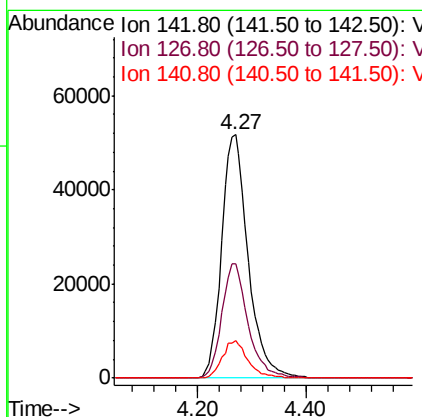
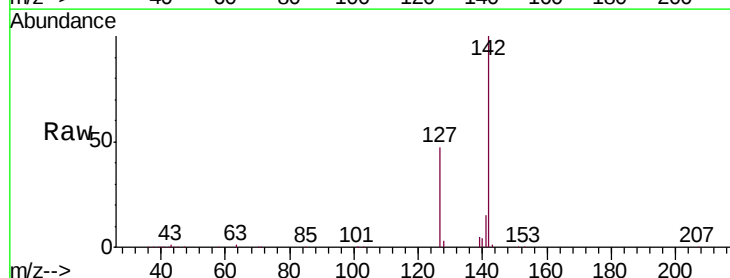
RT: 4.27 min Scan# 388

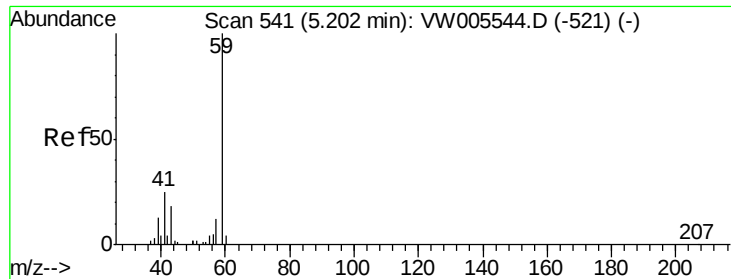
Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Tgt Ion:	142	Resp:	175239
Ion Ratio	Lower	Upper	
142	100		
127	46.7	37.4	56.0
141	14.9	11.9	17.9





#11

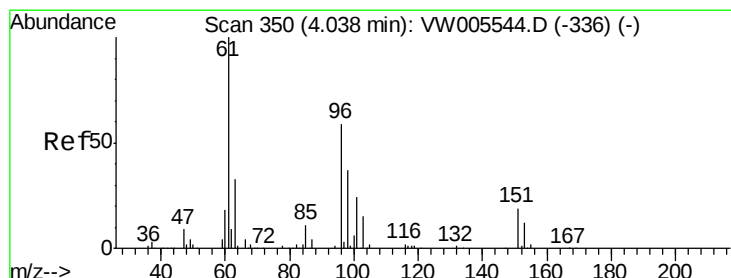
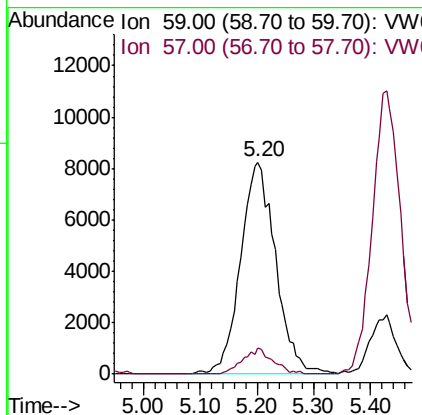
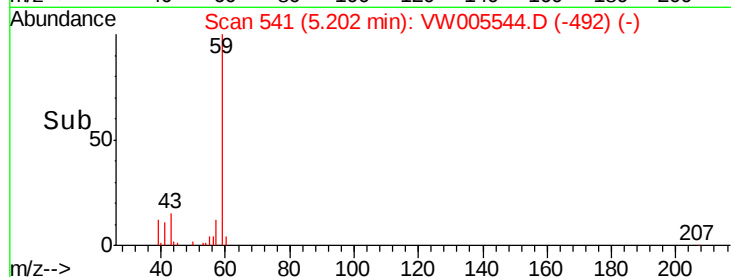
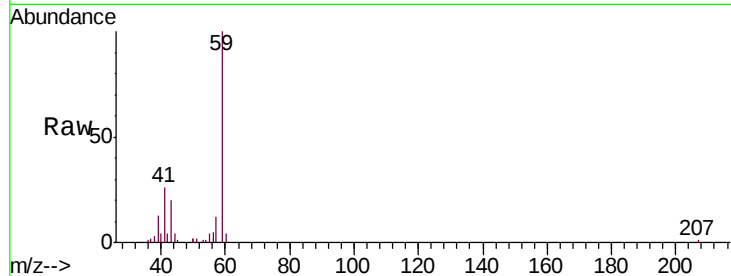
Tert butyl alcohol
Concen: 197.762 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

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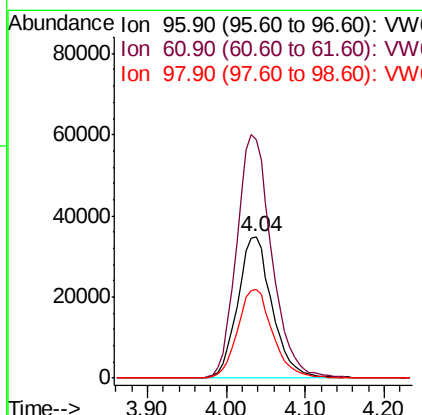
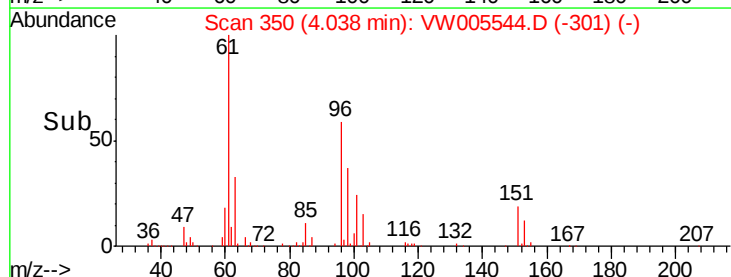
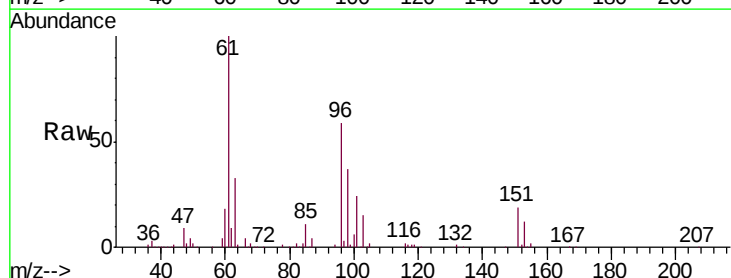
apatel
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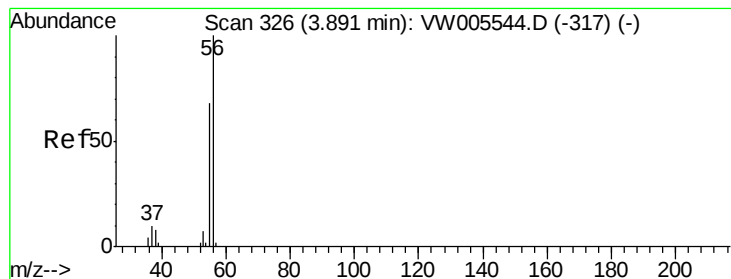


#12

1,1-Dichloroethene
Concen: 54.446 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.8	135.0	202.6
98	63.3	50.6	76.0





#13

Acrolein

Concen: 197.164 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 23239

Ion Ratio Lower Upper

56 100

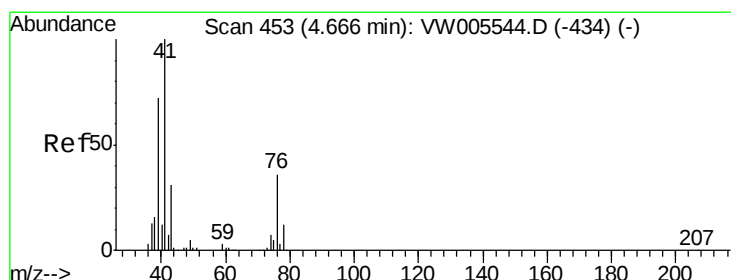
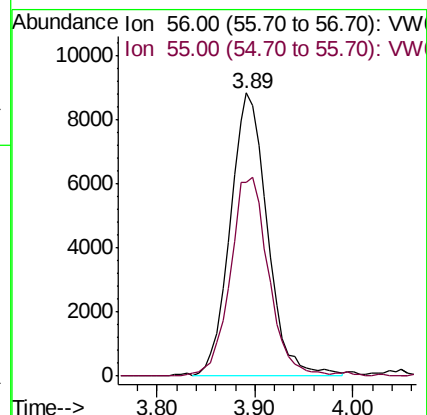
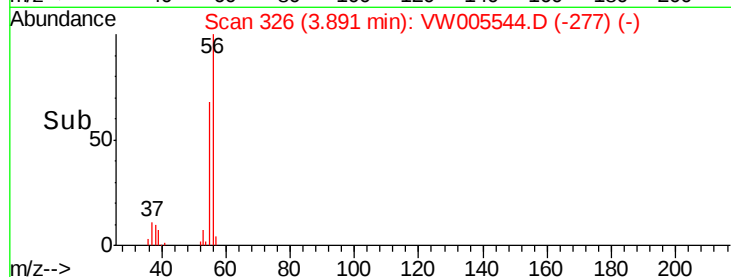
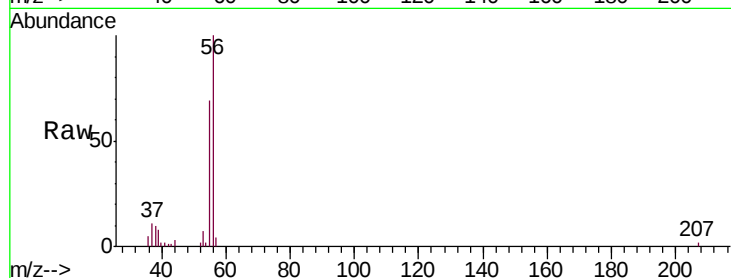
55 72.3 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 53.503 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

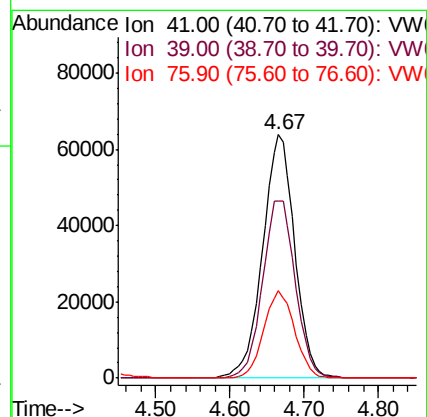
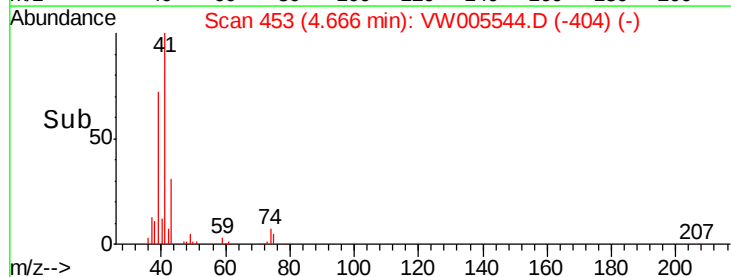
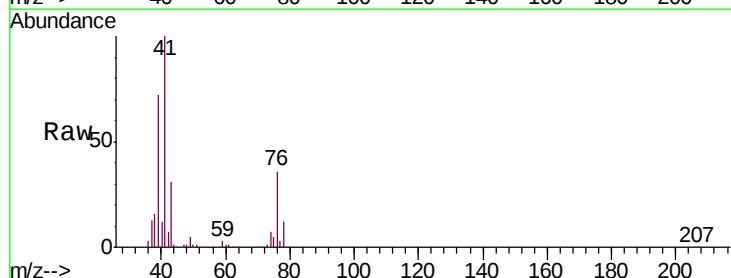
Tgt Ion: 41 Resp: 192053

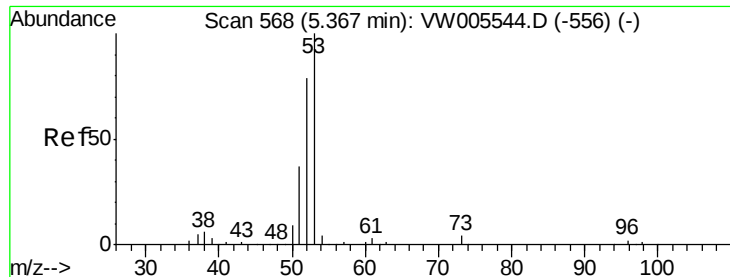
Ion Ratio Lower Upper

41 100

39 74.5 59.6 89.4

76 34.6 27.7 41.5





#15

Acrylonitrile

Concen: 259.924 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

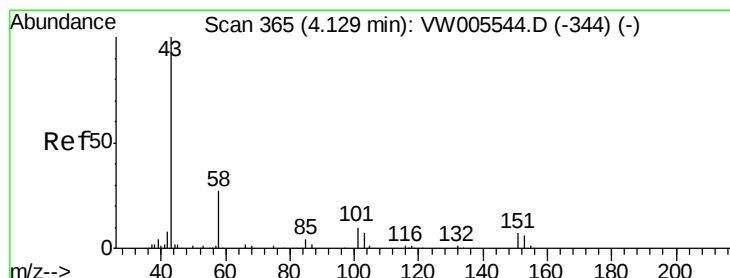
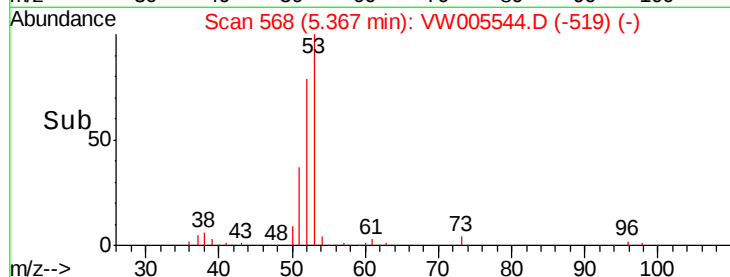
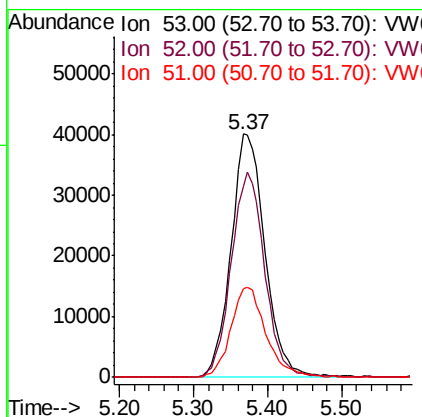
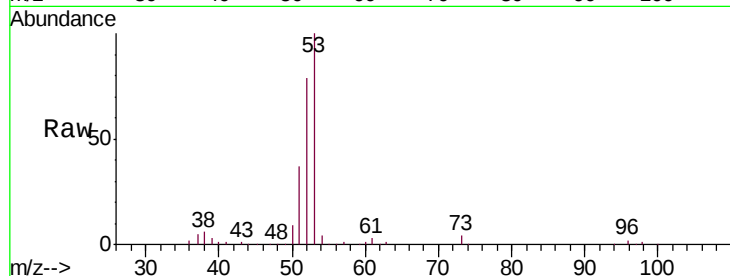
ClientSampleId :

VSTDICCC050

Tgt Ion:	53	Resp:	128125
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	38.3	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 261.514 ug/l

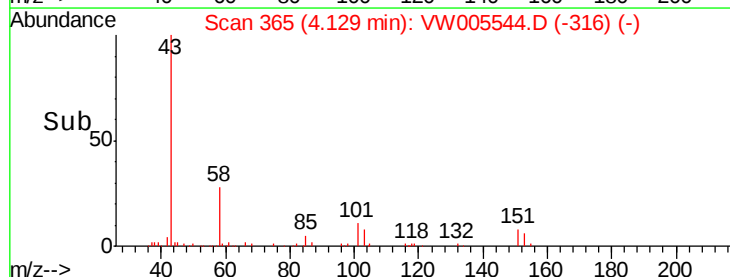
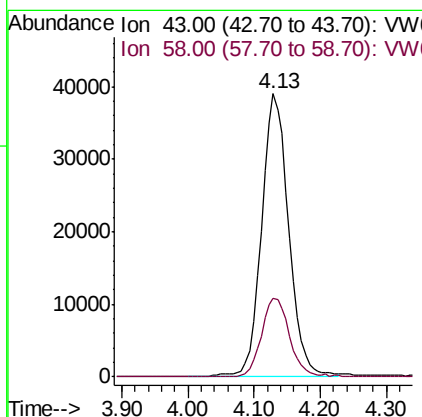
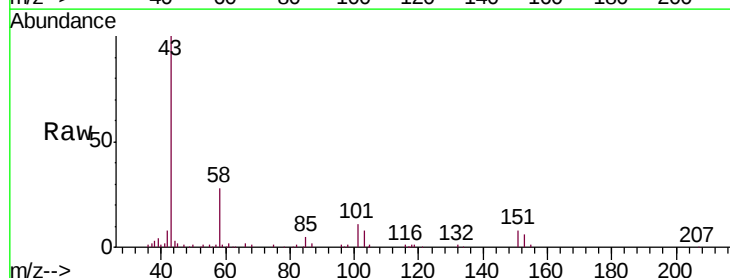
RT: 4.13 min Scan# 365

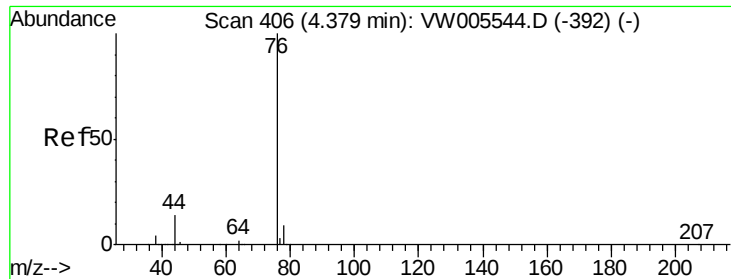
Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Tgt Ion:	43	Resp:	111107
Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.8	32.8





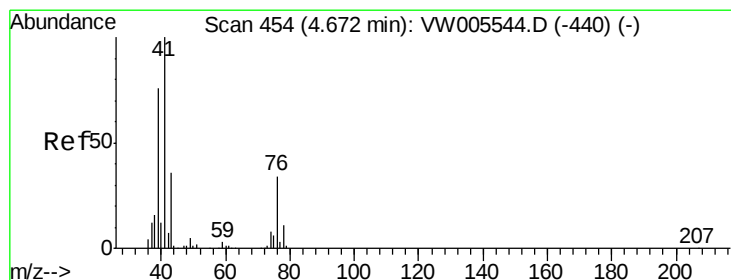
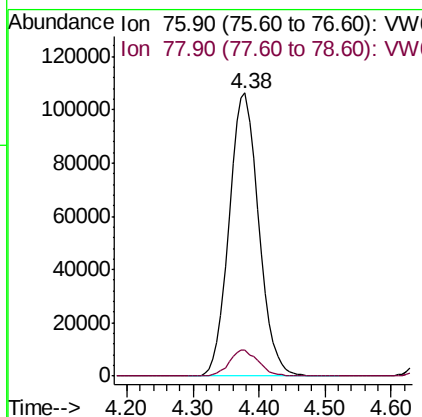
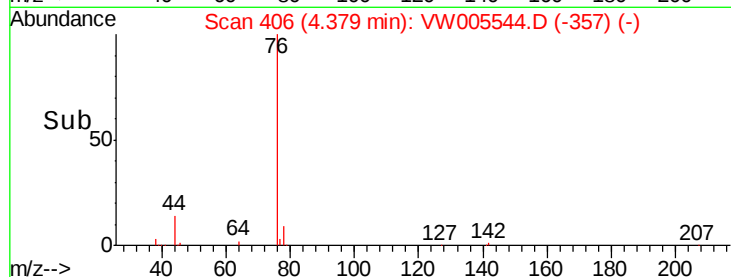
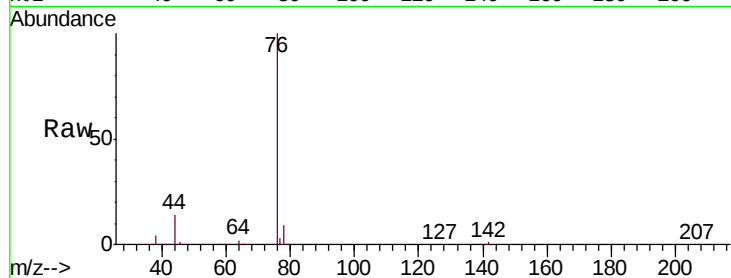
#17
Carbon Disulfide
Concen: 49.279 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

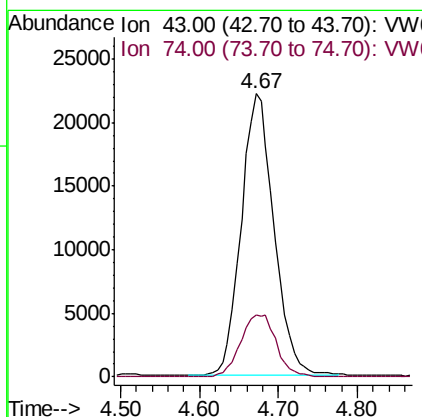
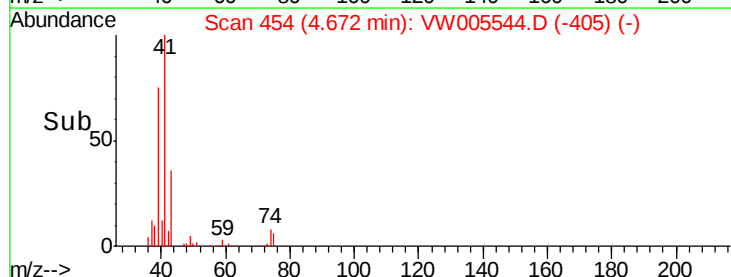
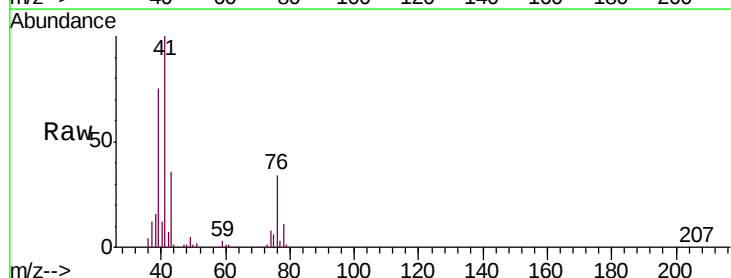
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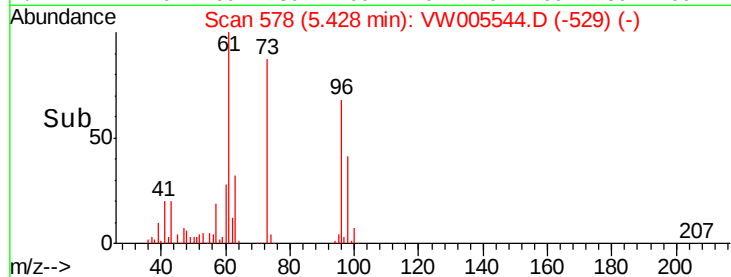
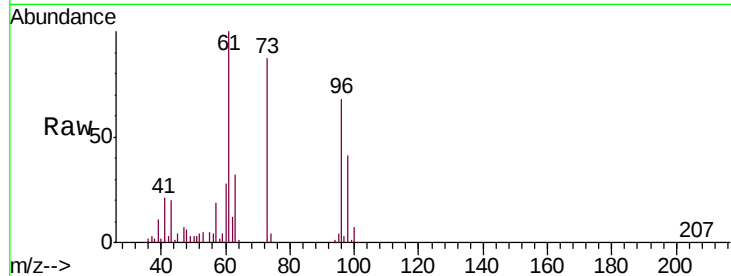
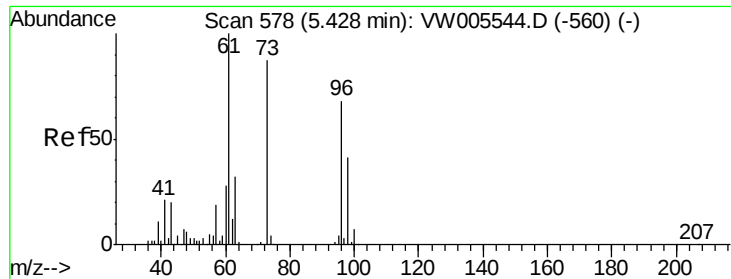
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#18
Methyl Acetate
Concen: 51.831 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.2	28.8





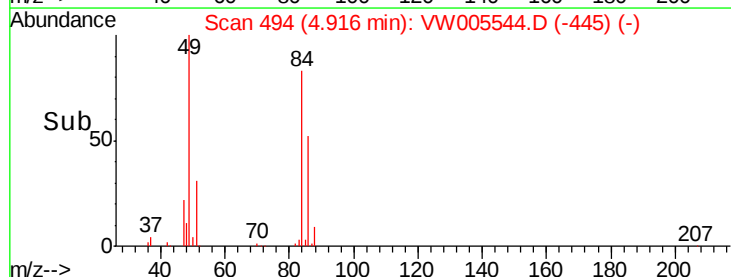
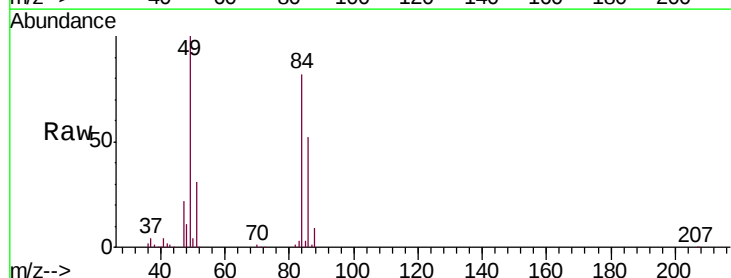
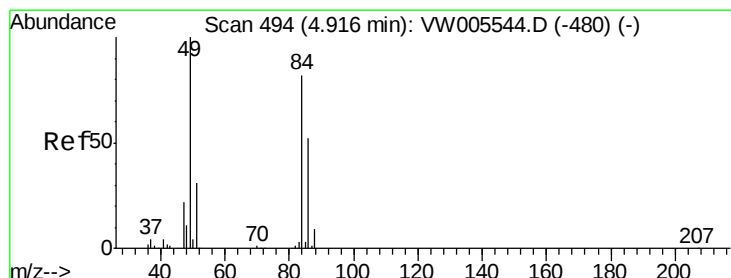
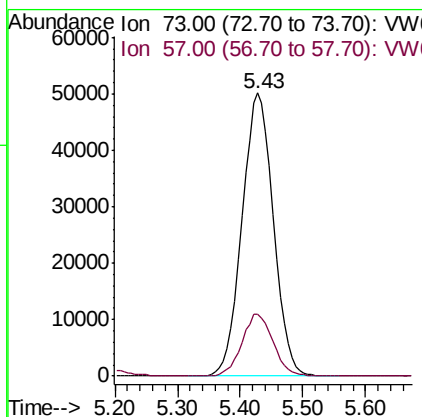
#19
Methyl tert-butyl Ether
Concen: 35.671 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion: 73 Resp: 173239
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

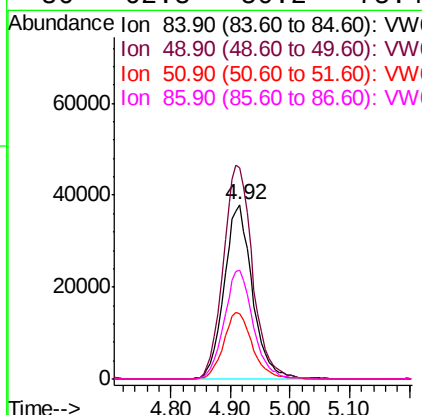
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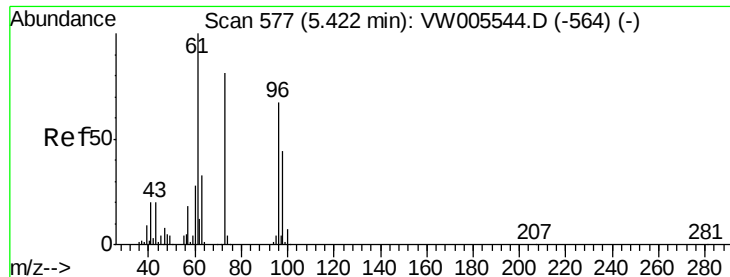
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#20
Methylene Chloride
Concen: 41.019 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion: 84 Resp: 124484
Ion Ratio Lower Upper
84 100
49 121.3 97.0 145.6
51 37.7 30.2 45.2
86 62.8 50.2 75.4





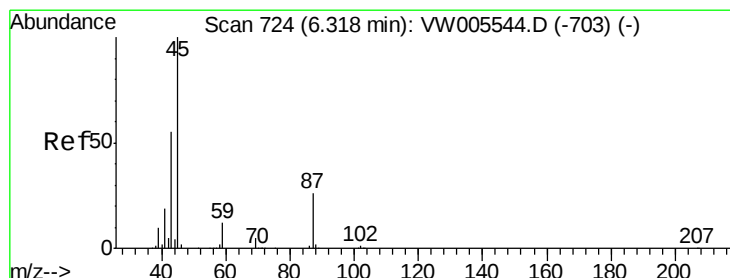
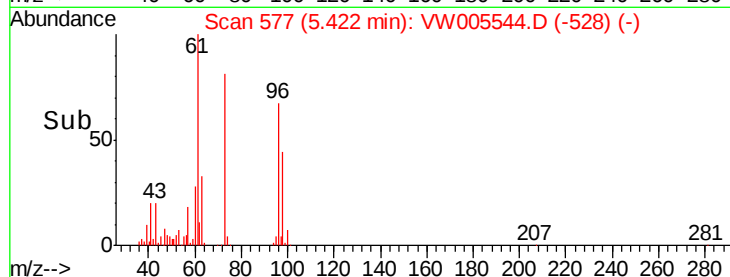
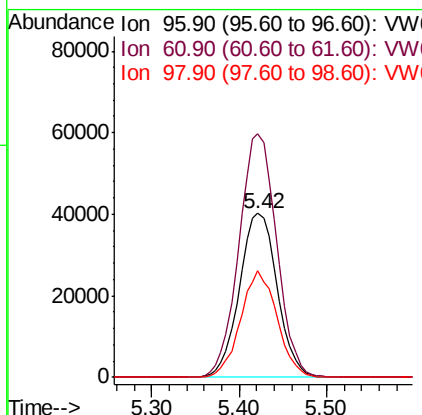
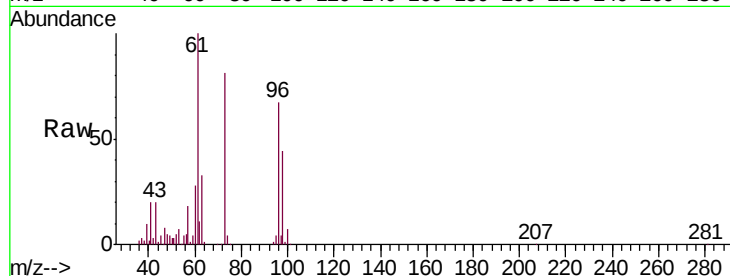
#21
trans-1,2-Dichloroethene
Concen: 52.375 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.6	118.9	178.3
98	65.1	52.1	78.1

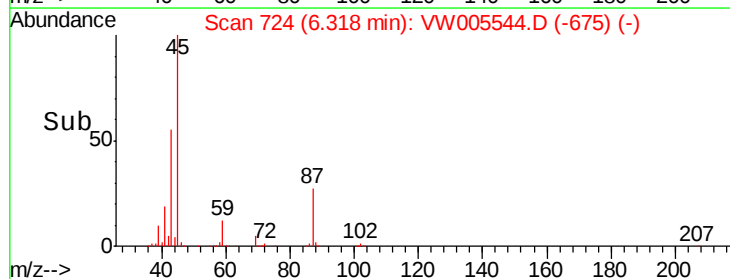
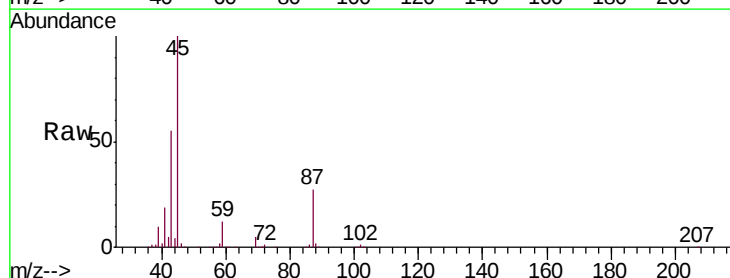
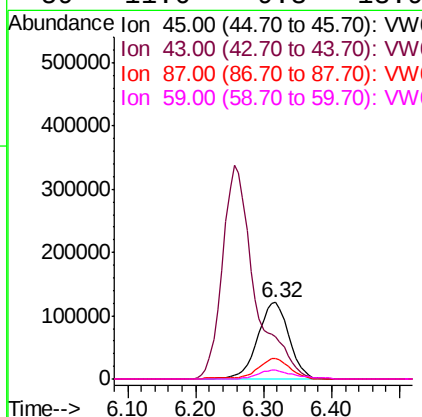
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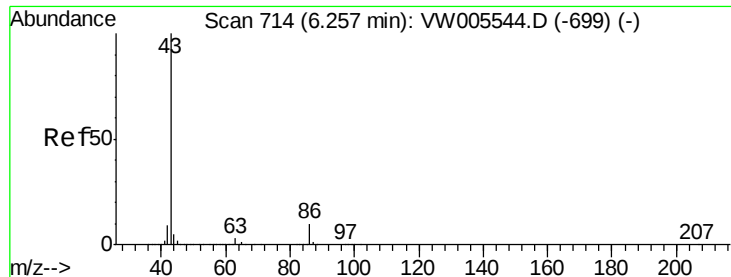
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#22
Diisopropyl ether
Concen: 55.416 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.3	44.2	66.4
87	26.8	21.4	32.2
59	11.6	9.3	13.9





#23

Vinyl Acetate

Concen: 277.055 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 1110846

Ion Ratio Lower Upper

43 100

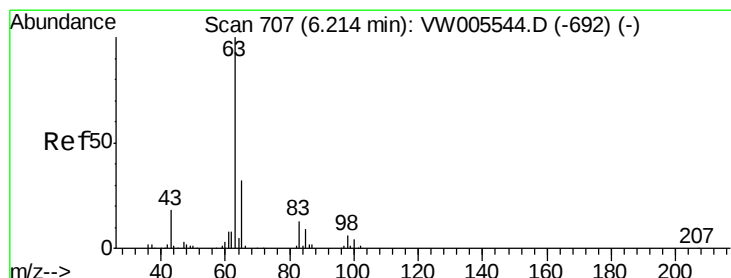
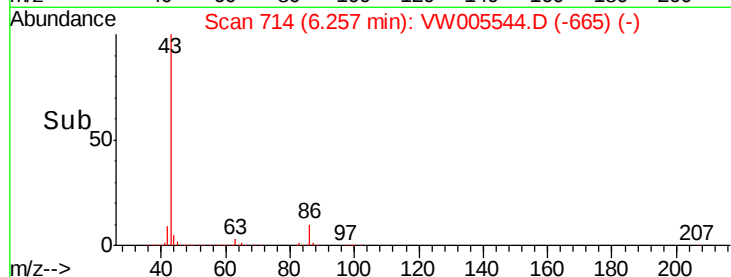
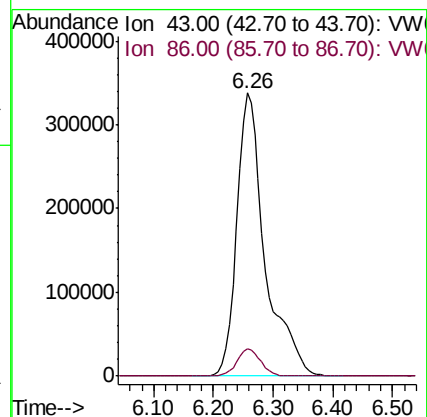
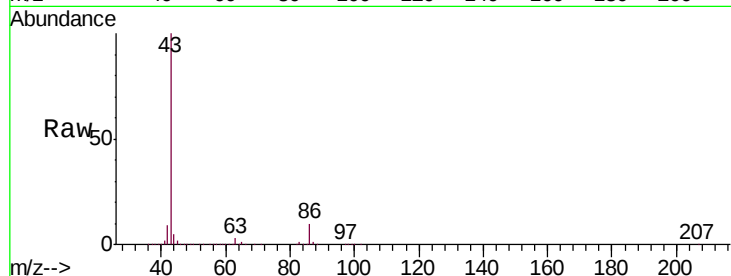
86 9.6 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 53.726 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

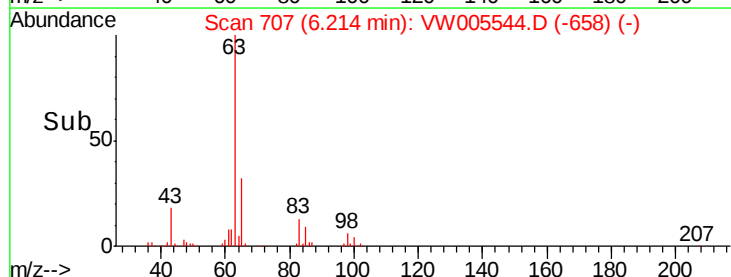
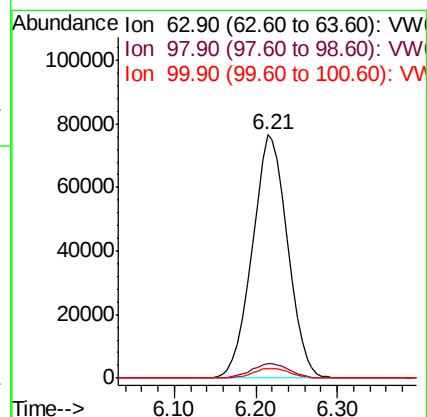
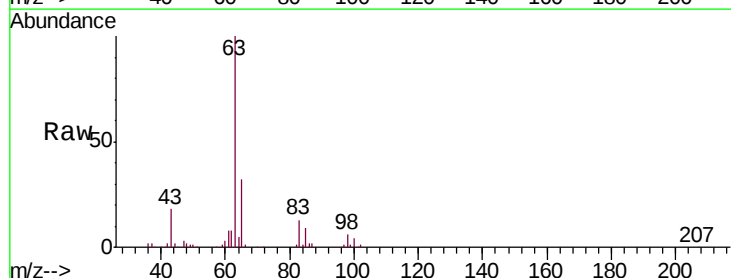
Tgt Ion: 63 Resp: 230553

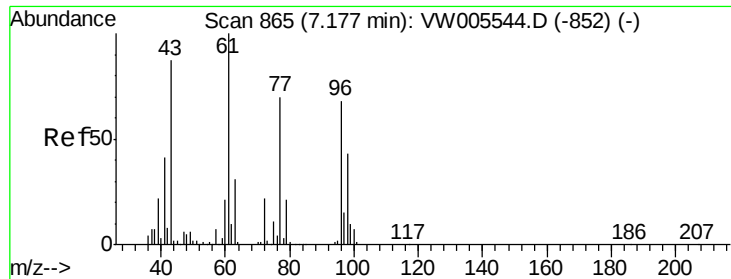
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 263.324 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 43 Resp: 163086

Ion Ratio Lower Upper

43 100

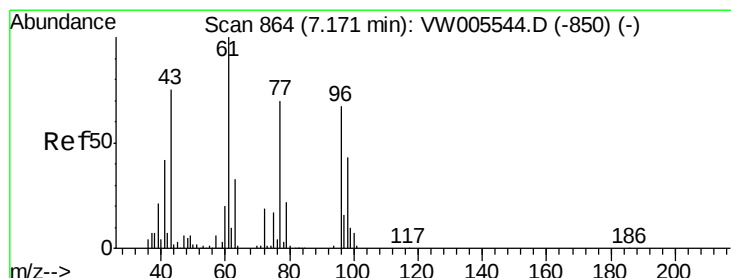
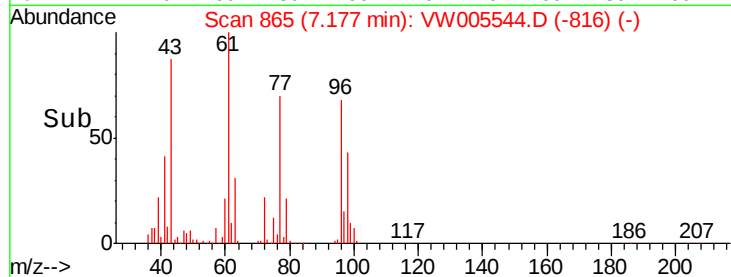
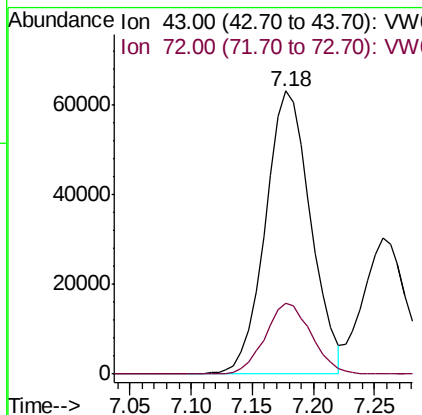
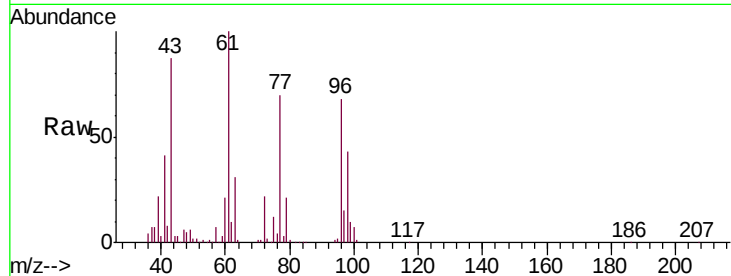
72 24.9 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.949 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005544.D

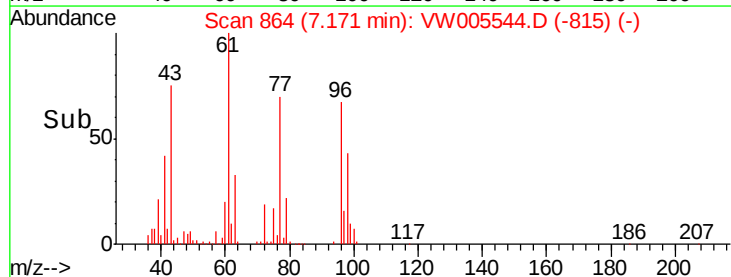
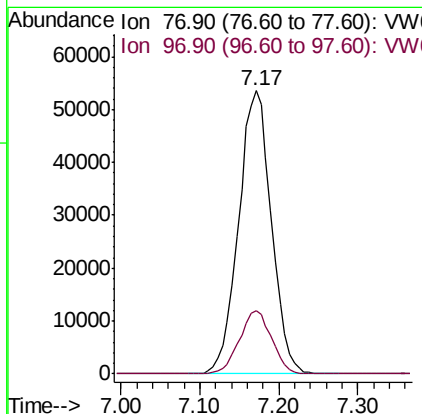
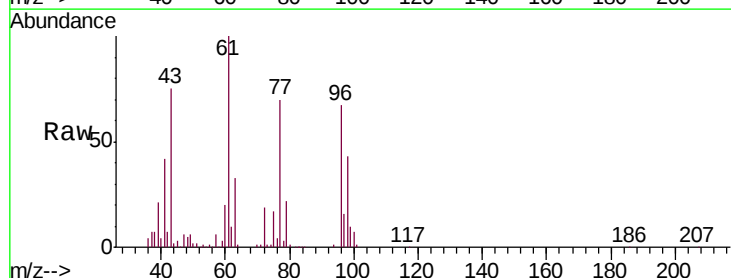
Acq: 20 Sep 2018 21:54

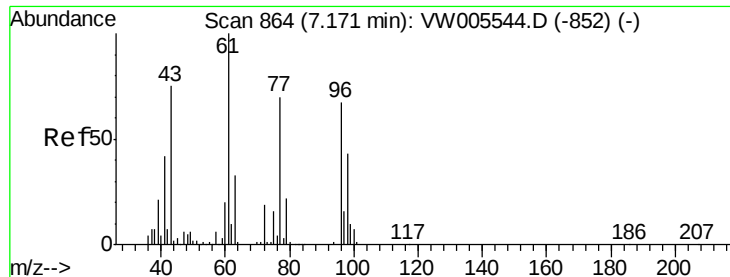
Tgt Ion: 77 Resp: 154210

Ion Ratio Lower Upper

77 100

97 22.0 11.0 33.0





#27

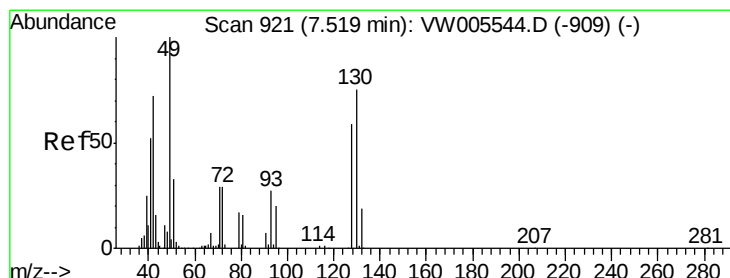
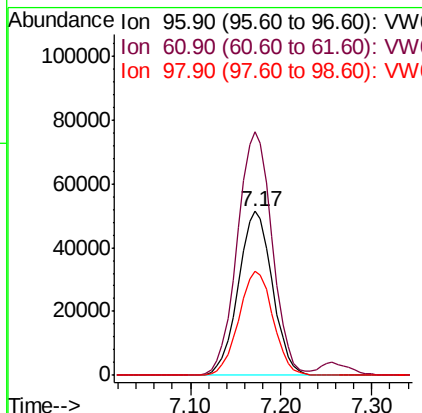
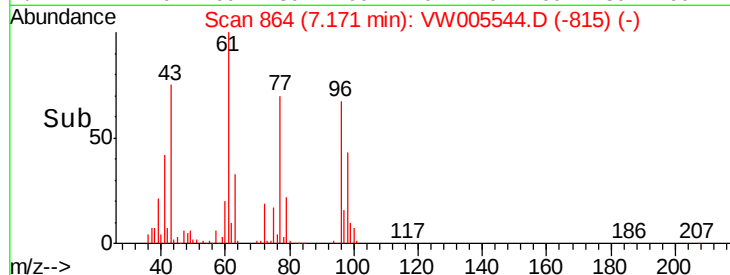
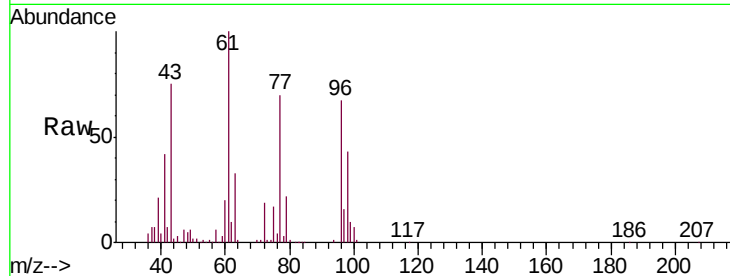
cis-1,2-Dichloroethene
 Concen: 53.465 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	134224		
61	151.7	0.0	303.4	
98	63.6	0.0	127.2	

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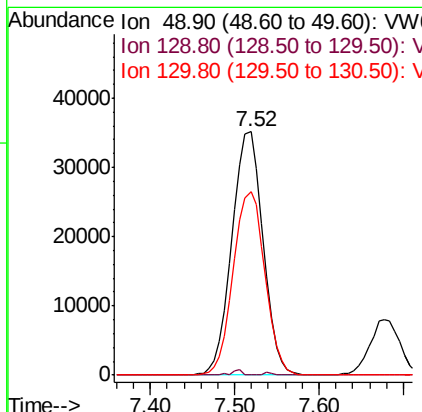
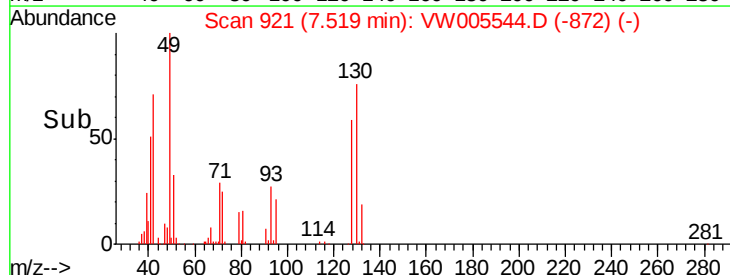
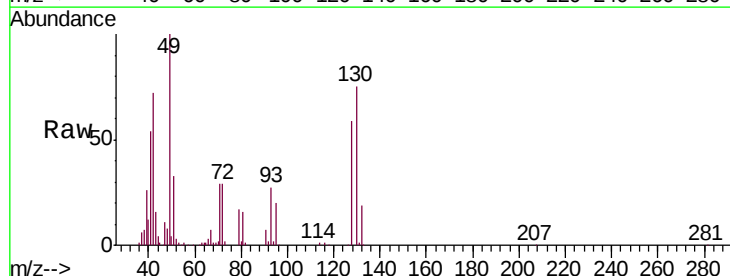
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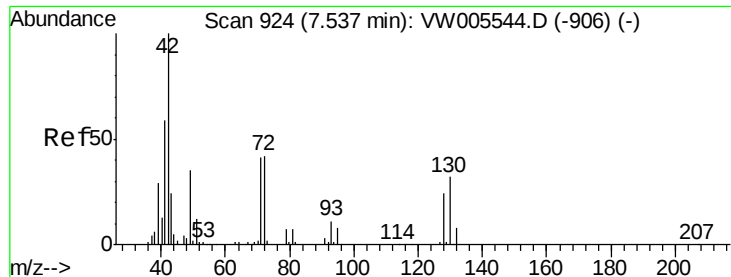


#28

Bromochloromethane
 Concen: 52.588 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87847		
129	0.7	0.0	1.4	
130	76.6	61.3	91.9	





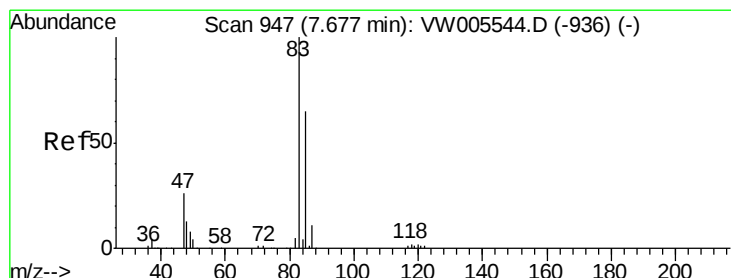
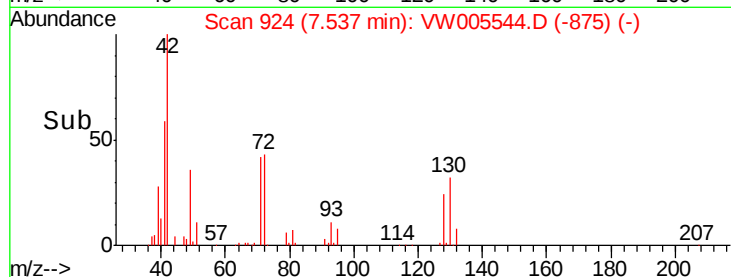
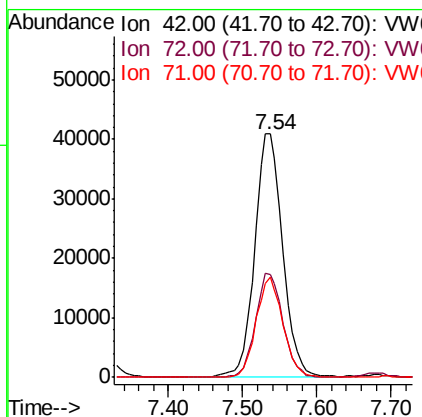
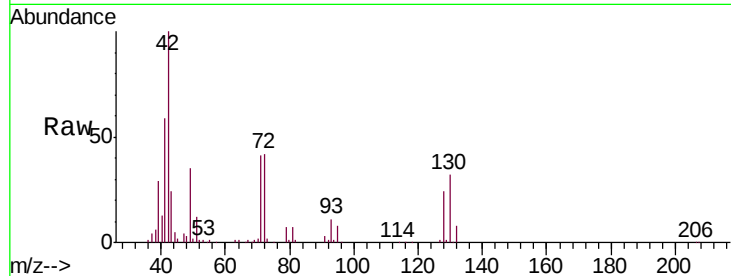
#29
Tetrahydrofuran
Concen: 270.333 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.6	50.4
71	39.7	31.8	47.6

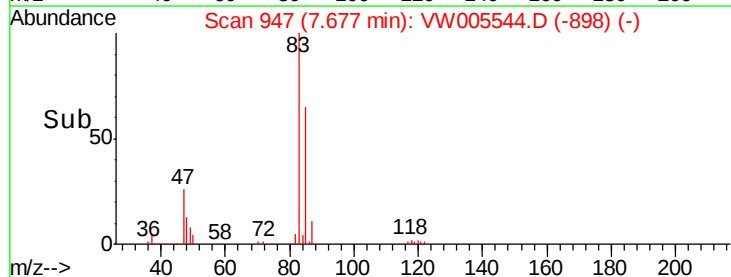
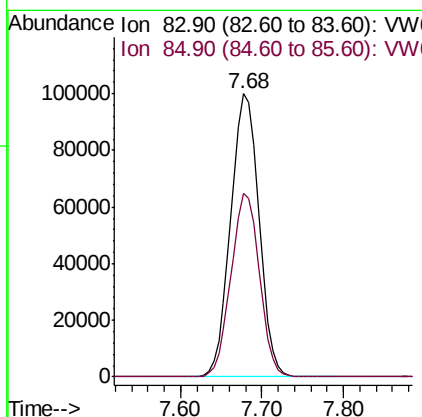
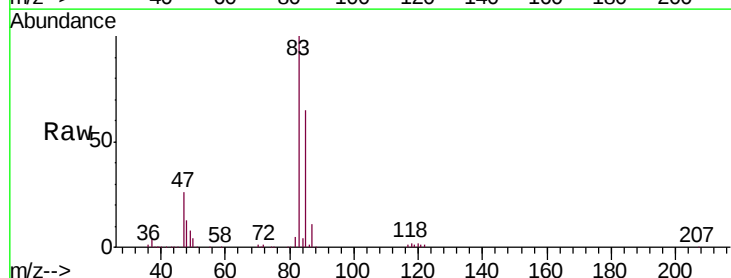
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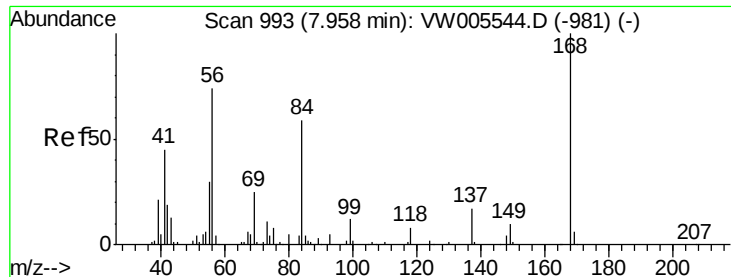
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#30
Chloroform
Concen: 53.910 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6





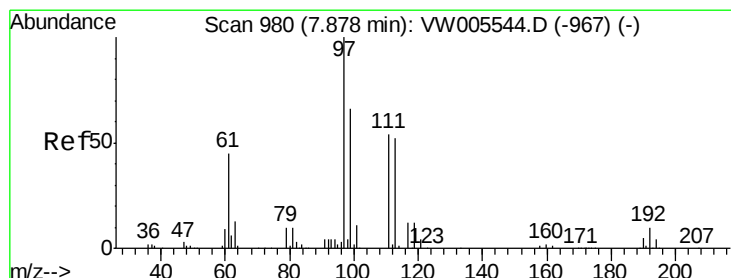
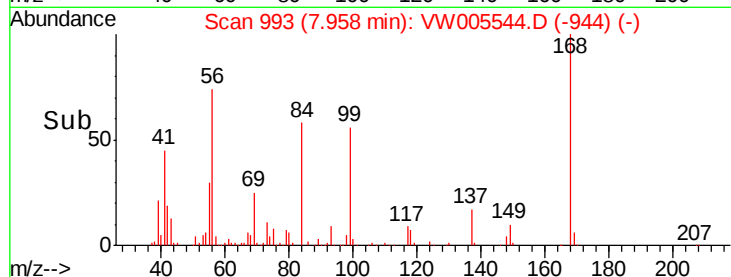
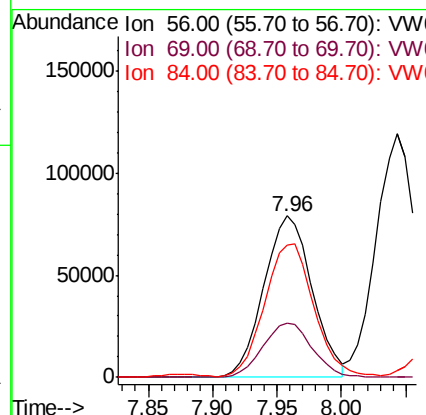
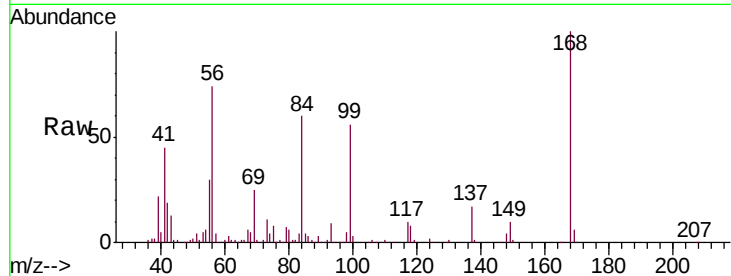
#31
Cyclohexane
Concen: 50.278 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.0	40.4
84	80.3	64.2	96.4

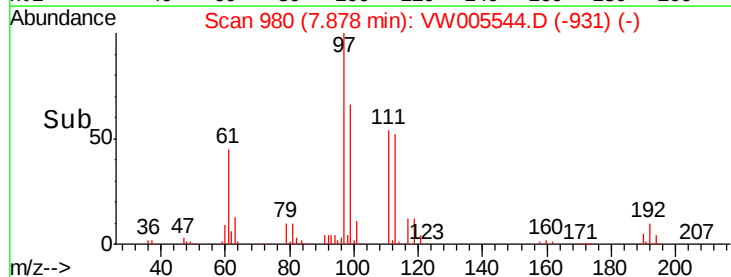
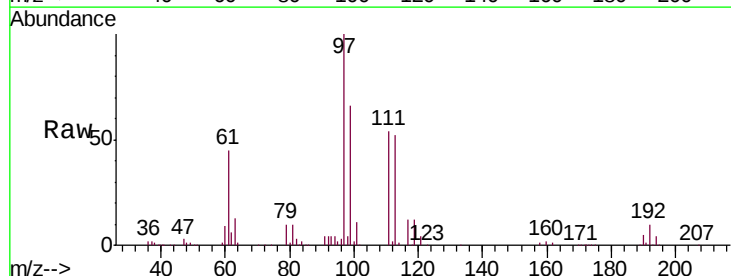
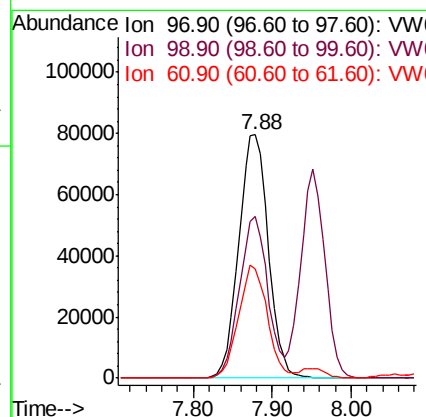
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#32
1,1,1-Trichloroethane
Concen: 51.094 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	45.2	36.2	54.2





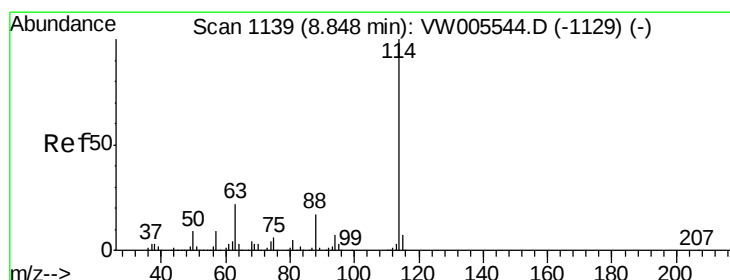
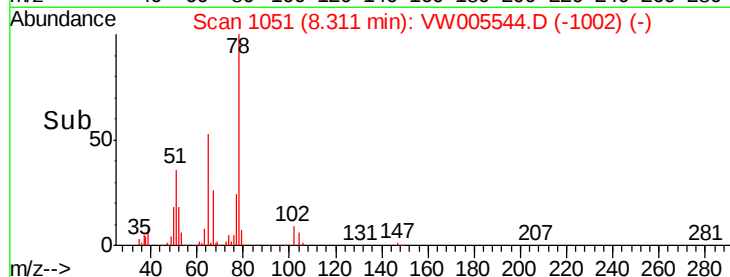
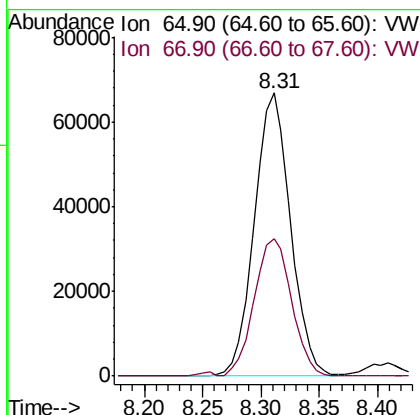
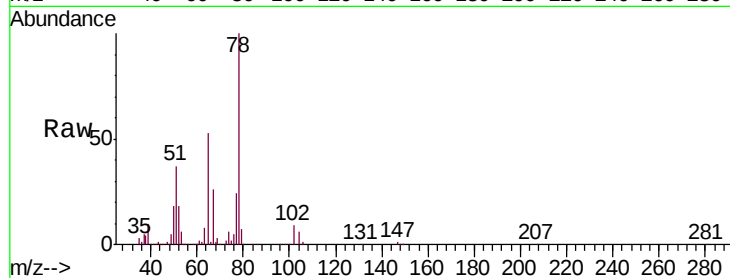
#33
 1,2-Dichloroethane-d4
 Concen: 55.323 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	144583		
67	50.3	0.0	100.6	

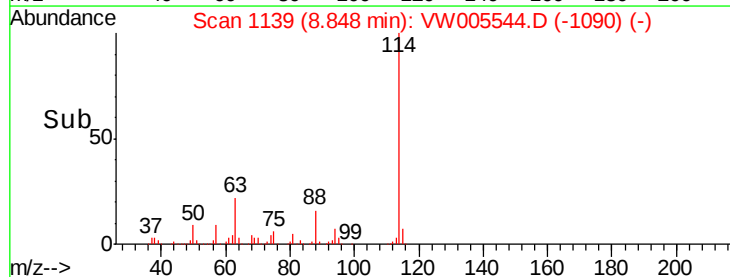
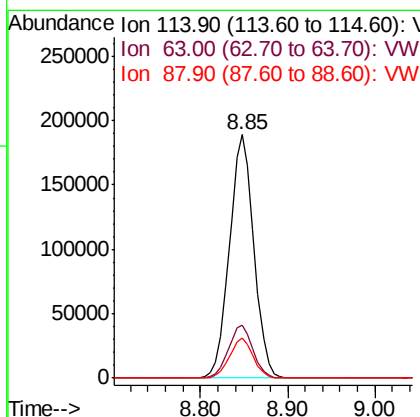
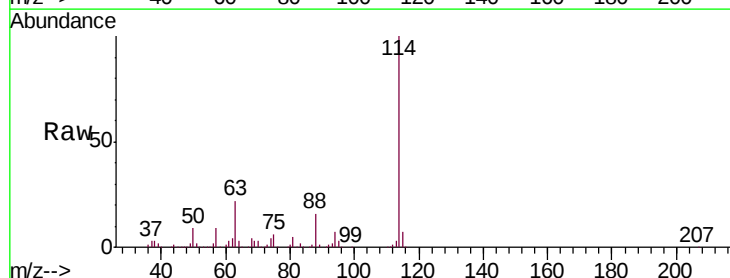
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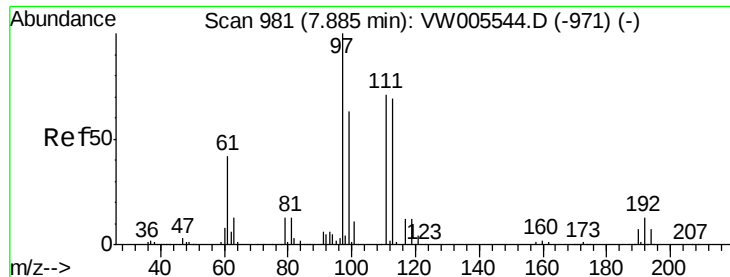
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	365889		
63	21.5	0.0	43.0	
88	16.5	0.0	33.0	





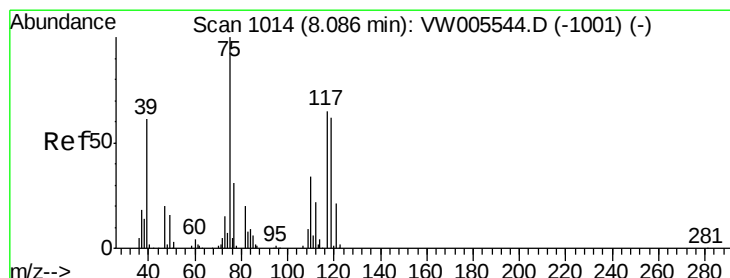
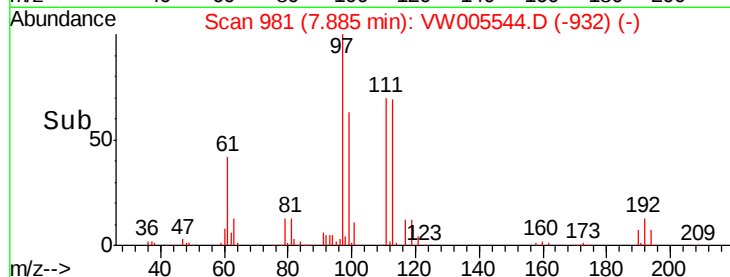
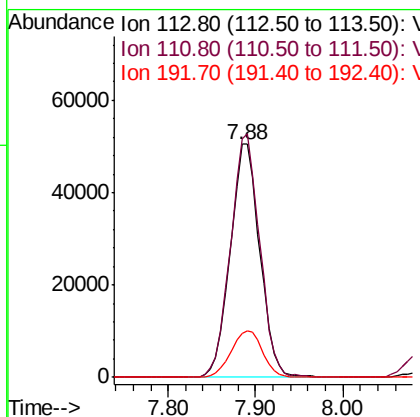
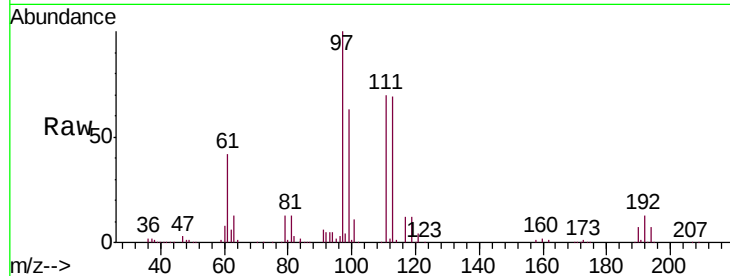
#35
 Dibromofluoromethane
 Concen: 55.907 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	118373		
111	103.2	82.6	123.8	
192	21.2	17.0	25.4	

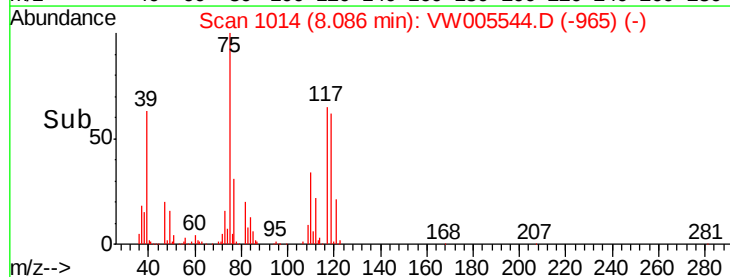
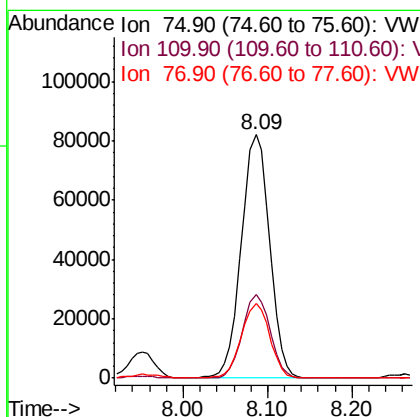
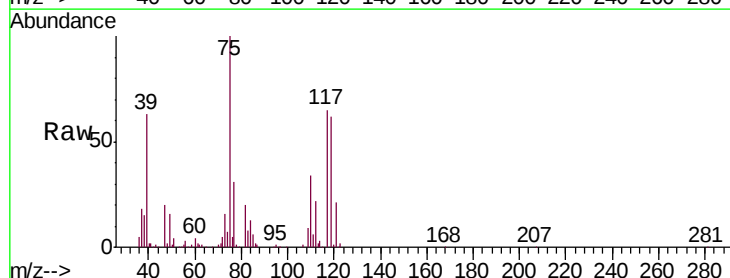
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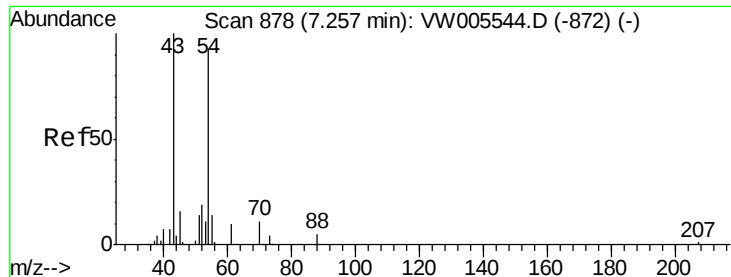
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#36
 1,1-Dichloropropene
 Concen: 52.678 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	185419		
110	33.9	17.0	50.9	
77	31.0	24.8	37.2	





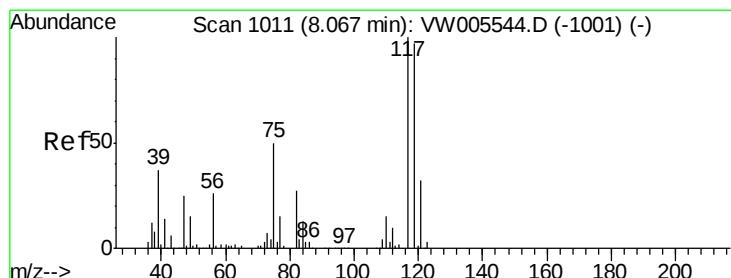
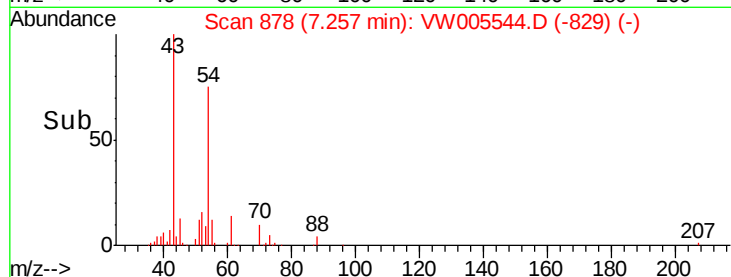
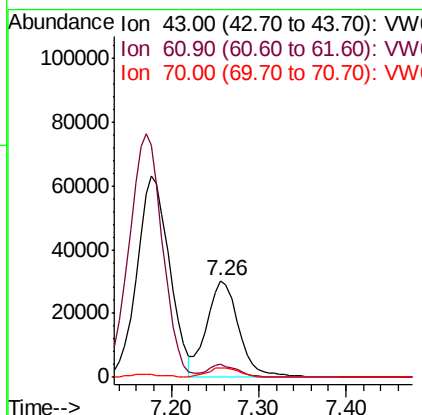
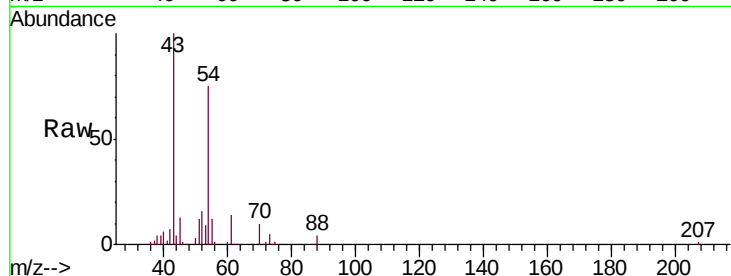
#37
 Ethyl Acetate
 Concen: 53.522 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	10.2	8.2	12.2

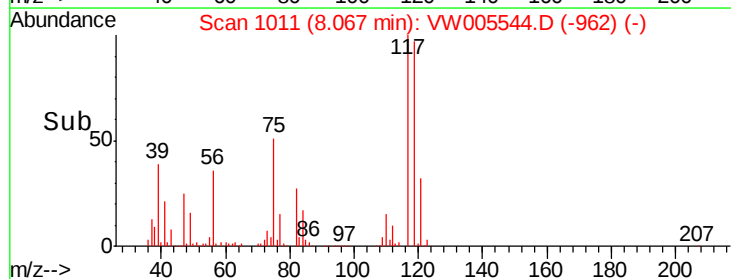
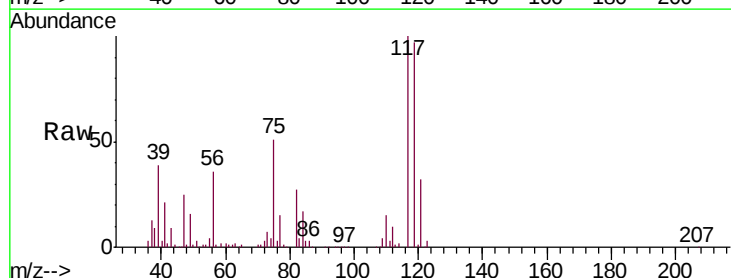
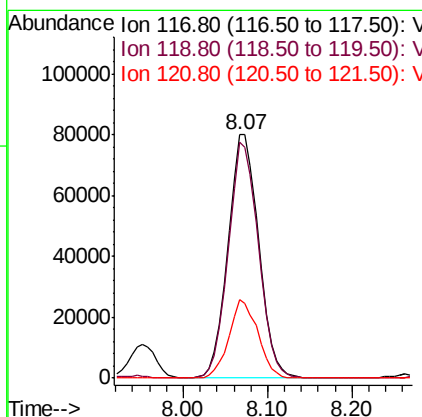
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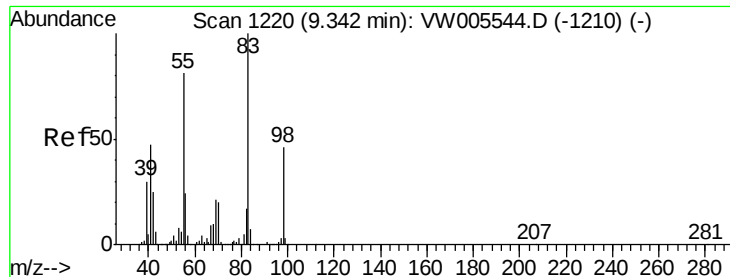
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#38
 Carbon Tetrachloride
 Concen: 53.381 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.6	116.4
121	32.1	25.7	38.5





#39

Methylcyclohexane

Concen: 53.274 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

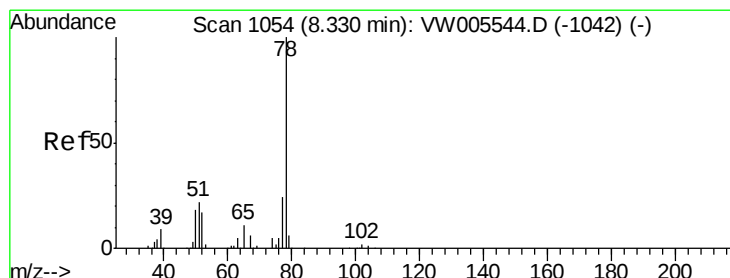
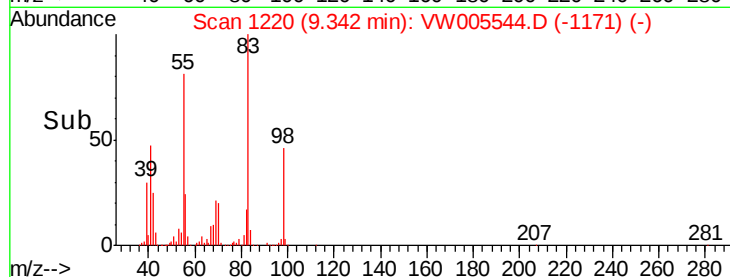
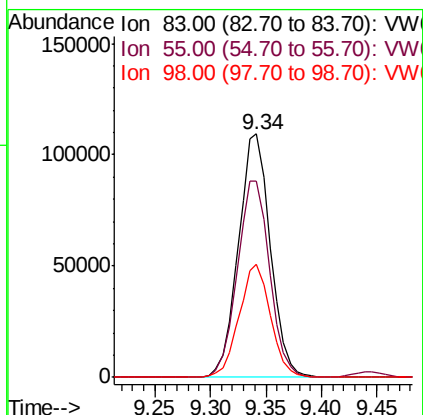
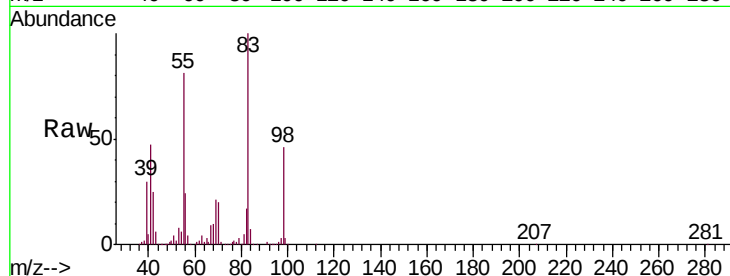
ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	217416
Ion	Ratio	Lower	Upper
83	100		
55	80.8	64.6	97.0
98	46.3	37.0	55.6

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#40

Benzene

Concen: 51.612 ug/l

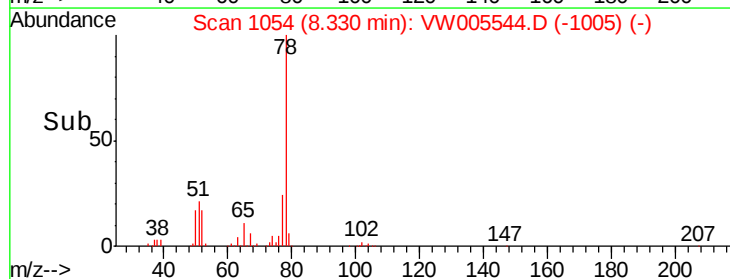
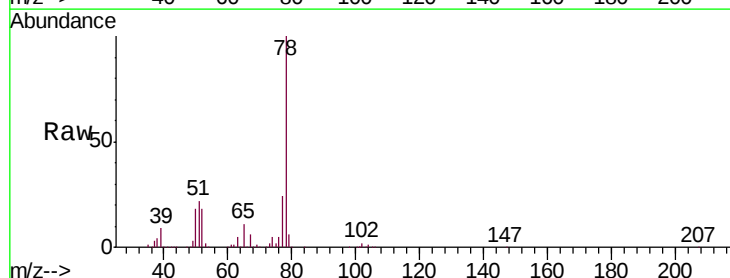
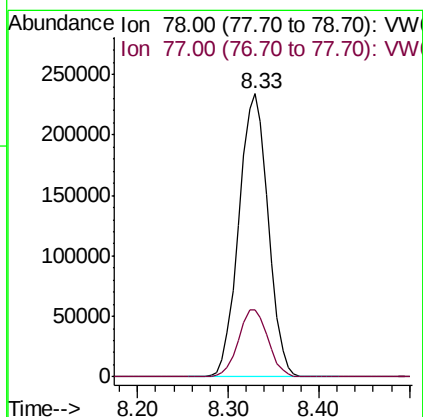
RT: 8.33 min Scan# 1054

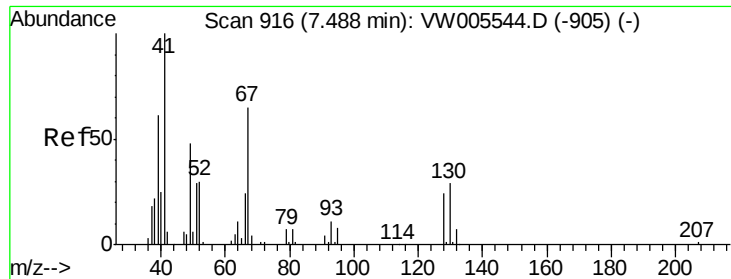
Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Tgt Ion:	78	Resp:	523324
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





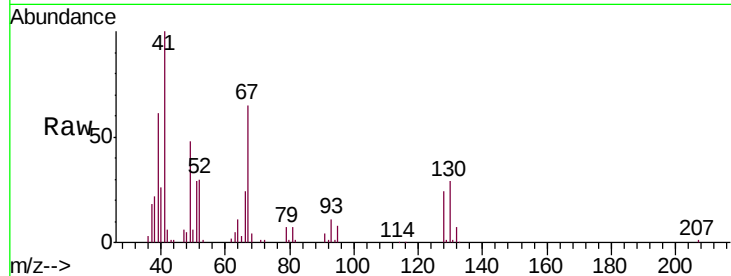
#41
Methacrylonitrile
Concen: 52.519 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

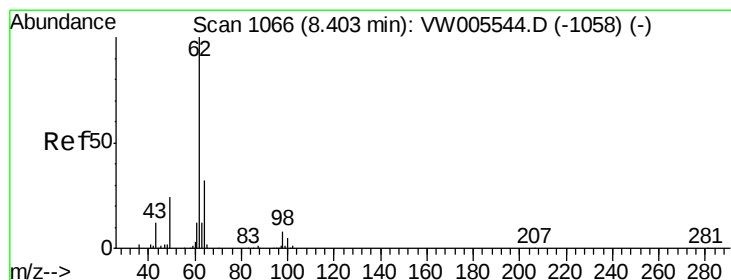
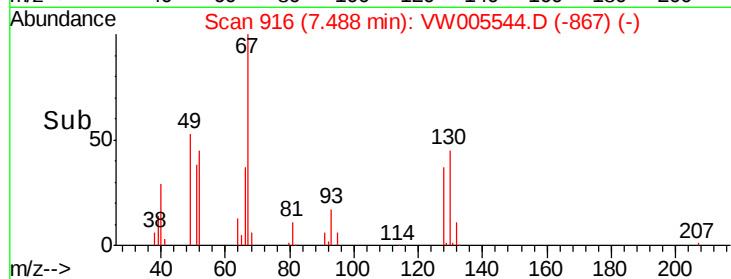
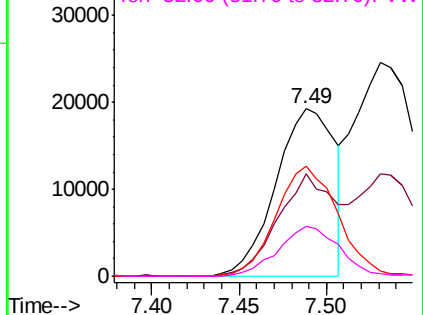
Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.4	68.2
67	69.0	55.2	82.8
52	31.6	25.3	37.9

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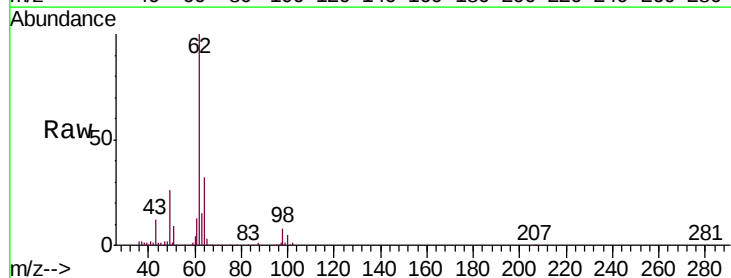


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

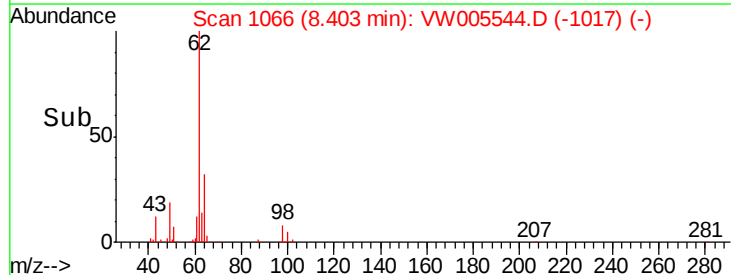
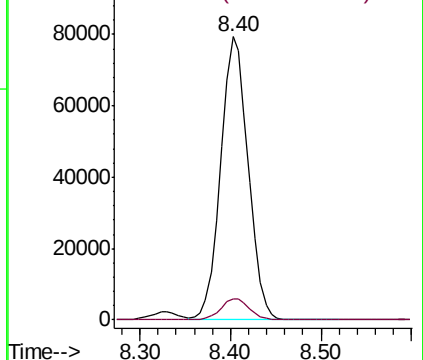


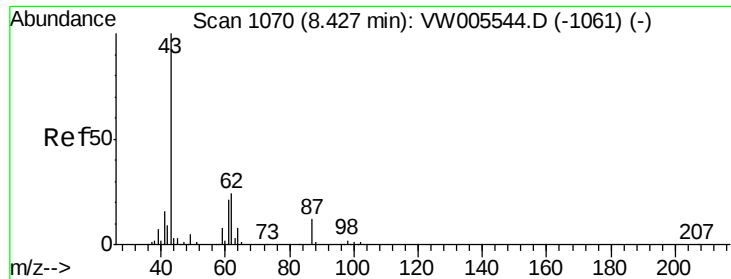
#42
1,2-Dichloroethane
Concen: 52.268 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





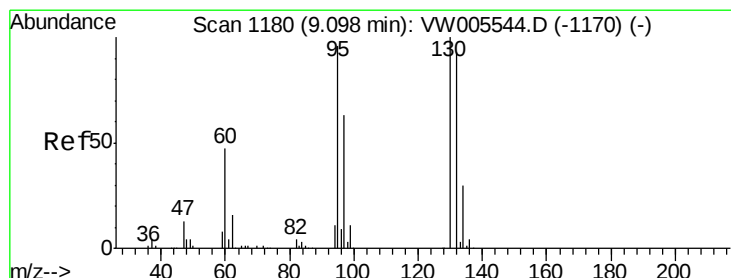
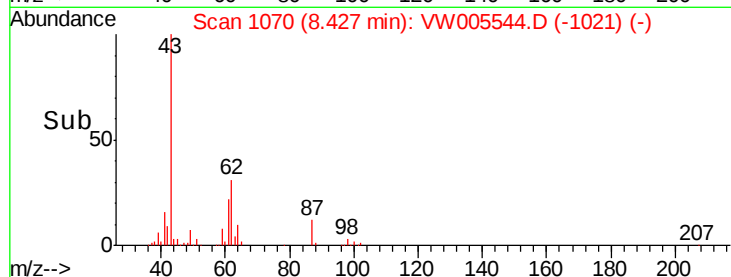
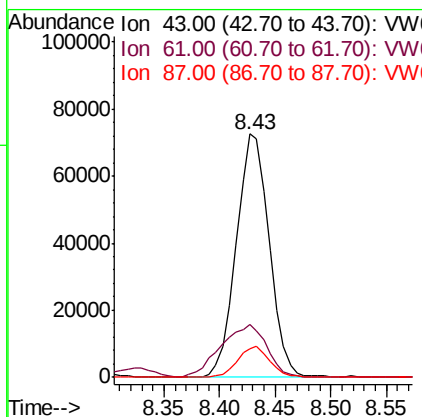
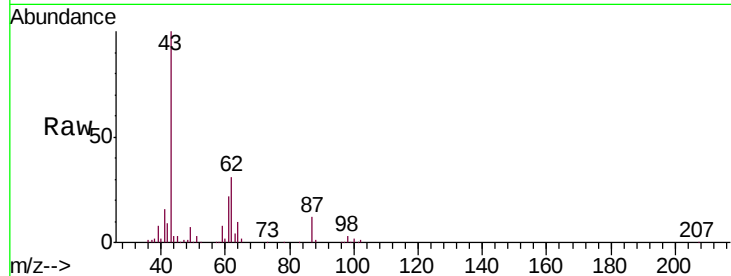
#43
Isopropyl Acetate
Concen: 53.274 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.1	24.1	36.1
87	12.3	9.8	14.8

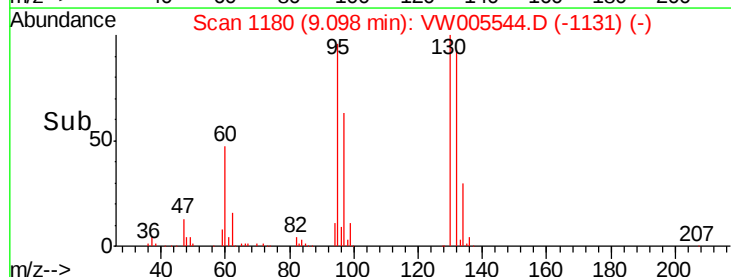
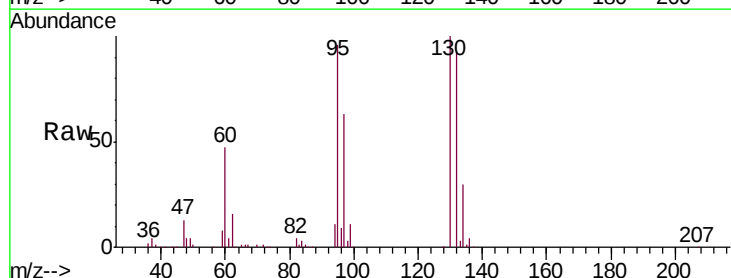
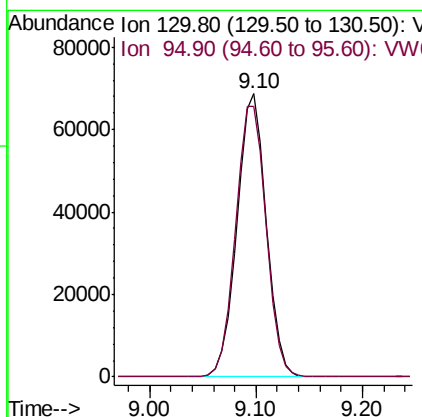
Manual Integrations
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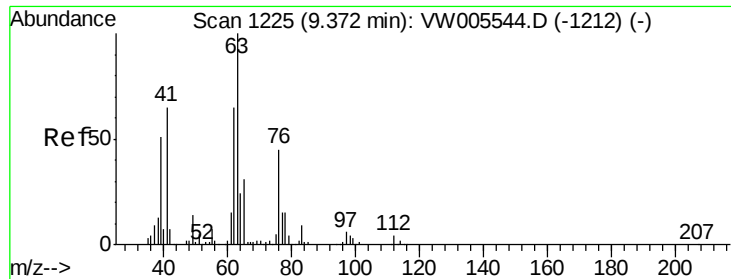
apatel
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#44
Trichloroethene
Concen: 50.834 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	191.2





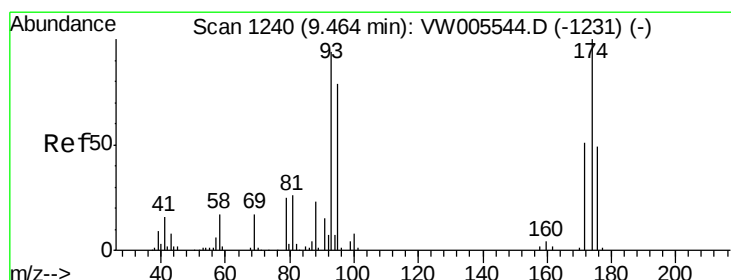
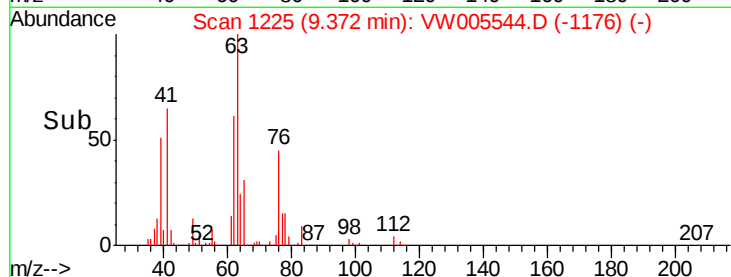
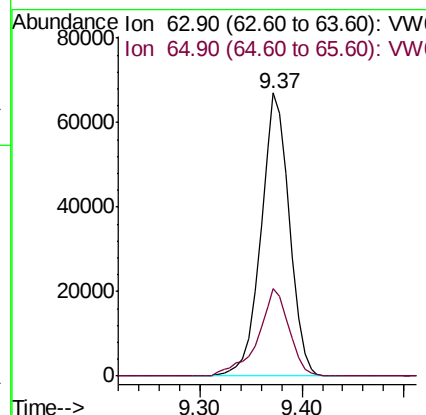
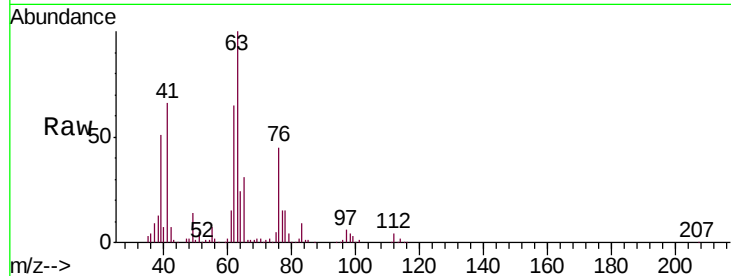
#45
 1,2-Dichloropropane
 Concen: 53.102 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 129632
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1

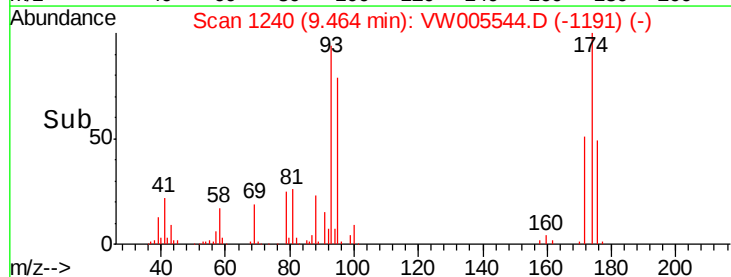
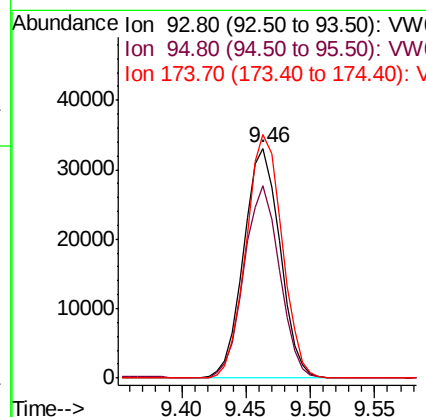
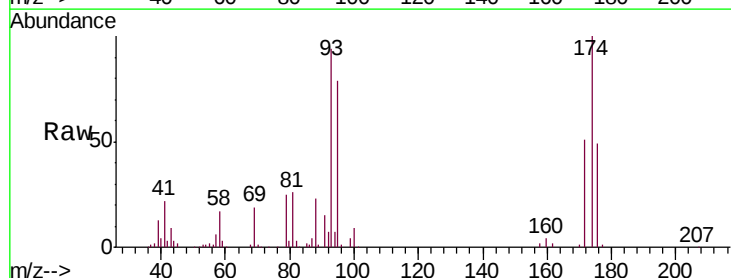
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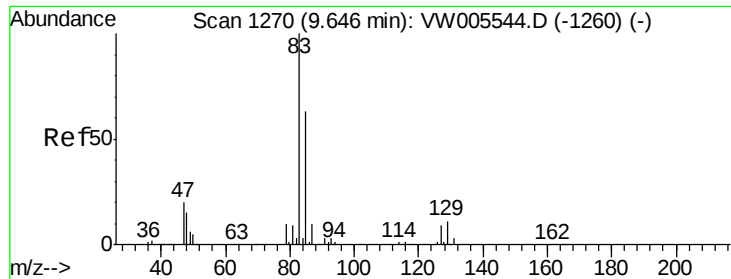
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#46
 Dibromomethane
 Concen: 53.476 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion: 93 Resp: 64513
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 105.0 84.0 126.0





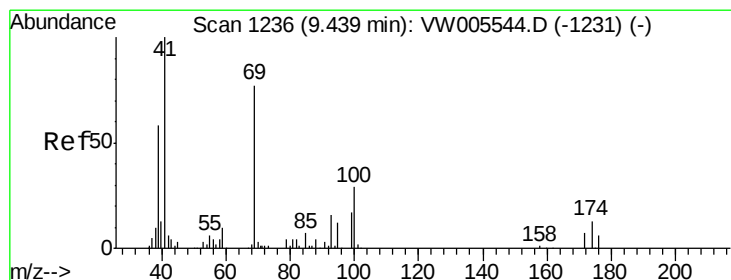
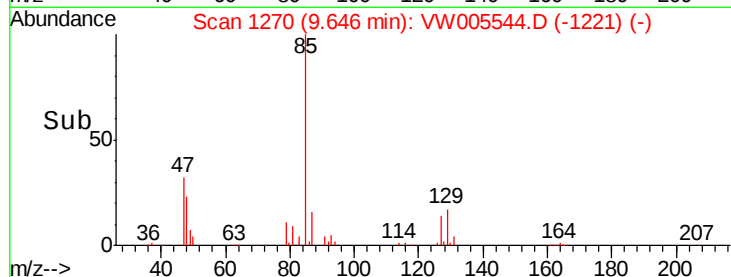
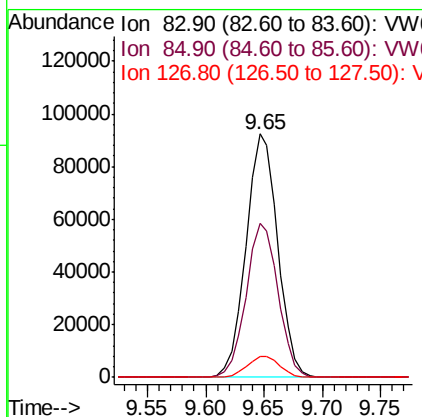
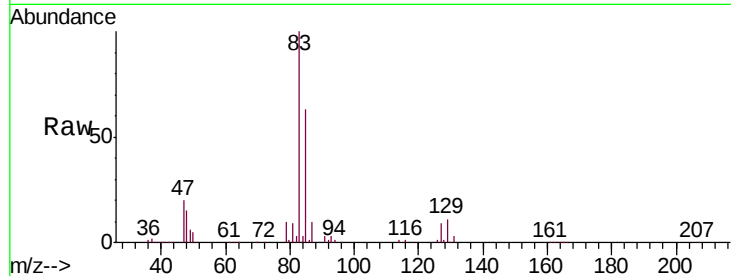
#47
 Bromodichloromethane
 Concen: 53.717 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	175059		
85	63.1	50.5	75.7	
127	8.8	7.0	10.6	

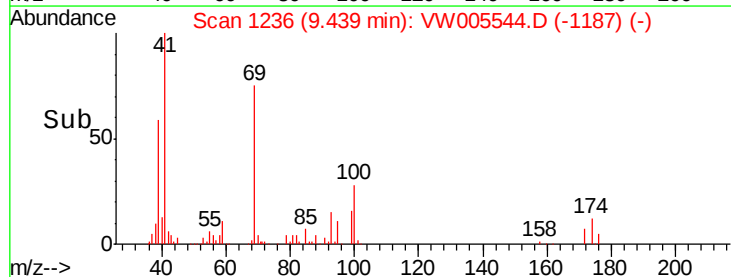
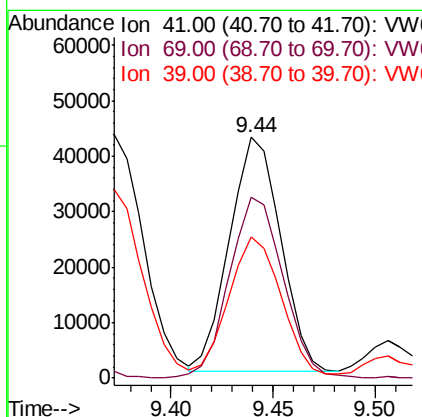
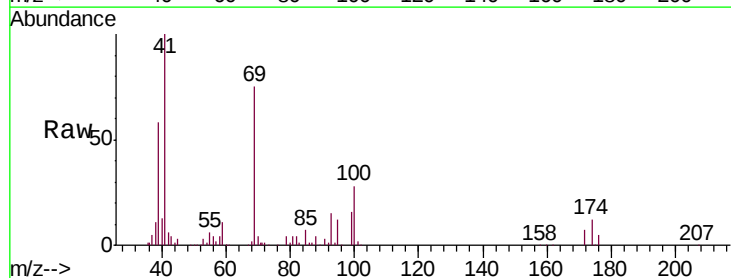
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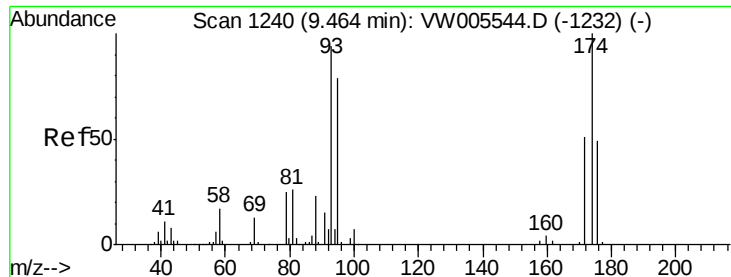
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#48
 Methyl methacrylate
 Concen: 53.292 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	73769		
69	80.9	64.7	97.1	
39	63.1	50.5	75.7	





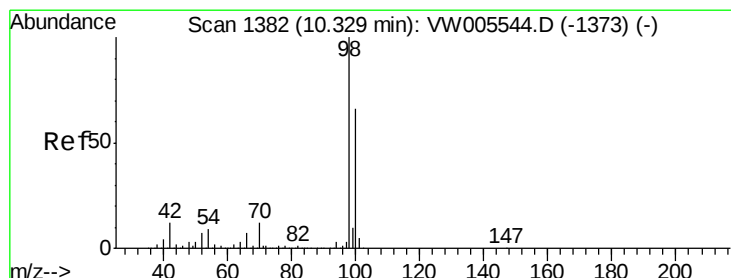
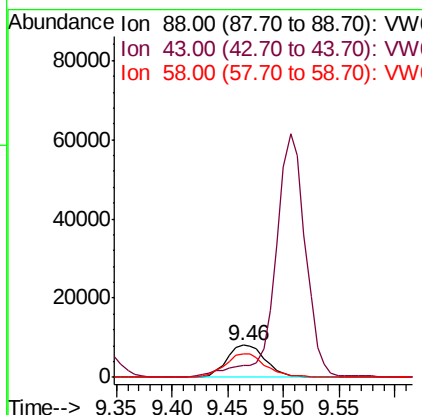
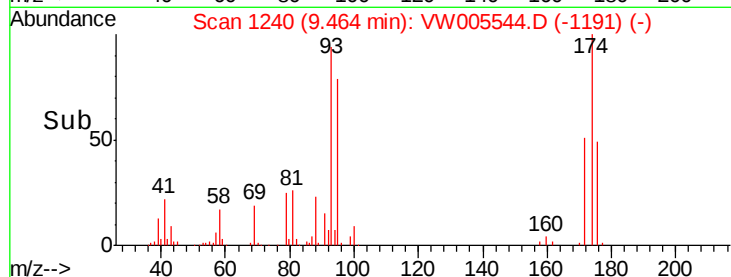
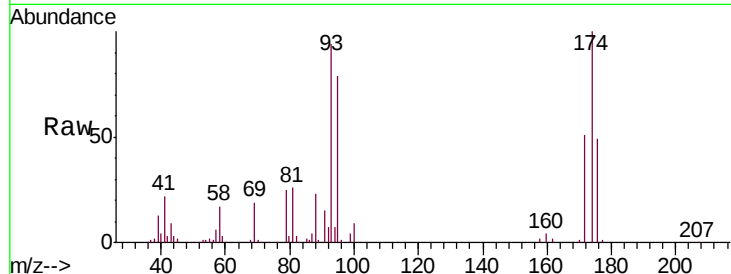
#49
1,4-Dioxane
Concen: 1006.235 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.5	61.2	91.8

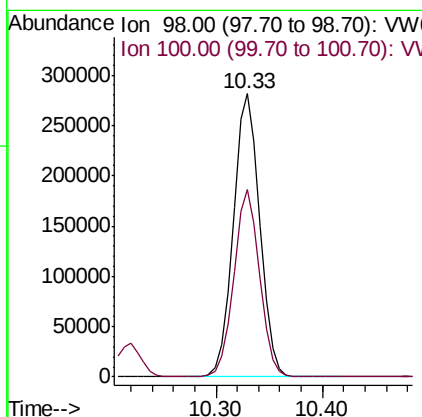
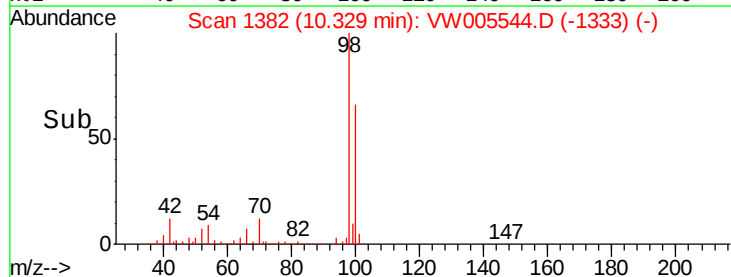
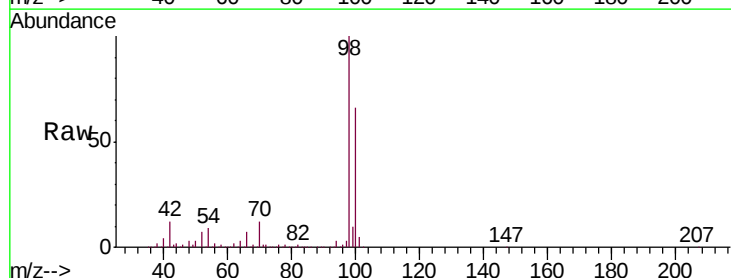
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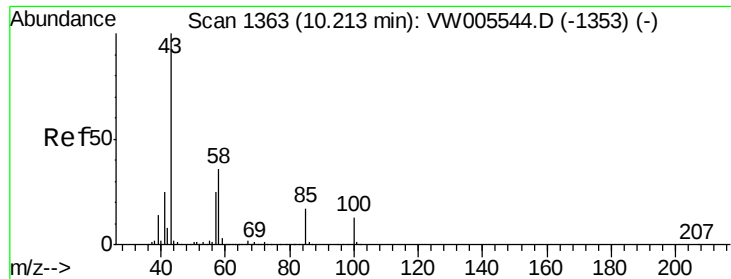
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#50
Toluene-d8
Concen: 51.588 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





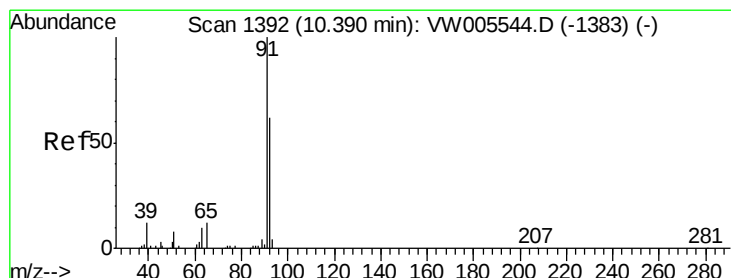
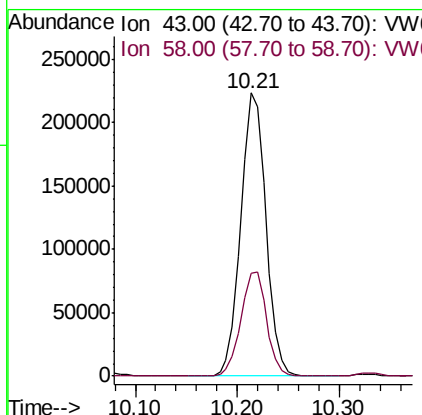
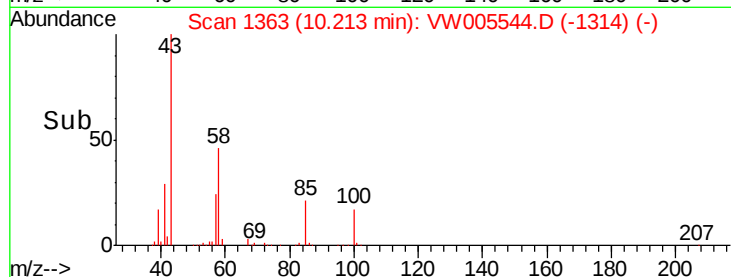
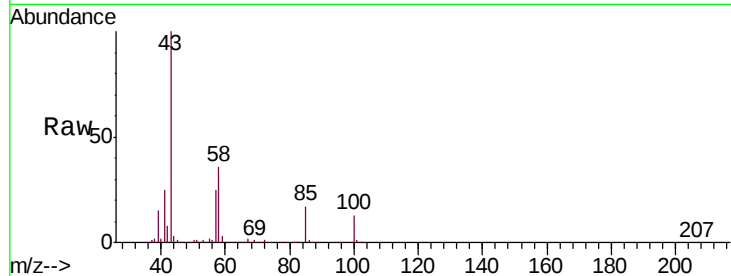
#51
 4-Methyl-2-Pentanone
 Concen: 267.329 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 382641
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.0 45.0

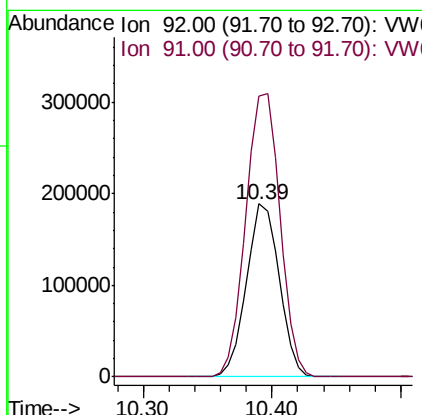
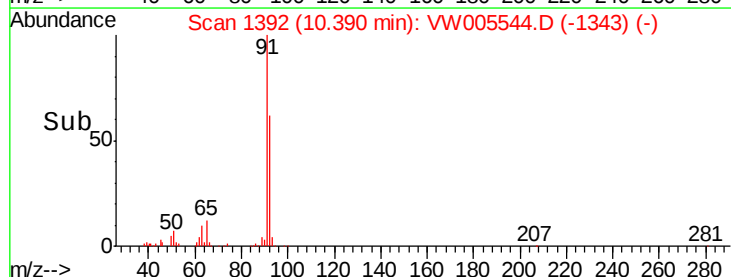
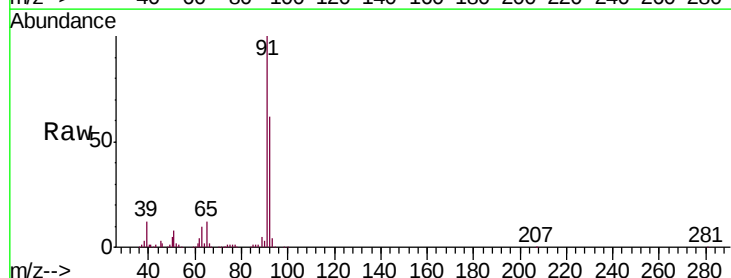
Manual Integrations
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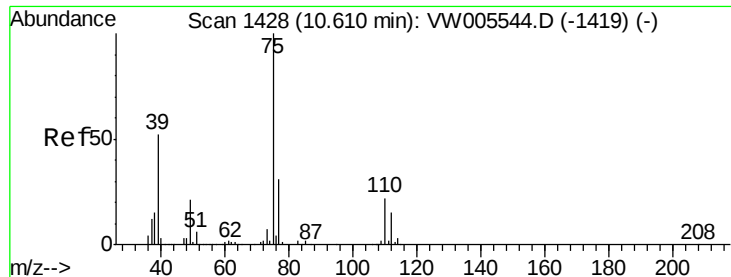
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#52
 Toluene
 Concen: 49.128 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion: 92 Resp: 332387
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.1 205.7





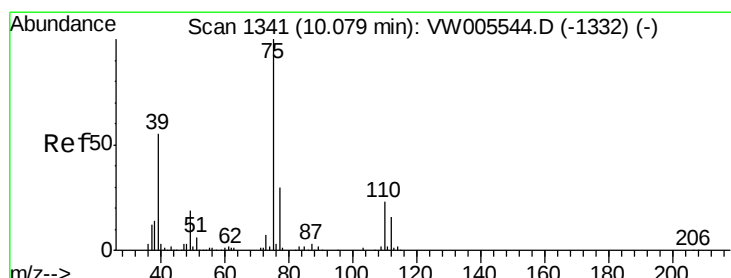
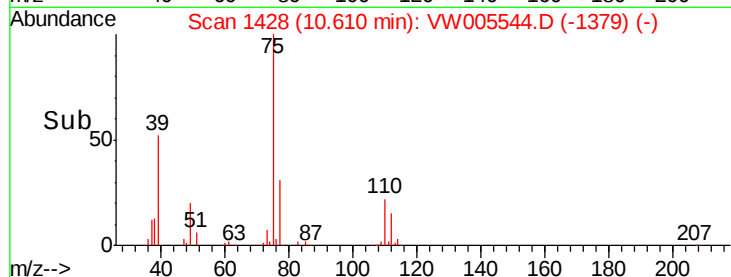
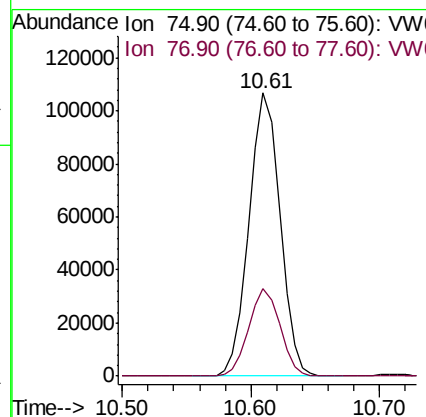
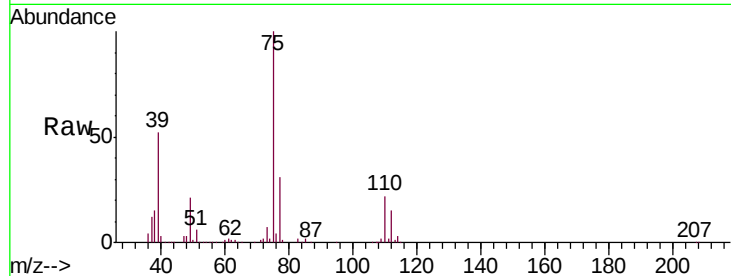
#53
 t-1,3-Dichloropropene
 Concen: 54.473 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 177758
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0

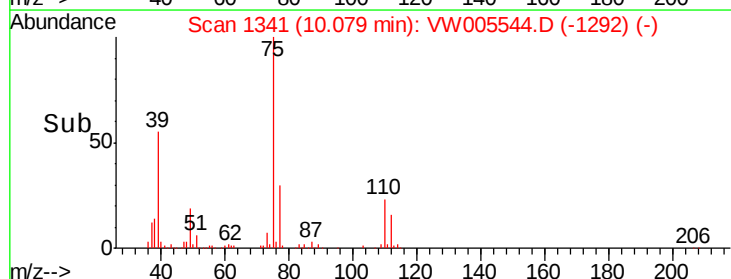
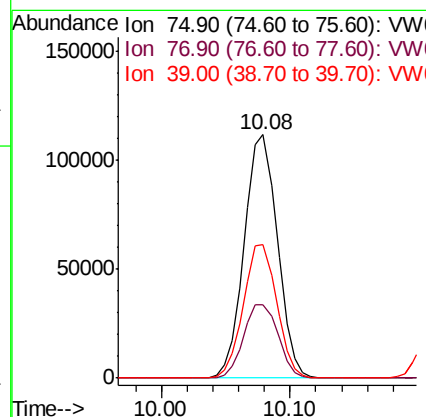
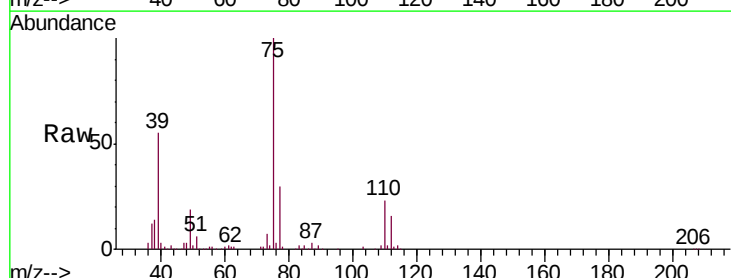
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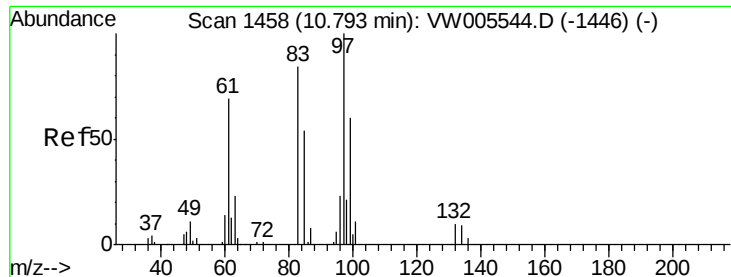
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#54
 cis-1,3-Dichloropropene
 Concen: 54.075 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion: 75 Resp: 199697
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.3 36.5
 39 54.6 43.7 65.5





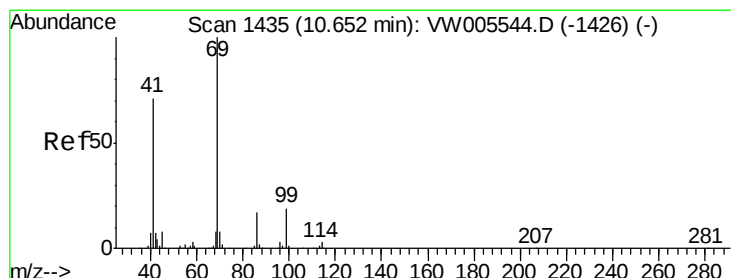
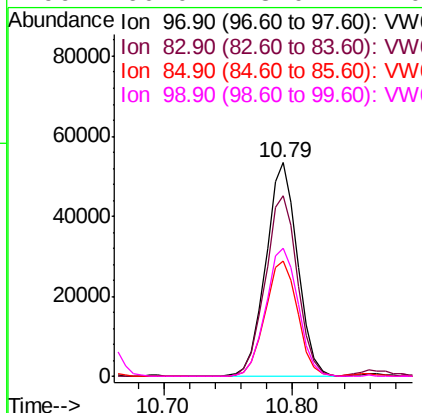
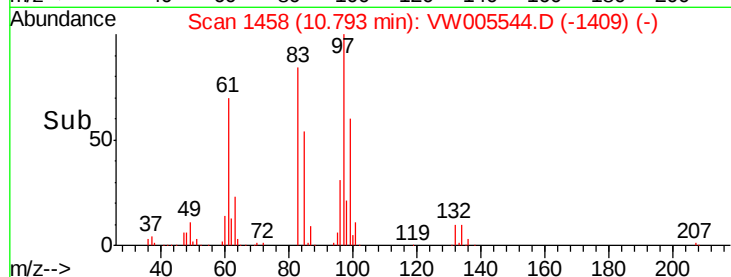
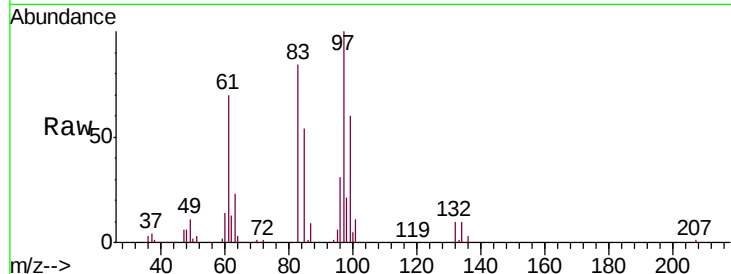
#55
 1,1,2-Trichloroethane
 Concen: 51.002 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	90866
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.2
85	54.1	43.3	64.9
99	60.0	48.0	72.0

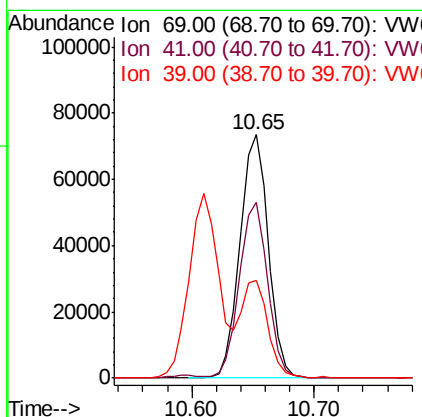
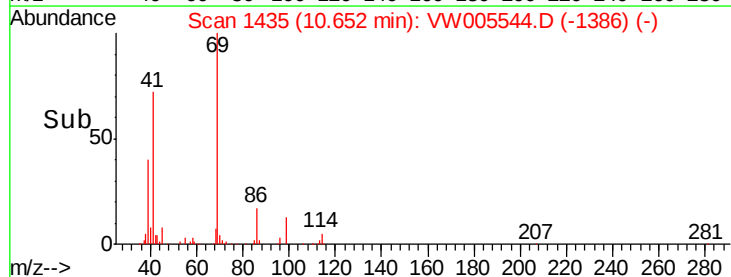
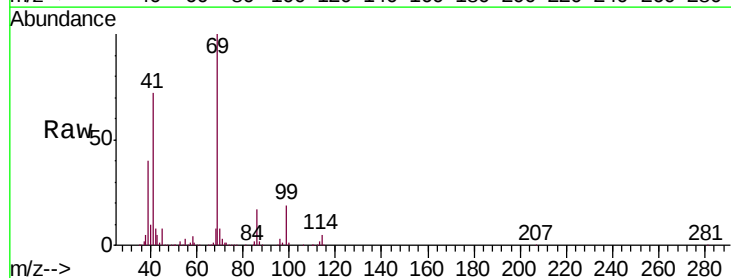
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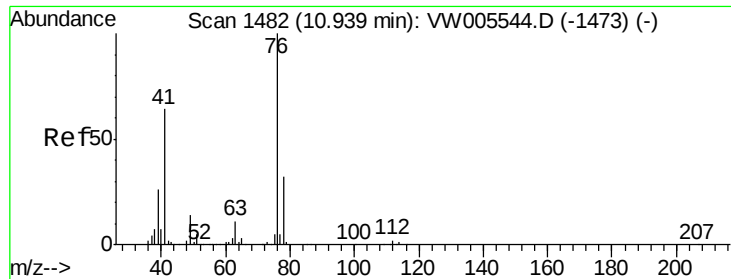
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#56
 Ethyl methacrylate
 Concen: 53.012 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion:	69	Resp:	118229
Ion	Ratio	Lower	Upper
69	100		
41	71.6	57.3	85.9
39	36.5	29.2	43.8





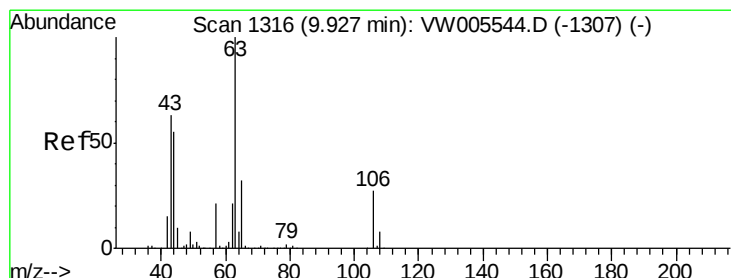
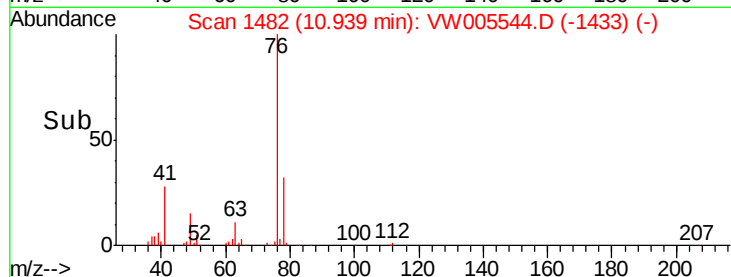
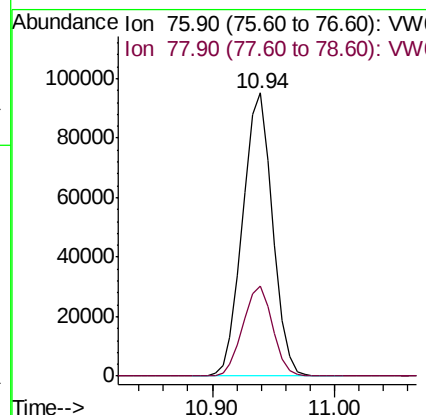
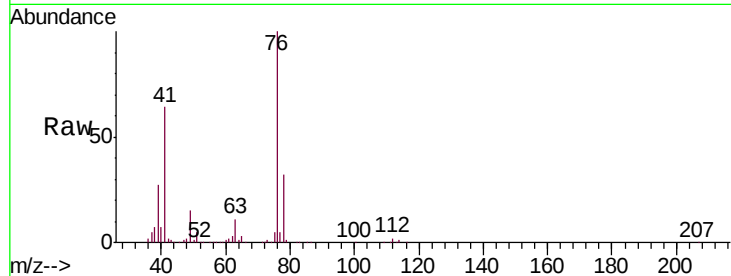
#57
 1,3-Dichloropropane
 Concen: 52.482 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tgt Ion: 76 Resp: 161072
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

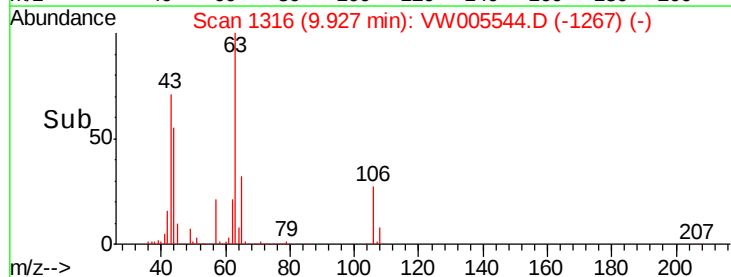
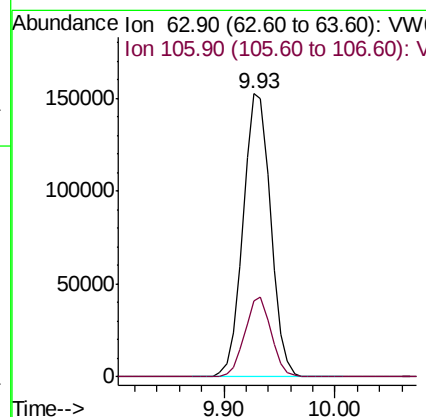
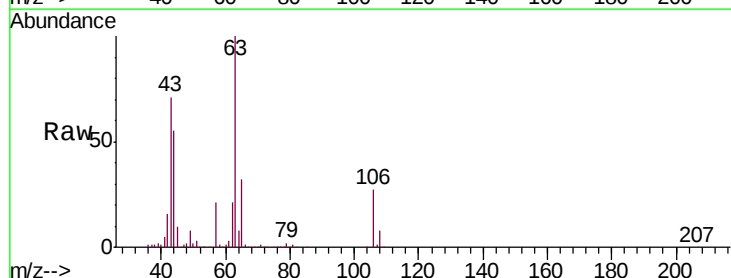
Manual Integrations
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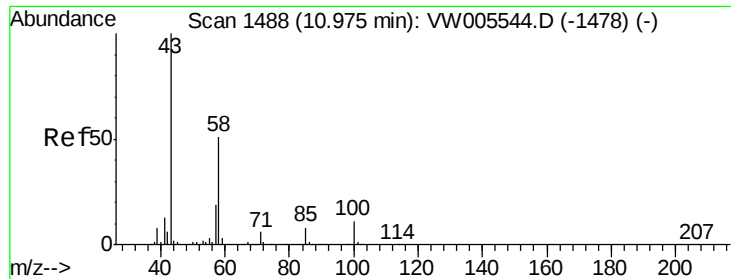
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#58
 2-Chloroethyl Vinyl ether
 Concen: 257.694 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion: 63 Resp: 261381
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.6 32.4





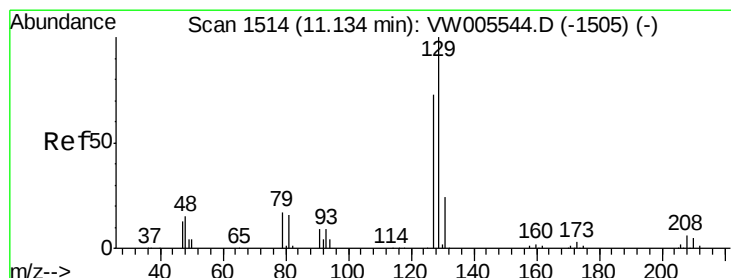
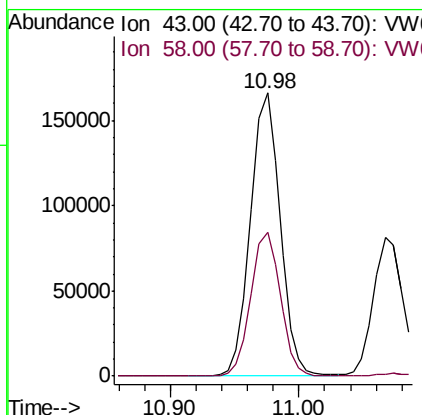
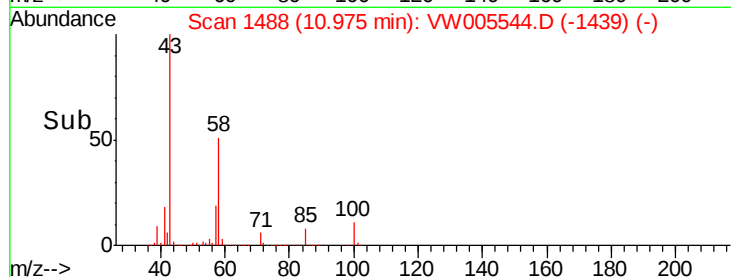
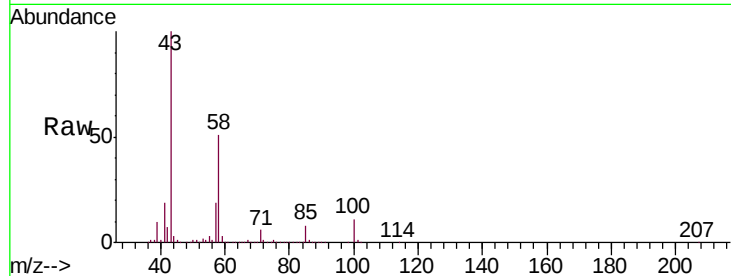
#59
2-Hexanone
Concen: 272.643 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 264828
Ion Ratio Lower Upper
43 100
58 50.6 25.3 75.9

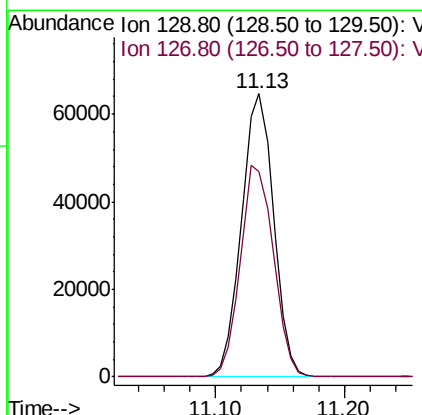
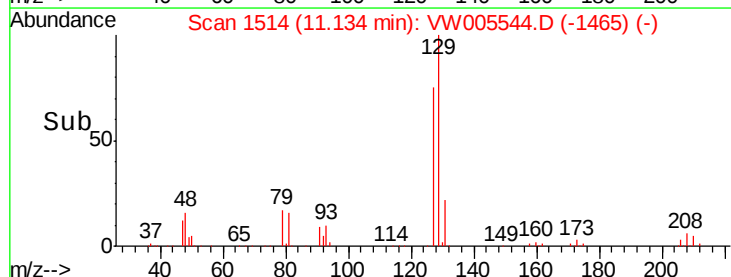
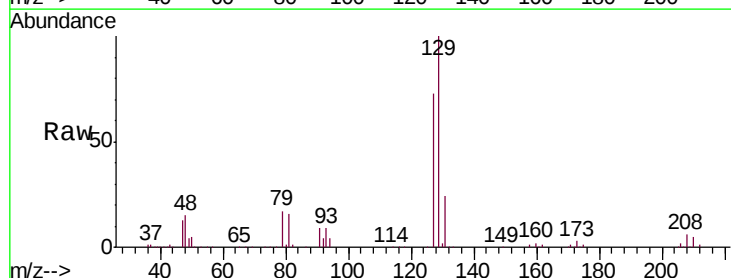
Manual Integrations
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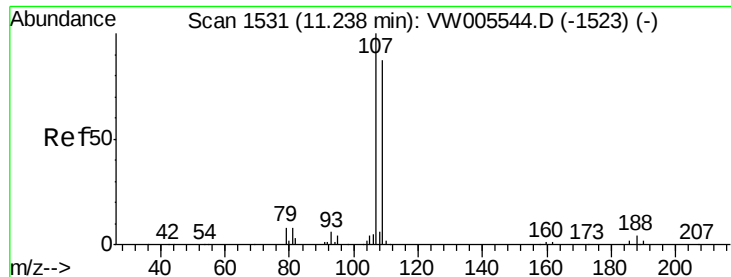
apatel
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#60
Dibromochloromethane
Concen: 52.182 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion: 129 Resp: 111691
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





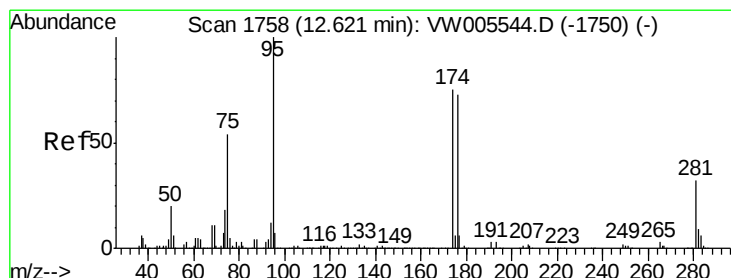
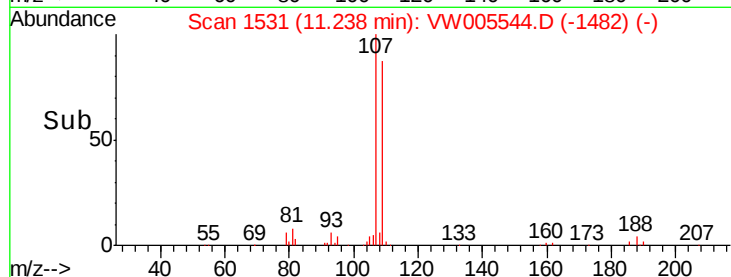
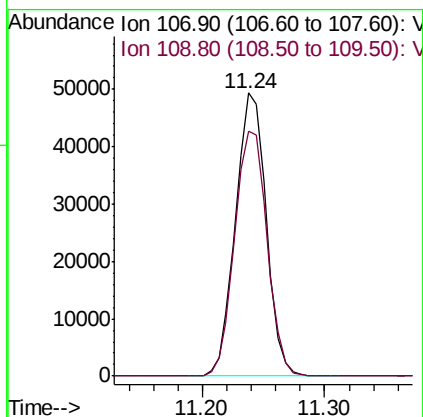
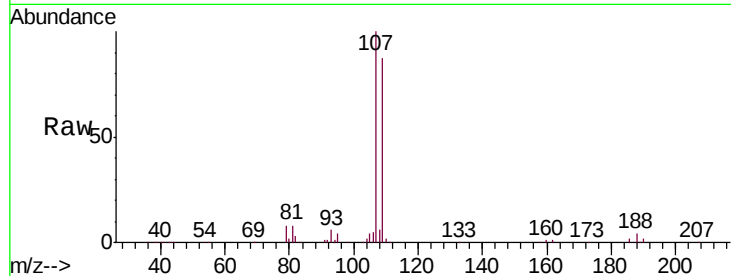
#61
 1,2-Dibromoethane
 Concen: 53.512 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 85795
 Ion Ratio Lower Upper
 107 100
 109 91.7 73.4 110.0

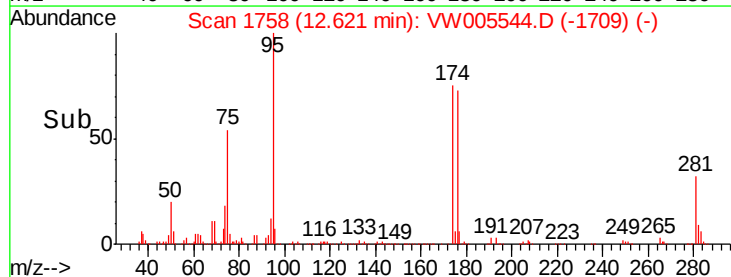
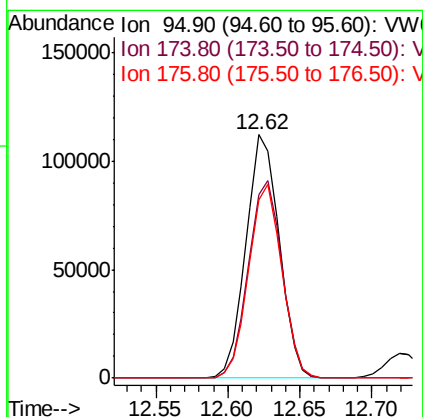
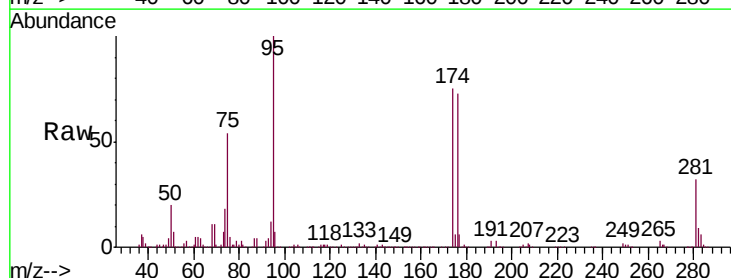
Manual Integrations
 APPROVED

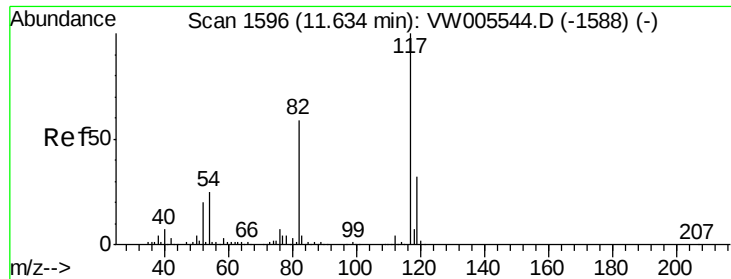
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.946 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion: 95 Resp: 179582
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 163.8
 176 79.0 0.0 158.0





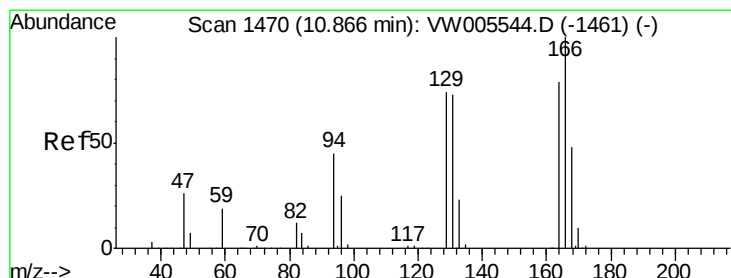
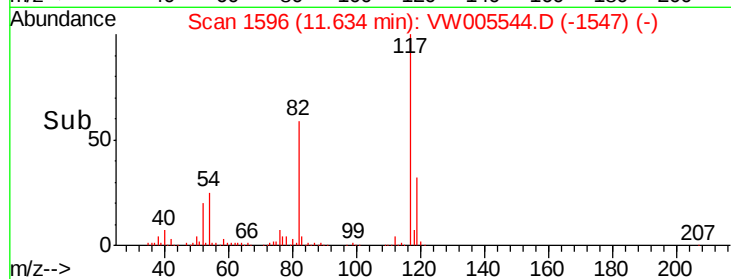
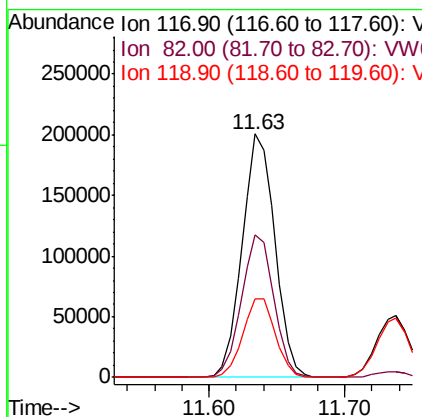
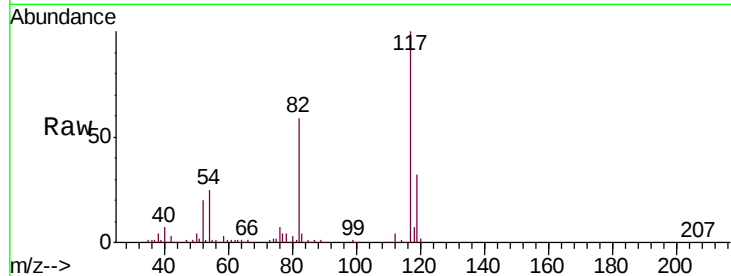
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.9	70.3
119	32.1	25.7	38.5

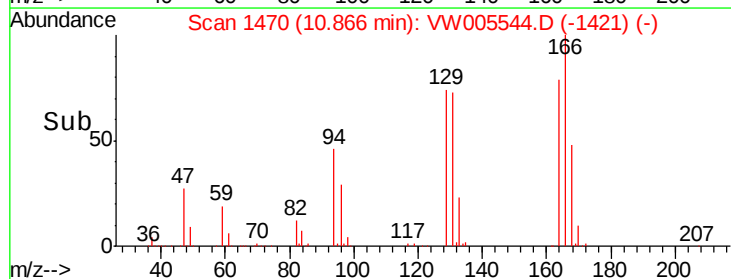
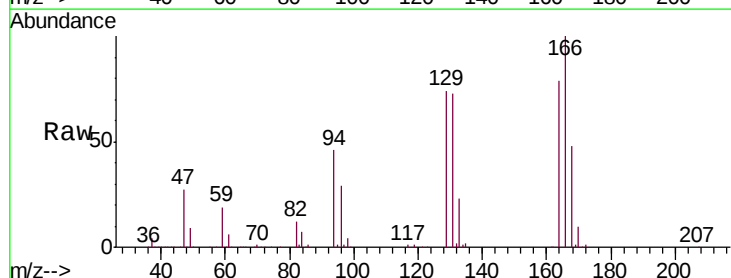
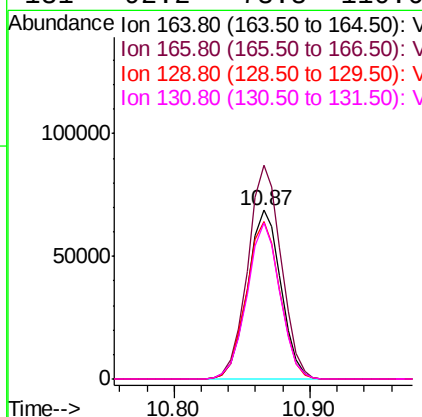
Manual Integrations
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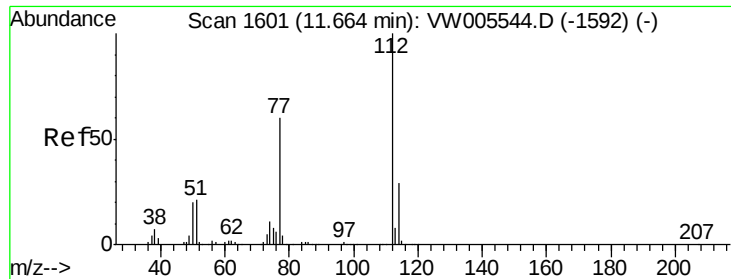
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#64
Tetrachloroethene
Concen: 47.828 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.1	151.7
129	93.0	74.4	111.6
131	92.2	73.8	110.6





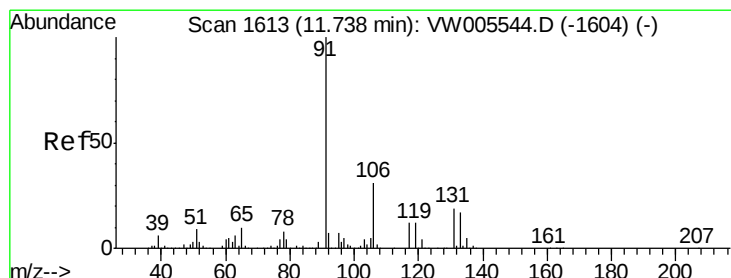
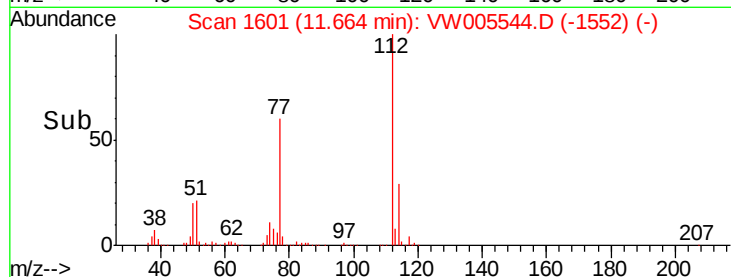
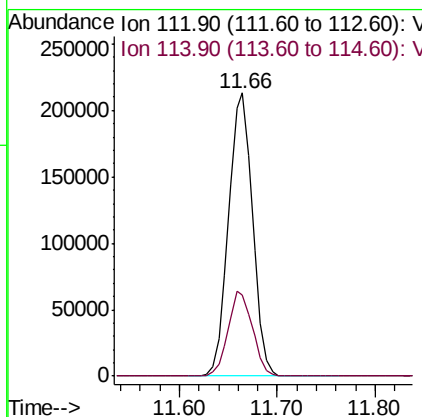
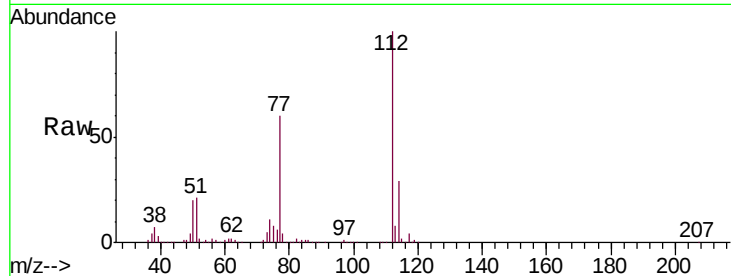
#65
Chlorobenzene
Concen: 50.282 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 362177
Ion Ratio Lower Upper
112 100
114 28.6 22.9 34.3

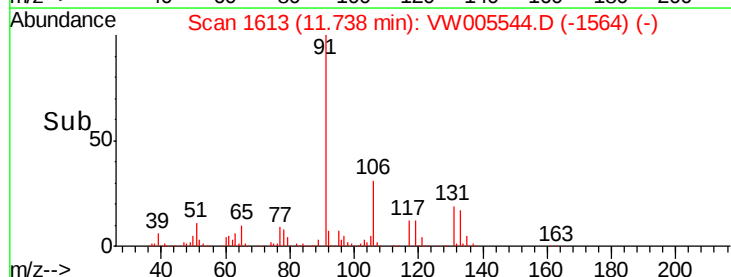
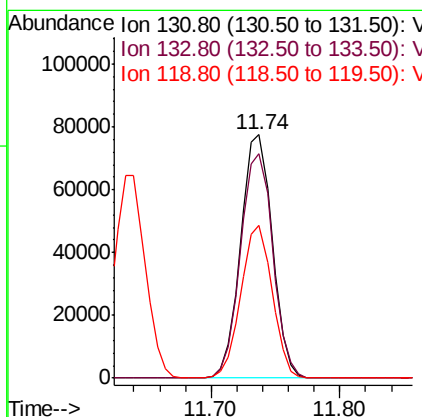
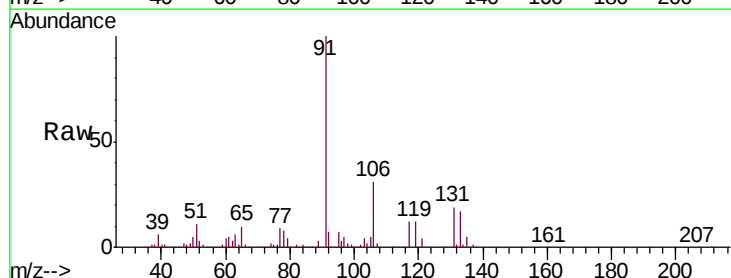
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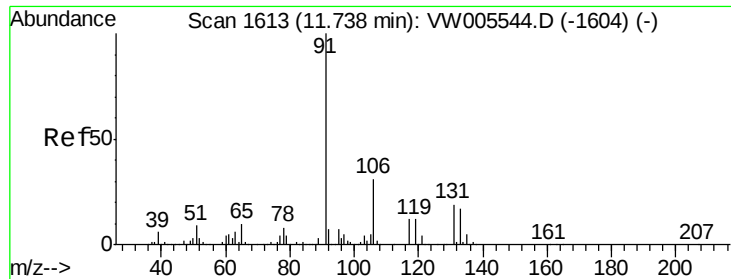
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.908 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion:131 Resp: 131610
Ion Ratio Lower Upper
131 100
133 94.4 47.2 141.6
119 62.1 31.1 93.2





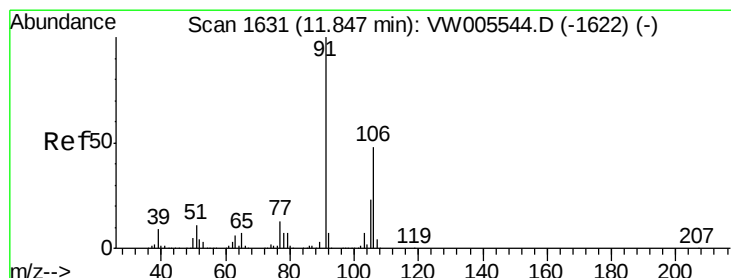
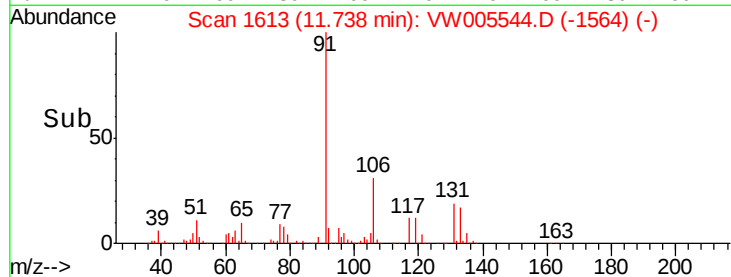
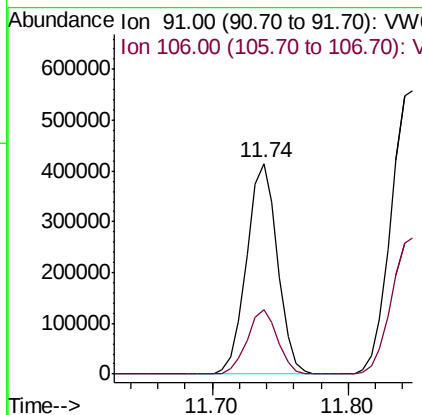
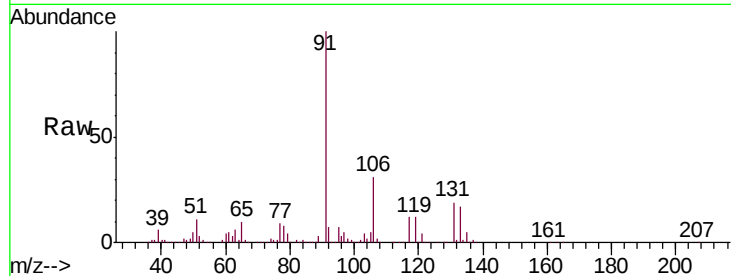
#67
Ethyl Benzene
Concen: 51.958 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion: 91 Resp: 658321
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

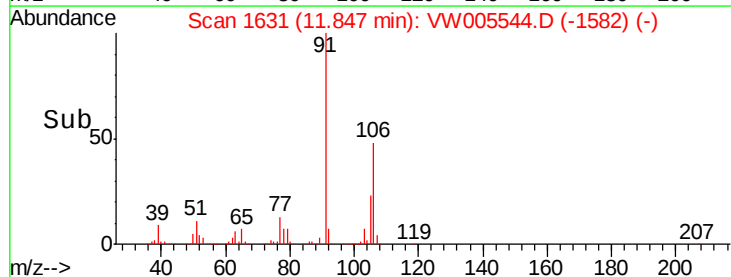
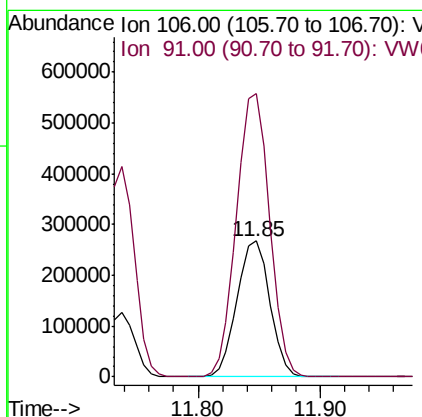
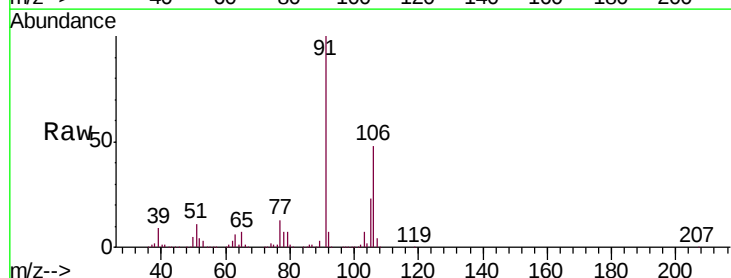
Manual Integrations
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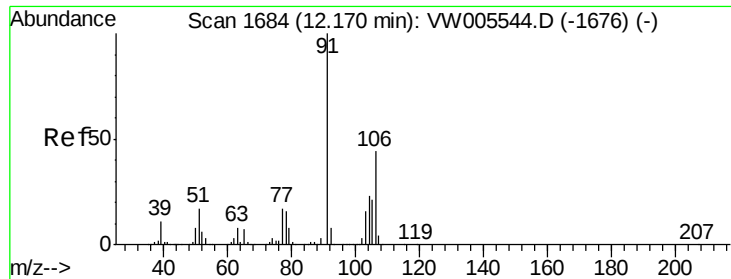
apatel
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#68
m/p-Xylenes
Concen: 103.063 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion: 106 Resp: 501440
Ion Ratio Lower Upper
106 100
91 209.8 167.8 251.8





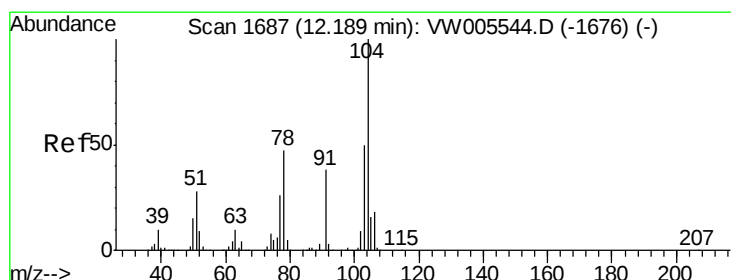
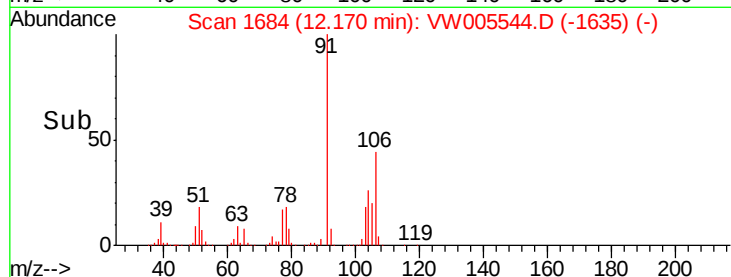
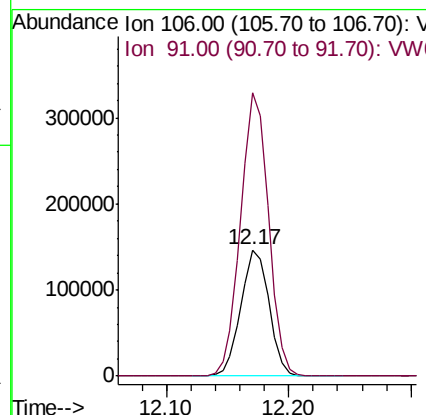
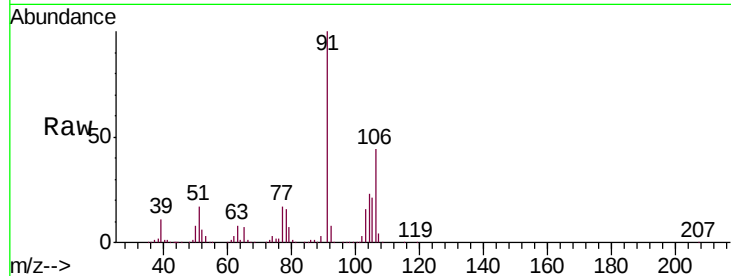
#69
o-Xylene
Concen: 51.764 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion:106 Resp: 234457
Ion Ratio Lower Upper
106 100
91 222.0 111.0 333.0

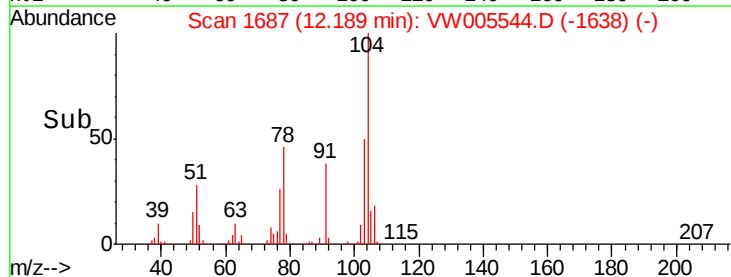
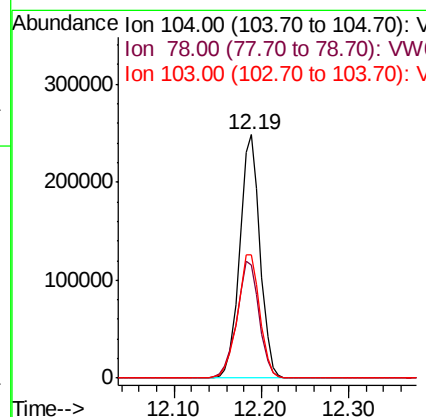
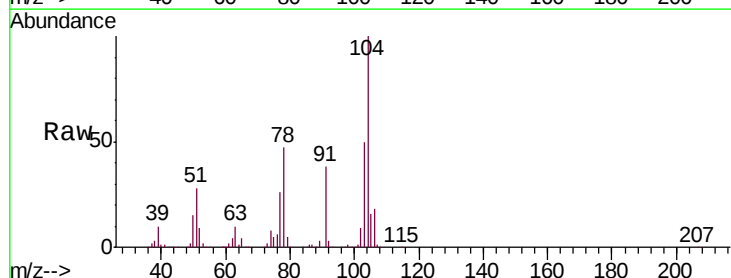
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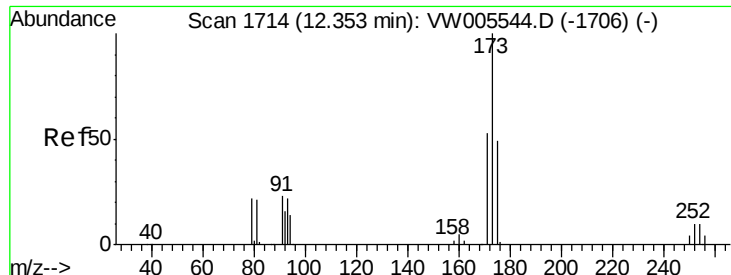
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#70
Styrene
Concen: 53.667 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion:104 Resp: 402751
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 55.7 44.6 66.8





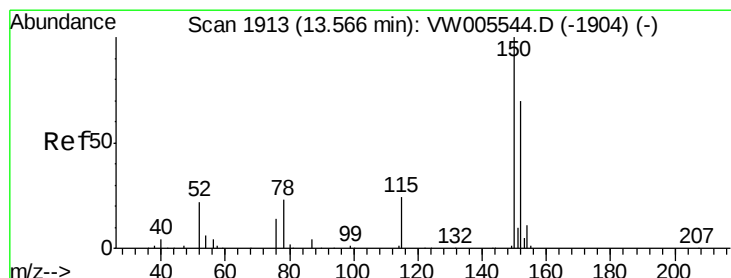
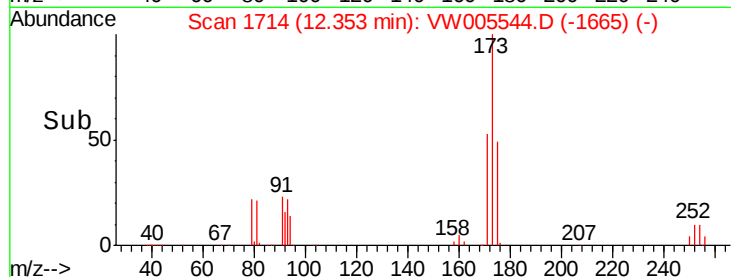
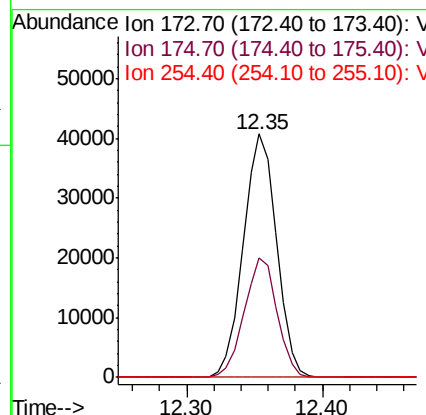
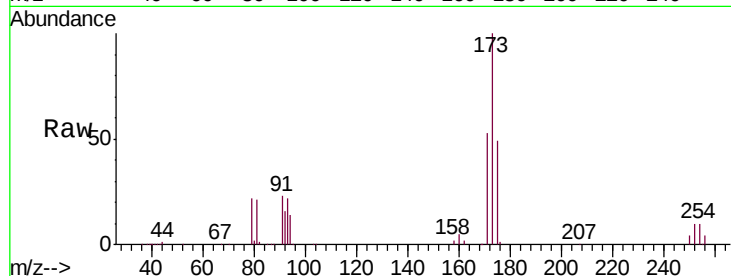
#71
Bromoform
Concen: 55.887 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.9
254	0.1	0.1	0.1

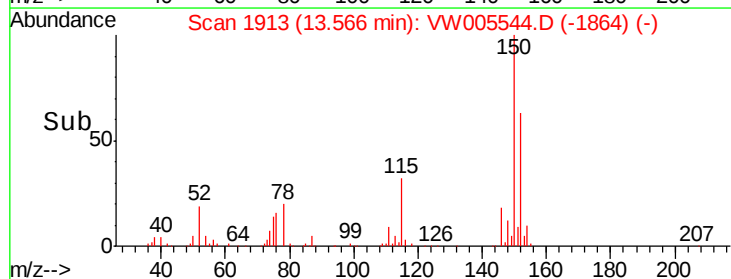
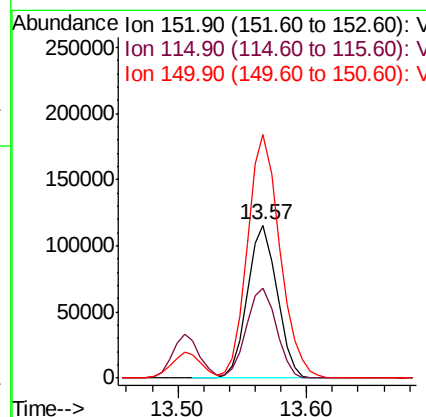
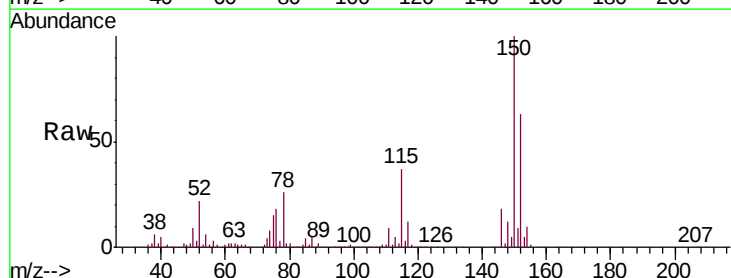
Manual Integrations
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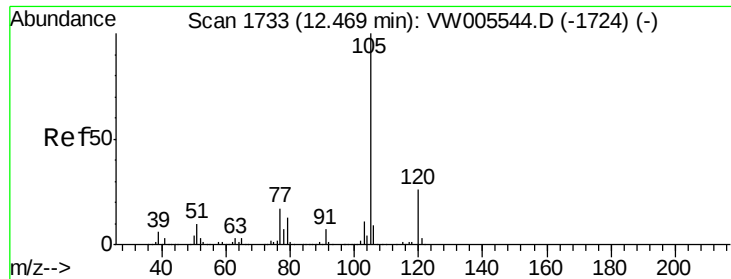
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.0	90.0
150	174.3	0.0	348.6





#73

Isopropylbenzene

Concen: 51.561 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 665024

Ion Ratio Lower Upper

105 100

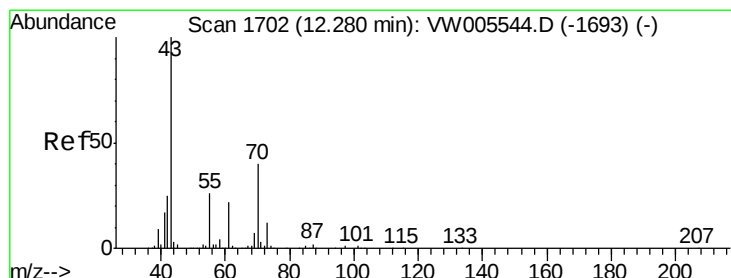
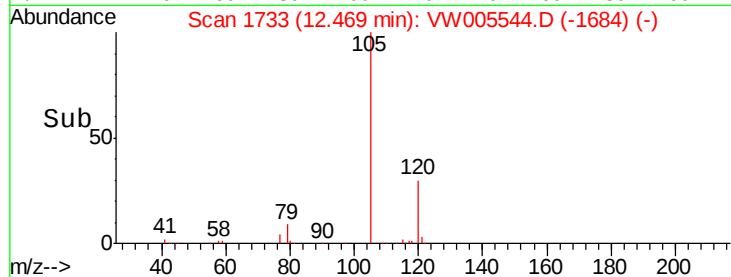
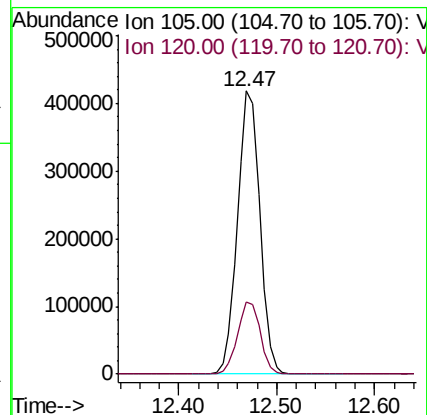
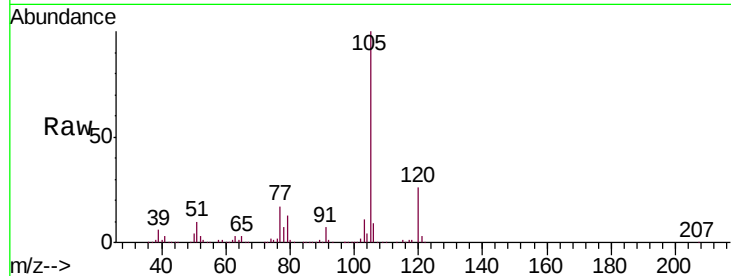
120 25.8 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 53.453 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Tgt Ion: 43 Resp: 146187

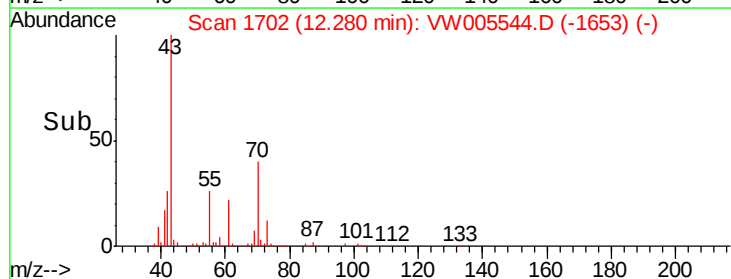
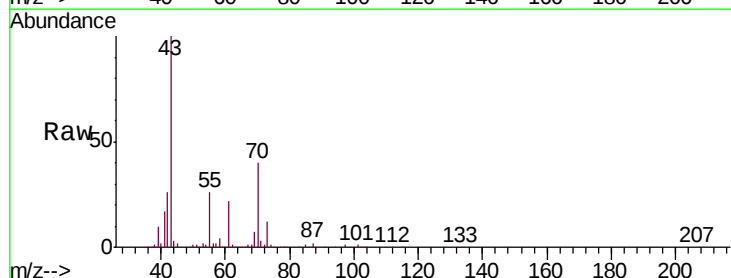
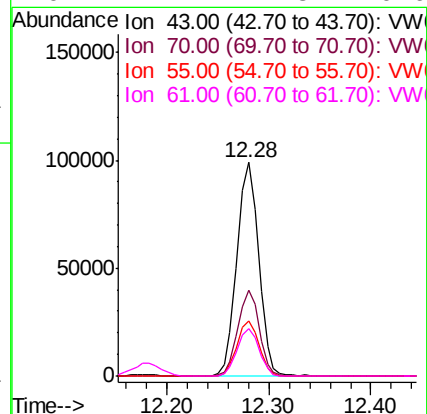
Ion Ratio Lower Upper

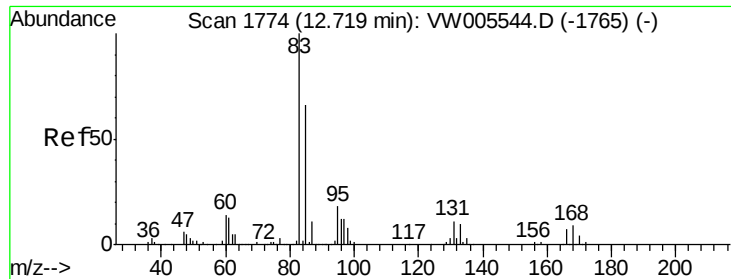
43 100

70 39.2 31.4 47.0

55 26.1 20.9 31.3

61 22.2 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.994 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

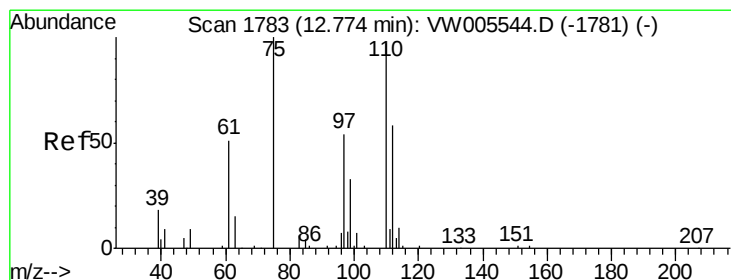
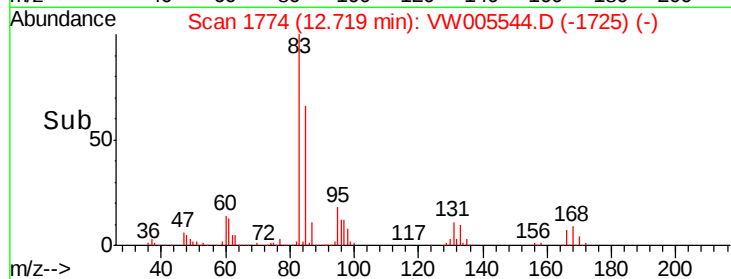
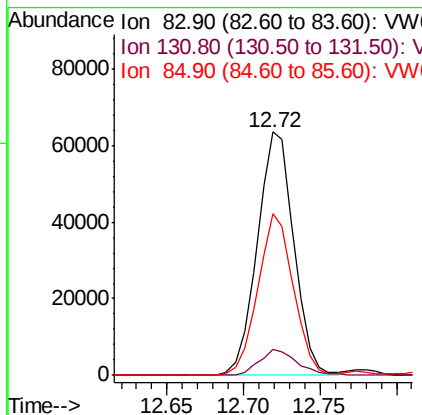
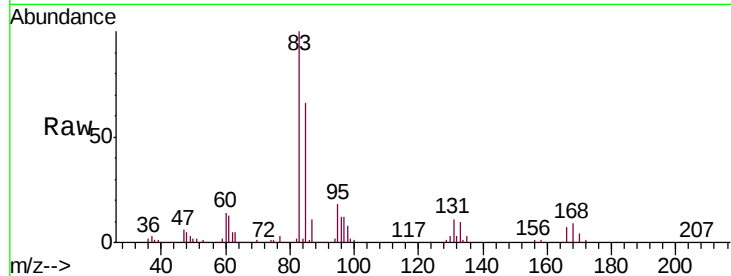
ClientSampled :

VSTDICCC050

Tgt Ion:	83	Resp:	105615
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.7
85	64.7	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.534 ug/l m

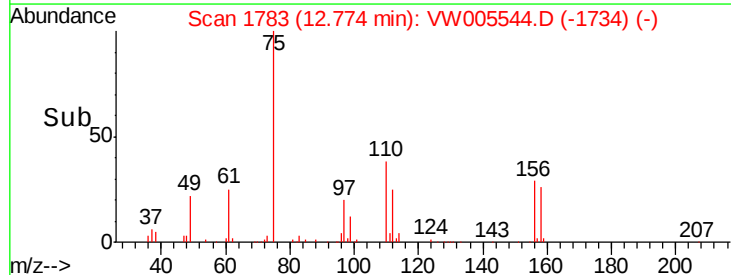
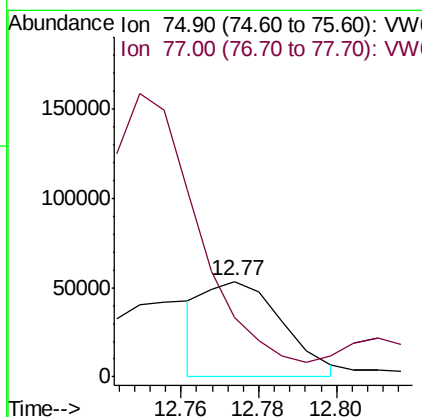
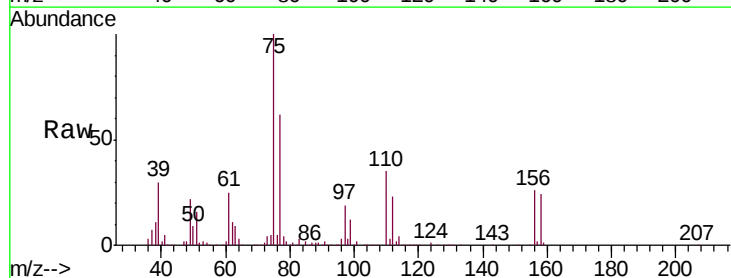
RT: 12.77 min Scan# 1783

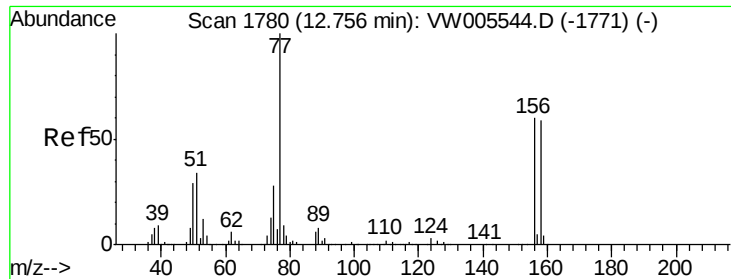
Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Tgt Ion:	75	Resp:	74054
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.859 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

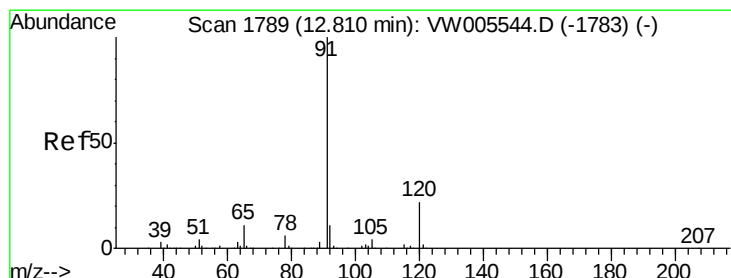
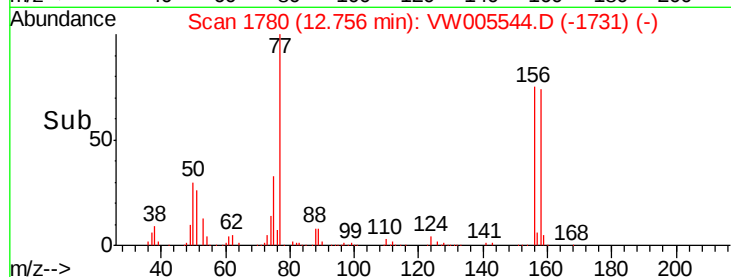
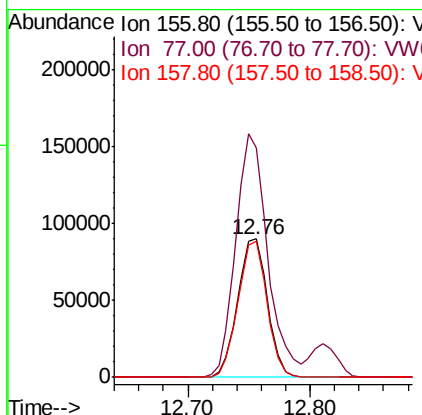
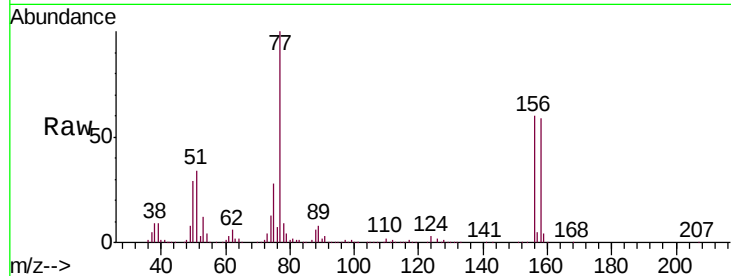
ClientSampleId :

VSTDICCC050

Tgt Ion:	156	Resp:	151555
Ion Ratio	Lower	Upper	
156	100		
77	189.4	94.7	284.1
158	96.1	48.0	144.2

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#78

n-propylbenzene

Concen: 51.943 ug/l

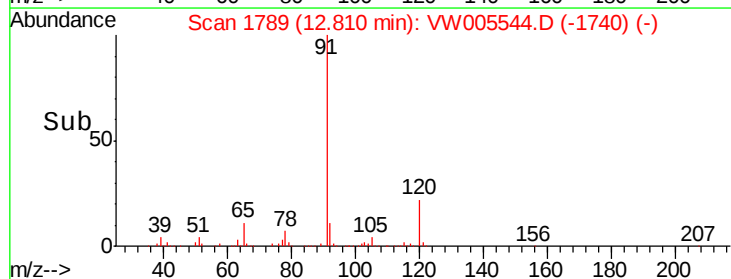
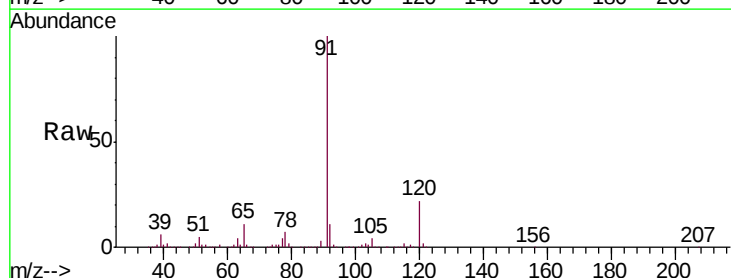
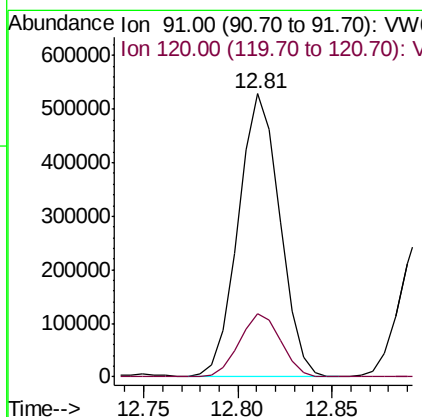
RT: 12.81 min Scan# 1789

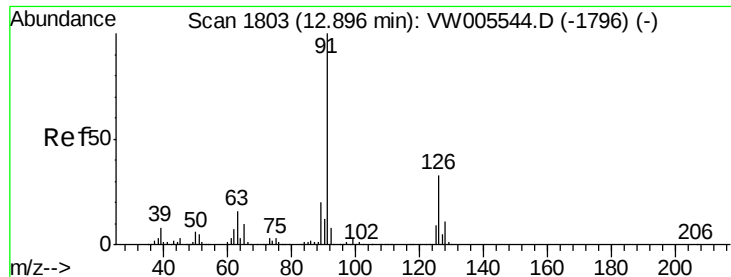
Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Tgt Ion:	91	Resp:	808227
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.2	33.5





#79

2-Chlorotoluene

Concen: 50.291 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 459980

Ion Ratio Lower Upper

91 100

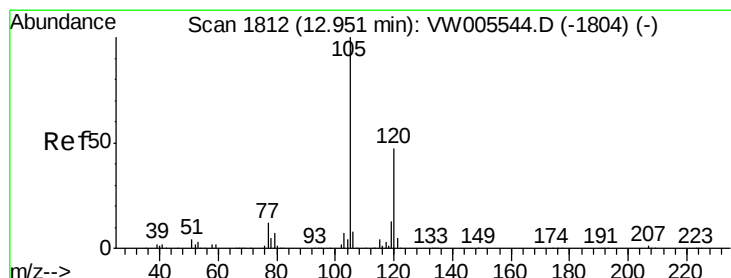
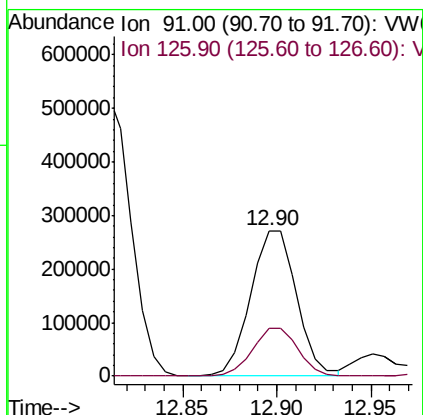
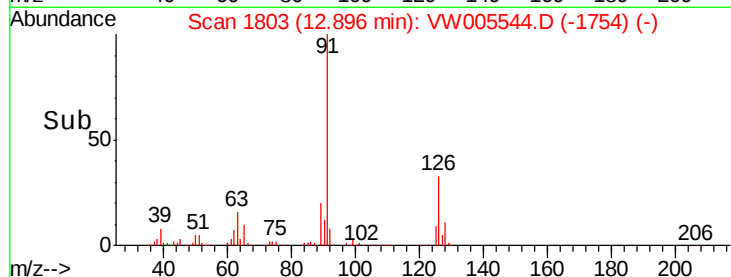
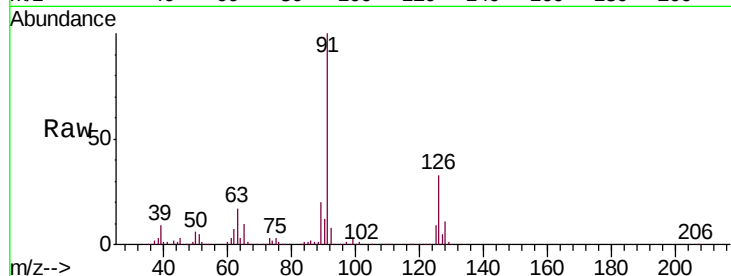
126 32.7 16.4 49.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.120 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005544.D

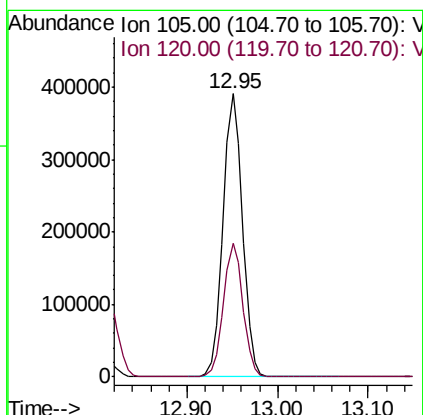
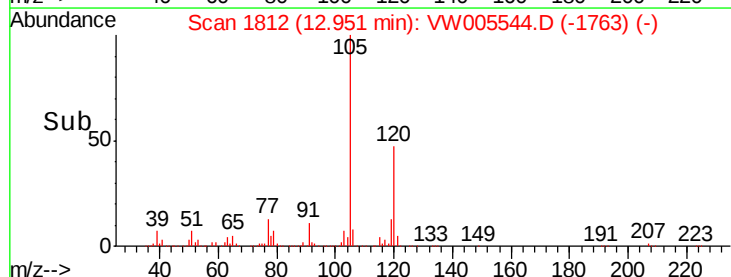
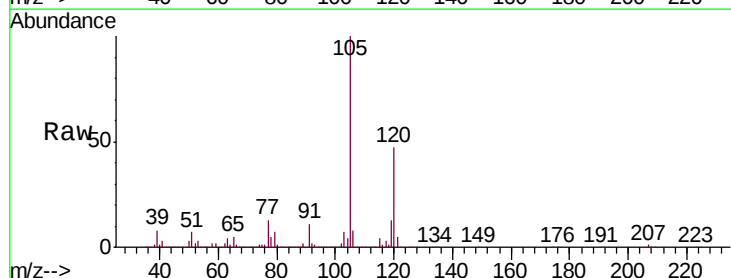
Acq: 20 Sep 2018 21:54

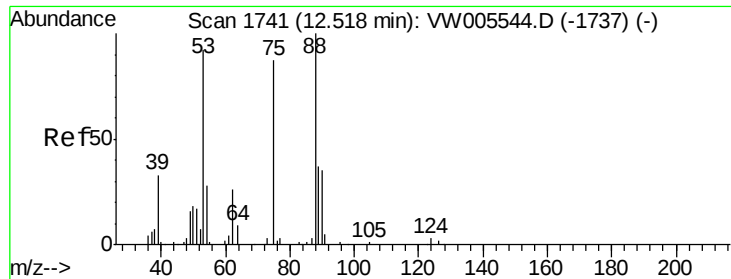
Tgt Ion: 105 Resp: 584816

Ion Ratio Lower Upper

105 100

120 47.2 23.6 70.8





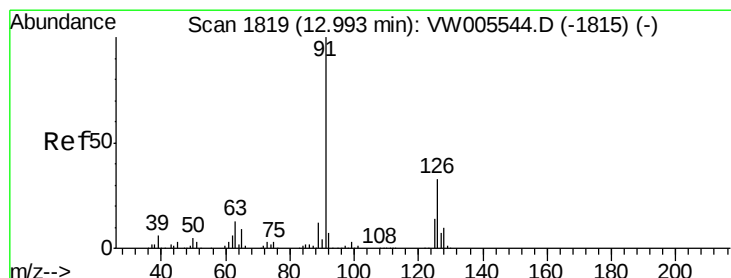
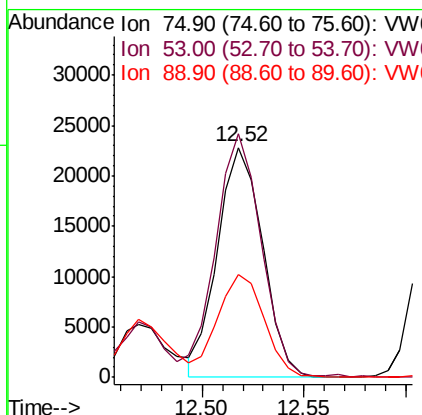
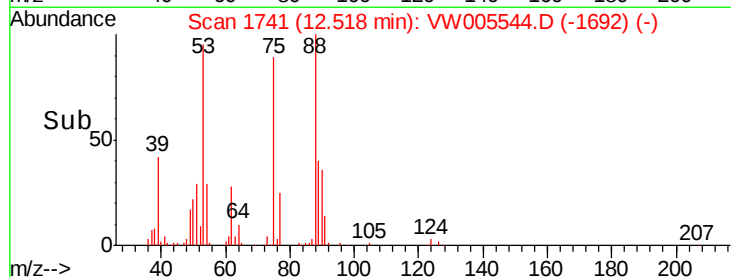
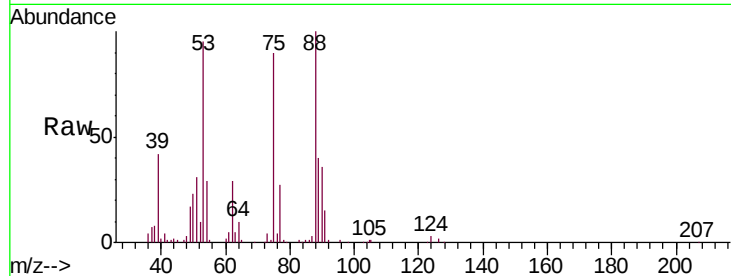
#81
trans-1,4-Dichloro-2-butene
Concen: 58.075 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	107.2	85.8	128.6
89	46.6	37.3	55.9

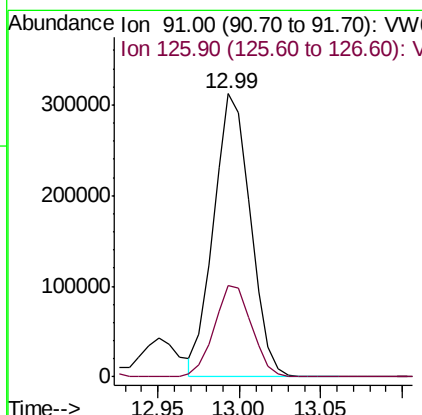
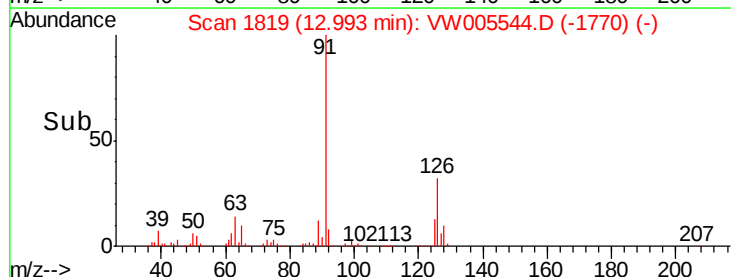
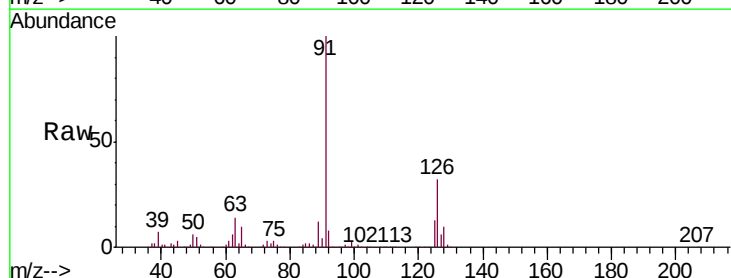
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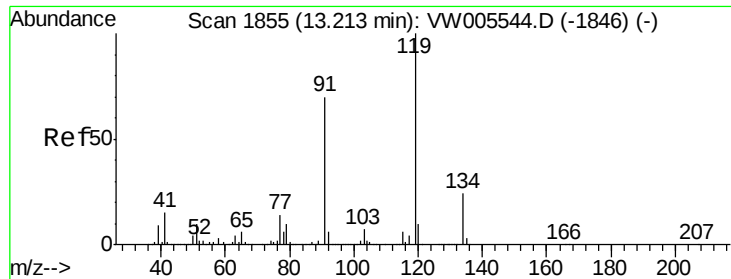
apatel
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#82
4-Chlorotoluene
Concen: 50.551 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4





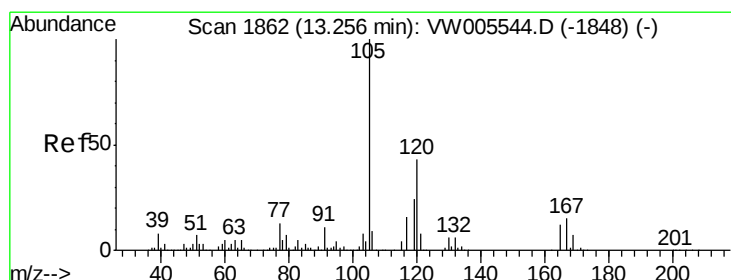
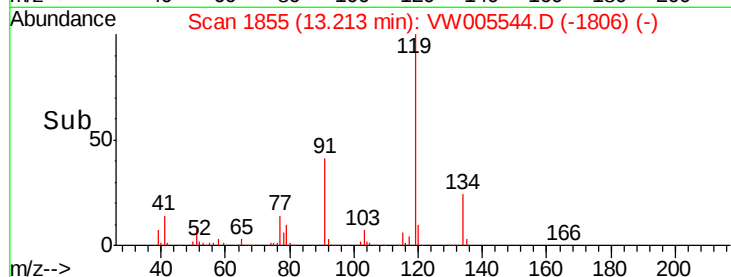
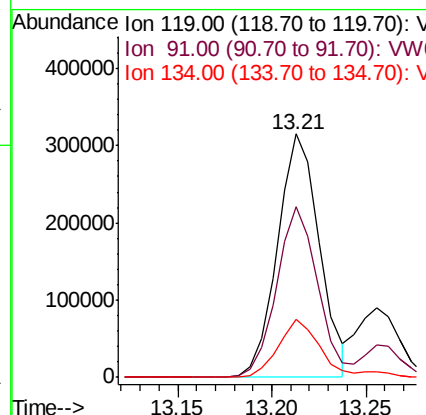
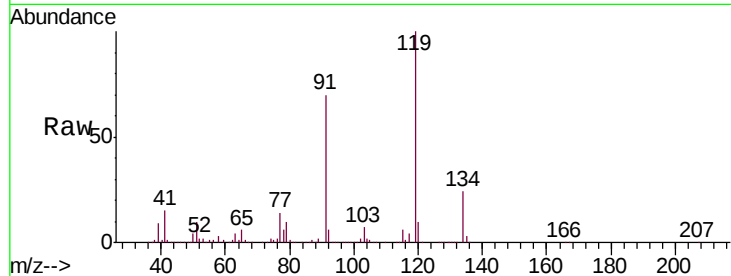
#83
 tert-Butylbenzene
 Concen: 52.184 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	69.2	34.6	103.8
134	25.1	12.6	37.6

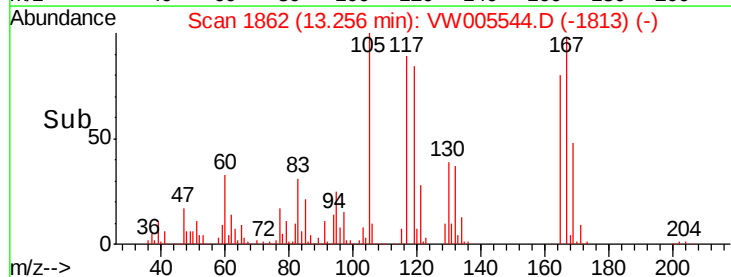
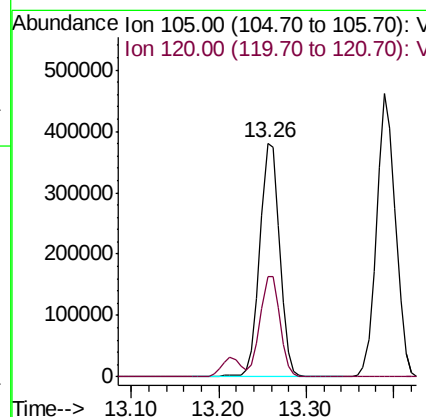
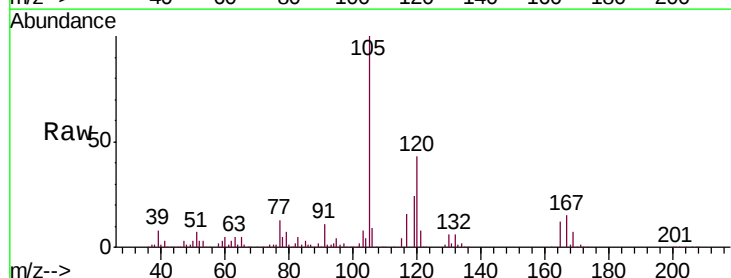
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.438 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.5	64.5





#85

sec-Butylbenzene

Concen: 51.757 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 697998

Ion Ratio Lower Upper

105 100

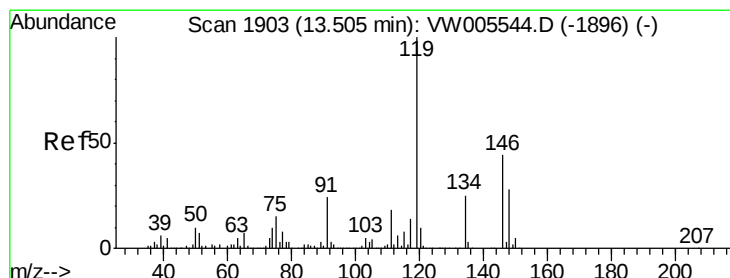
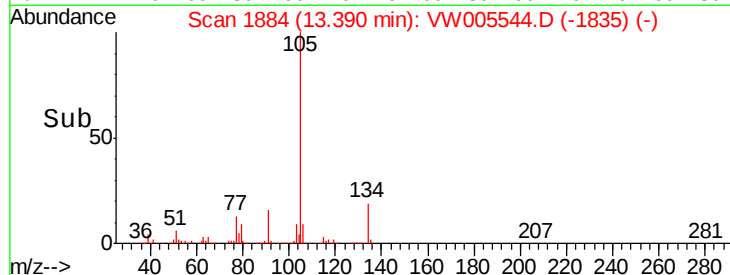
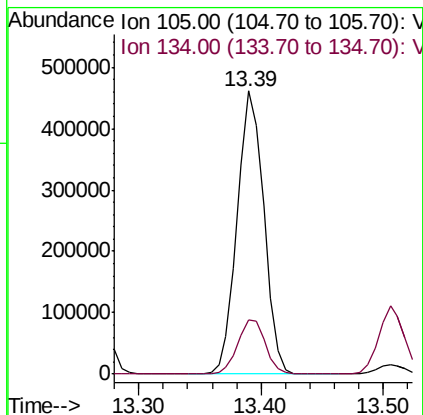
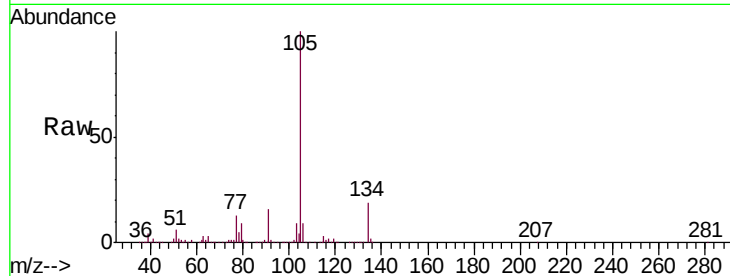
134 19.7 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 52.666 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

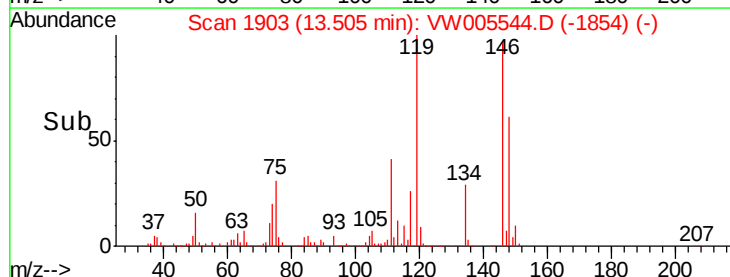
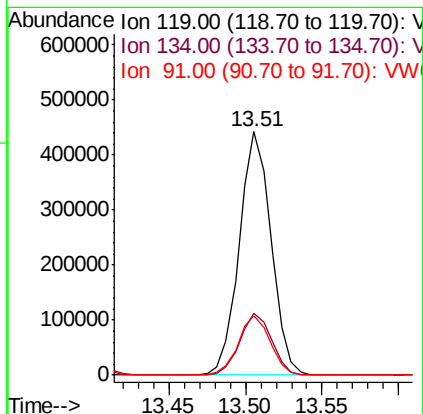
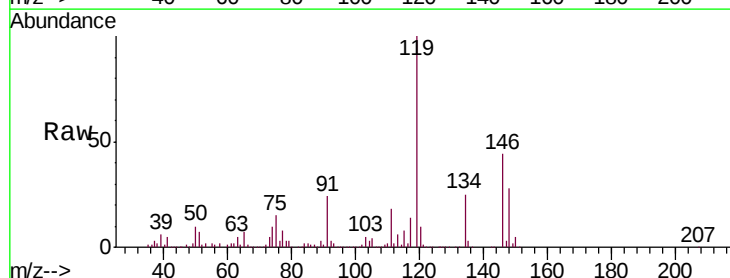
Tgt Ion:119 Resp: 635540

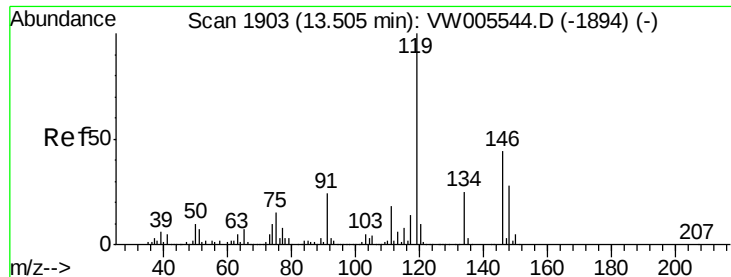
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 24.3 12.2 36.4





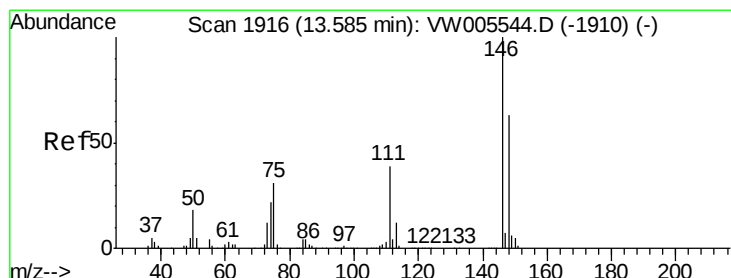
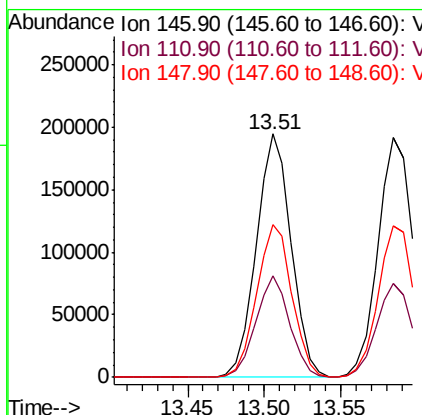
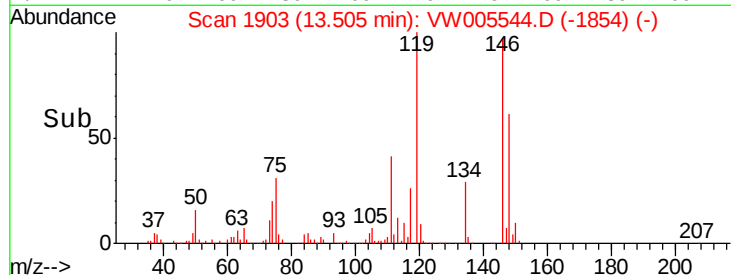
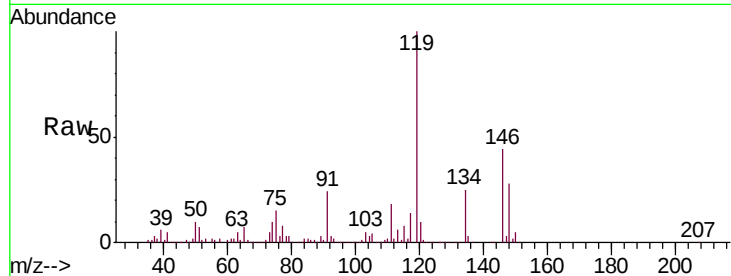
#87
 1,3-Dichlorobenzene
 Concen: 49.939 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	63.6	31.8	95.4

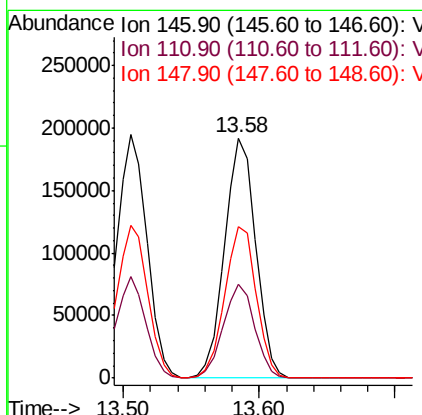
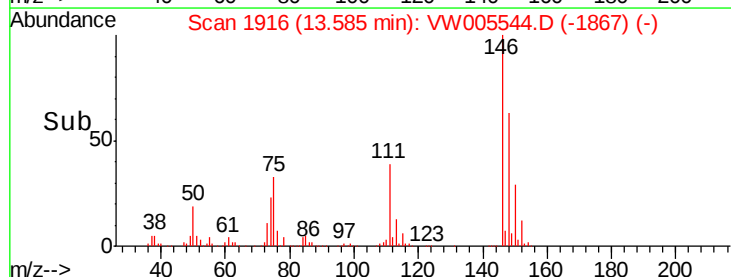
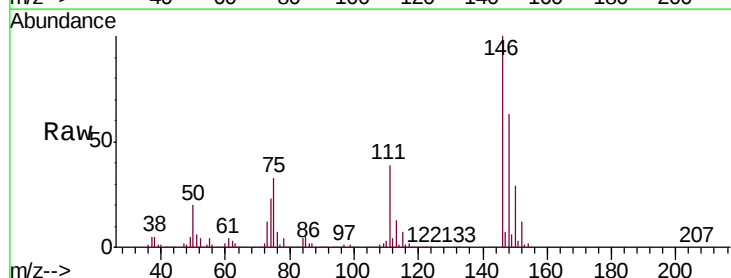
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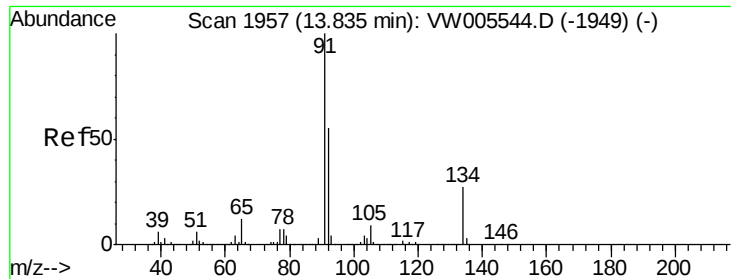
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#88
 1,4-Dichlorobenzene
 Concen: 50.112 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.2	32.1	96.3





#89

n-Butylbenzene

Concen: 52.638 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Instrument :

MSVOA_W

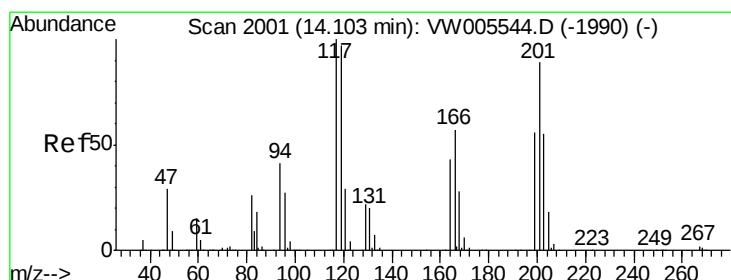
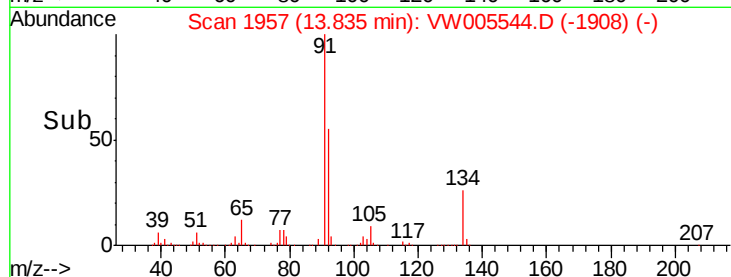
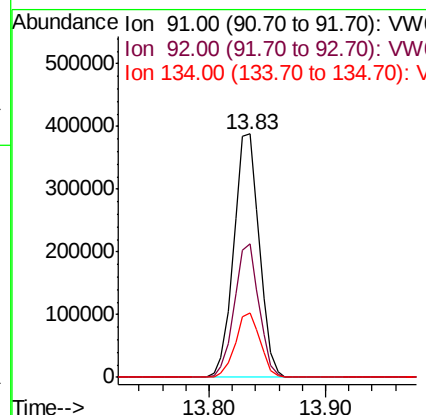
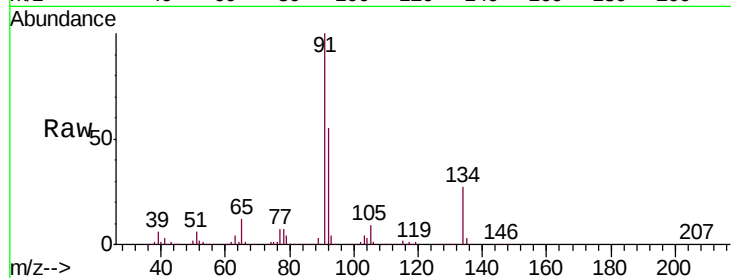
ClientSampleId :

VSTDICCC050

Tgt Ion:	91	Resp:	590848
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.5
134	25.8	12.9	38.7

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#90

Hexachloroethane

Concen: 53.085 ug/l

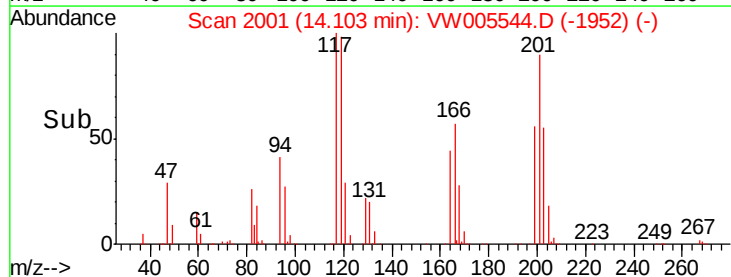
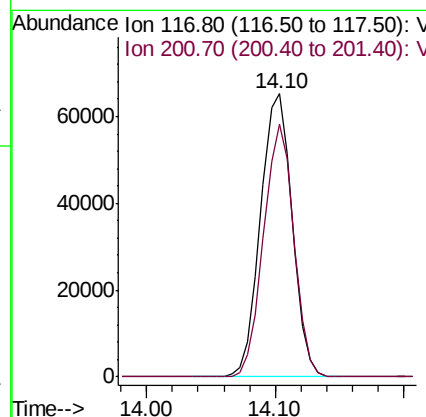
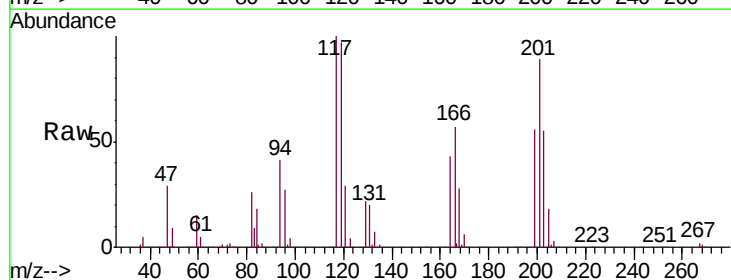
RT: 14.10 min Scan# 2001

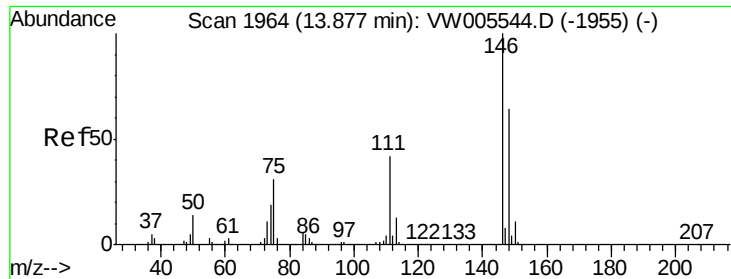
Delta R.T. 0.00 min

Lab File: VW005544.D

Acq: 20 Sep 2018 21:54

Tgt Ion:	117	Resp:	110648
Ion	Ratio	Lower	Upper
117	100		
201	85.5	42.8	128.3





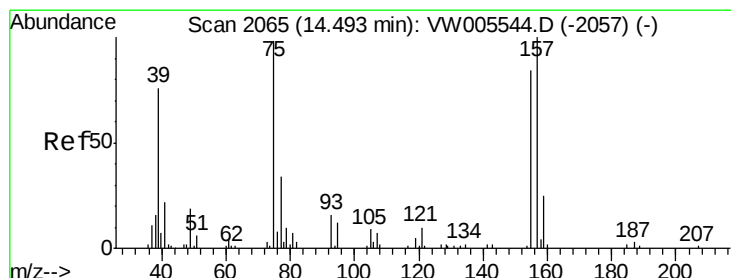
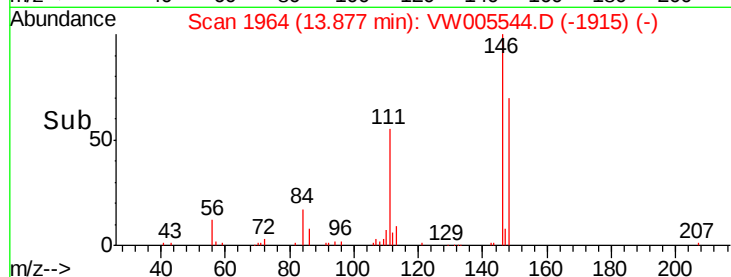
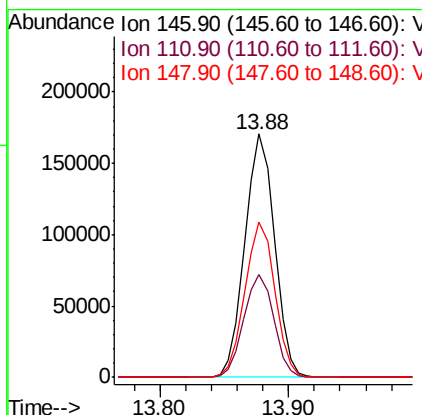
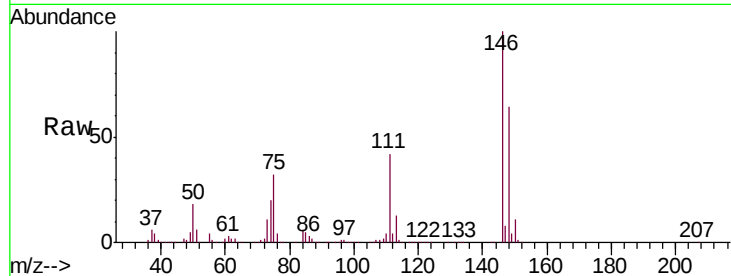
#91
 1,2-Dichlorobenzene
 Concen: 50.552 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	64.1	32.0	96.2

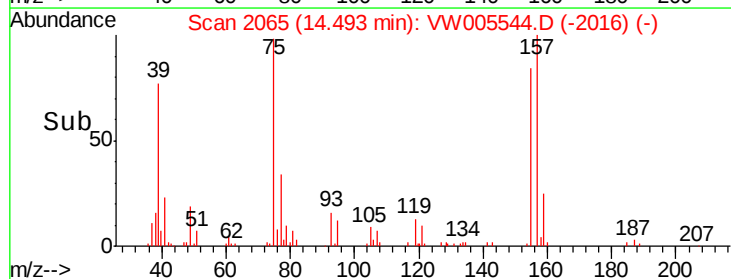
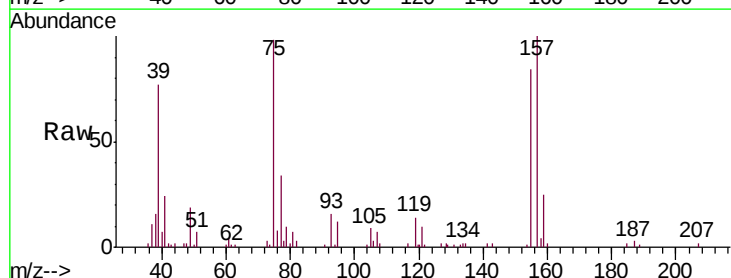
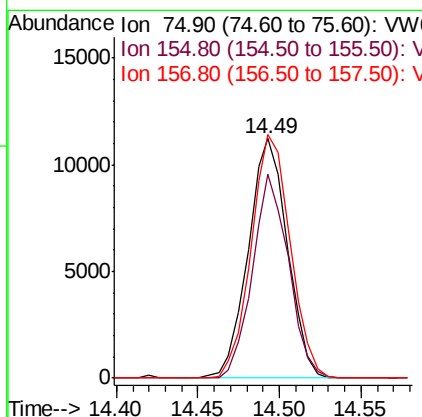
Manual Integrations
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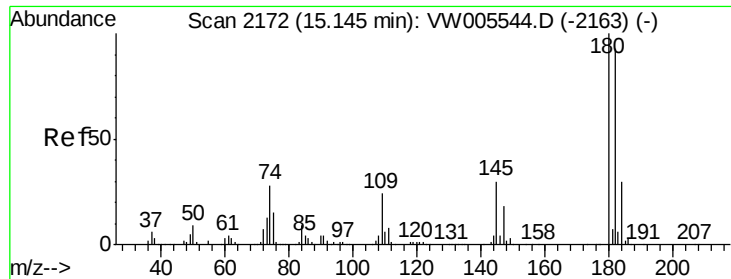
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.553 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005544.D
 Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	39.1	117.5
157	101.6	50.8	152.4





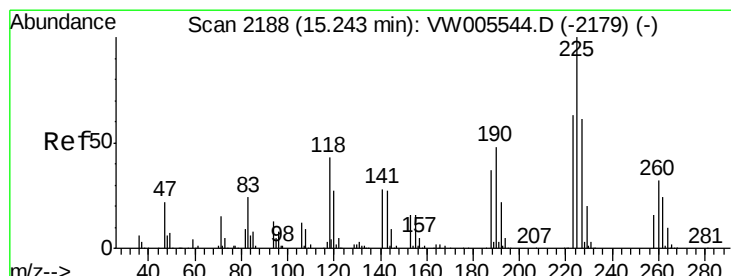
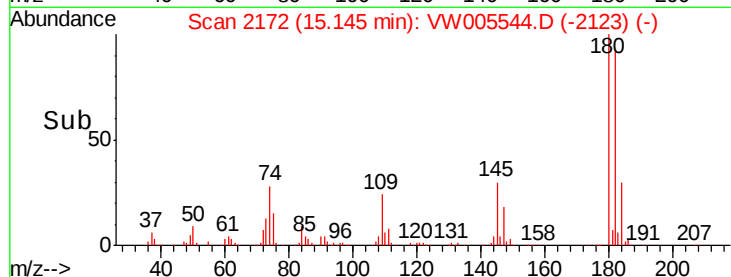
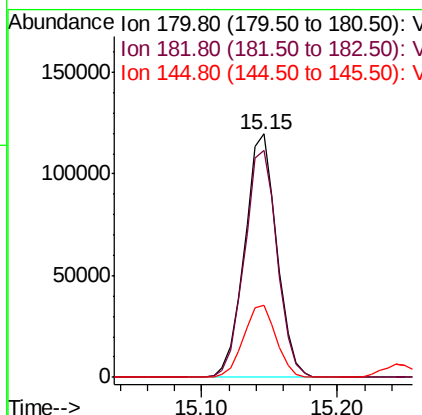
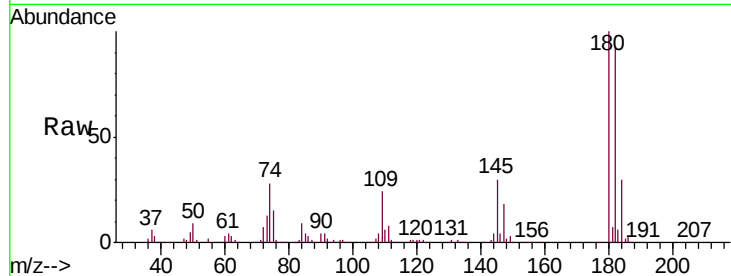
#93
1,2,4-Trichlorobenzene
Concen: 54.478 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	197273		
182	95.4	47.7	143.1	
145	30.1	15.0	45.1	

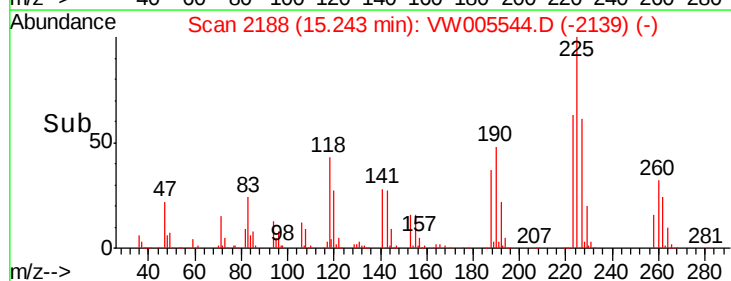
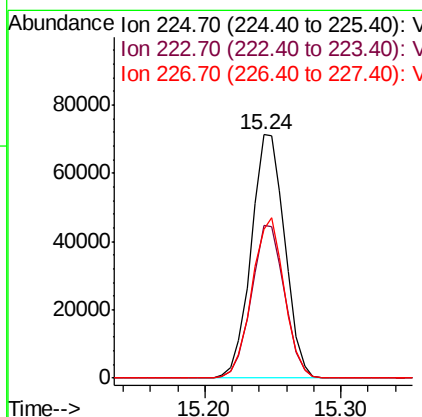
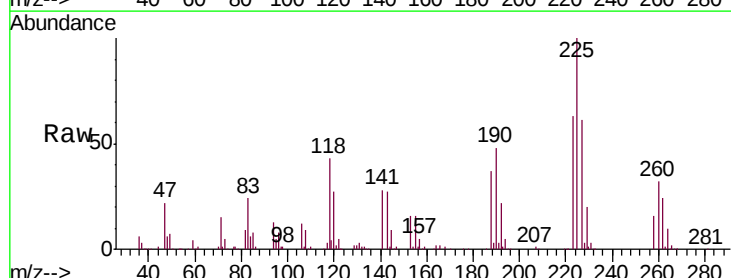
Manual Integrations
APPROVED

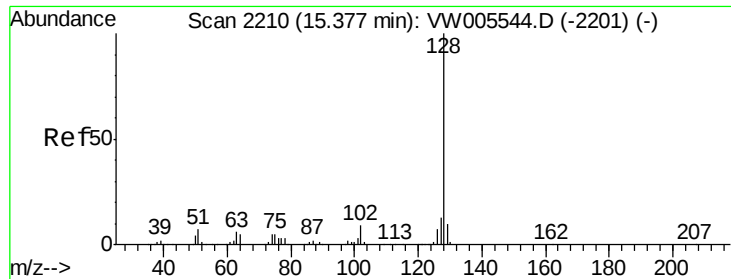
apatel
10/2/2018 12:28:22 PM



#94
Hexachlorobutadiene
Concen: 52.454 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123413		
223	62.2	31.1	93.3	
227	63.5	31.8	95.3	





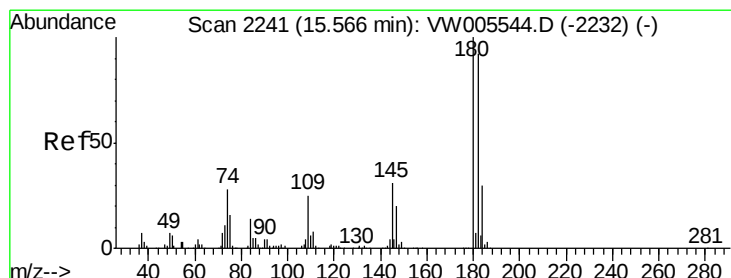
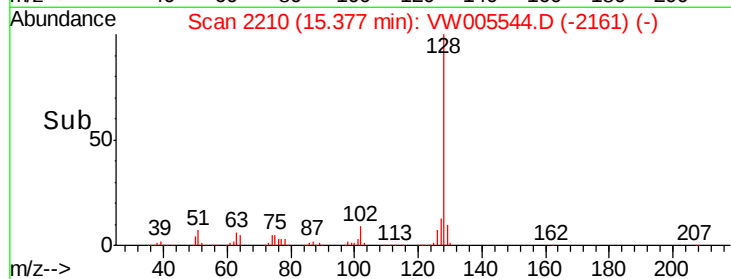
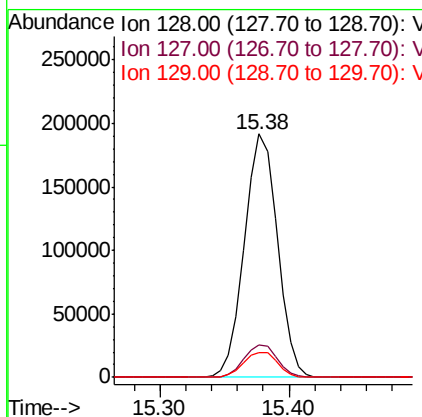
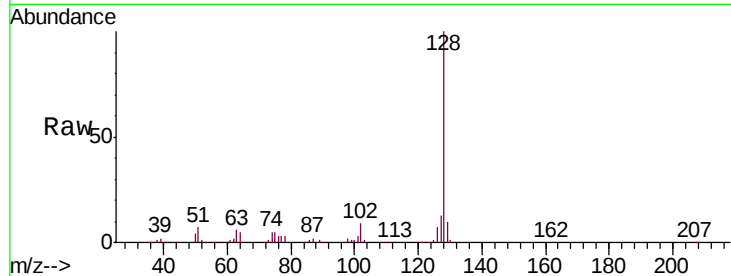
#95
Naphthalene
Concen: 55.999 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	339715		
127	13.6	10.9	16.3	
129	10.8	8.6	13.0	

Manual Integrations
APPROVED

apatel
10/2/2018 12:28:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.851 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005544.D
Acq: 20 Sep 2018 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174014		
182	94.6	47.3	141.9	
145	31.9	16.0	47.9	

