

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092118\
 Data File : VW005542.D
 Acq On : 20 Sep 2018 21:02
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 9/21/2018 4:21:47 PM

Quant Time: Sep 21 05:42:29 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	7.96	168	218191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	335215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	27231	11.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.26%	
35) Dibromofluoromethane	7.88	113	22327	11.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.02%	
50) Toluene-d8	10.33	98	88221	10.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.38%	
62) 4-Bromofluorobenzene	12.62	95	33082	10.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16656	8.291	ug/l	88
3) Chloromethane	2.21	50	19271	7.884	ug/l	97
4) Vinyl Chloride	2.37	62	22912	9.669	ug/l	99
5) Bromomethane	2.78	94	14515	8.342	ug/l	98
6) Chloroethane	2.93	64	14340	10.156	ug/l	93
7) Trichlorofluoromethane	3.26	101	17150	5.776	ug/l	97
8) Diethyl Ether	3.68	74	11181	11.475	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	21839	11.445	ug/l	99
10) Methyl Iodide	4.27	142	33106	15.704	ug/l	99
11) Tert butyl alcohol	5.17	59	8399m	52.225	ug/l	
12) 1,1-Dichloroethene	4.03	96	20978	12.023	ug/l	89
13) Acrolein	3.89	56	6379	60.383	ug/l	99
14) Allyl chloride	4.67	41	35345	10.986	ug/l	100
15) Acrylonitrile	5.37	53	25182	56.998	ug/l	98
16) Acetone	4.12	43	26817	70.424	ug/l	98
17) Carbon Disulfide	4.38	76	65245	10.844	ug/l	98
18) Methyl Acetate	4.67	43	12446	11.223	ug/l #	75
19) Methyl tert-butyl Ether	5.43	73	31845	7.316	ug/l	97
20) Methylene Chloride	4.92	84	28909	10.628	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	22572	10.916	ug/l	97
22) Diisopropyl ether	6.32	45	67150	10.675	ug/l	98
23) Vinyl Acetate	6.26	43	189265	52.667	ug/l	99
24) 1,1-Dichloroethane	6.21	63	43024	11.186	ug/l	95
25) 2-Butanone	7.17	43	34121	61.468	ug/l	97
26) 2,2-Dichloropropane	7.17	77	32135	9.753	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	24351	10.822	ug/l	96
28) Bromochloromethane	7.52	49	18309	12.229	ug/l	98
29) Tetrahydrofuran	7.53	42	20350	57.356	ug/l	99
30) Chloroform	7.68	83	44408	11.123	ug/l	96
31) Cyclohexane	7.96	56	43017	11.714	ug/l #	92
32) 1,1,1-Trichloroethane	7.88	97	40354	11.066	ug/l	99
36) 1,1-Dichloropropene	8.09	75	34553	10.715	ug/l	98
37) Ethyl Acetate	7.26	43	14420	10.910	ug/l	97
38) Carbon Tetrachloride	8.07	117	37449	11.072	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38979	10.425	ug/l	93
40) Benzene	8.33	78	98714	10.626	ug/l	98
41) Methacrylonitrile	7.49	41	8410	10.623	ug/l	98
42) 1,2-Dichloroethane	8.40	62	31654	10.784	ug/l	98
43) Isopropyl Acetate	8.43	43	28928	11.283	ug/l	100
44) Trichloroethene	9.10	130	25234	10.551	ug/l	94
45) 1,2-Dichloropropane	9.37	63	23801	10.642	ug/l	99
46) Dibromomethane	9.46	93	12116	10.962	ug/l	98
47) Bromodichloromethane	9.65	83	31969	10.707	ug/l	98
48) Methyl methacrylate	9.44	41	12381	9.763	ug/l	98
49) 1,4-Dioxane	9.45	88	3817	212.438	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	72179	55.042	ug/l	97
52) Toluene	10.40	92	60031	9.685	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	30918	10.342	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	34315	10.142	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17420	10.672	ug/l	97
56) Ethyl methacrylate	10.65	69	19380	9.485	ug/l	98
57) 1,3-Dichloropropane	10.93	76	30364	10.799	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	45900	49.393	ug/l	98
59) 2-Hexanone	10.98	43	46533	52.290	ug/l	97
60) Dibromochloromethane	11.13	129	19966	10.182	ug/l	96
61) 1,2-Dibromoethane	11.24	107	16065	10.937	ug/l	95
64) Tetrachloroethene	10.87	164	22654	9.806	ug/l	91
65) Chlorobenzene	11.66	112	67586	10.079	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.74	131	23911	10.910	ug/l	99
67) Ethyl Benzene	11.74	91	113422	9.615	ug/l	93
68) m/p-Xylenes	11.85	106	87817	19.387	ug/l	98
69) o-Xylene	12.17	106	40206	9.535	ug/l	99
70) Styrene	12.19	104	66213	9.477	ug/l	99
71) Bromoform	12.35	173	12429	10.735	ug/l #	99
73) Isopropylbenzene	12.47	105	113668	9.424	ug/l	99
74) N-amyl acetate	12.28	43	25711	10.053	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	19882	11.070	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	17367m	12.171	ug/l	
77) Bromobenzene	12.76	156	27727	9.754	ug/l	99
78) n-propylbenzene	12.81	91	140549	9.659	ug/l	99
79) 2-Chlorotoluene	12.90	91	82134	9.602	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	101818	9.703	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6276	11.214	ug/l	97
82) 4-Chlorotoluene	13.00	91	86827	9.608	ug/l	99
83) tert-Butylbenzene	13.21	119	82891	9.497	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	101770	9.544	ug/l	99
85) sec-Butylbenzene	13.39	105	124081	9.838	ug/l	100
86) p-Isopropyltoluene	13.51	119	110771	9.815	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	58273	10.094	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	57751	10.173	ug/l	98
89) n-Butylbenzene	13.83	91	103200	9.831	ug/l	97
90) Hexachloroethane	14.10	117	20094	10.308	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	49994	9.927	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3767	11.060	ug/l	97

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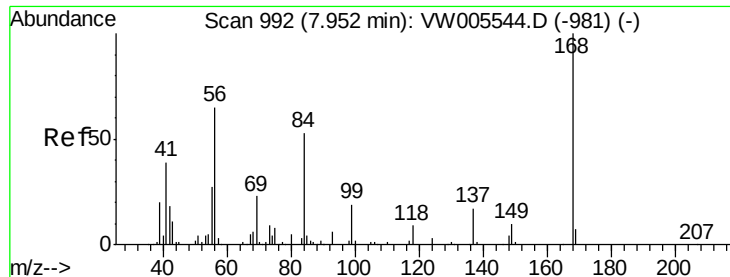
Manual Integrations
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QLast Update : Fri Sep 21 04:37:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	34670	10.238	ug/l	98
94) Hexachlorobutadiene	15.25	225	24144	10.973	ug/l	99
95) Naphthalene	15.38	128	55615	9.803	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	30737	10.360	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:168 Resp: 218191

Ion Ratio Lower Upper

168 100

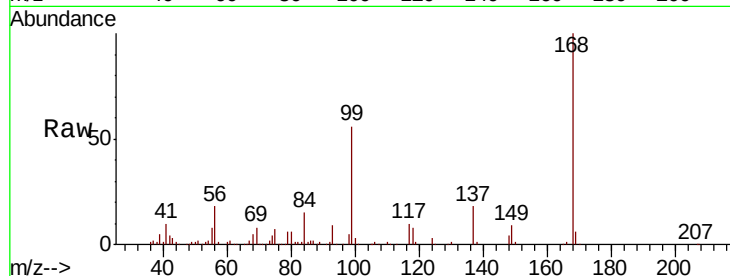
99 56.2 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

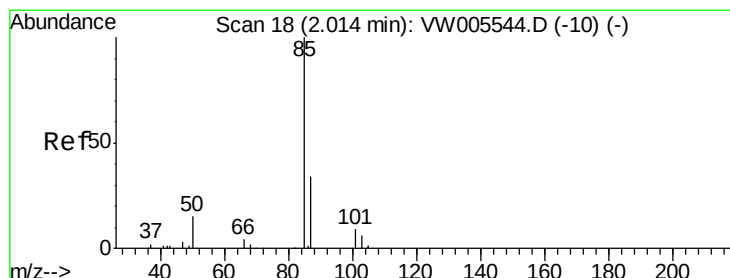
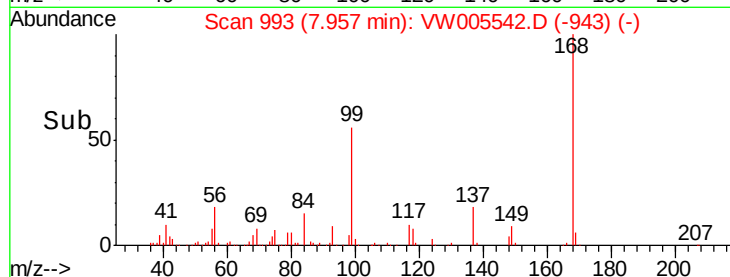
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 8.291 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW005542.D

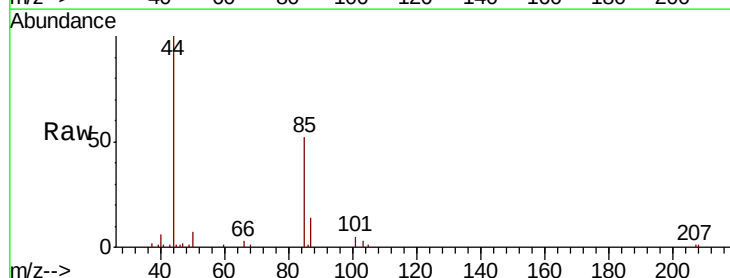
Acq: 20 Sep 2018 21:02

Tgt Ion: 85 Resp: 16656

Ion Ratio Lower Upper

85 100

87 27.1 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

5000

4000

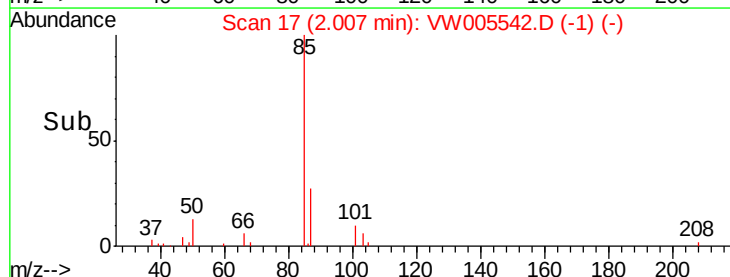
3000

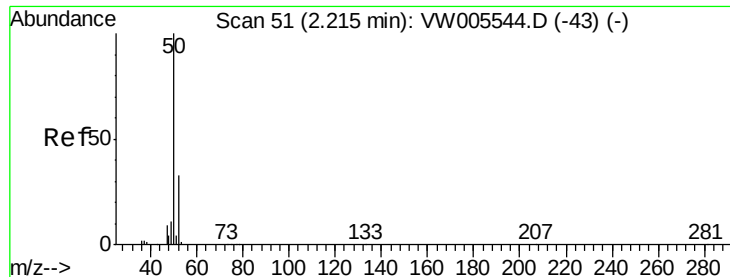
2000

1000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 7.884 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 50 Resp: 19271

Ion Ratio Lower Upper

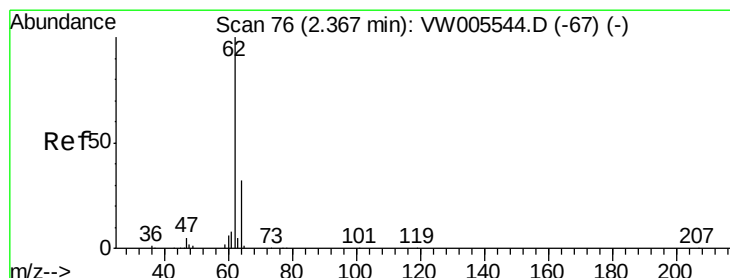
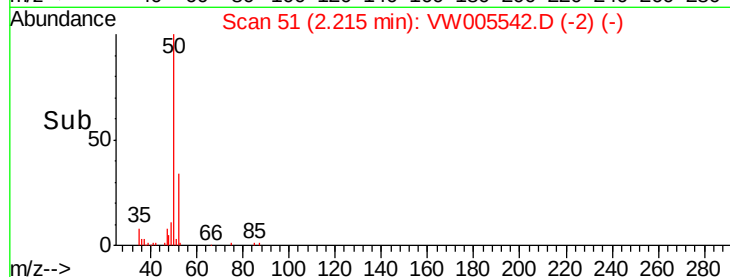
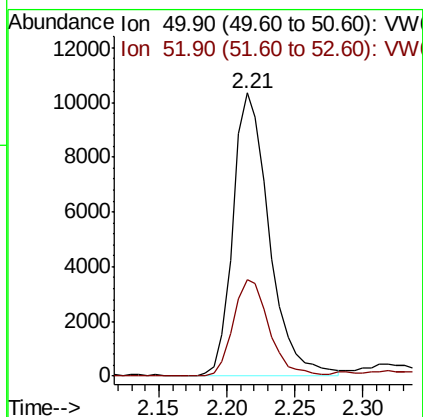
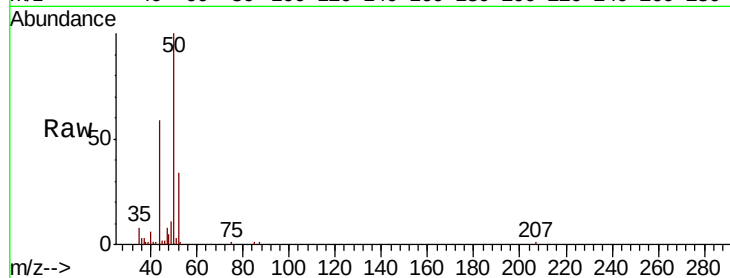
50 100

52 34.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 9.669 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005542.D

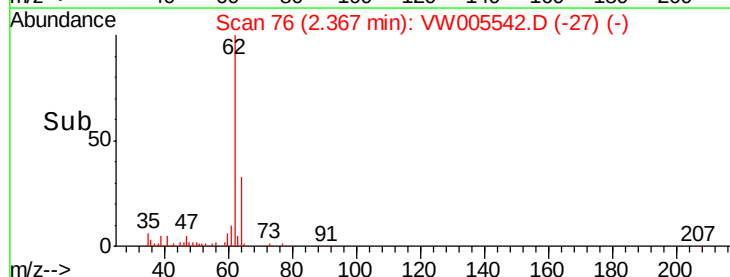
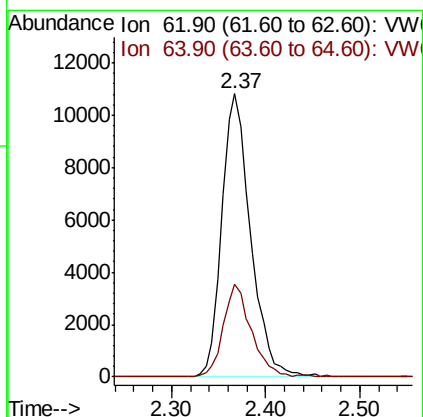
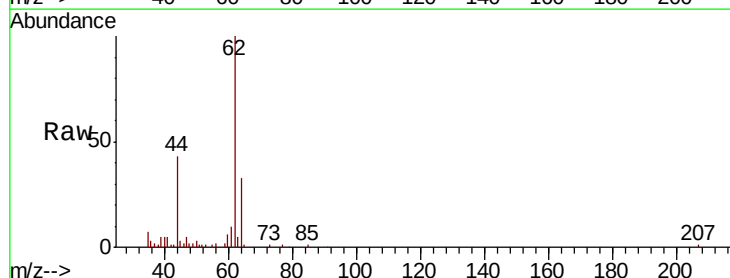
Acq: 20 Sep 2018 21:02

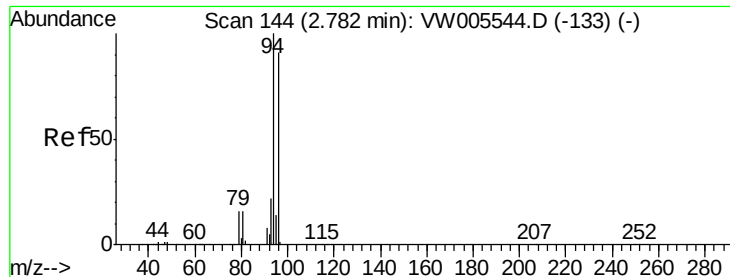
Tgt Ion: 62 Resp: 22912

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 8.342 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 94 Resp: 14515

Ion Ratio Lower Upper

94 100

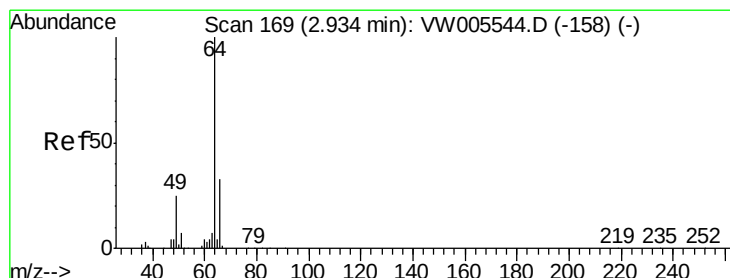
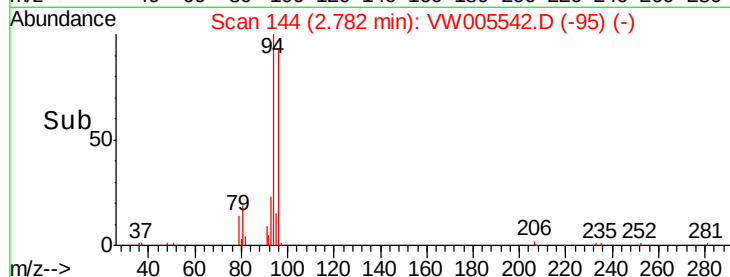
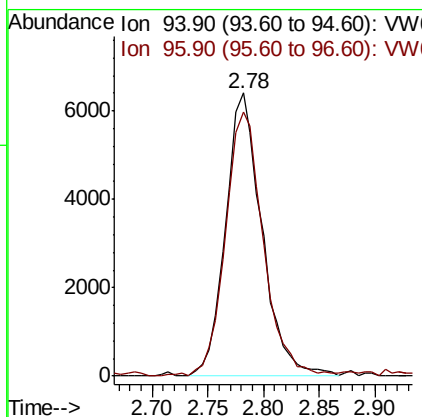
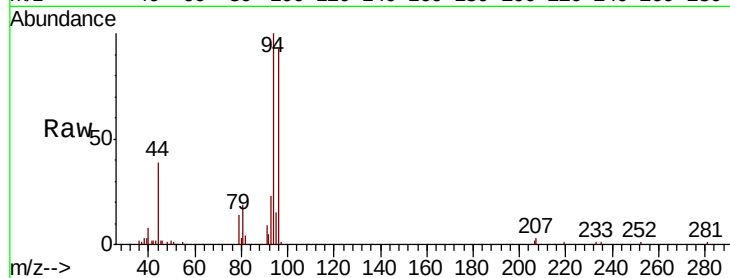
96 93.4 73.1 109.7

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#6

Chloroethane

Concen: 10.156 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005542.D

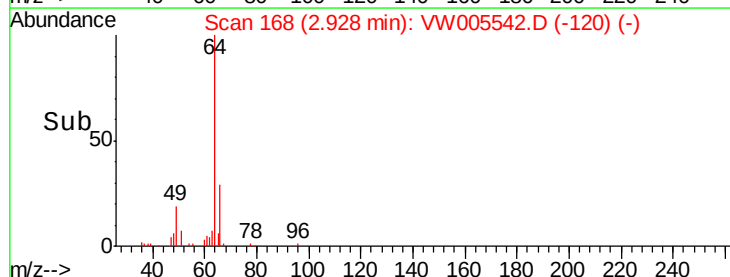
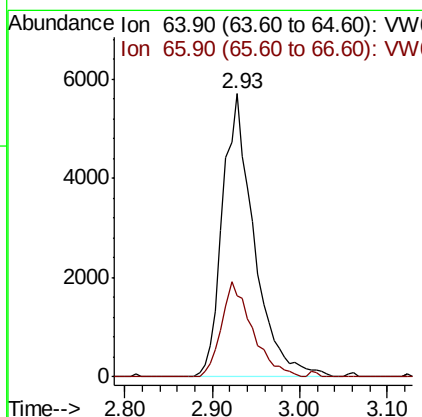
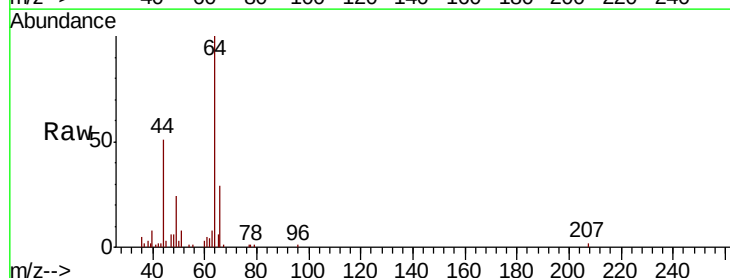
Acq: 20 Sep 2018 21:02

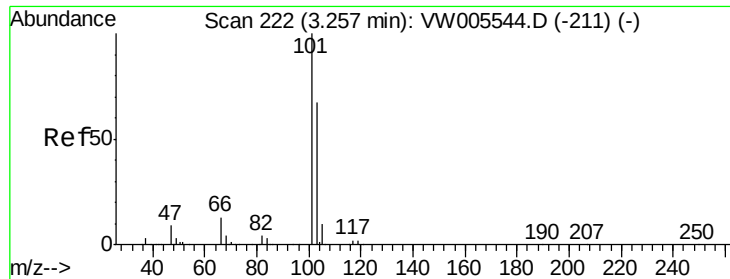
Tgt Ion: 64 Resp: 14340

Ion Ratio Lower Upper

64 100

66 28.6 26.0 39.0





#7

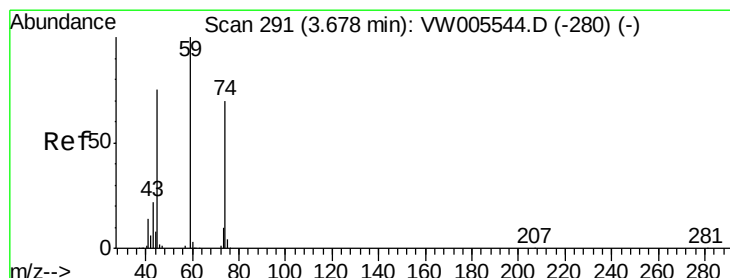
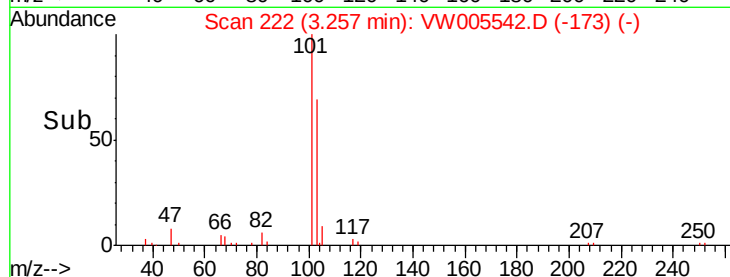
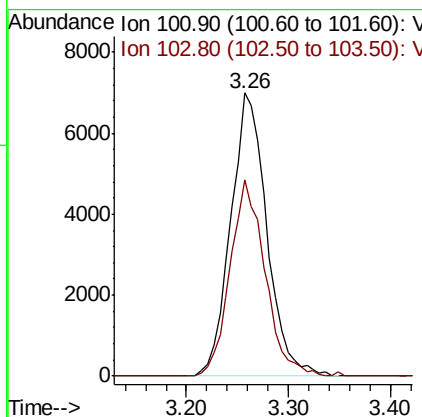
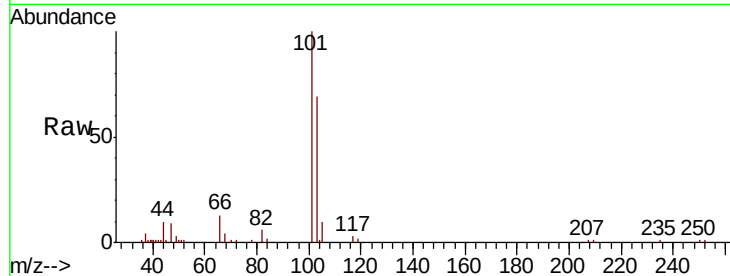
Trichlorofluoromethane
 Concen: 5.776 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

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 VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.1	53.2	79.8

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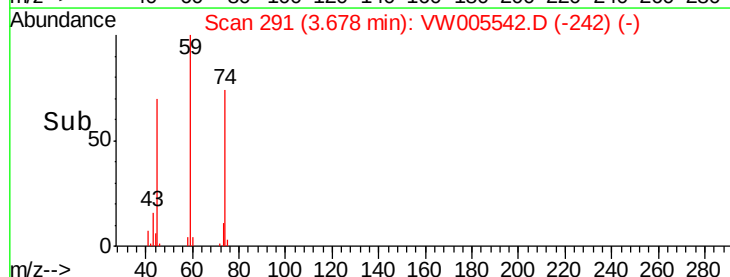
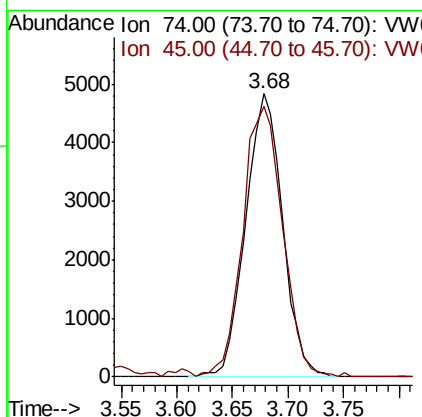
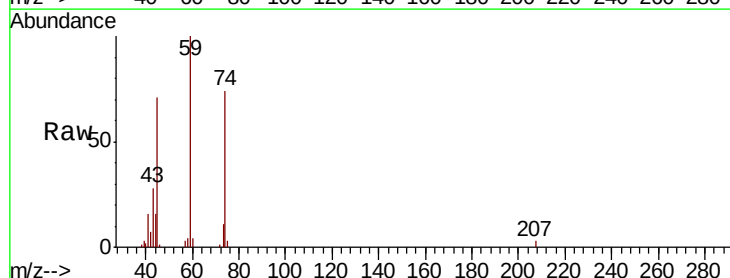
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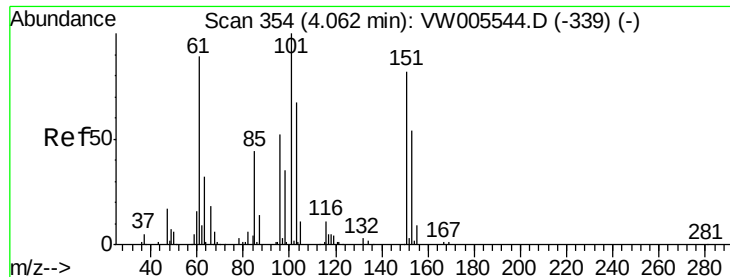


#8

Diethyl Ether
 Concen: 11.475 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.2	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.445 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

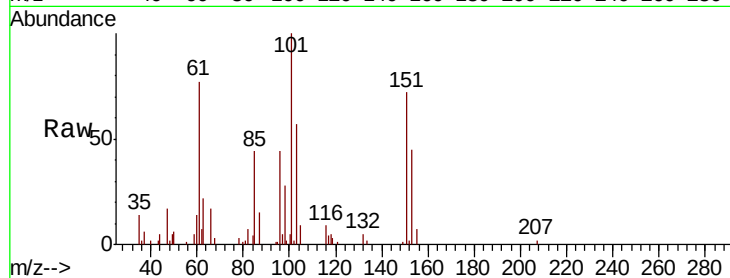
ClientSampleId :

VSTDIC010

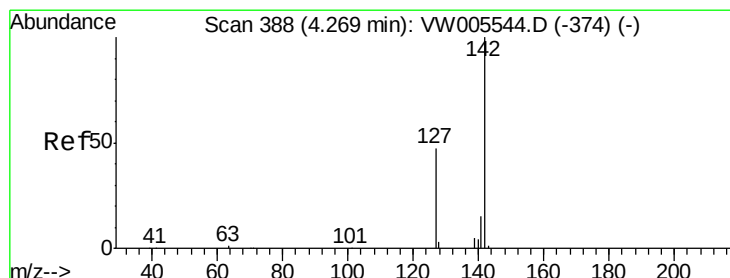
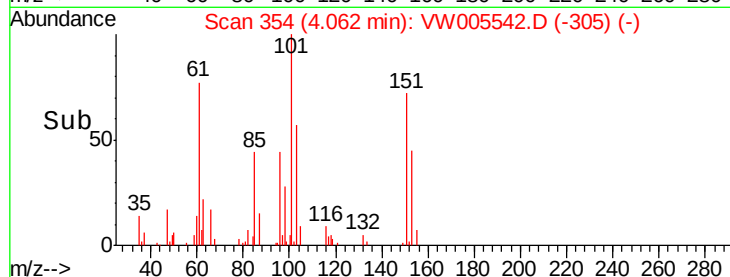
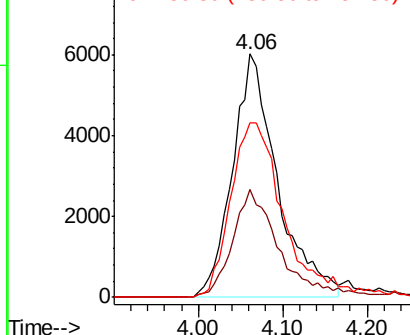
Tot Ion:	101	Resp:	21839
Ion Ratio	Lower	Upper	
101	100		
85	46.2	36.4	54.6
151	83.5	65.8	98.6

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



#10

Methyl Iodide

Concen: 15.704 ug/l

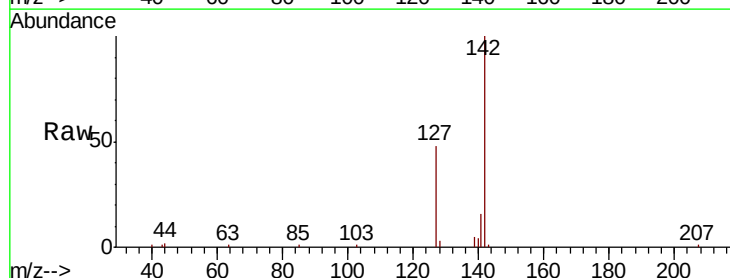
RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

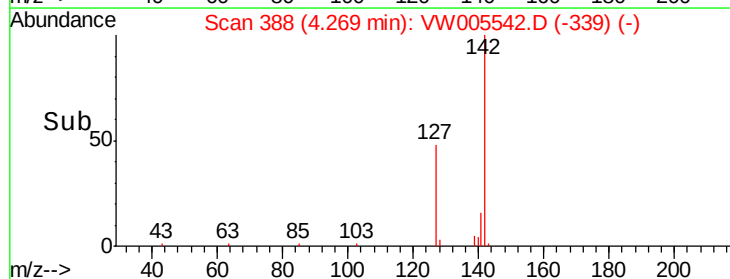
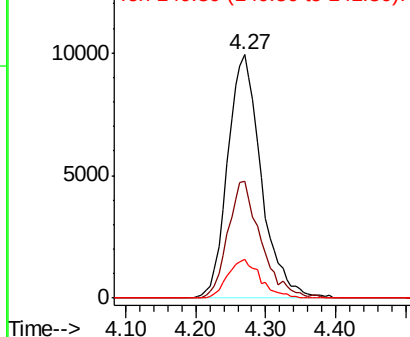
Lab File: VW005542.D

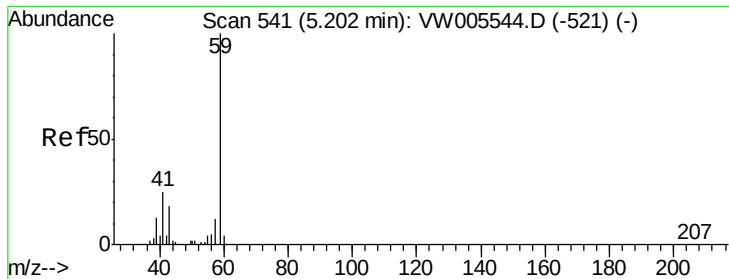
Acq: 20 Sep 2018 21:02

Tgt Ion:	142	Resp:	33106
Ion Ratio	Lower	Upper	
142	100		
127	46.8	37.4	56.0
141	15.5	11.9	17.9



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





#11

Tert butyl alcohol

Concen: 52.225 ug/l m

RT: 5.17 min Scan# 536

Delta R.T. -0.03 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 59 Resp: 8399

Ion Ratio Lower Upper

59 100

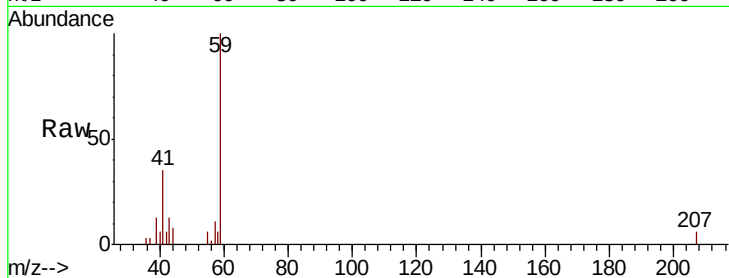
57 9.3 8.3 12.5

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Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

2500

2000

1500

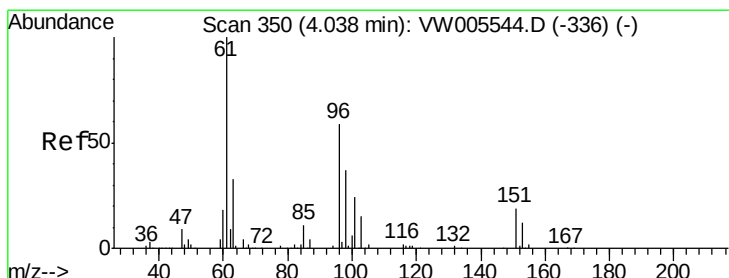
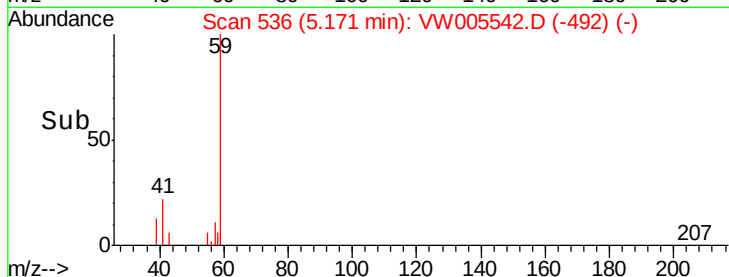
1000

500

0

5.00 5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 12.023 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

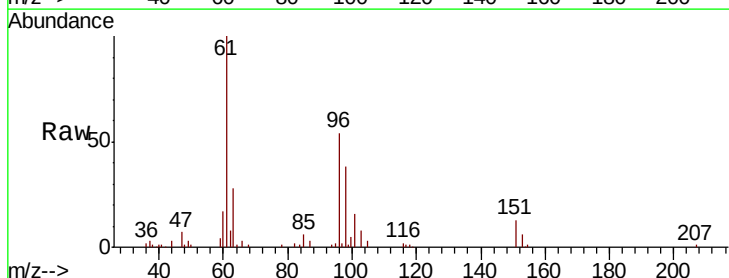
Tgt Ion: 96 Resp: 20978

Ion Ratio Lower Upper

96 100

61 185.1 135.0 202.6

98 70.2 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

15000

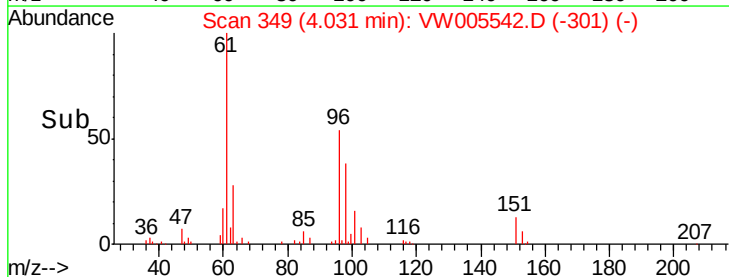
10000

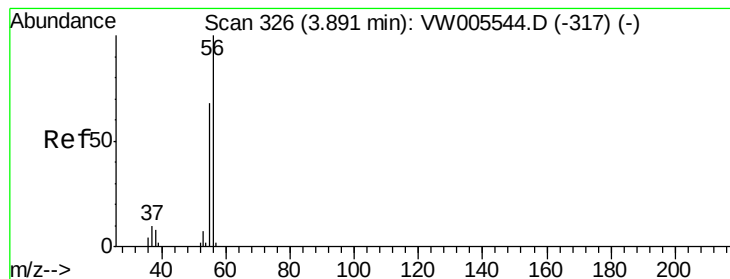
5000

0

3.90 4.00 4.10 4.20

Time-->





#13

Acrolein

Concen: 60.383 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 56 Resp: 6379

Ion Ratio Lower Upper

56 100

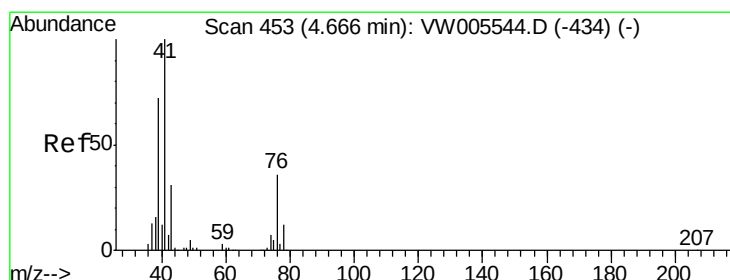
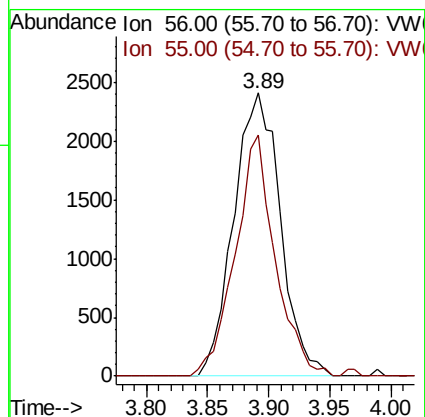
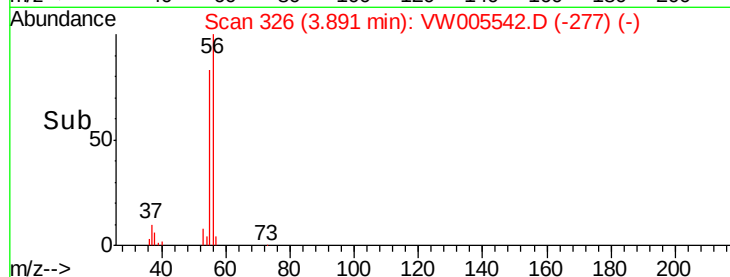
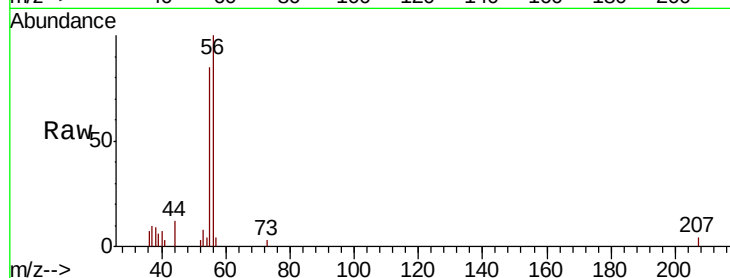
55 72.9 57.8 86.8

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#14

Allyl chloride

Concen: 10.986 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

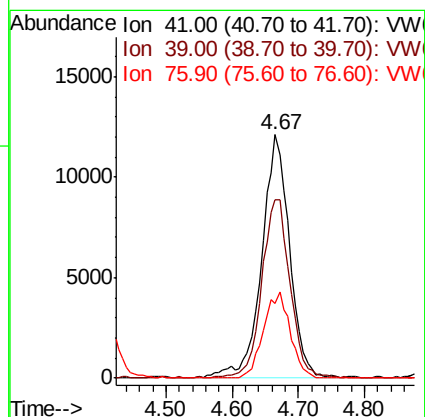
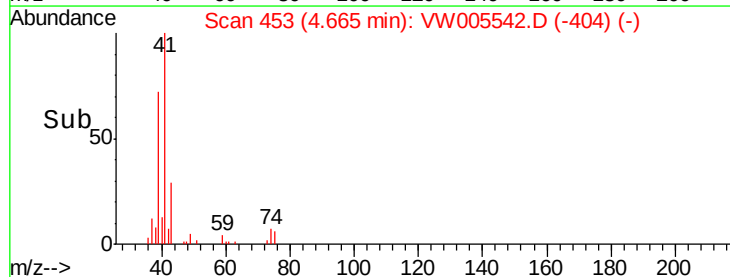
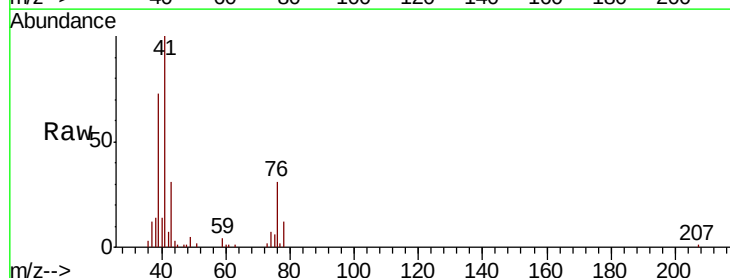
Tgt Ion: 41 Resp: 35345

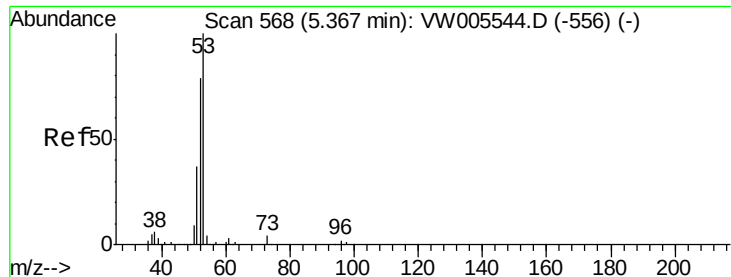
Ion Ratio Lower Upper

41 100

39 74.5 59.6 89.4

76 34.0 27.7 41.5





#15

Acrylonitrile

Concen: 56.998 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

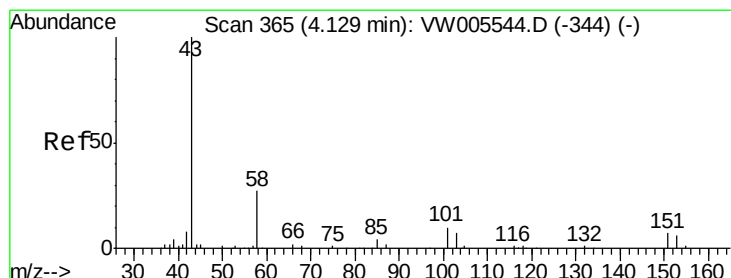
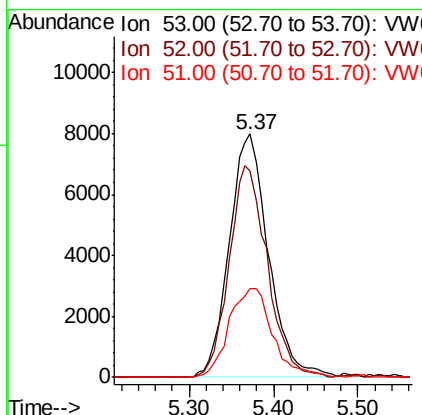
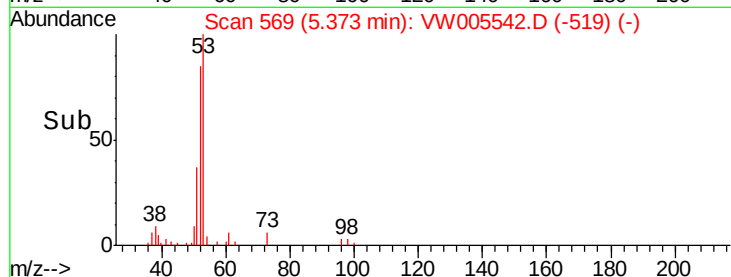
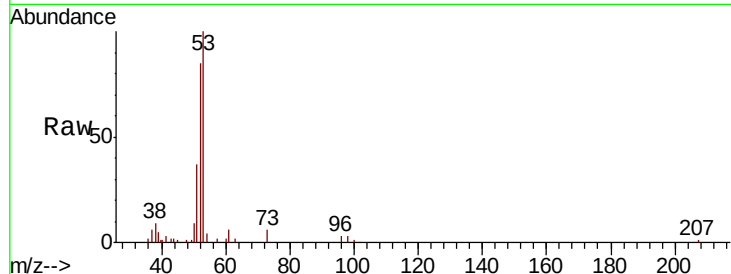
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	25182
Ion	Ratio	Lower	Upper
53	100		
52	84.6	66.5	99.7
51	40.5	30.6	46.0

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#16

Acetone

Concen: 70.424 ug/l

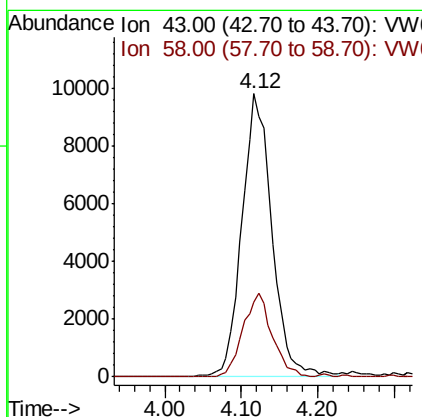
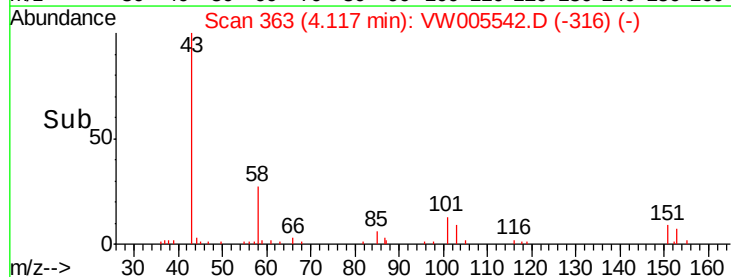
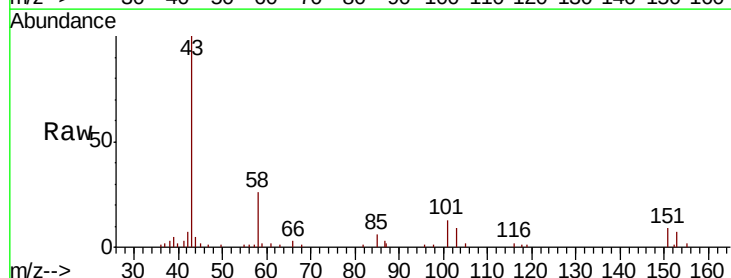
RT: 4.12 min Scan# 363

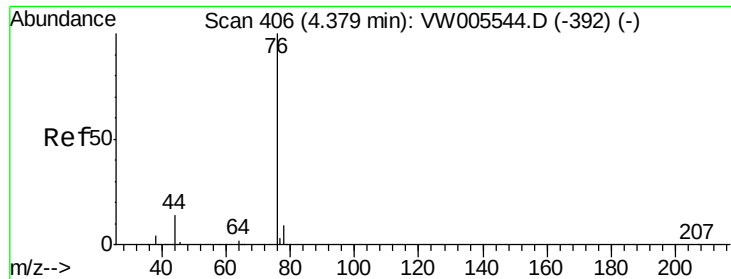
Delta R.T. -0.01 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion:	43	Resp:	26817
Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.8	32.8





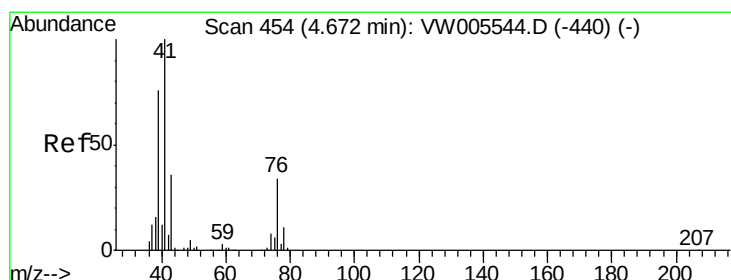
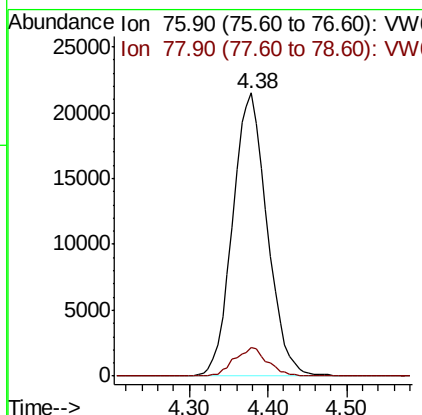
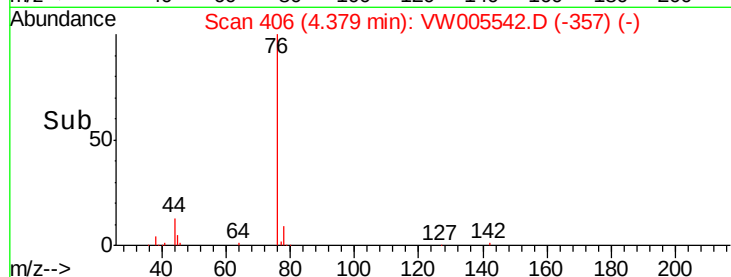
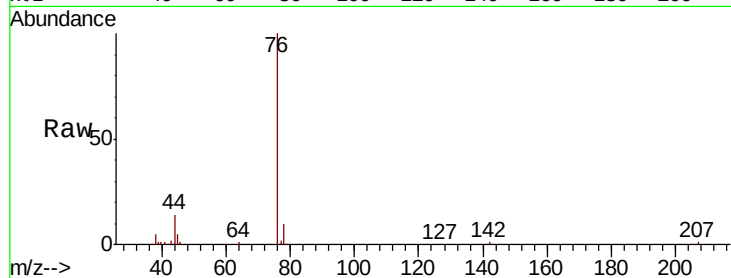
#17
Carbon Disulfide
Concen: 10.844 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.4	11.0

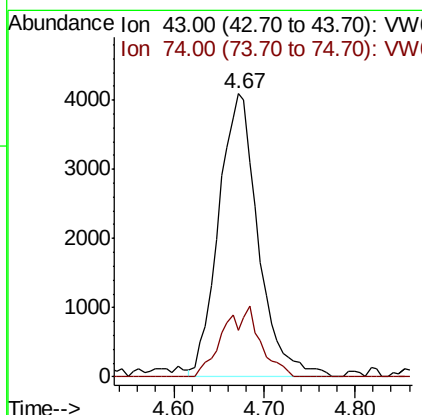
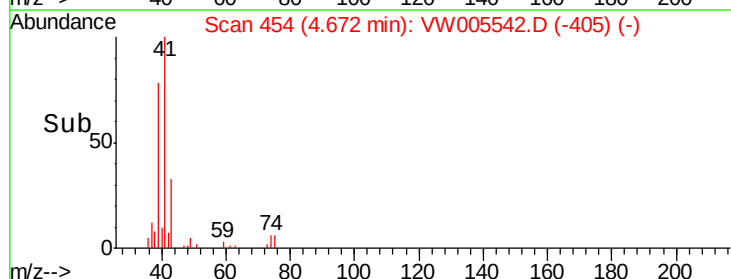
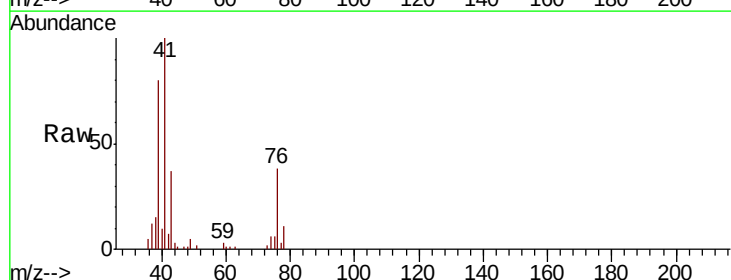
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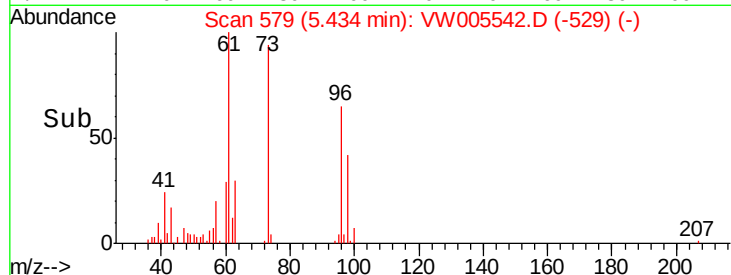
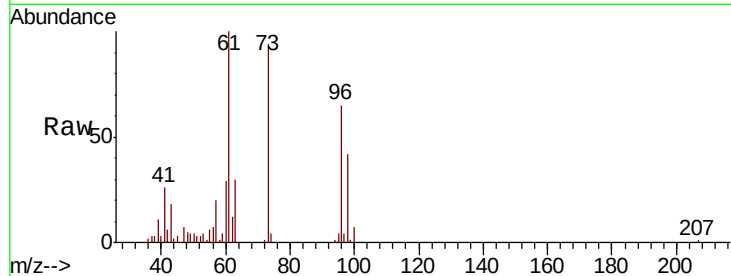
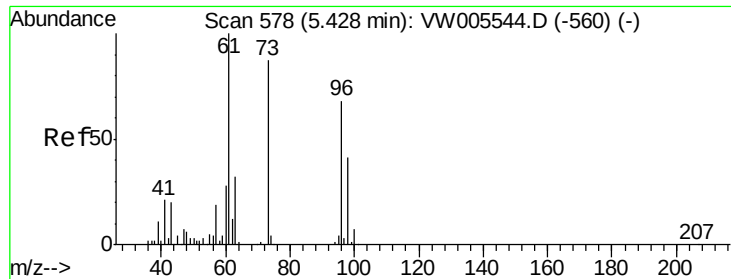
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#18
Methyl Acetate
Concen: 11.223 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	11.7	19.2	28.8#





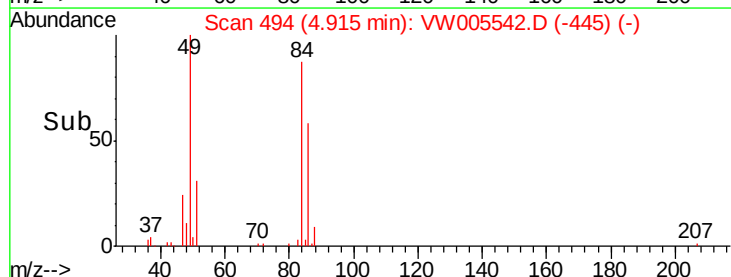
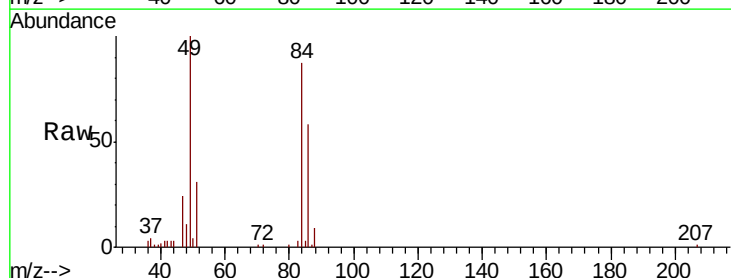
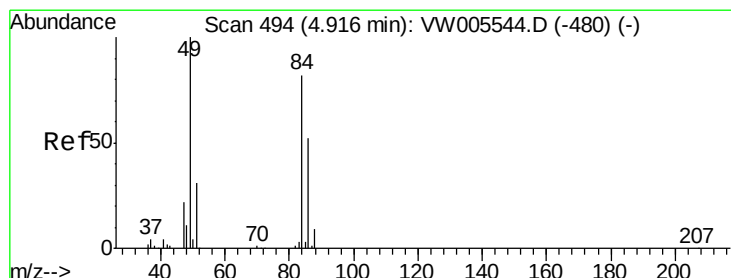
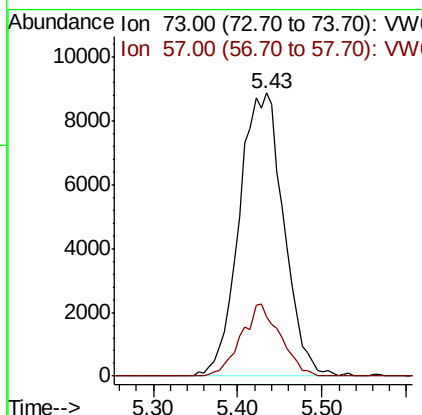
#19
Methyl tert-butyl Ether
Concen: 7.316 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tot Ion	73	Resp	31845
Ion Ratio	100	Lower	Upper
57	20.8	17.6	26.4

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

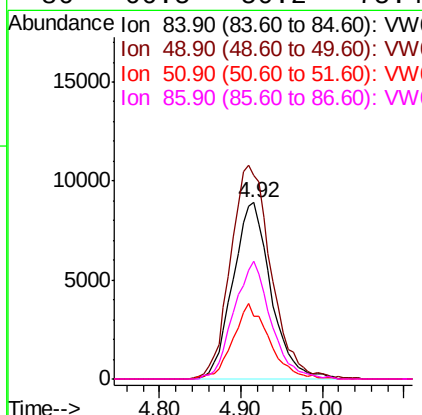
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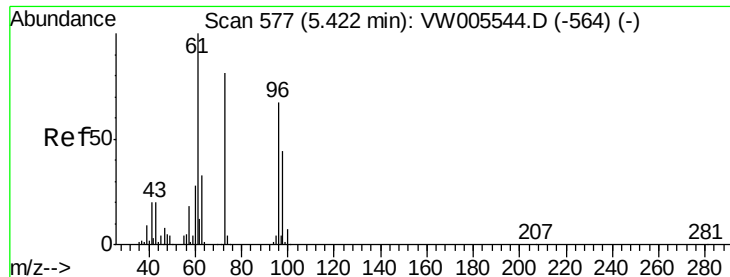
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#20
Methylene Chloride
Concen: 10.628 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	84	Resp	28909
Ion Ratio	100	Lower	Upper
49	115.1	97.0	145.6
51	35.3	30.2	45.2
86	66.5	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 10.916 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

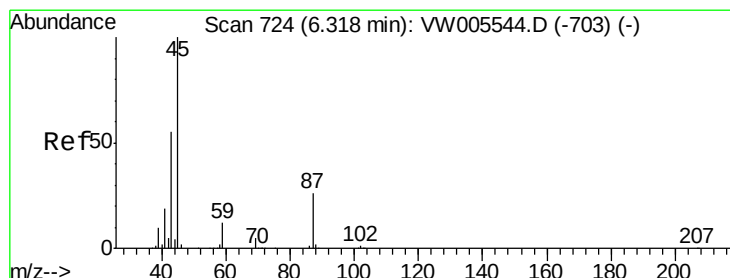
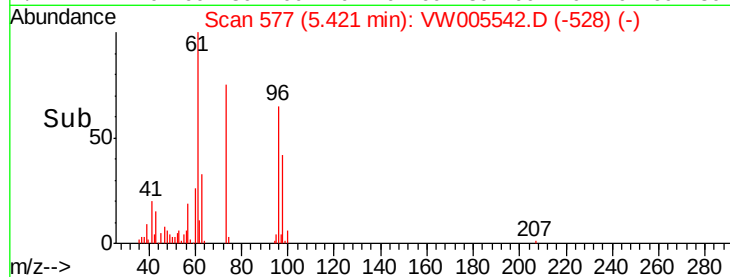
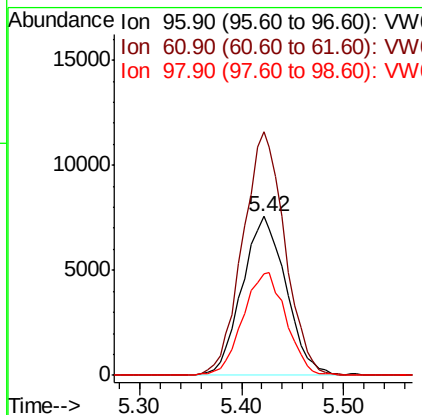
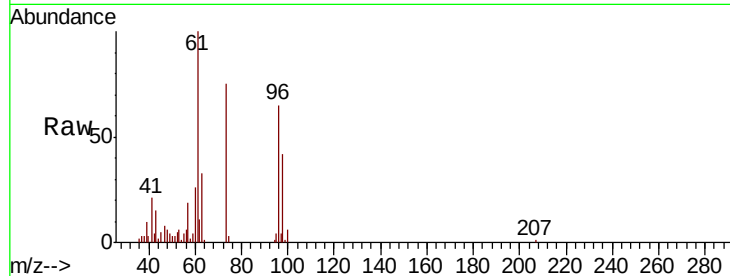
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	22572
Ion	Ratio	Lower	Upper
96	100		
61	153.2	118.9	178.3
98	63.8	52.1	78.1

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#22

Diisopropyl ether

Concen: 10.675 ug/l

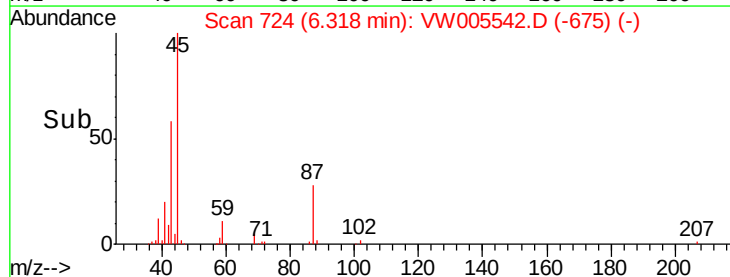
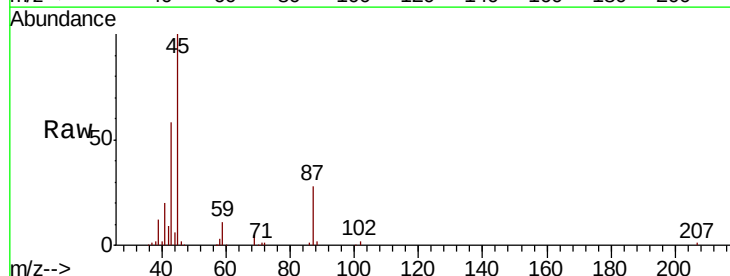
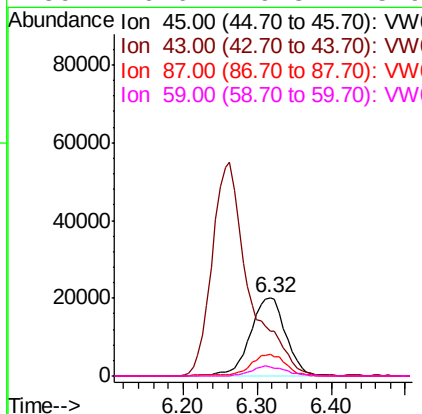
RT: 6.32 min Scan# 724

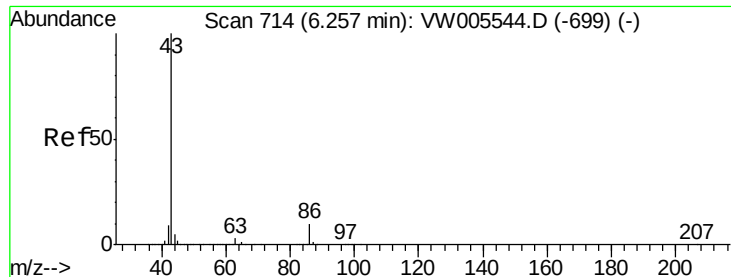
Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion:	45	Resp:	67150
Ion	Ratio	Lower	Upper
45	100		
43	57.0	44.2	66.4
87	27.8	21.4	32.2
59	10.6	9.3	13.9





#23

Vinyl Acetate

Concen: 52.667 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 189265

Ion Ratio Lower Upper

43 100

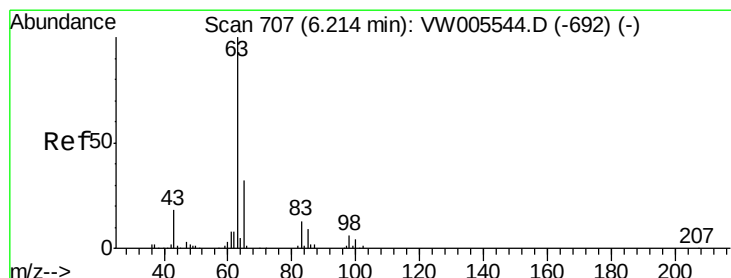
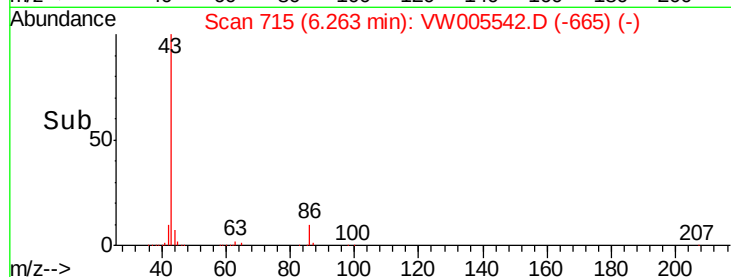
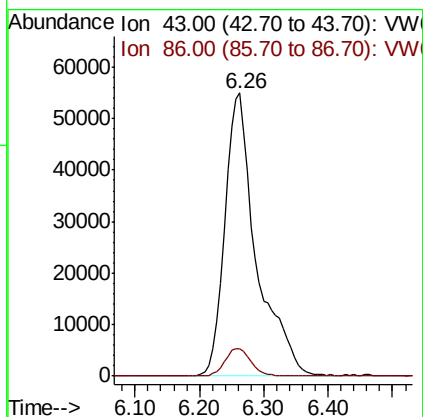
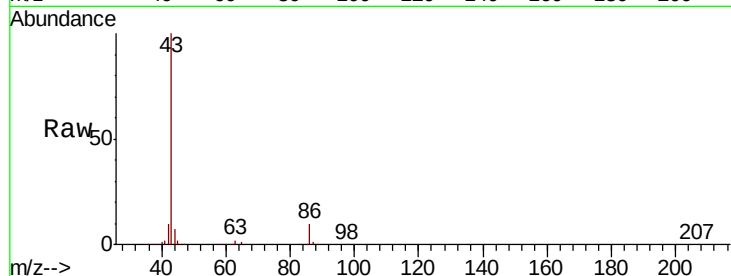
86 9.8 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 11.186 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

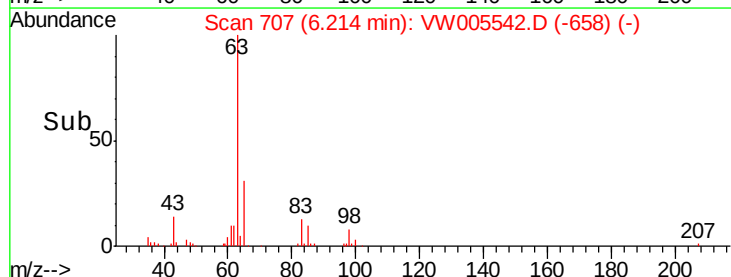
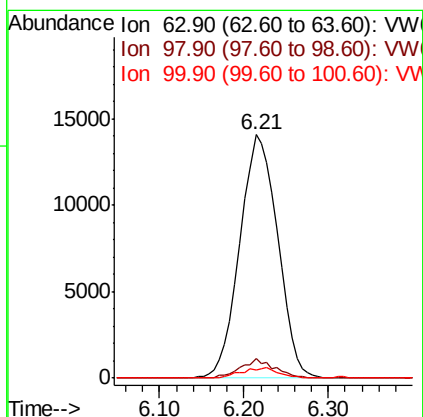
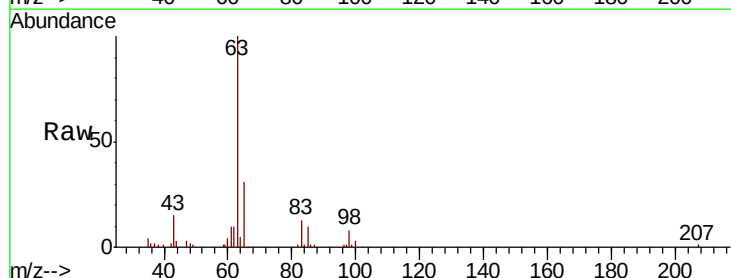
Tgt Ion: 63 Resp: 43024

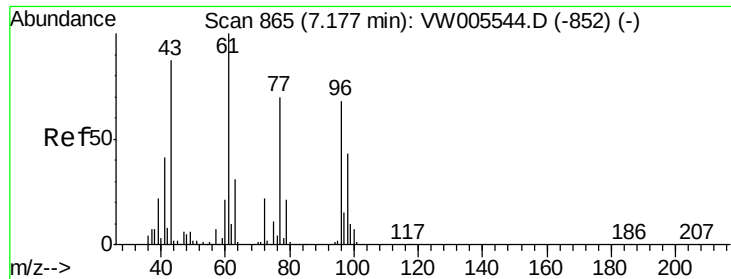
Ion Ratio Lower Upper

63 100

98 8.2 2.9 8.8

100 3.2 2.1 6.2





#25

2-Butanone

Concen: 61.468 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 34121

Ion Ratio Lower Upper

43 100

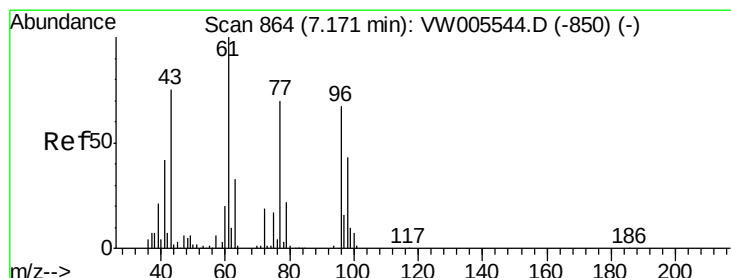
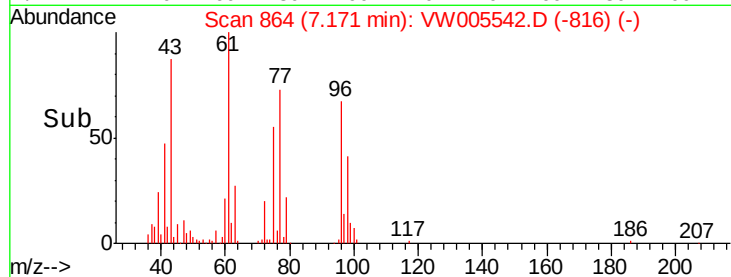
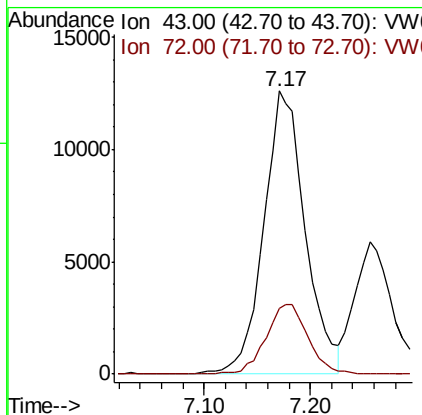
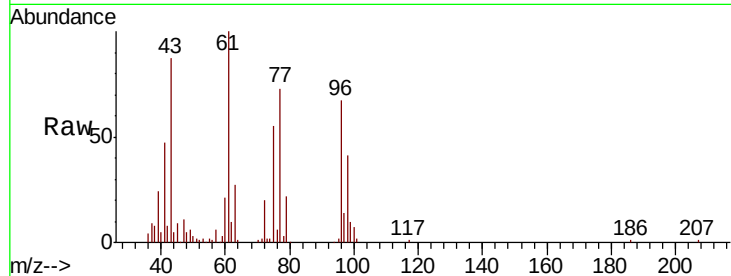
72 23.4 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 9.753 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005542.D

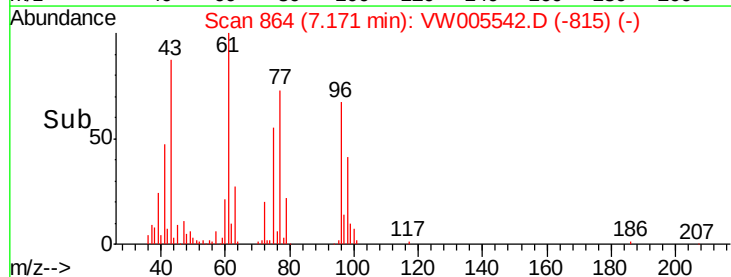
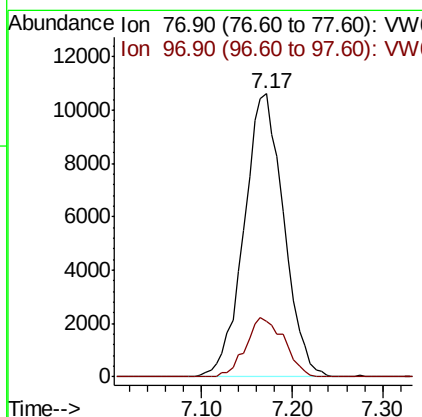
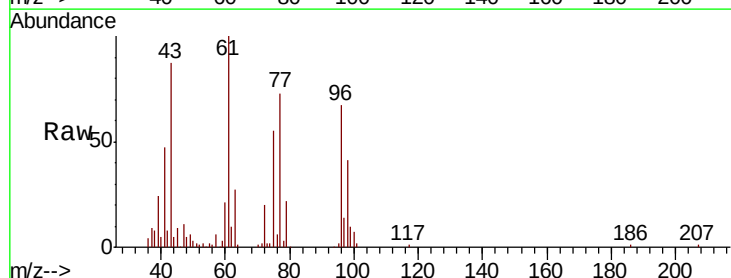
Acq: 20 Sep 2018 21:02

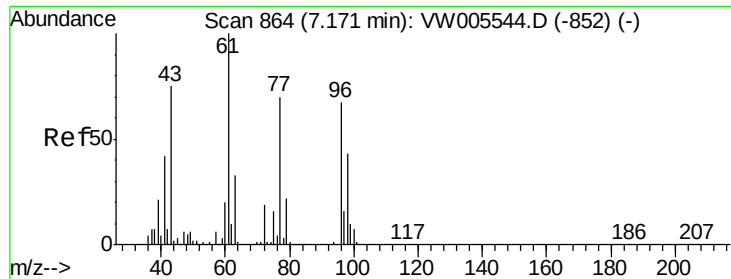
Tgt Ion: 77 Resp: 32135

Ion Ratio Lower Upper

77 100

97 20.2 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 10.822 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

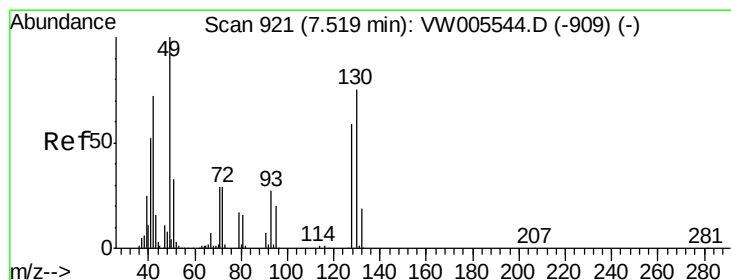
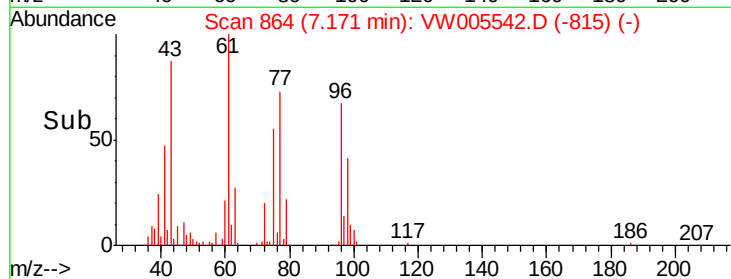
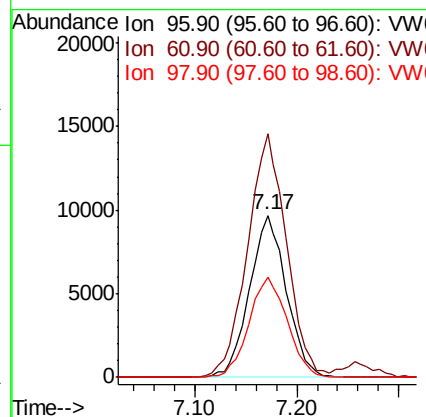
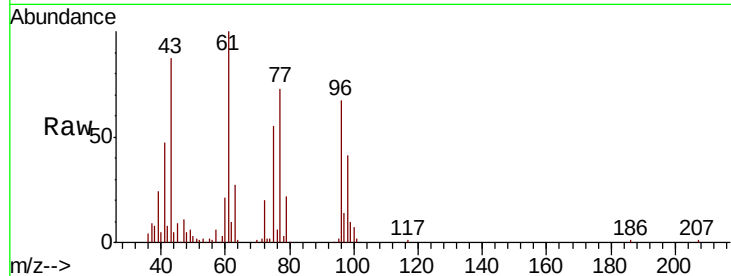
VSTDIC010

Tot Ion:	96	Resp:	24351
Ion	Ratio	Lower	Upper
96	100		
61	158.5	0.0	303.4
98	64.0	0.0	127.2

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#28

Bromochloromethane

Concen: 12.229 ug/l

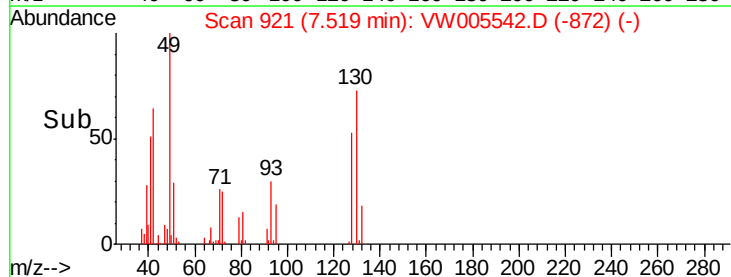
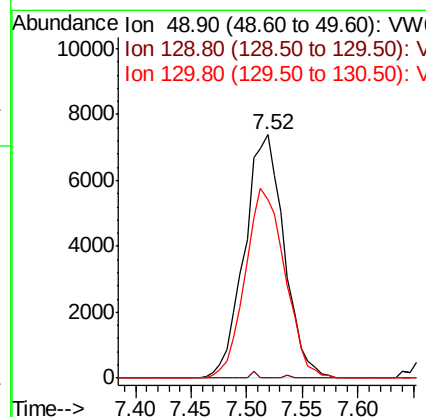
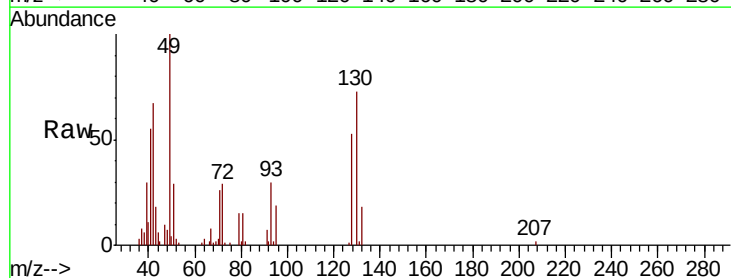
RT: 7.52 min Scan# 921

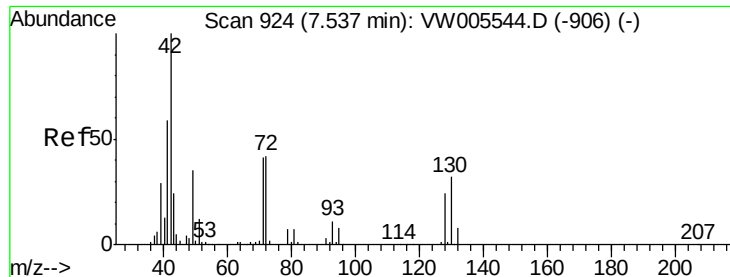
Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion:	49	Resp:	18309
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	1.4
130	78.2	61.3	91.9





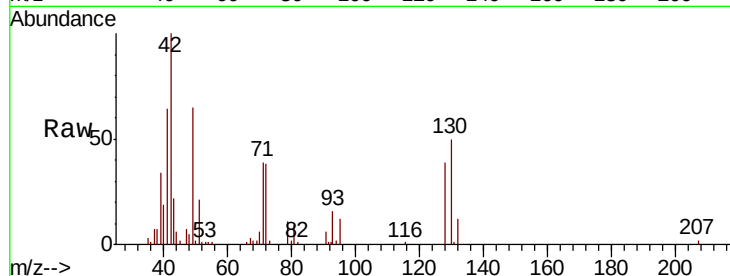
#29
Tetrahydrofuran
Concen: 57.356 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.6	50.4
71	39.1	31.8	47.6

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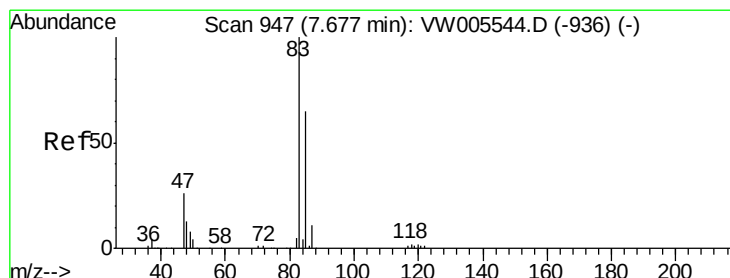
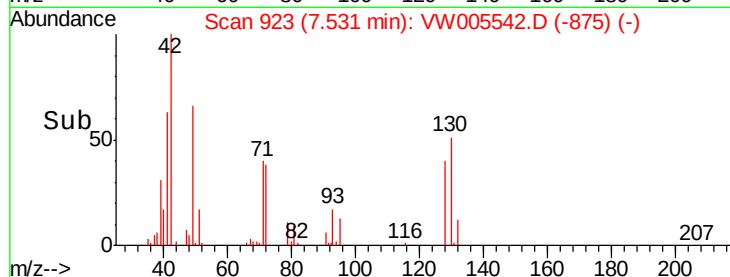
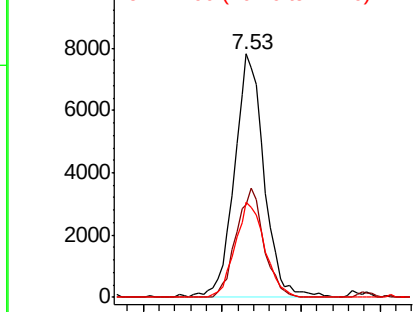


Abundance

Ion 42.00 (41.70 to 42.70): VW

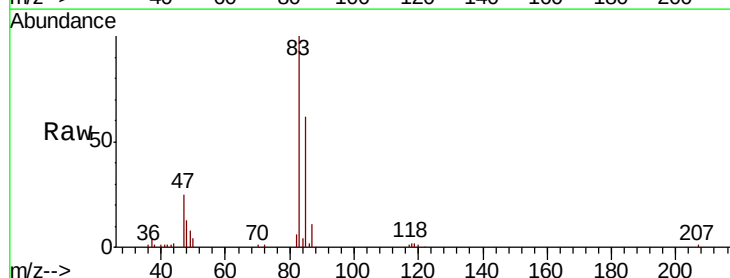
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 11.123 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

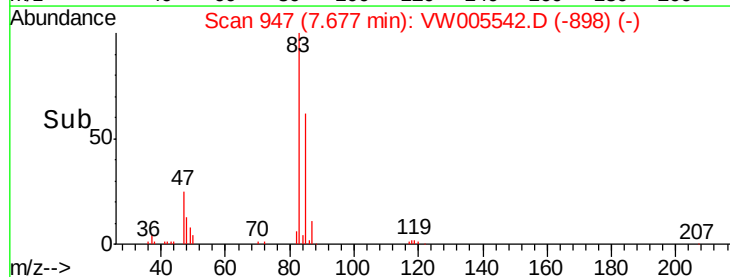
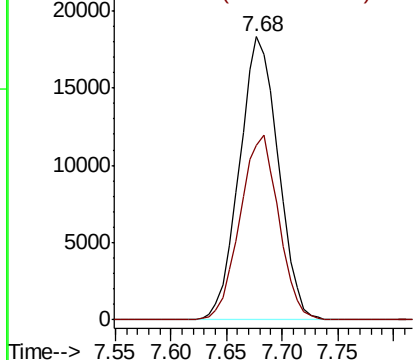
Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.8	77.6

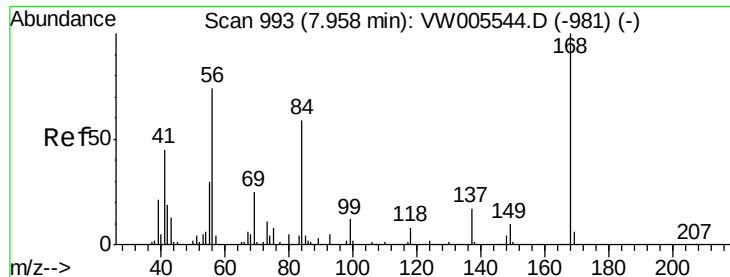


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





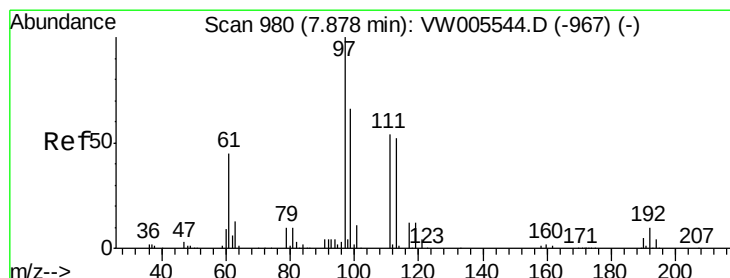
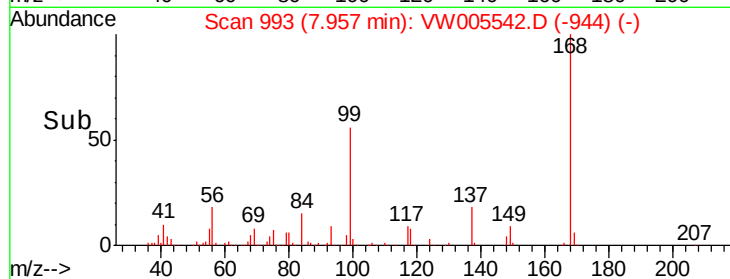
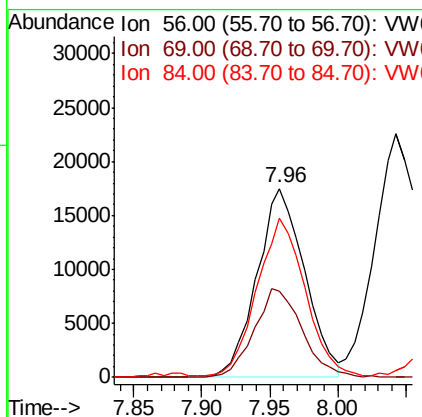
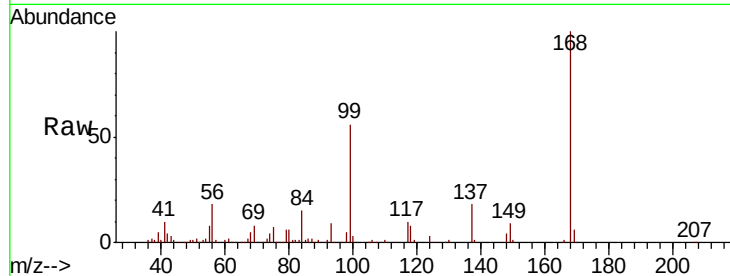
#31
Cyclohexane
Concen: 11.714 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	45.6	27.0	40.4#
84	83.1	64.2	96.4

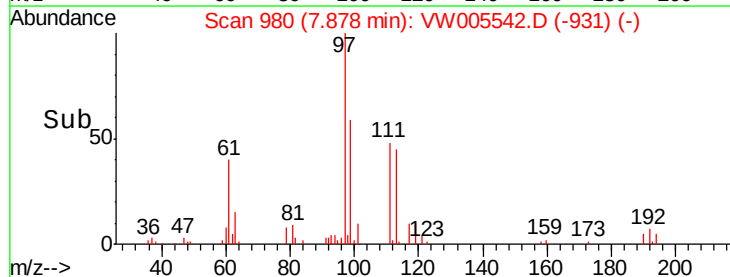
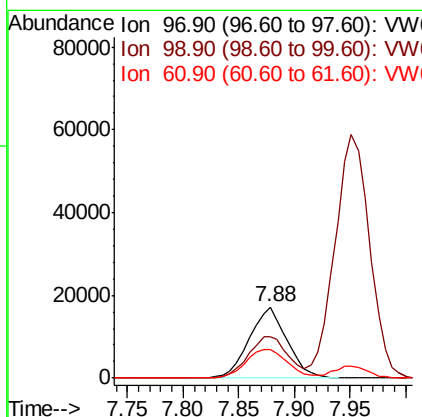
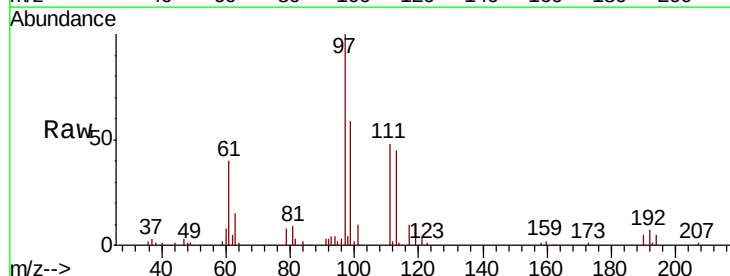
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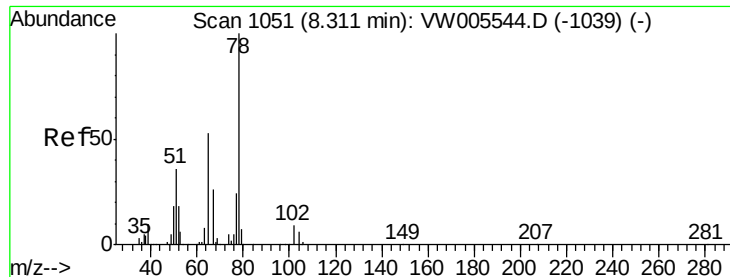
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#32
1,1,1-Trichloroethane
Concen: 11.066 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.0	76.6
61	45.1	36.2	54.2





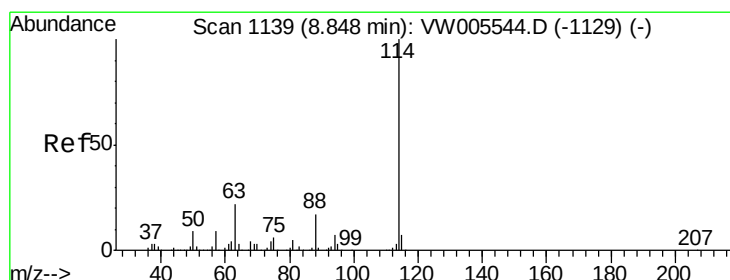
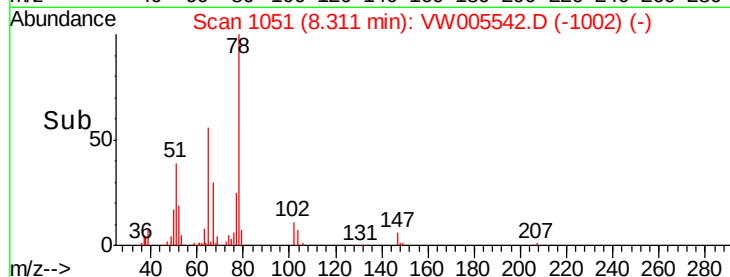
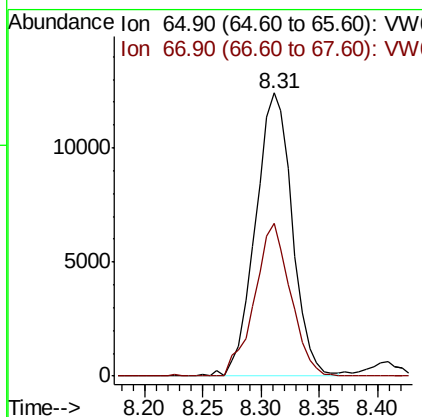
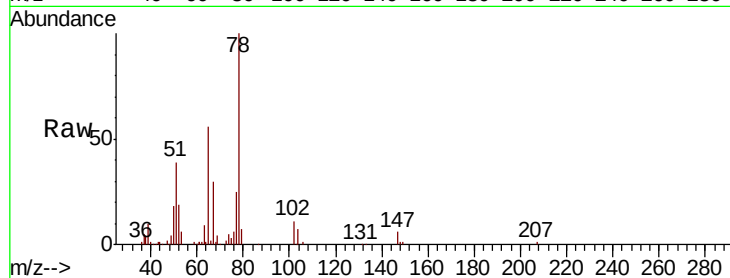
#33
 1,2-Dichloroethane-d4
 Concen: 11.625 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	100.6

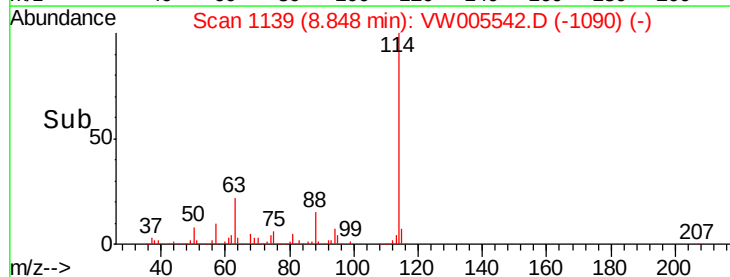
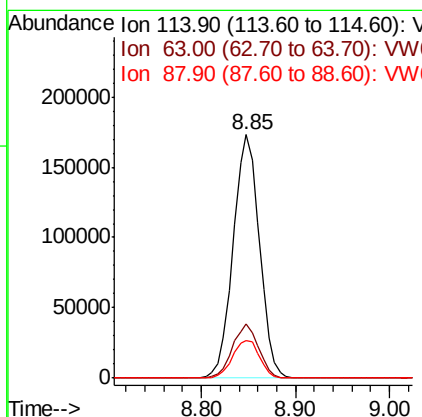
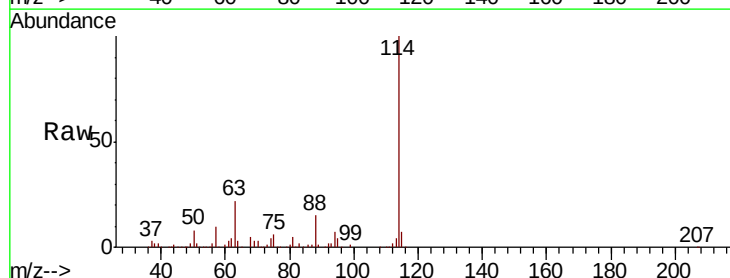
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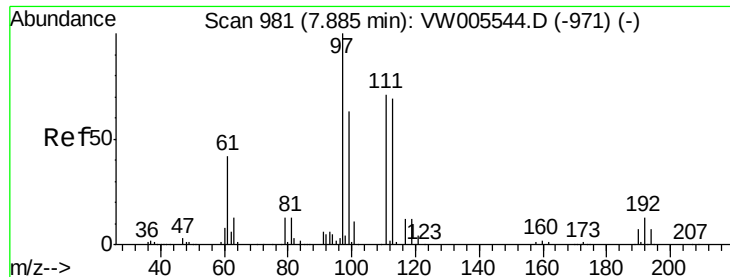
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.0
88	15.3	0.0	33.0





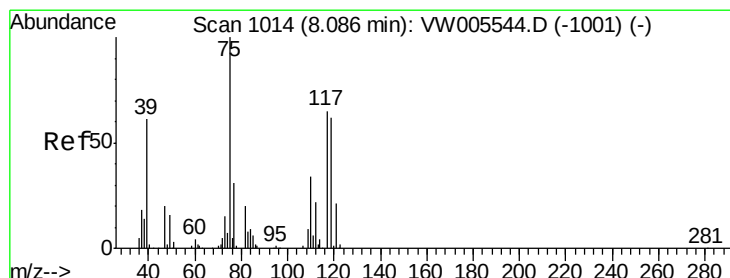
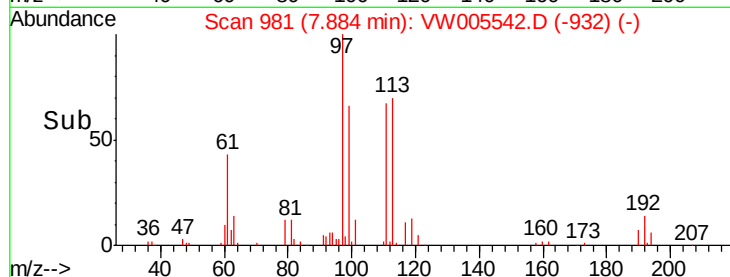
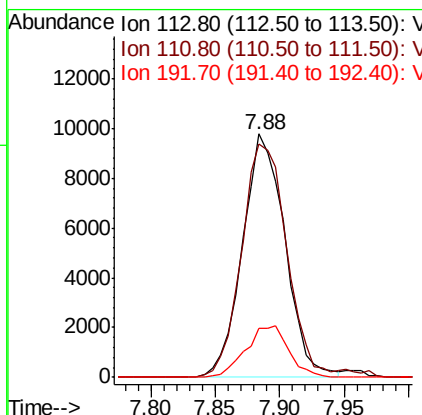
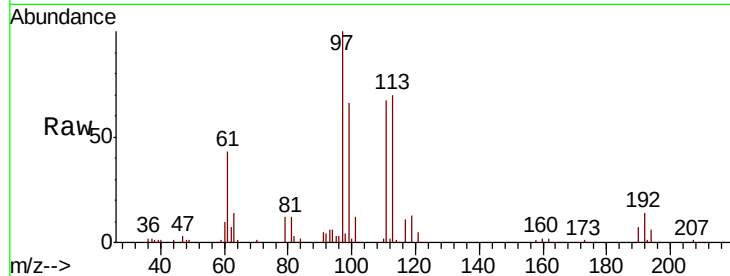
#35
Dibromofluoromethane
Concen: 11.510 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	21.3	17.0	25.4

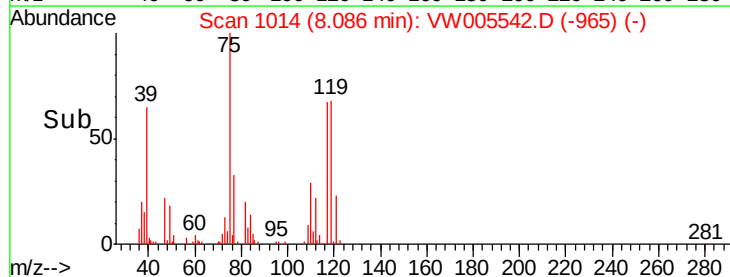
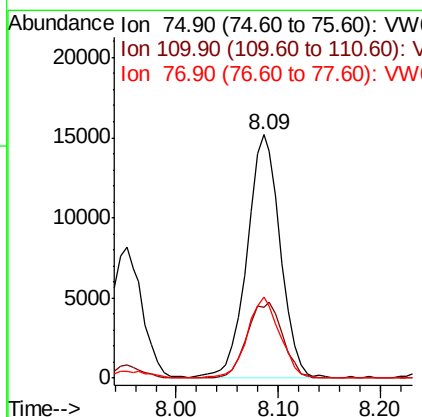
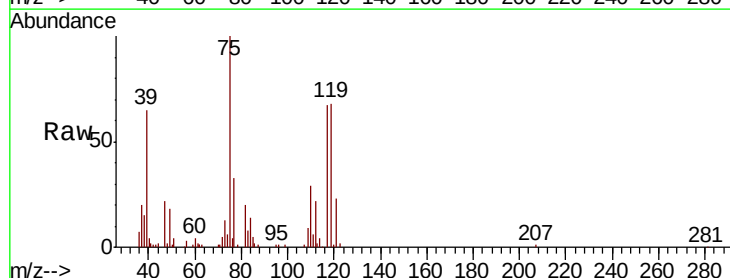
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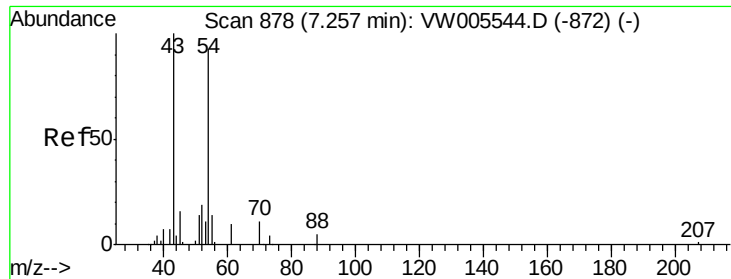
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#36
1,1-Dichloropropene
Concen: 10.715 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.0	50.9
77	32.5	24.8	37.2





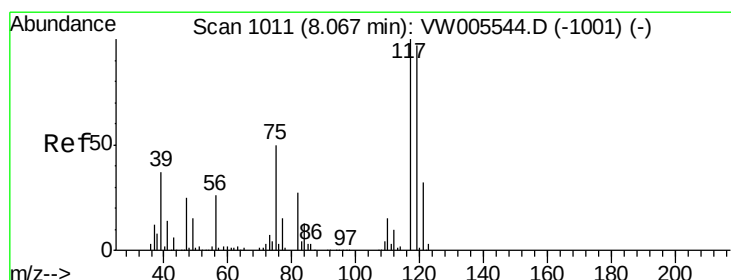
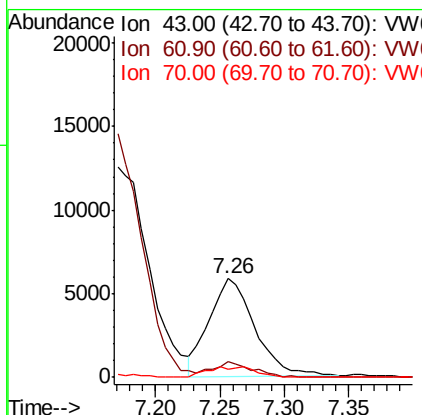
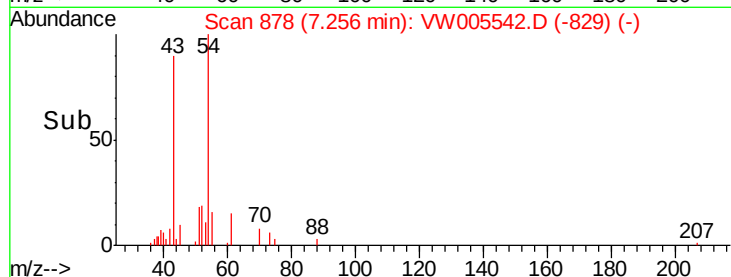
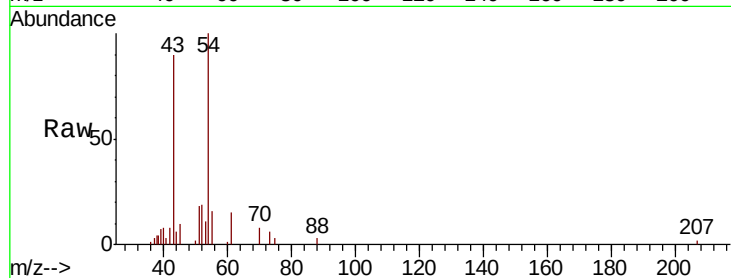
#37
Ethyl Acetate
Concen: 10.910 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	11.8	8.2	12.2

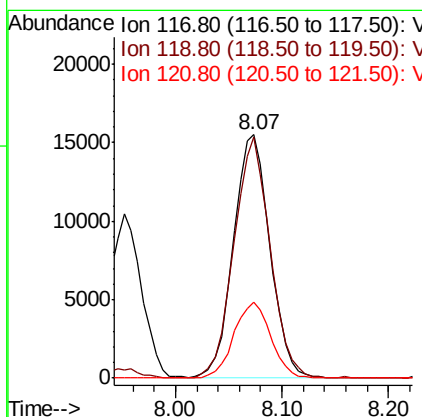
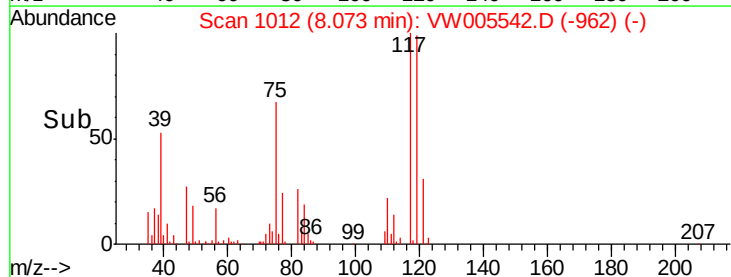
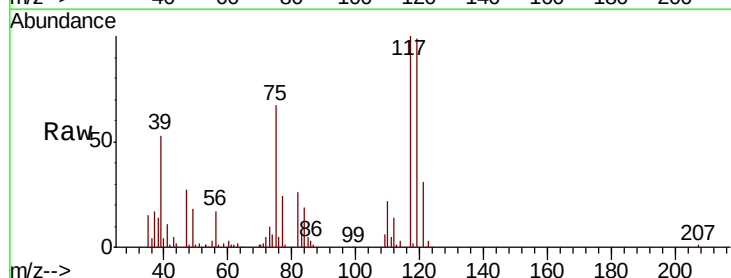
Manual Integrations
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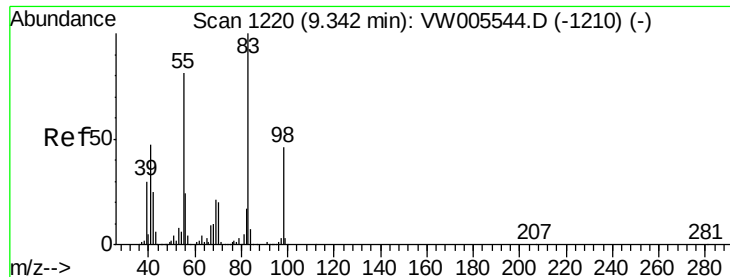
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#38
Carbon Tetrachloride
Concen: 11.072 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.6	116.4
121	31.1	25.7	38.5





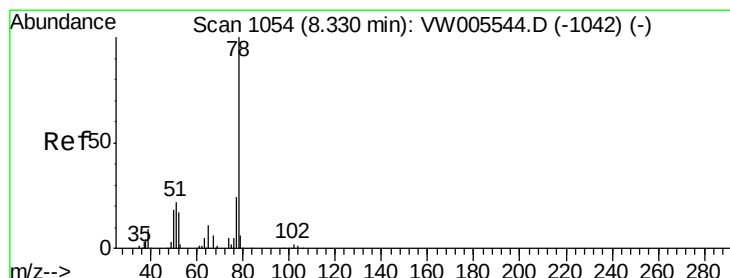
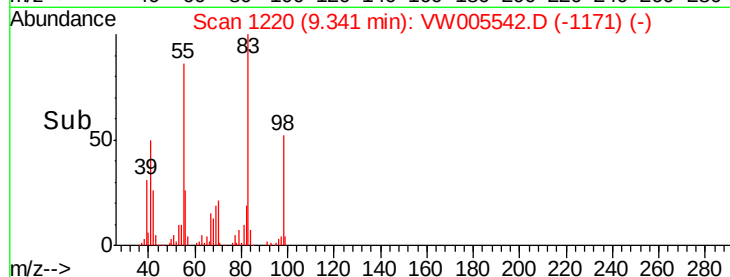
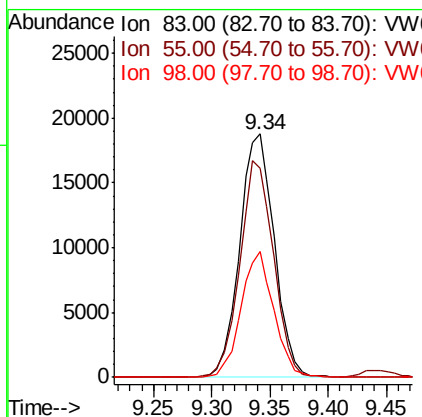
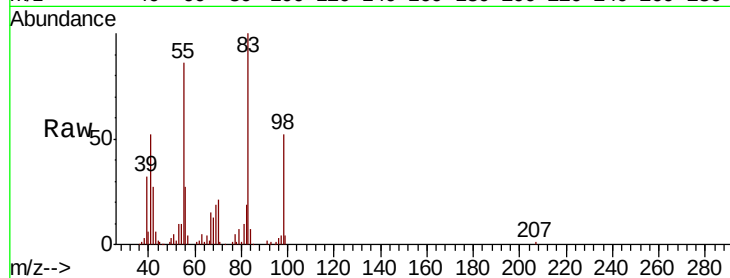
#39
Methylvlcyclohexane
Concen: 10.425 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.8	64.6	97.0
98	51.6	37.0	55.6

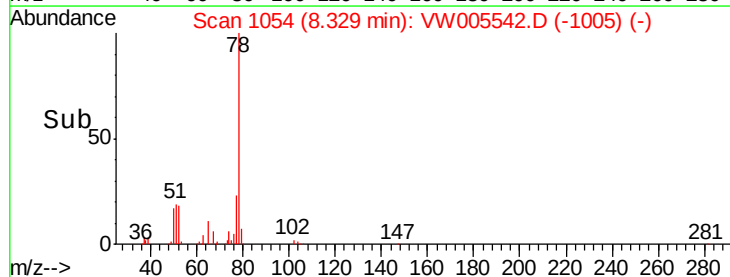
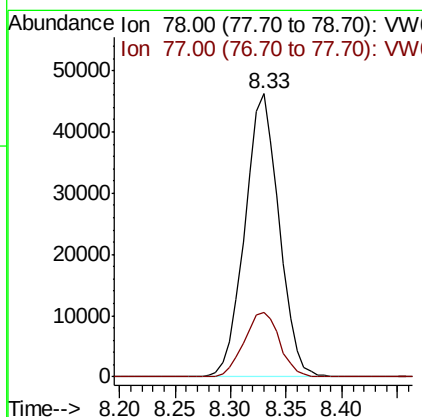
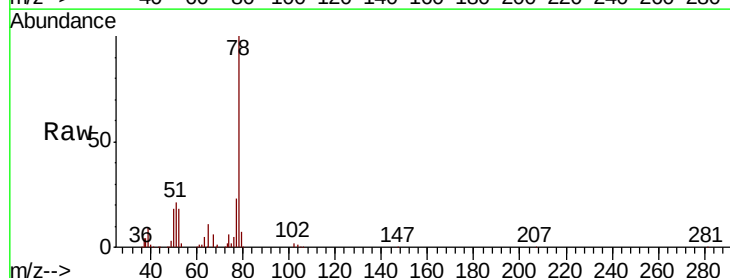
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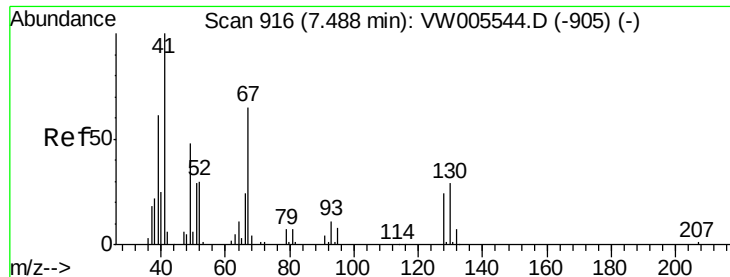
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#40
Benzene
Concen: 10.626 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4





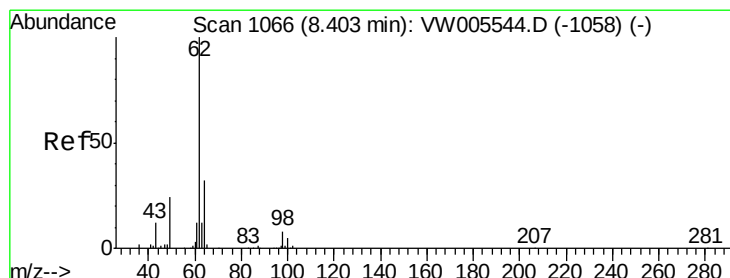
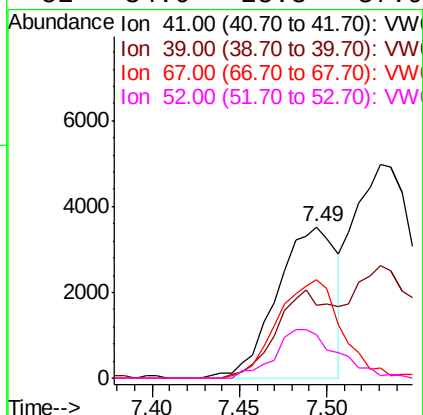
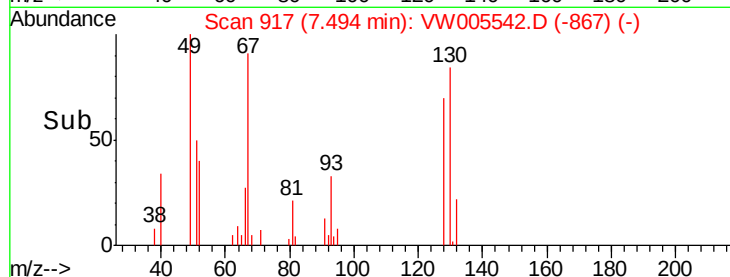
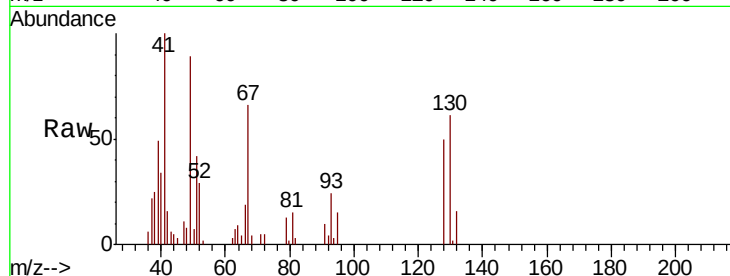
#41
Methacrylonitrile
Concen: 10.623 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:	41	Resp:	8410
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.4	68.2
67	70.1	55.2	82.8
52	34.0	25.3	37.9

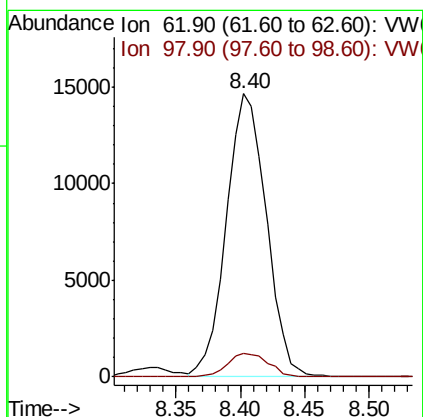
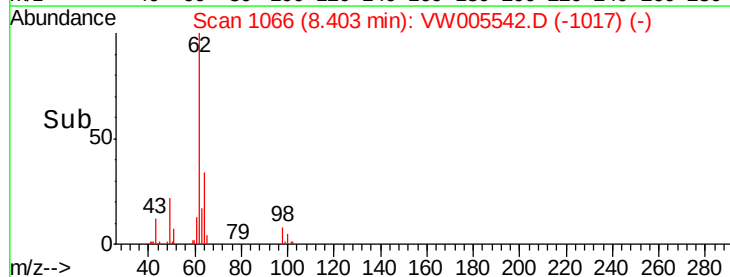
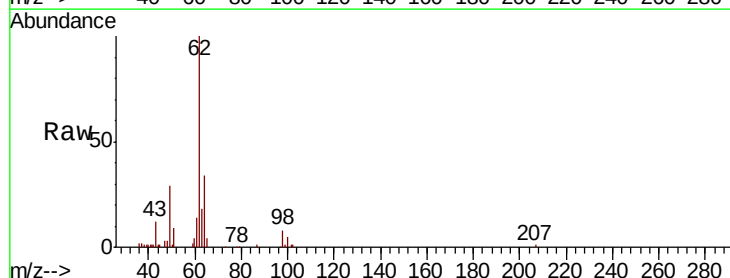
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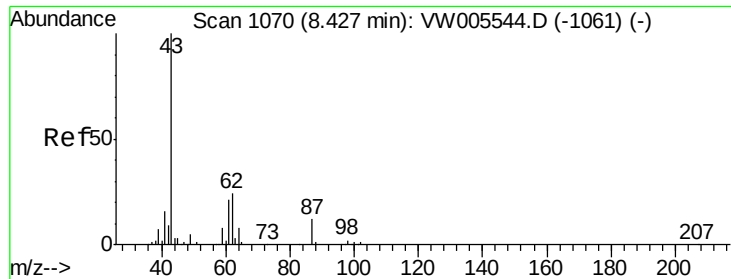
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#42
1,2-Dichloroethane
Concen: 10.784 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion:	62	Resp:	31654
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.6





#43

Isopropyl Acetate

Concen: 11.283 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

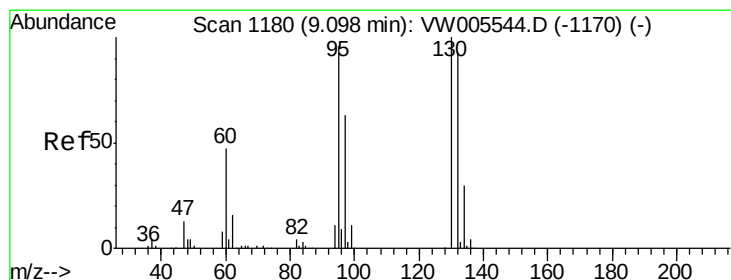
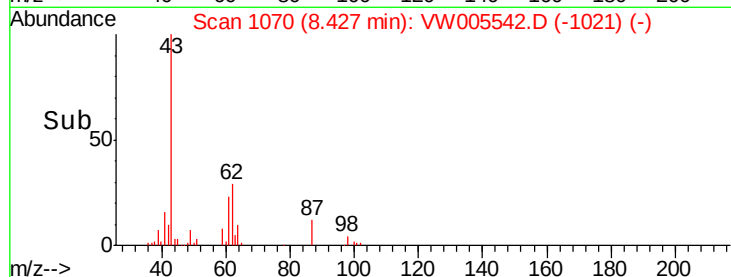
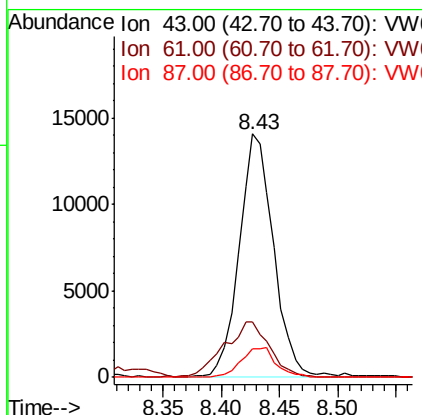
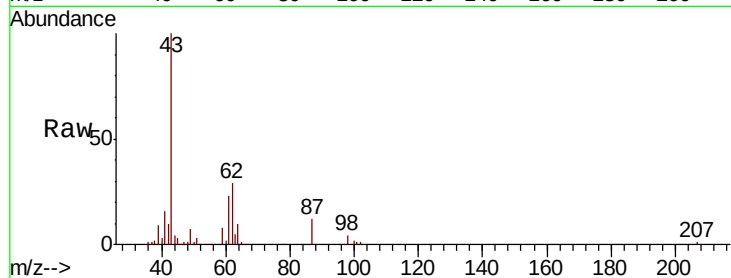
ClientSampled :

VSTDIC010

Tot Ion:	43	Resp:	28928
Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.1	36.1
87	12.2	9.8	14.8

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#44

Trichloroethene

Concen: 10.551 ug/l

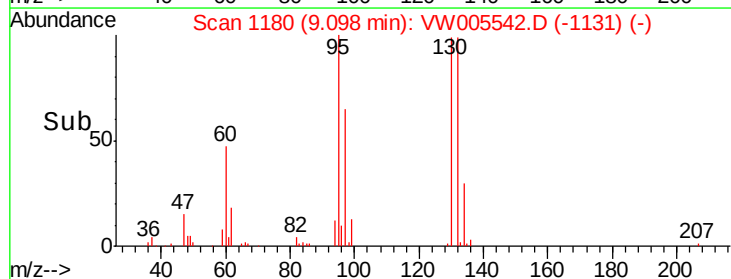
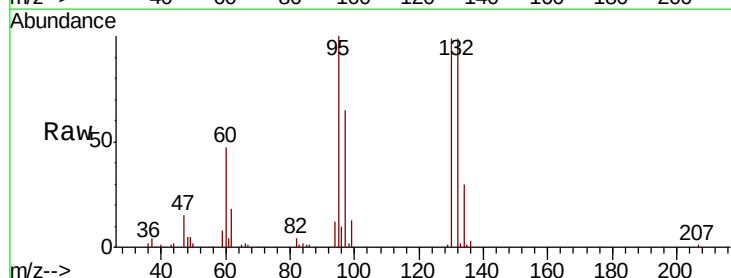
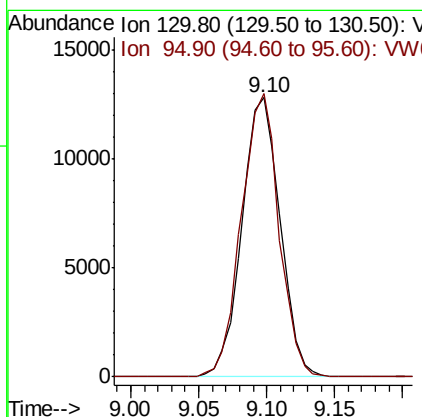
RT: 9.10 min Scan# 1180

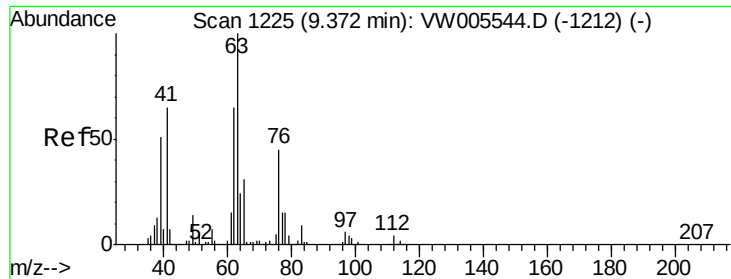
Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion:	130	Resp:	25234
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	191.2





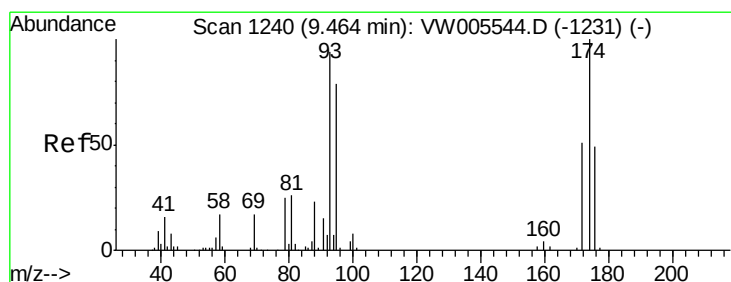
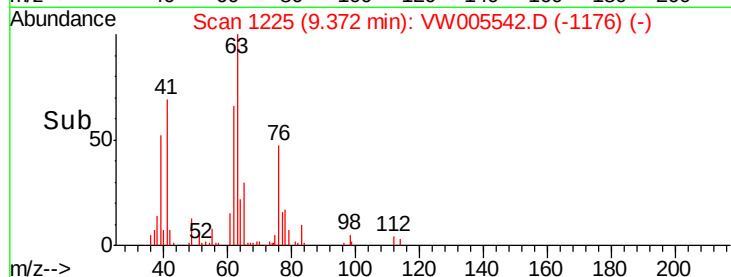
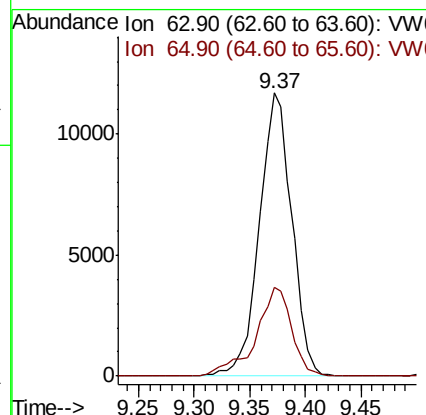
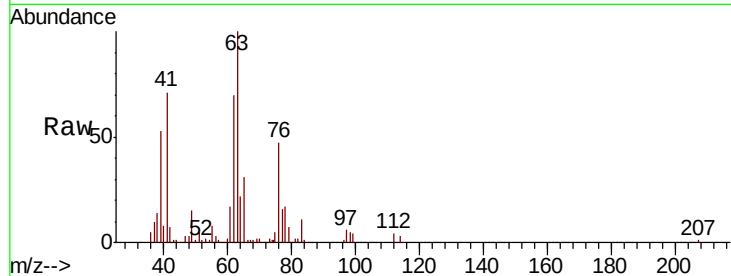
#45
 1,2-Dichloropropane
 Concen: 10.642 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.7	37.1

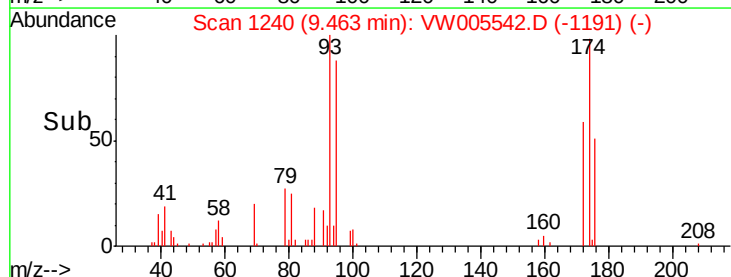
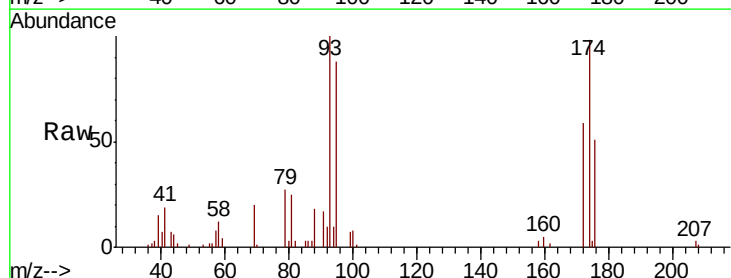
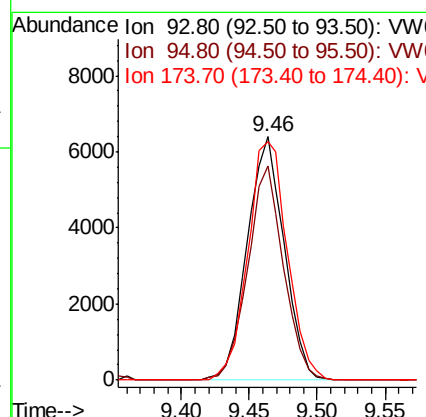
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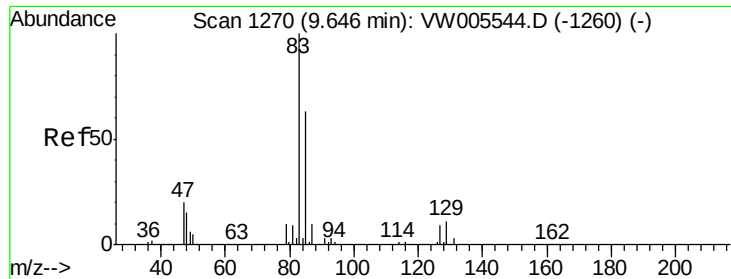
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#46
 Dibromomethane
 Concen: 10.962 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.5	65.8	98.8
174	105.2	84.0	126.0





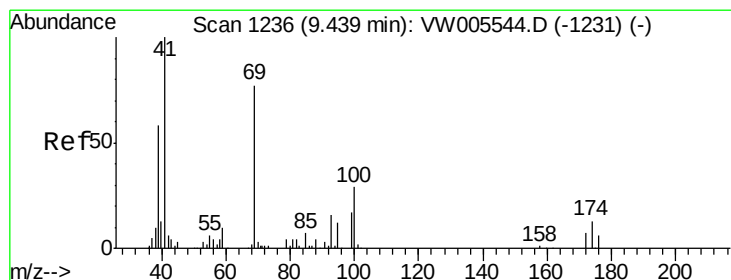
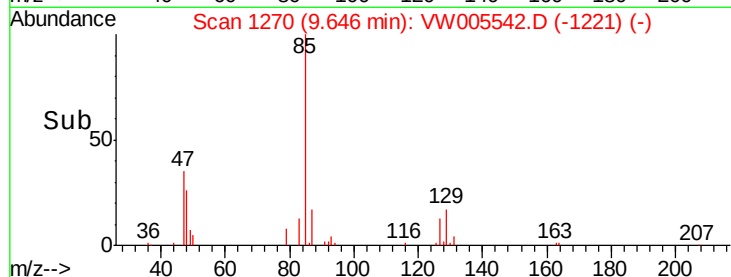
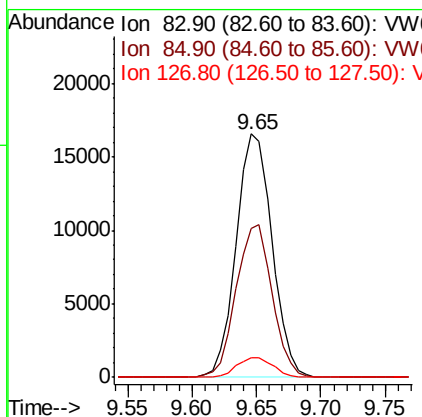
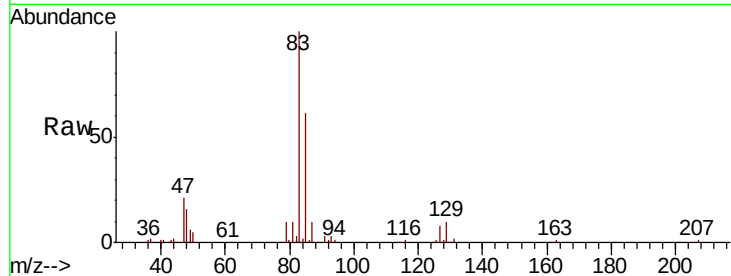
#47
 Bromodichloromethane
 Concen: 10.707 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	83	Resp	31969
Ion Ratio	100	Lower	Upper
83	100		
85	61.4	50.5	75.7
127	8.0	7.0	10.6

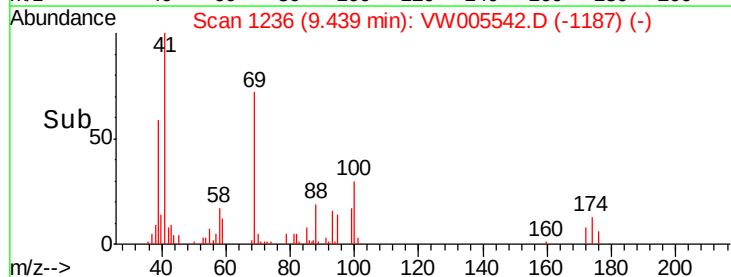
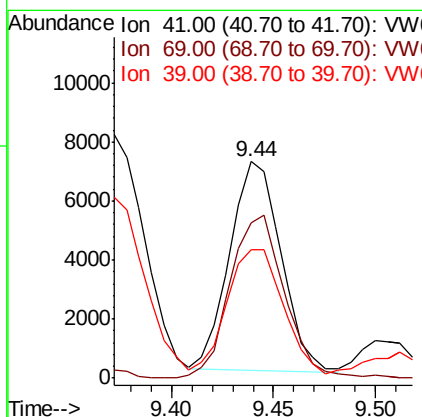
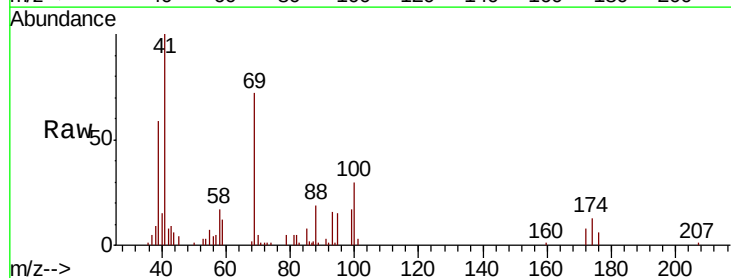
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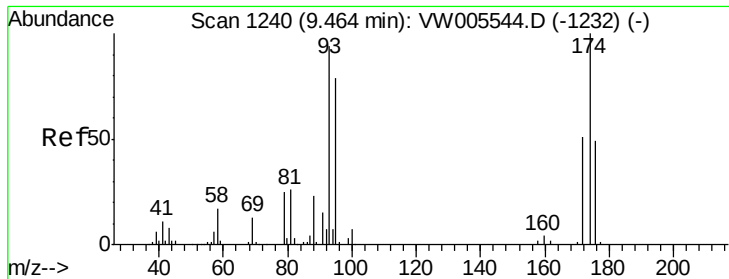
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#48
 Methyl methacrylate
 Concen: 9.763 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Tgt Ion	41	Resp	12381
Ion Ratio	100	Lower	Upper
41	100		
69	83.2	64.7	97.1
39	64.2	50.5	75.7





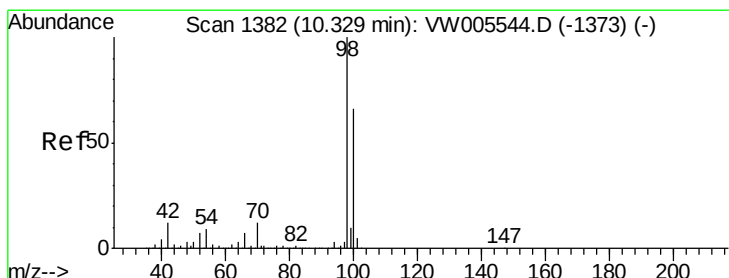
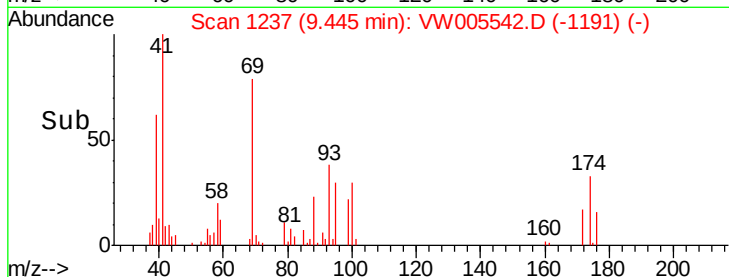
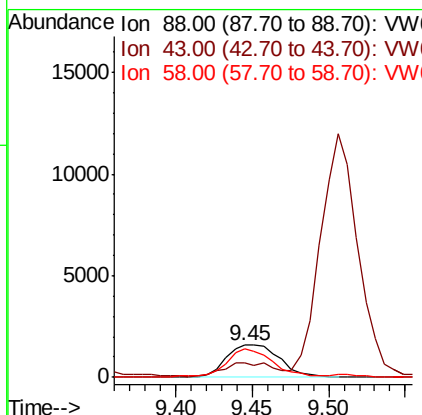
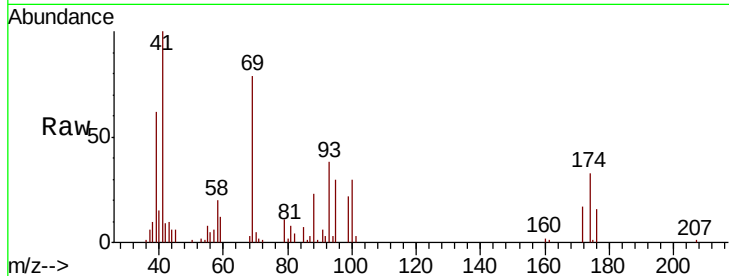
#49
1,4-Dioxane
Concen: 212.438 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 88 Resp: 3817
Ion Ratio Lower Upper
88 100
43 42.2 0.0 0.0#
58 78.7 61.2 91.8

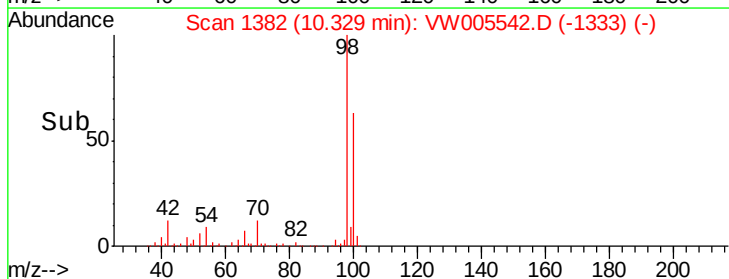
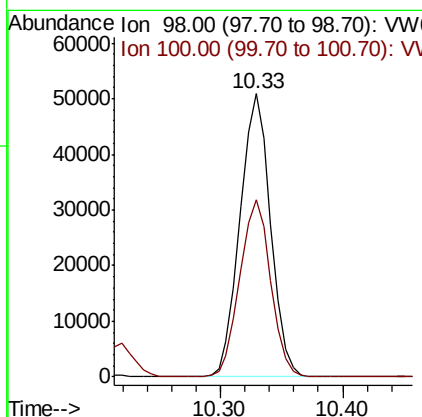
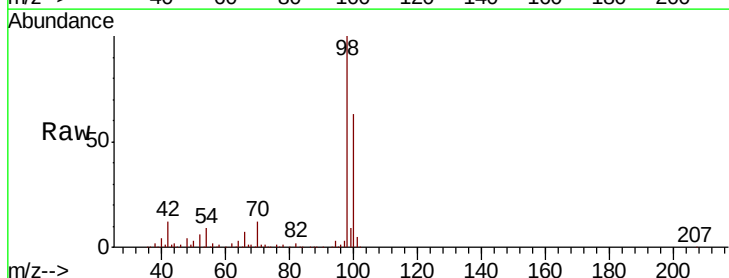
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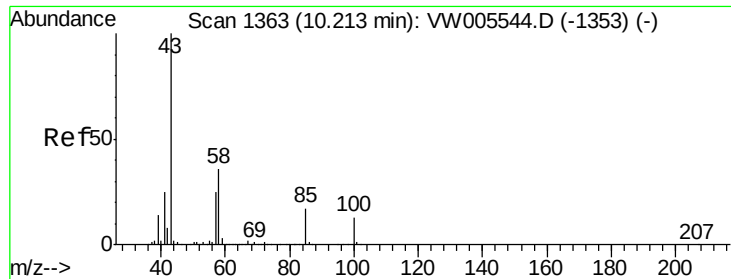
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#50
Toluene-d8
Concen: 10.192 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion: 98 Resp: 88221
Ion Ratio Lower Upper
98 100
100 63.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 55.042 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 72179

Ion Ratio Lower Upper

43 100

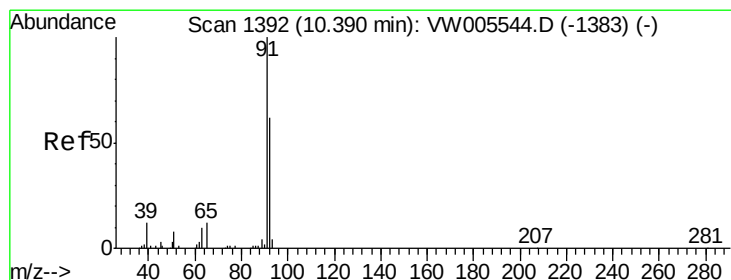
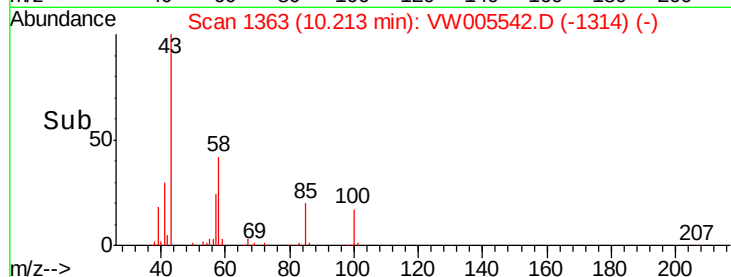
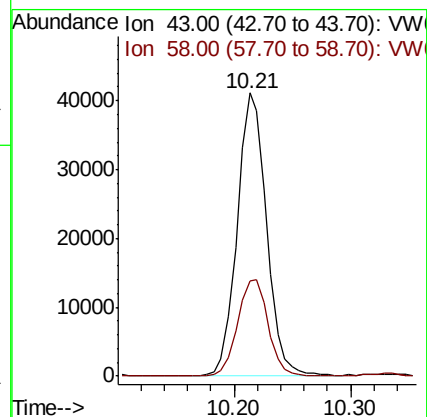
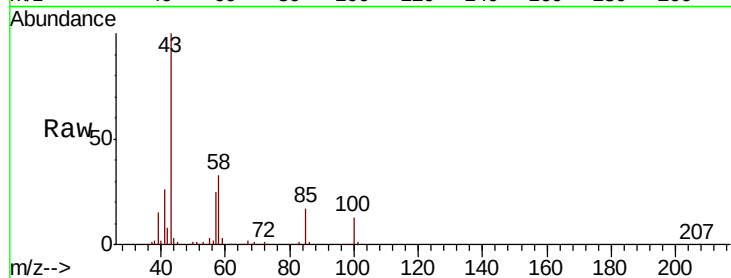
58 35.5 30.0 45.0

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#52

Toluene

Concen: 9.685 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005542.D

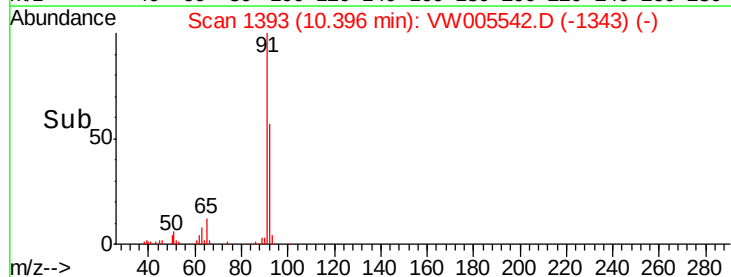
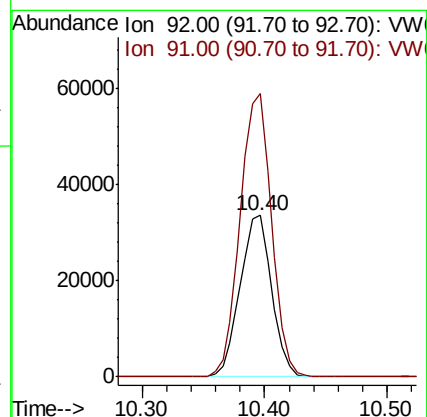
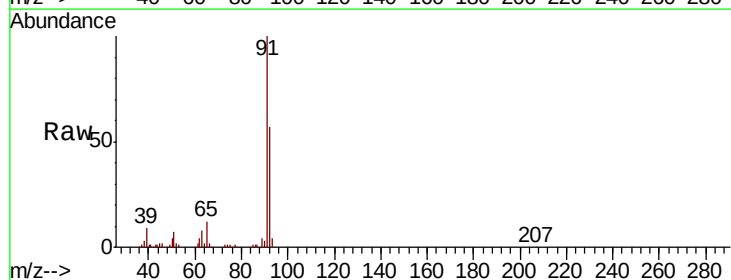
Acq: 20 Sep 2018 21:02

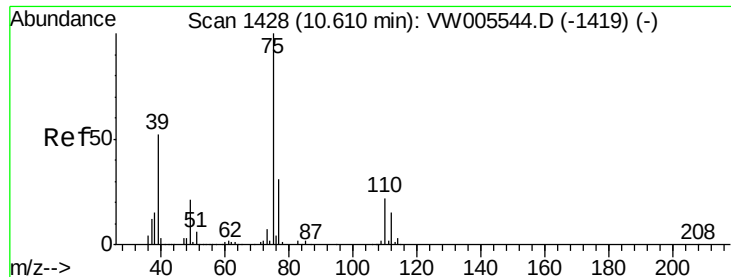
Tgt Ion: 92 Resp: 60031

Ion Ratio Lower Upper

92 100

91 174.9 137.1 205.7





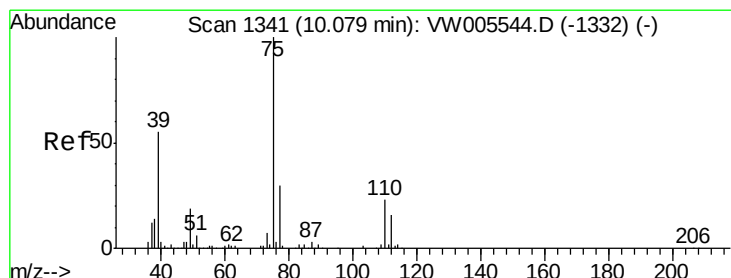
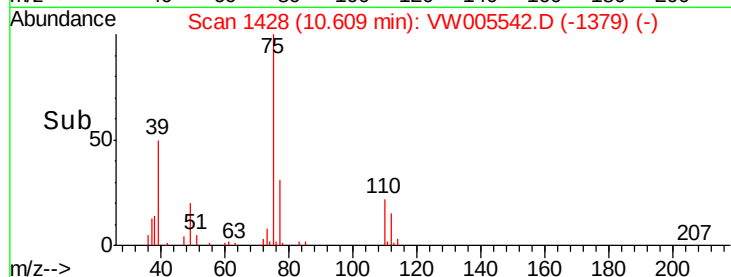
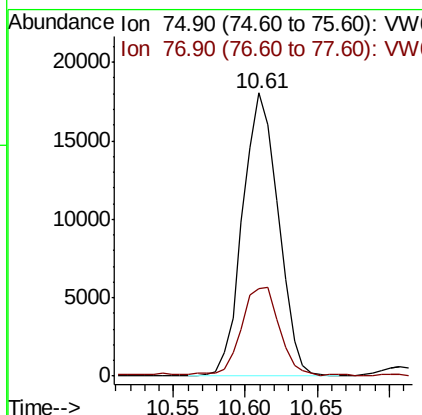
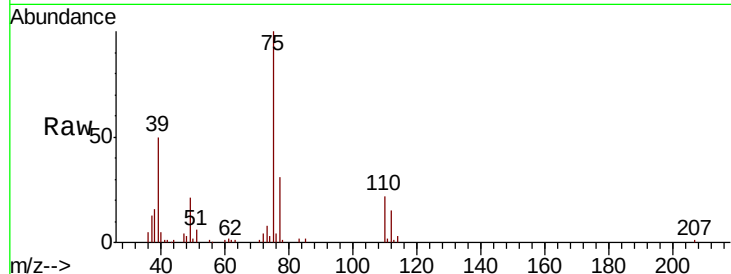
#53
 t-1,3-Dichloropropene
 Concen: 10.342 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 75 Resp: 30918
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 37.0

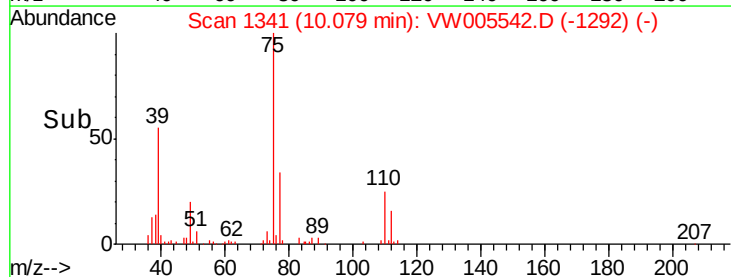
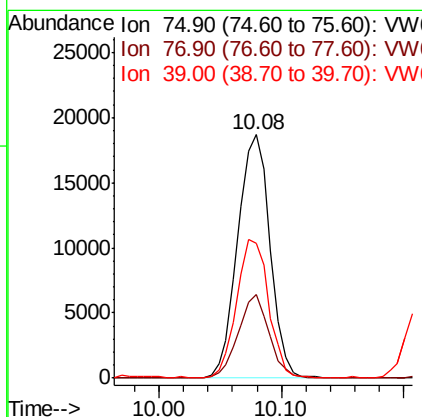
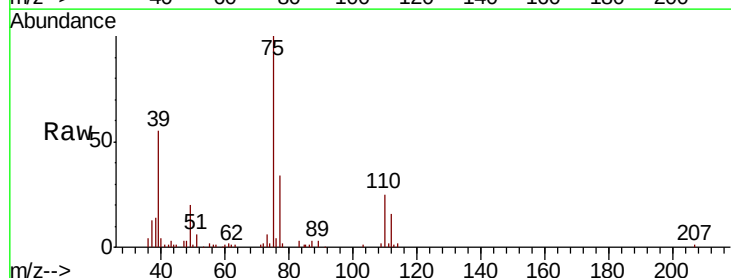
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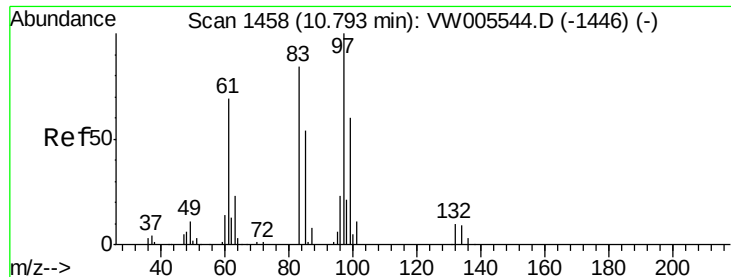
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#54
 cis-1,3-Dichloropropene
 Concen: 10.142 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Tgt Ion: 75 Resp: 34315
 Ion Ratio Lower Upper
 75 100
 77 34.1 24.3 36.5
 39 55.2 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 10.672 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

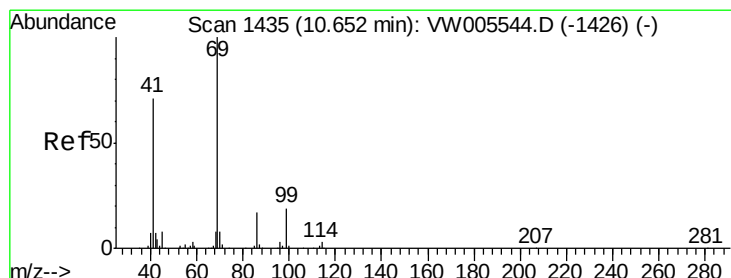
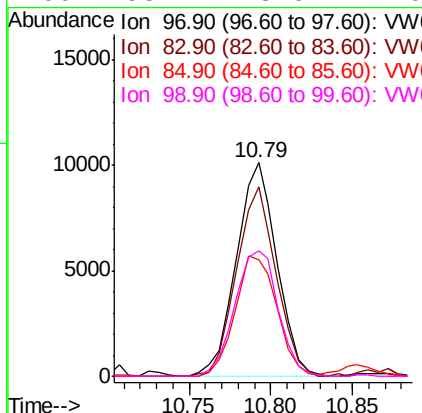
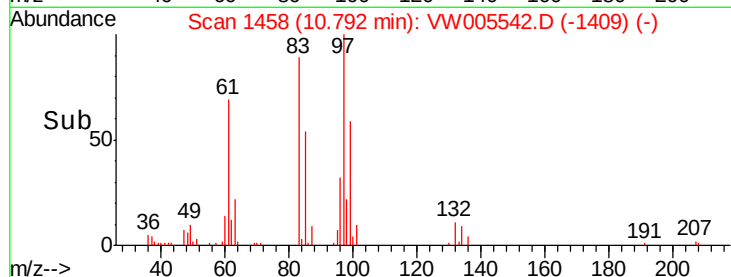
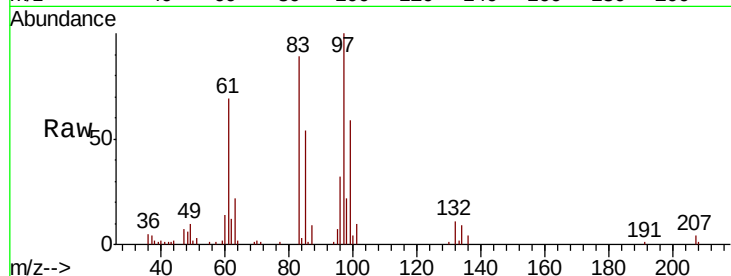
VSTDIC010

Tot Ion:	97	Resp:	17420
Ion	Ratio	Lower	Upper
97	100		
83	88.8	67.4	101.2
85	54.3	43.3	64.9
99	58.7	48.0	72.0

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#56

Ethyl methacrylate

Concen: 9.485 ug/l

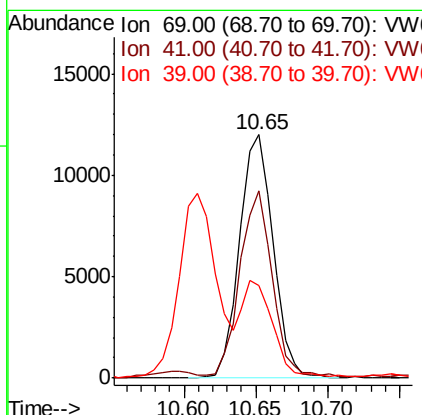
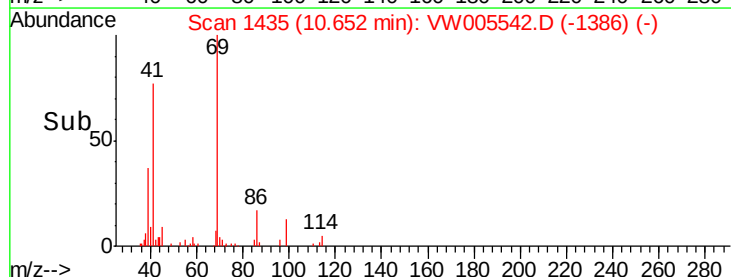
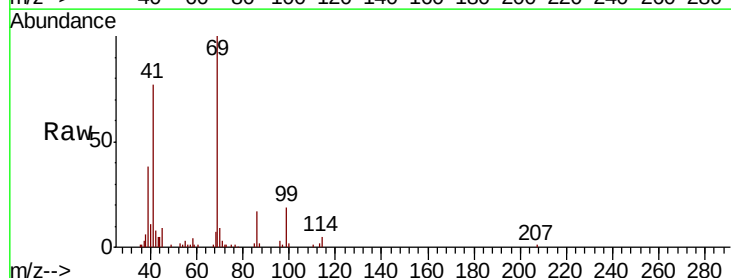
RT: 10.65 min Scan# 1435

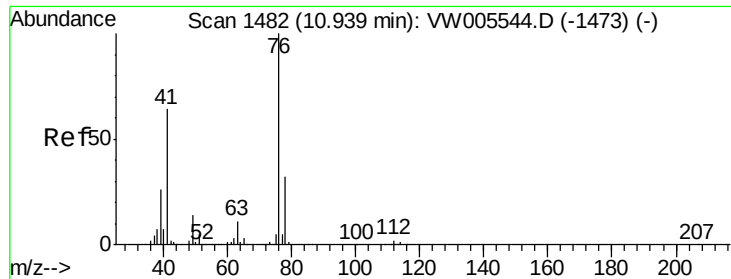
Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion:	69	Resp:	19380
Ion	Ratio	Lower	Upper
69	100		
41	74.2	57.3	85.9
39	36.3	29.2	43.8





#57

1,3-Dichloropropane

Concen: 10.799 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 30364

Ion Ratio Lower Upper

76 100

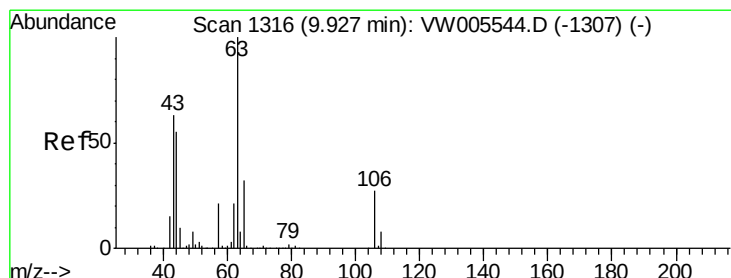
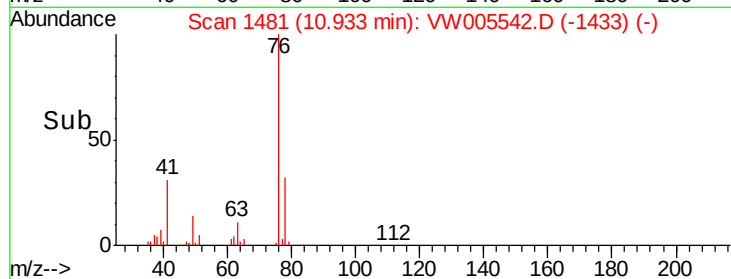
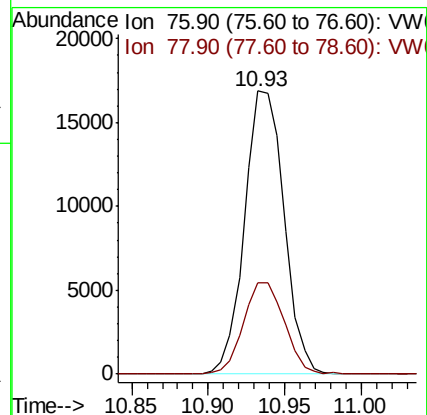
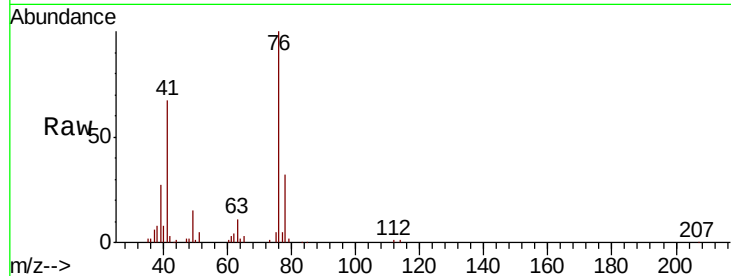
78 33.5 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 49.393 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005542.D

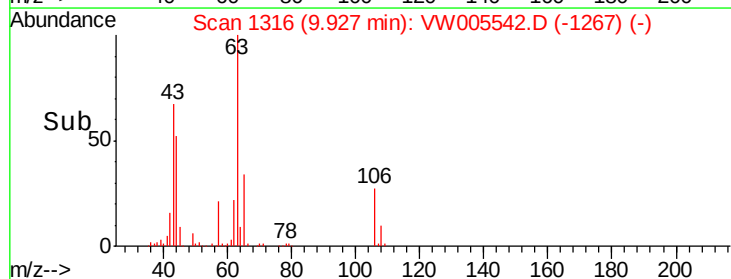
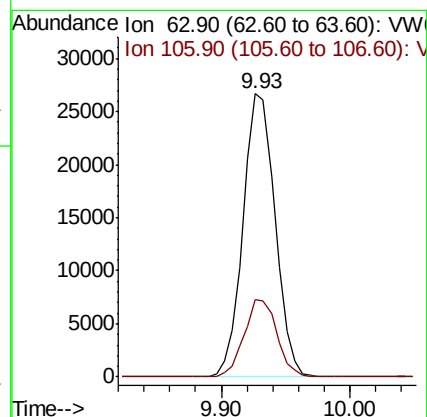
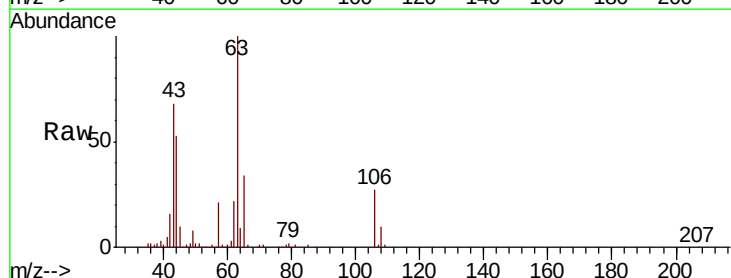
Acq: 20 Sep 2018 21:02

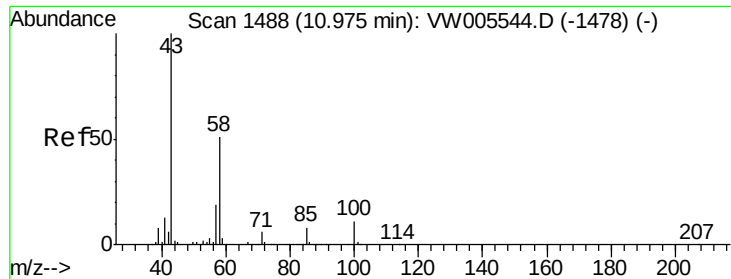
Tgt Ion: 63 Resp: 45900

Ion Ratio Lower Upper

63 100

106 27.9 21.6 32.4





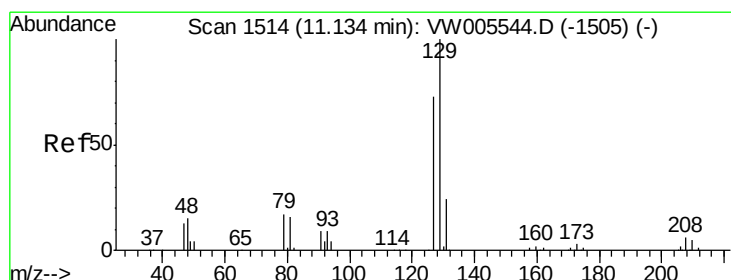
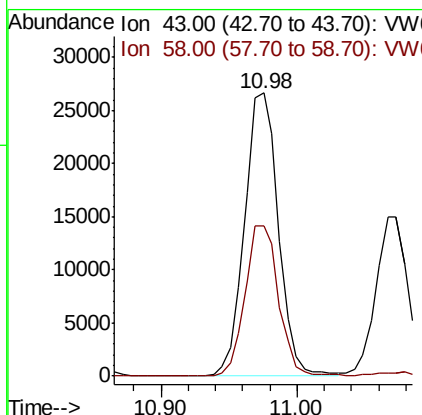
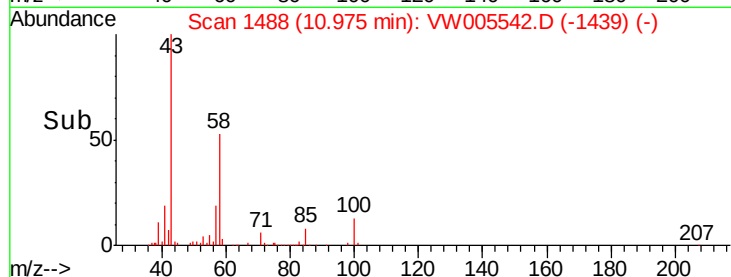
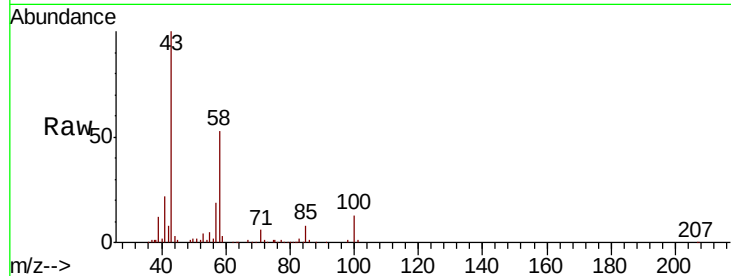
#59
2-Hexanone
Concen: 52.290 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 43 Resp: 46533
Ion Ratio Lower Upper
43 100
58 52.5 25.3 75.9

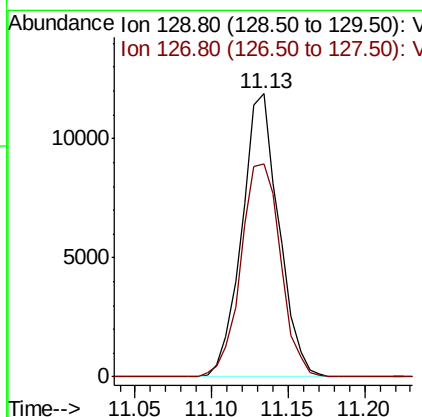
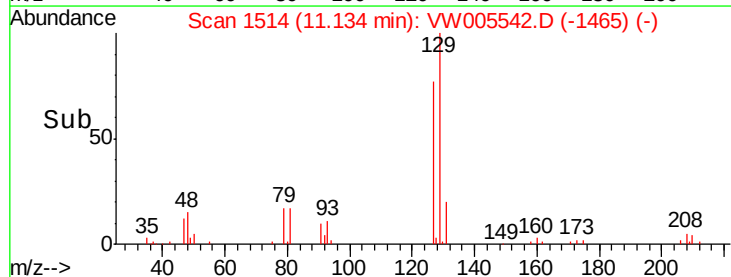
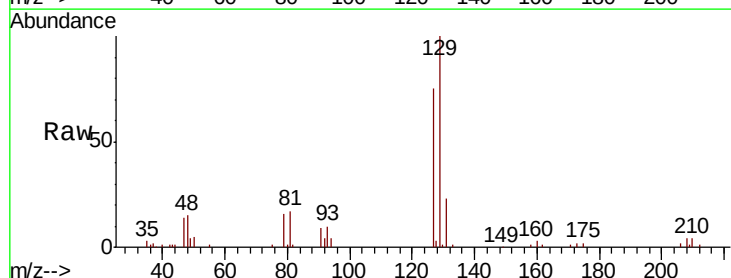
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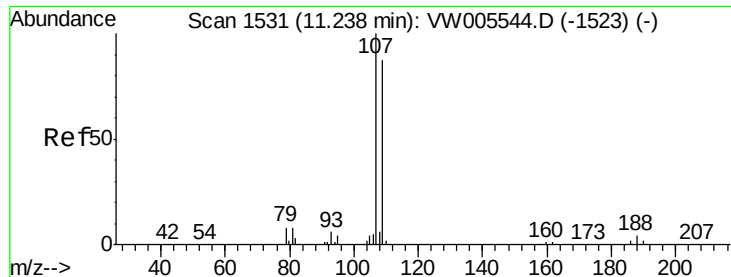
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#60
Dibromochloromethane
Concen: 10.182 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion: 129 Resp: 19966
Ion Ratio Lower Upper
129 100
127 80.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 10.937 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:107 Resp: 16065

Ion Ratio Lower Upper

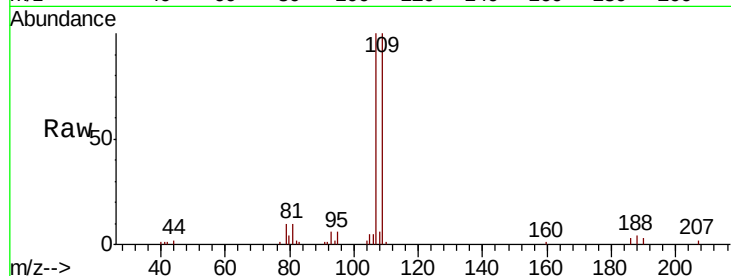
107 100

109 96.2 73.4 110.0

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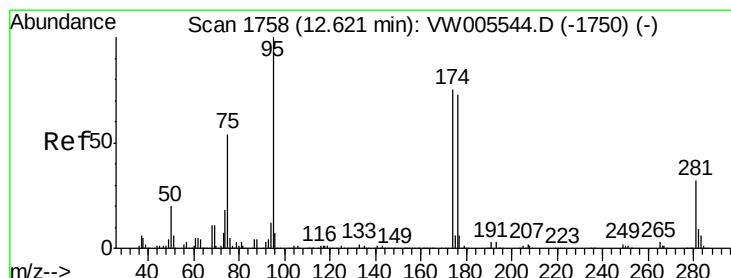
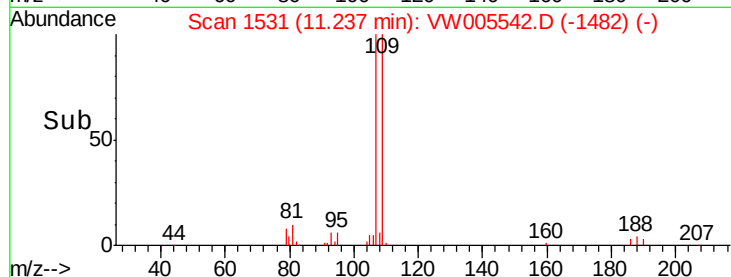
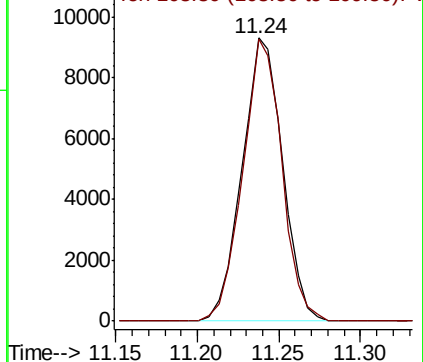
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 10.445 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

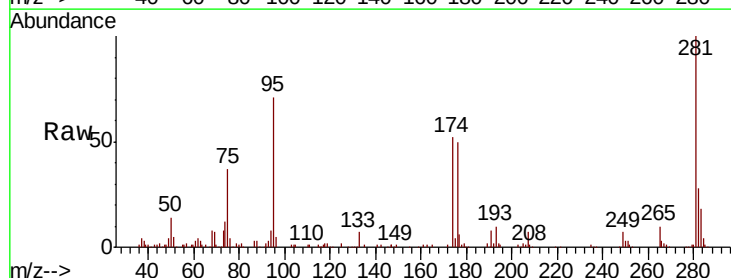
Tgt Ion: 95 Resp: 33082

Ion Ratio Lower Upper

95 100

174 78.6 0.0 163.8

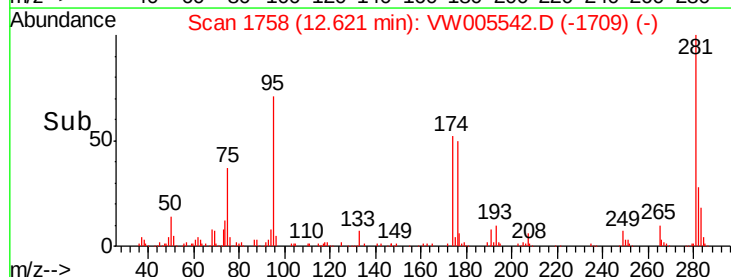
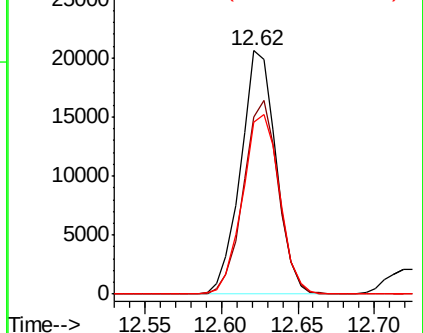
176 77.5 0.0 158.0

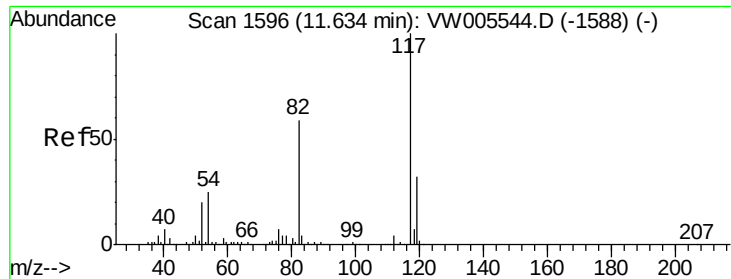


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





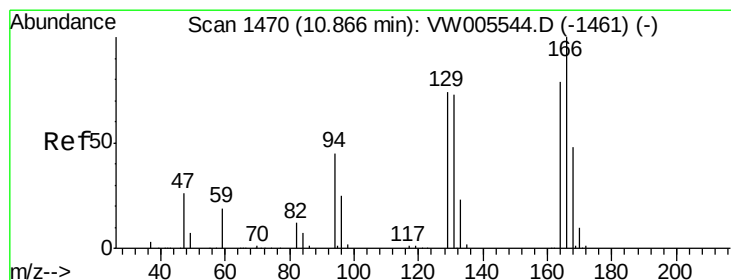
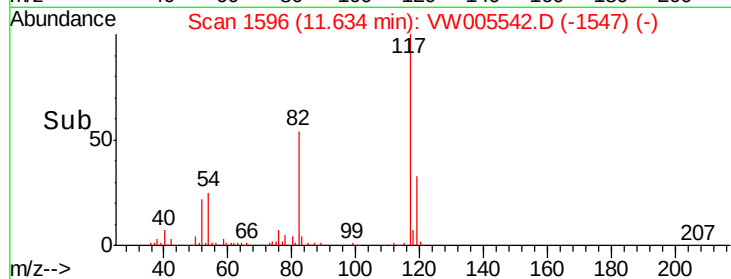
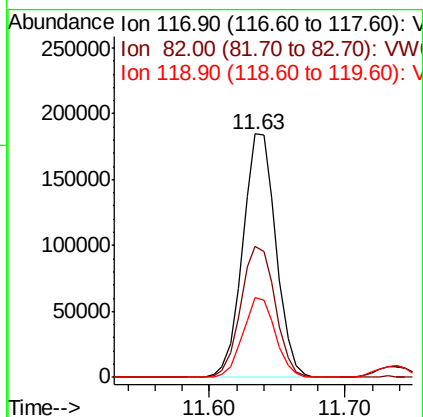
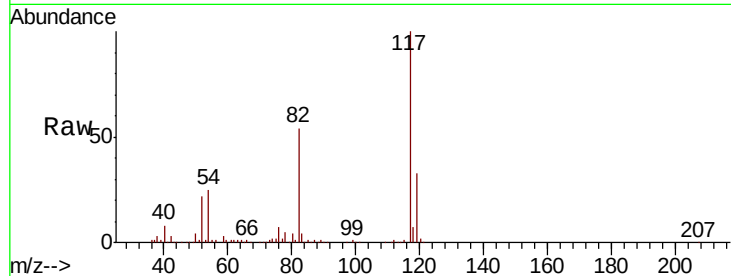
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	46.9	70.3
119	32.9	25.7	38.5

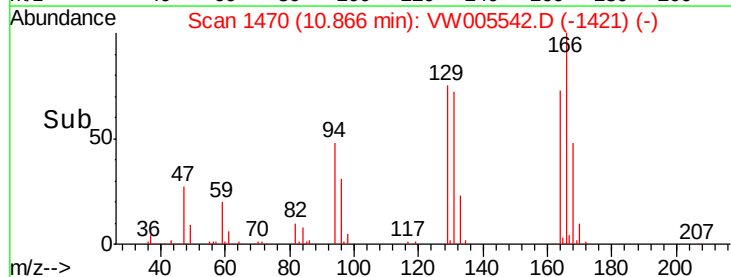
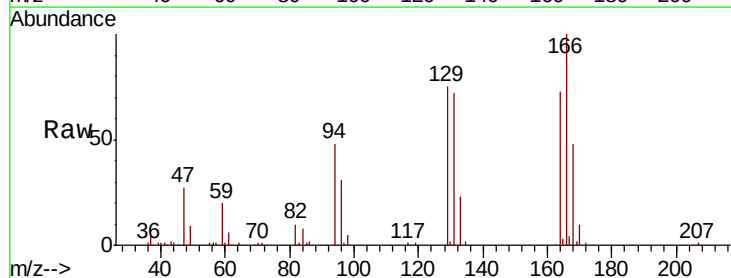
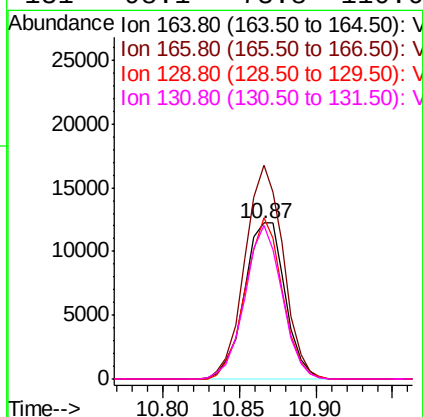
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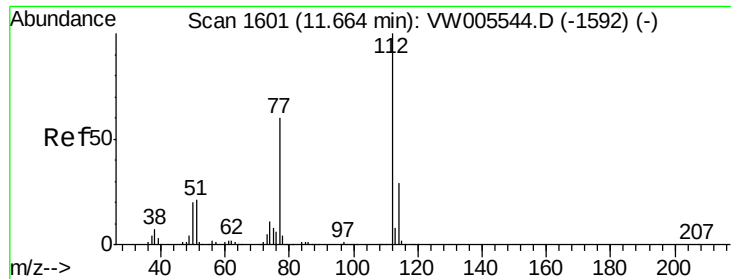
apatel
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#64
Tetrachloroethene
Concen: 9.806 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	137.0	101.1	151.7
129	103.1	74.4	111.6
131	98.1	73.8	110.6





#65

Chlorobenzene

Concen: 10.079 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:112 Resp: 67586

Ion Ratio Lower Upper

112 100

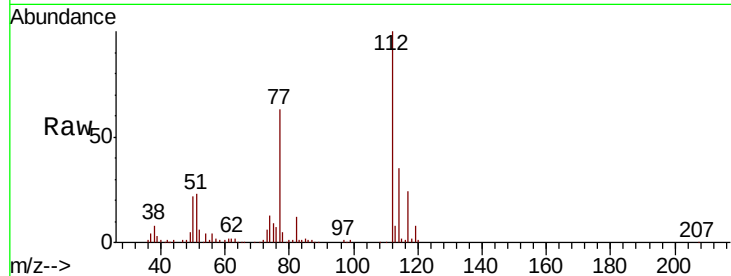
114 35.0 22.9 34.3#

Manual Integrations

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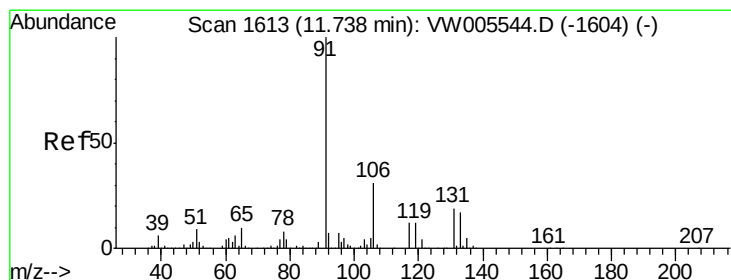
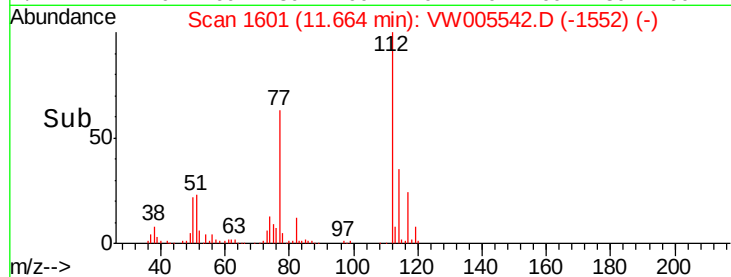
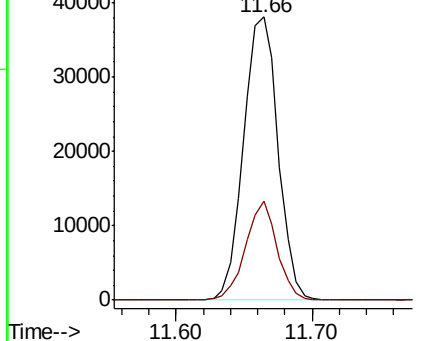
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 10.910 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

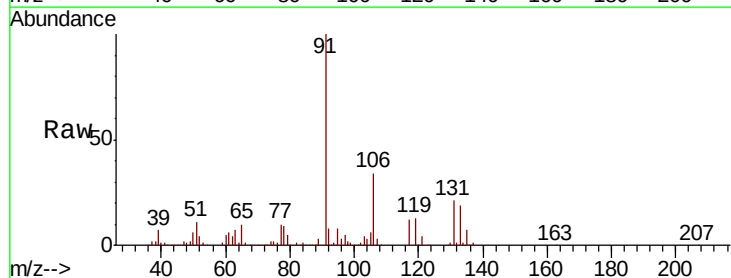
Tgt Ion:131 Resp: 23911

Ion Ratio Lower Upper

131 100

133 96.1 47.2 141.6

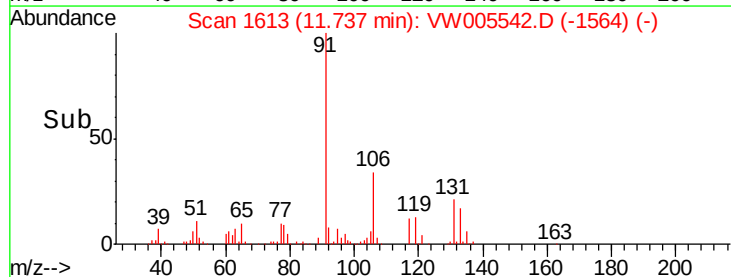
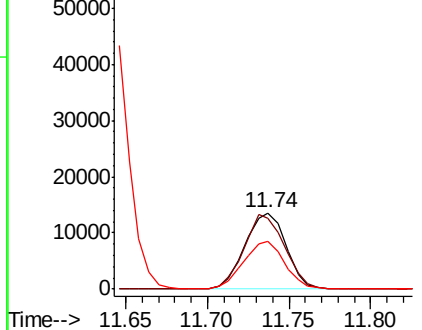
119 63.0 31.1 93.2

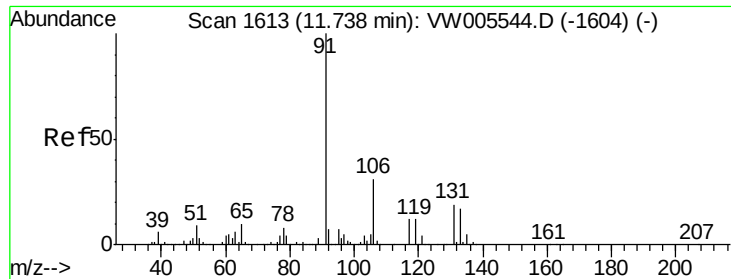


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





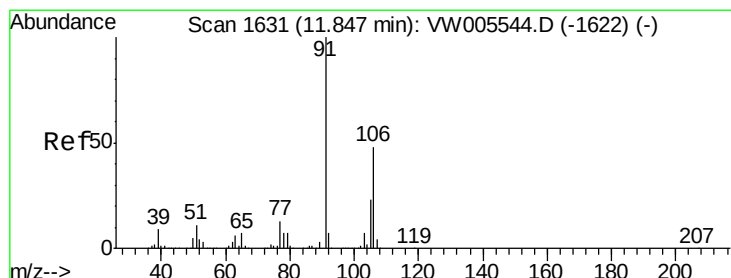
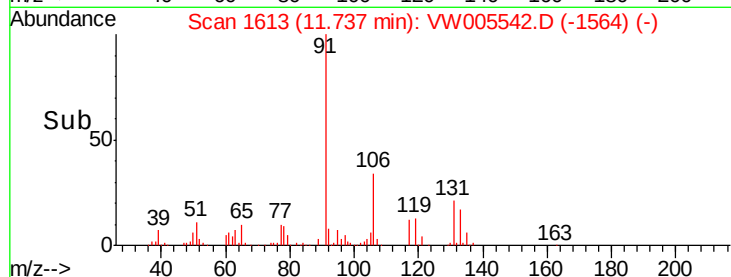
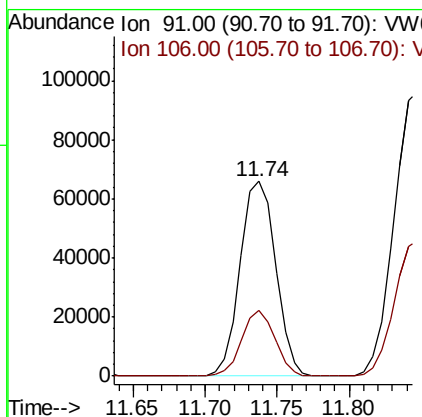
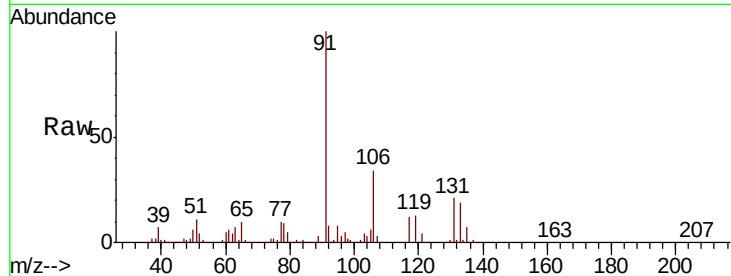
#67
Ethyl Benzene
Concen: 9.615 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 113422
Ion Ratio Lower Upper
91 100
106 34.1 24.4 36.6

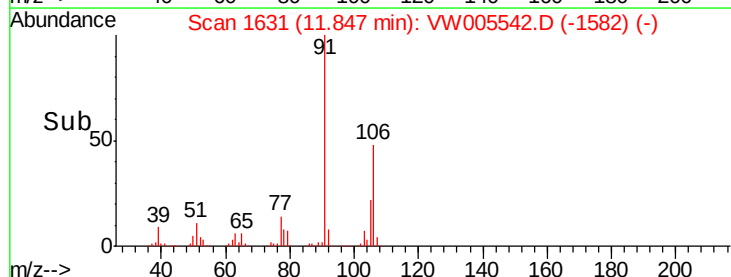
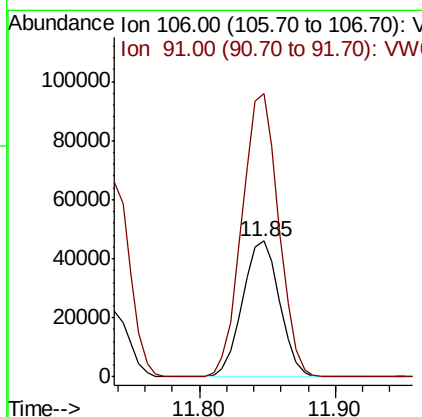
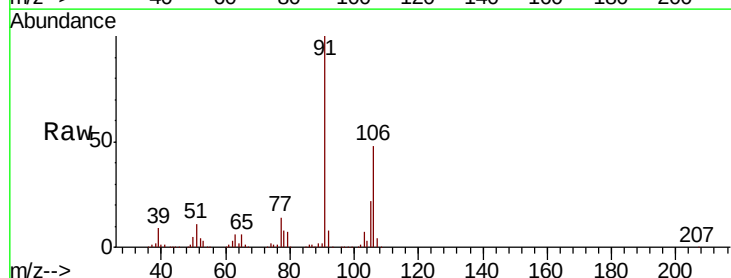
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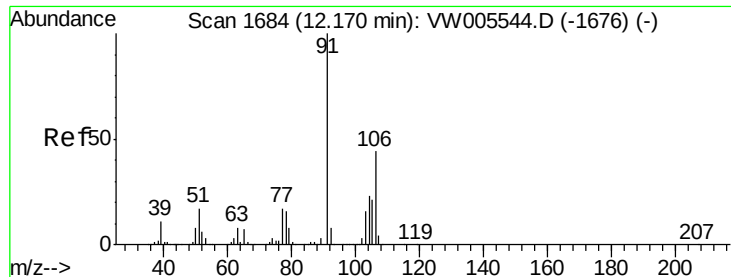
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#68
m/p-Xylenes
Concen: 19.387 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion: 106 Resp: 87817
Ion Ratio Lower Upper
106 100
91 207.0 167.8 251.8





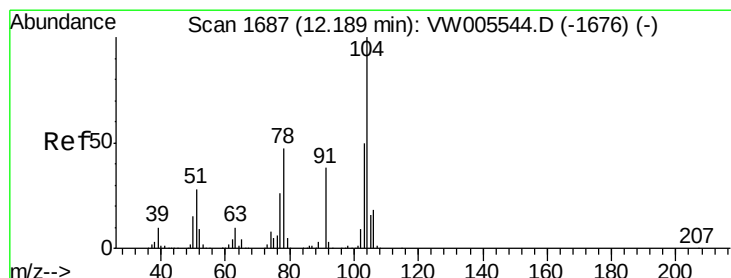
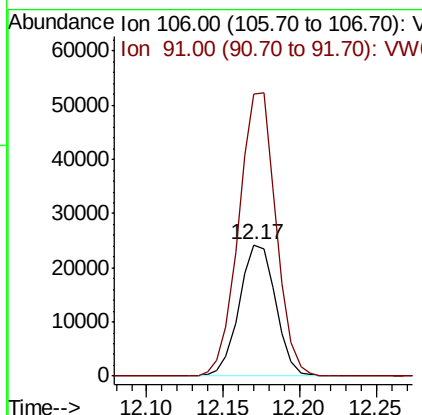
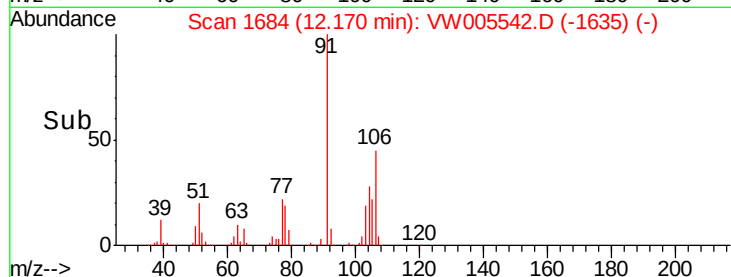
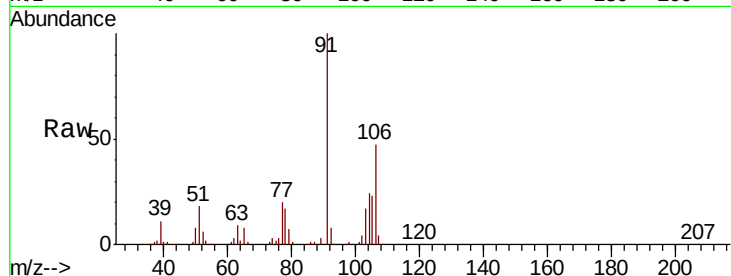
#69
o-Xylene
Concen: 9.535 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		40206		
91	219.9	111.0	333.0		

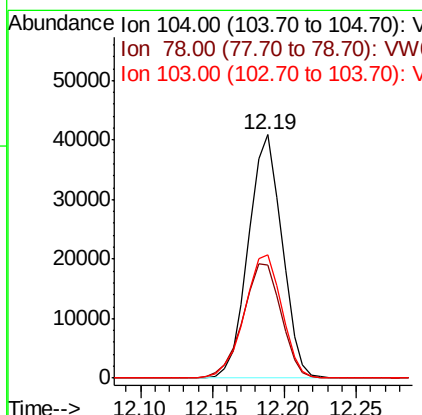
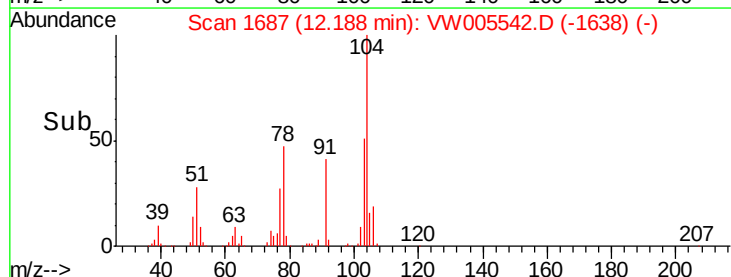
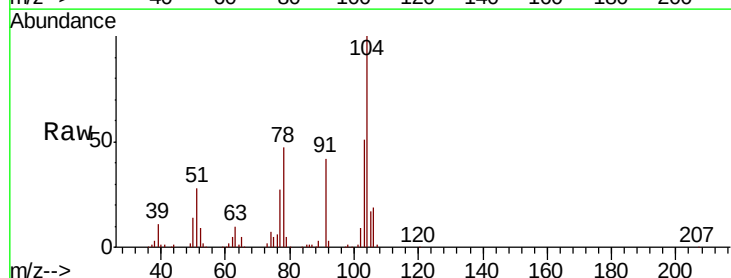
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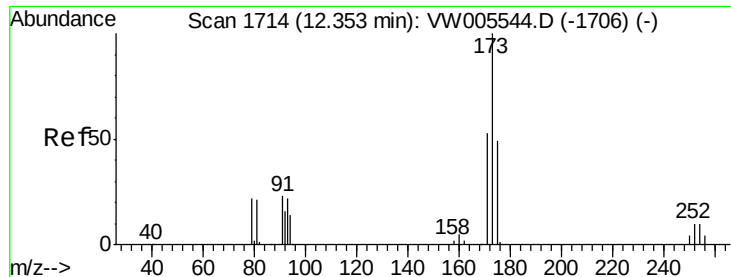
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#70
Styrene
Concen: 9.477 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		66213		
78	53.4	42.2	63.4		
103	56.4	44.6	66.8		





#71

Bromoform

Concen: 10.735 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

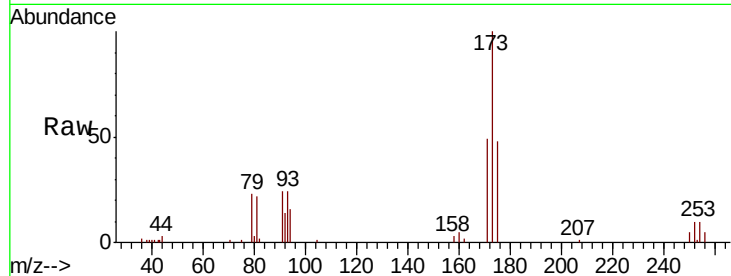
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.9
254	0.0	0.1	0.1#

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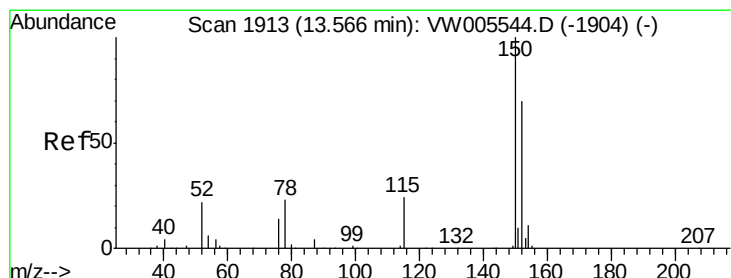
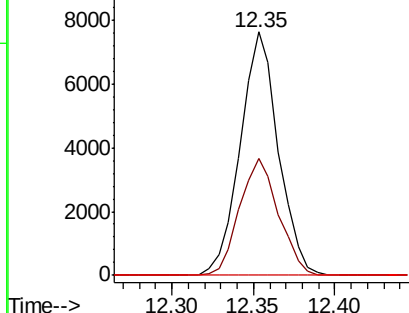
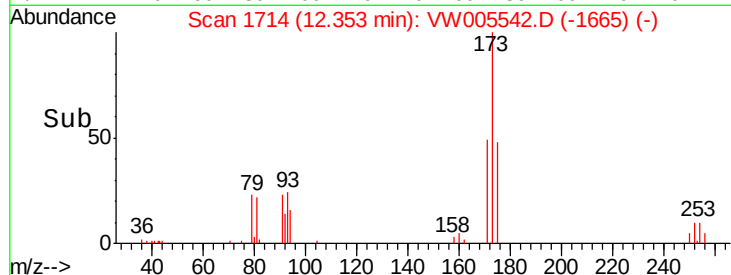


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

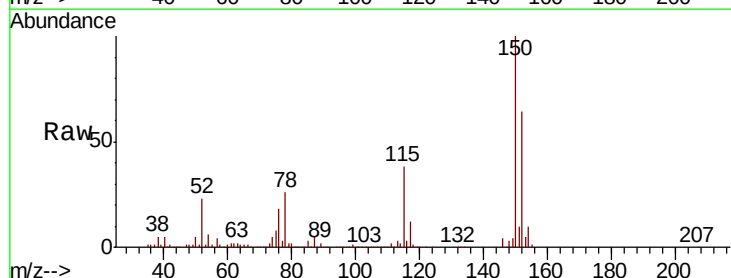
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.0	90.0
150	159.4	0.0	348.6

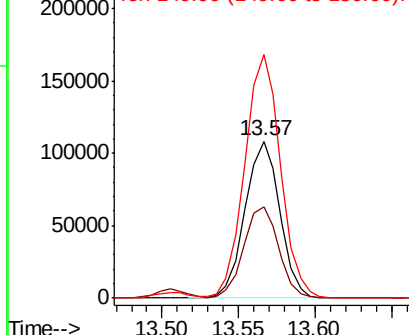
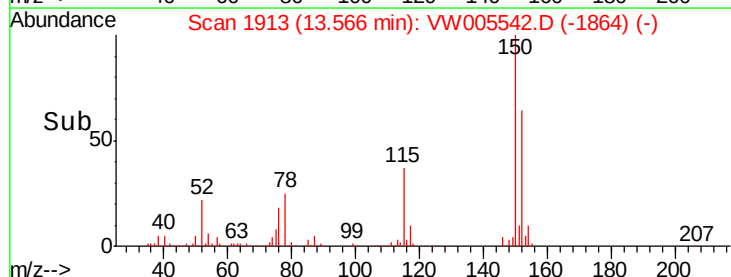


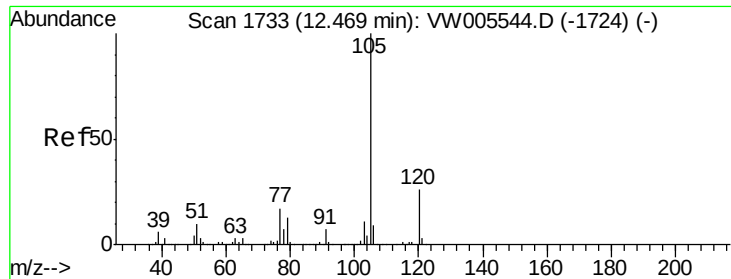
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





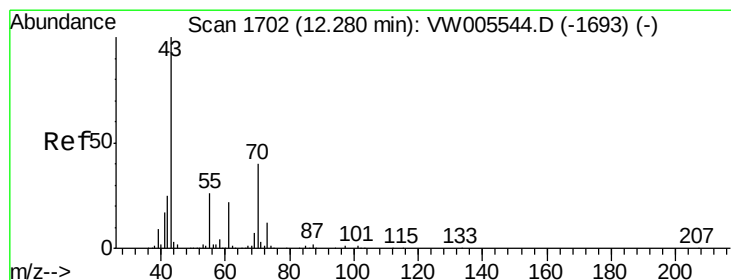
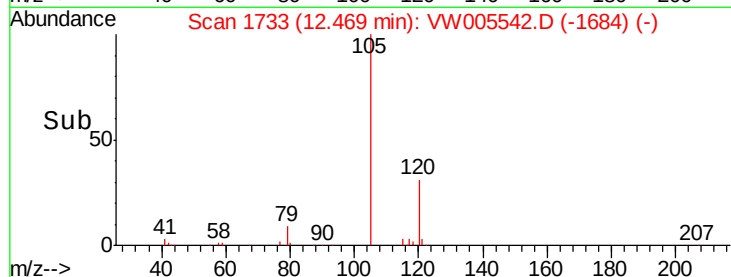
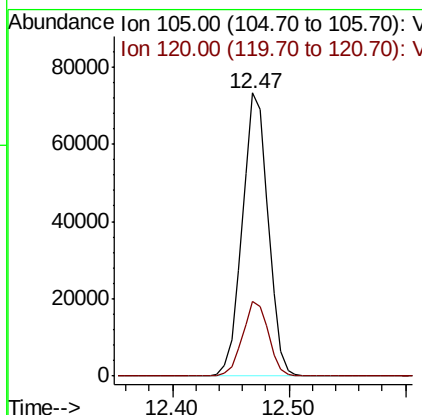
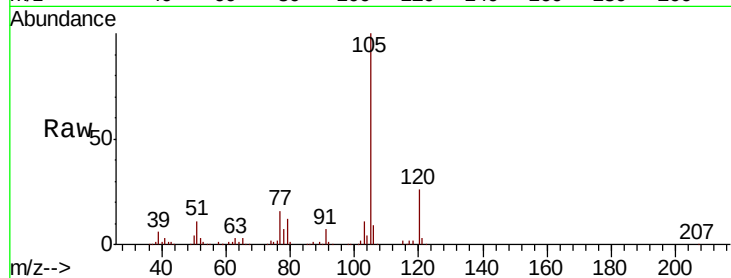
#73
Isopropylbenzene
Concen: 9.424 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	12.9	38.7

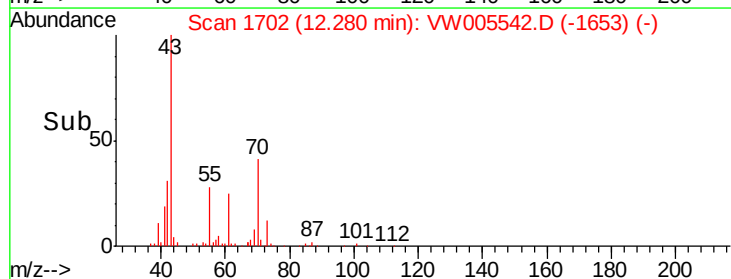
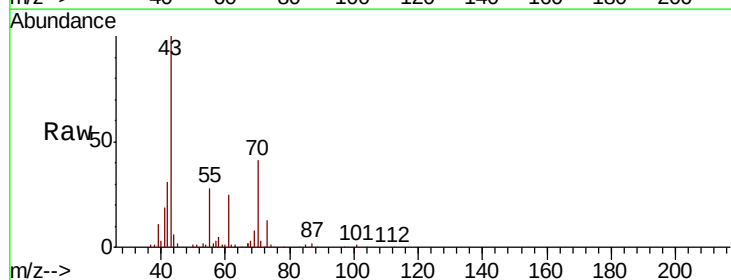
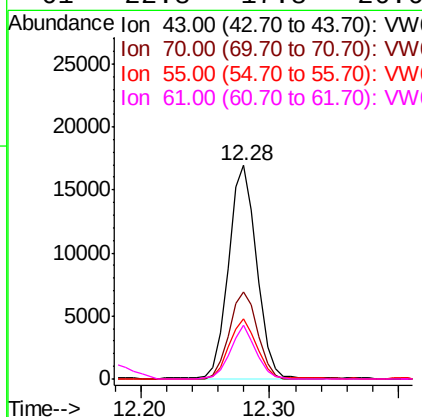
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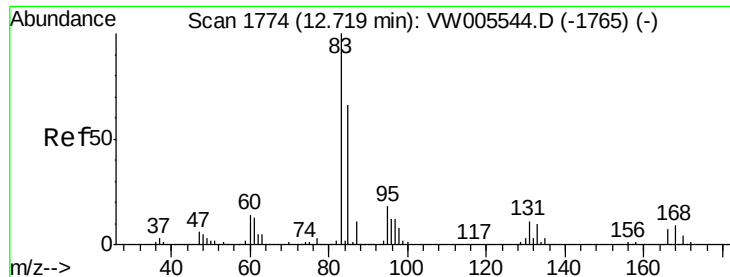
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#74
N-ethyl acetate
Concen: 10.053 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.9	31.4	47.0
55	28.2	20.9	31.3
61	22.8	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 11.070 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampled :

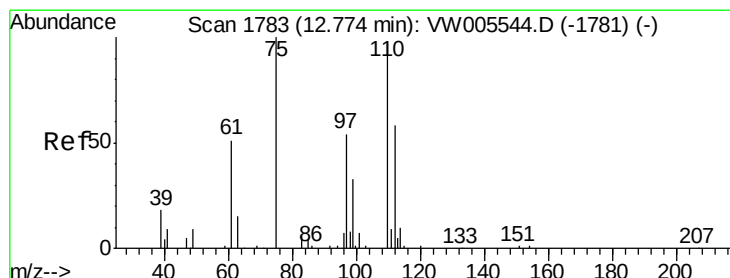
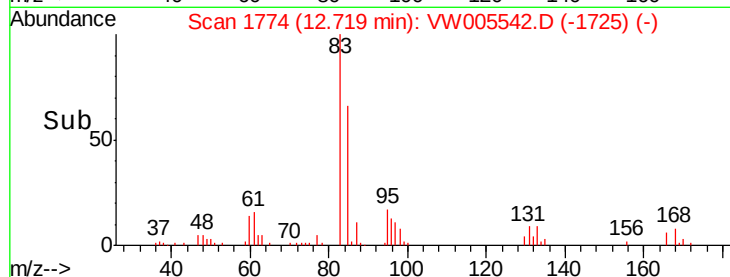
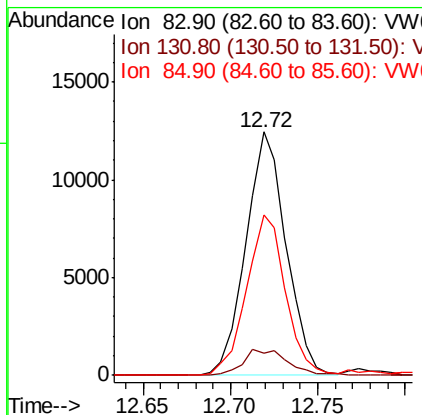
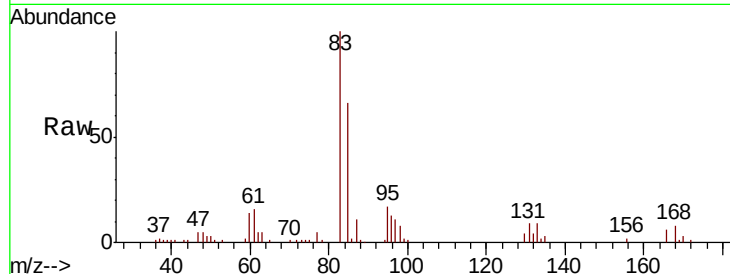
VSTDIC010

Tot Ion:	83	Resp:	19882
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.5	16.7
85	63.8	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 12.171 ug/l m

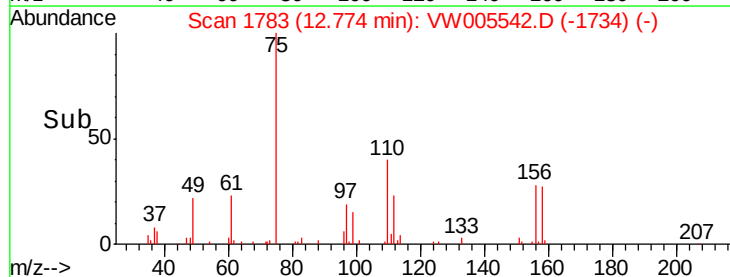
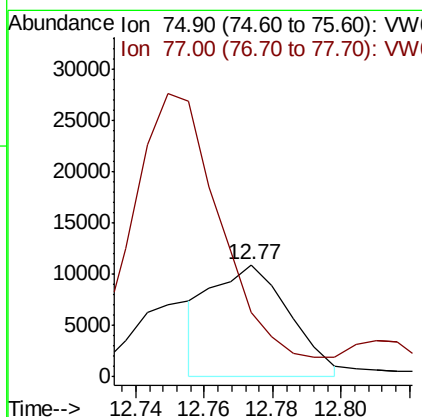
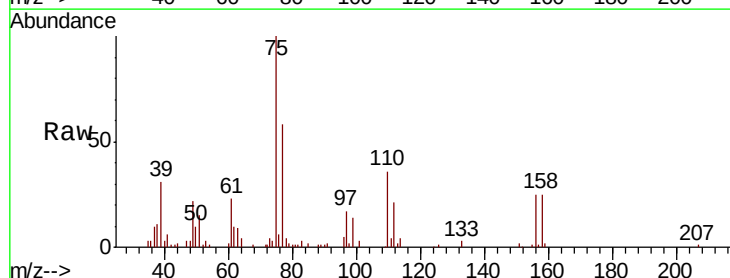
RT: 12.77 min Scan# 1783

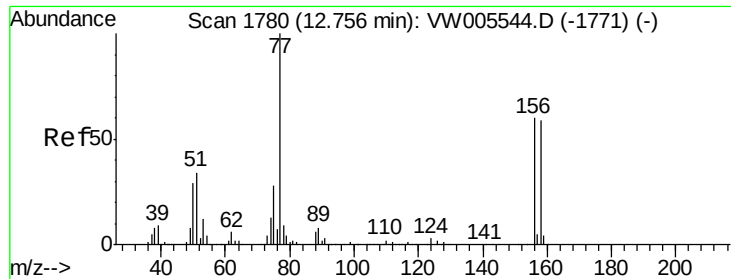
Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion:	75	Resp:	17367
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.754 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

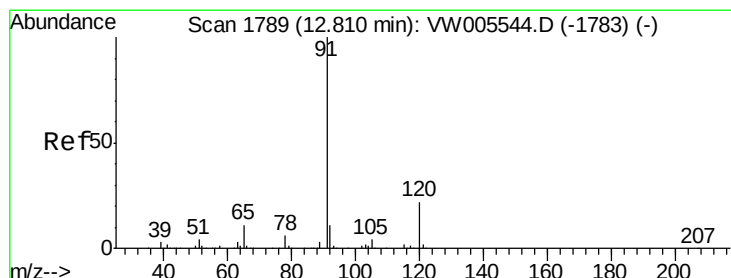
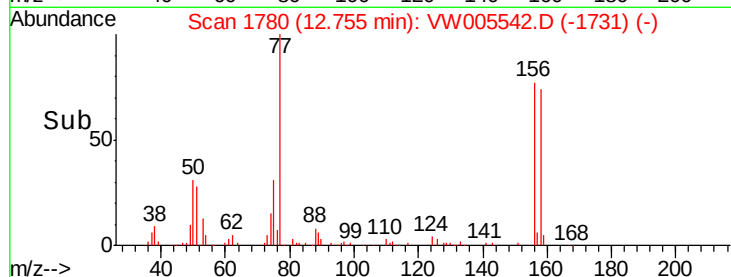
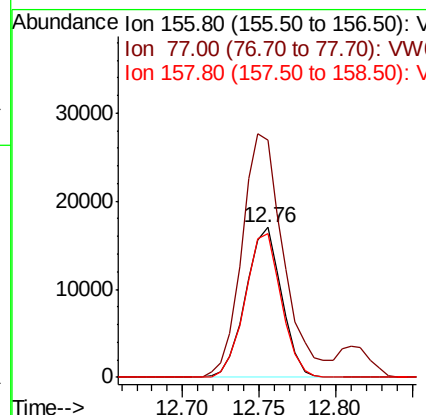
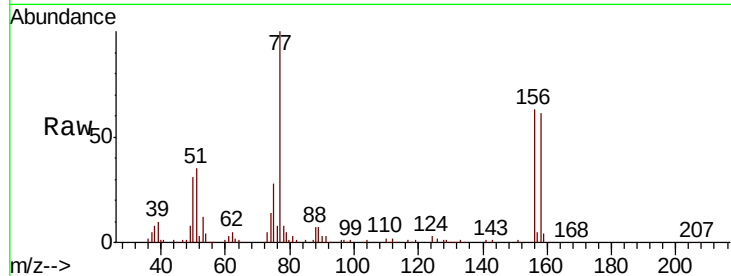
ClientSampled :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.8	94.7	284.1
158	96.6	48.0	144.2

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#78

n-propylbenzene

Concen: 9.659 ug/l

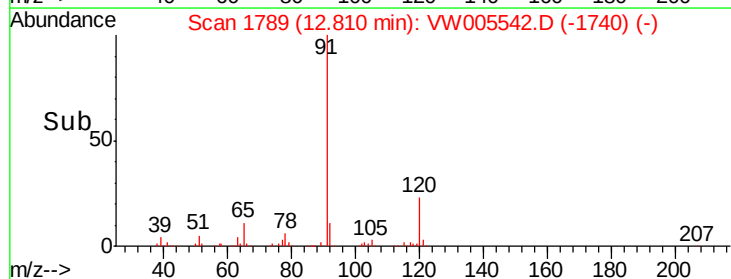
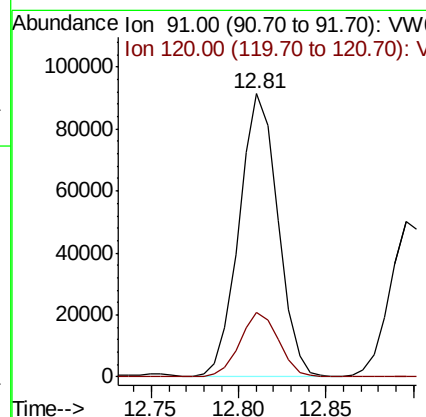
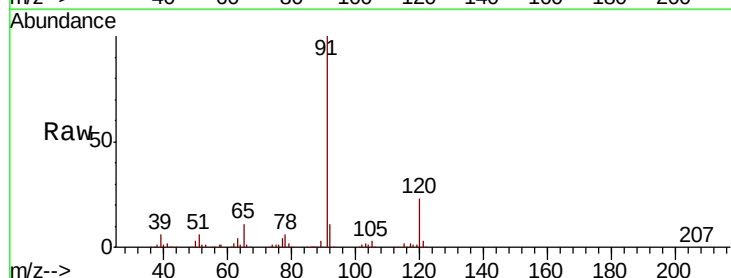
RT: 12.81 min Scan# 1789

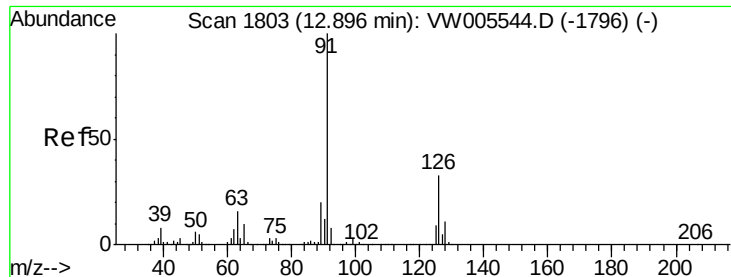
Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.2	33.5





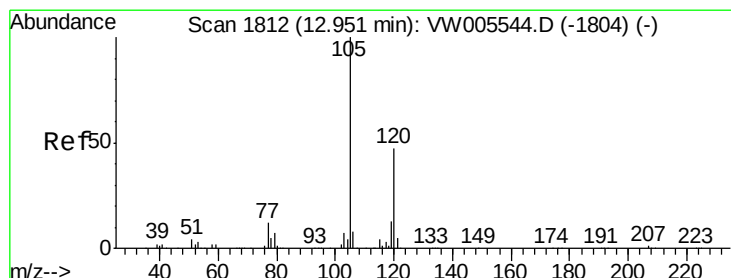
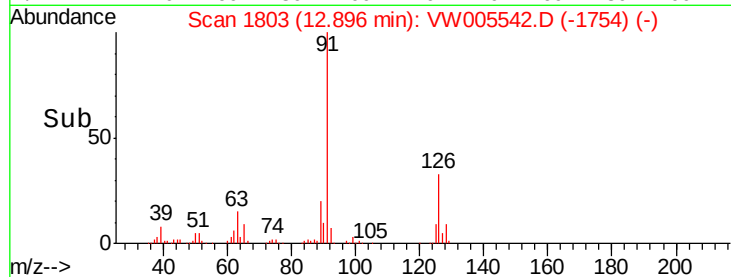
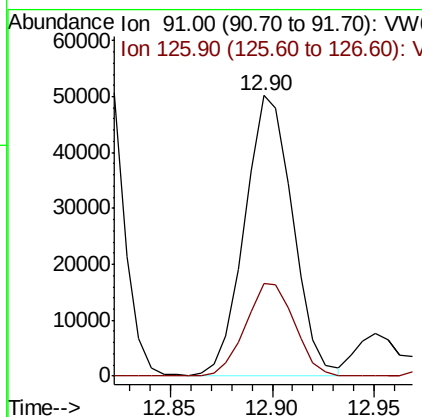
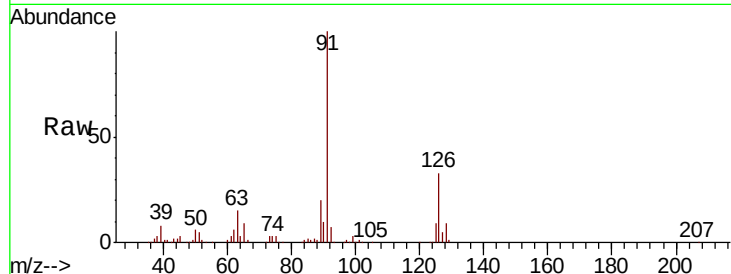
#79
 2-Chlorotoluene
 Concen: 9.602 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.4	49.1

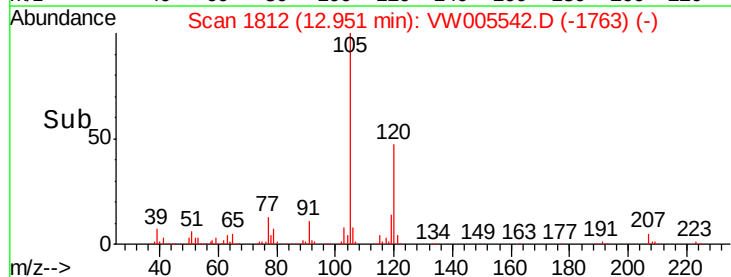
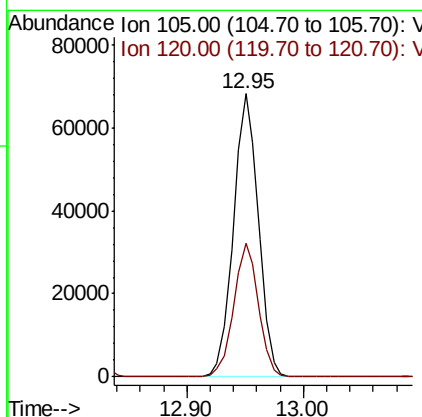
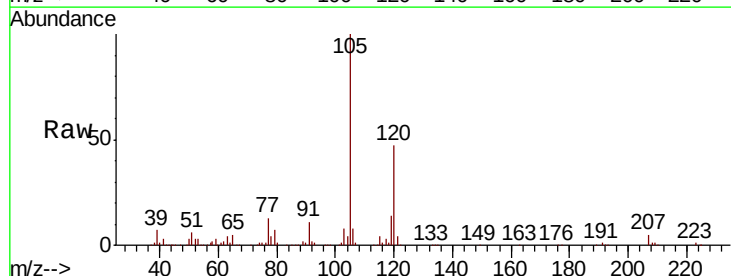
Manual Integrations
 APPROVED

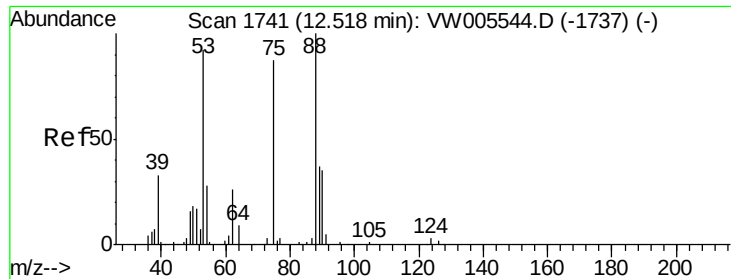
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#80
 1,3,5-Trimethylbenzene
 Concen: 9.703 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.6	70.8





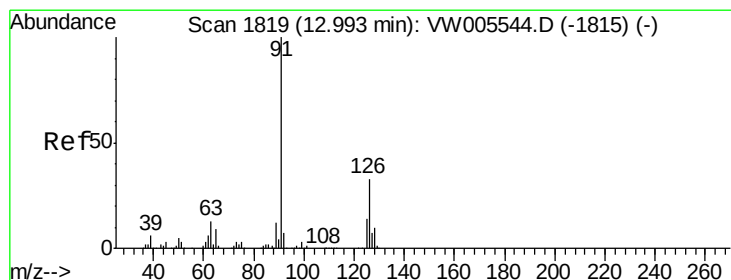
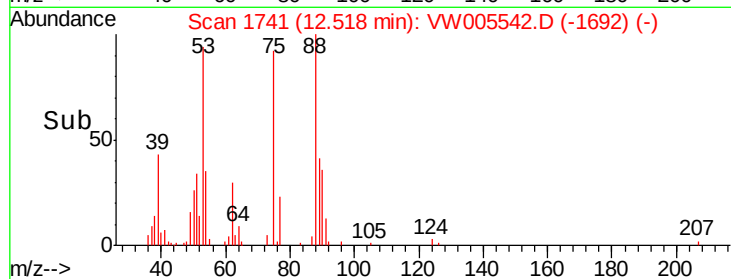
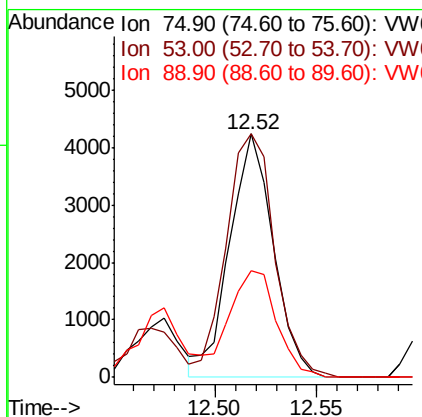
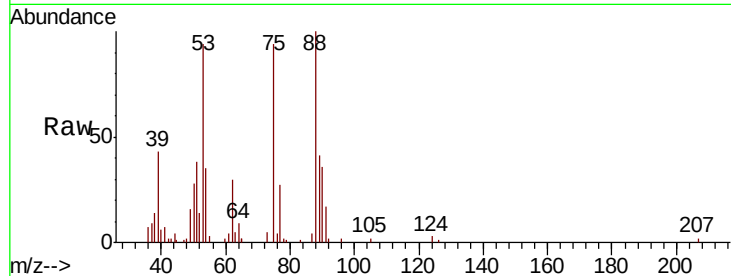
#81
trans-1,4-Dichloro-2-butene
Concen: 11.214 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.1	85.8	128.6
89	47.6	37.3	55.9

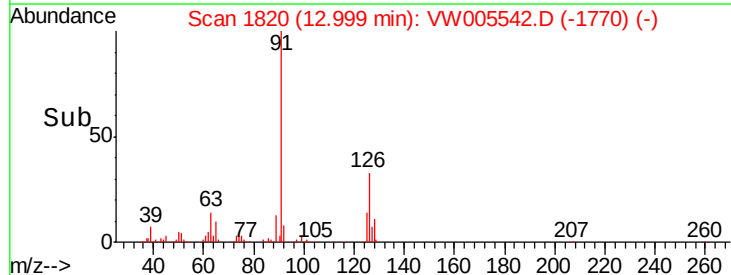
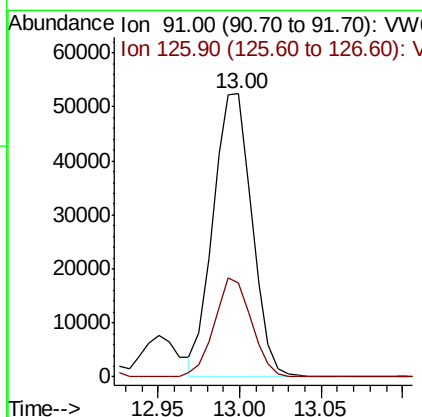
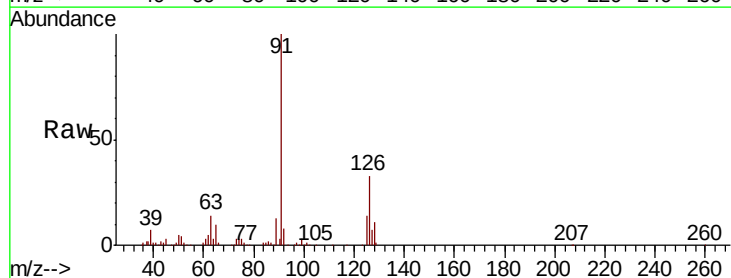
Manual Integrations
APPROVED

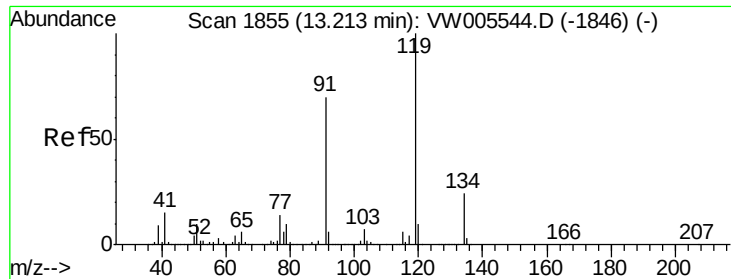
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#82
4-Chlorotoluene
Concen: 9.608 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.4	49.4





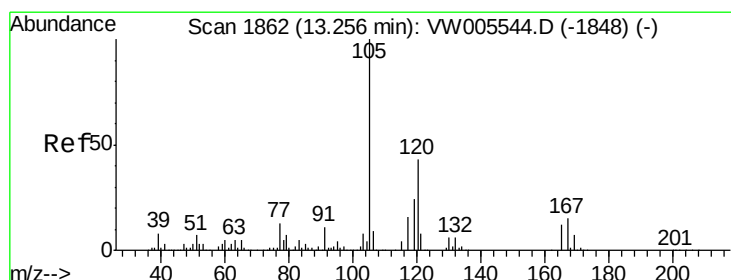
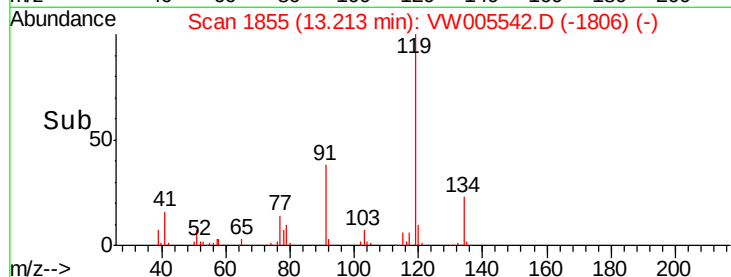
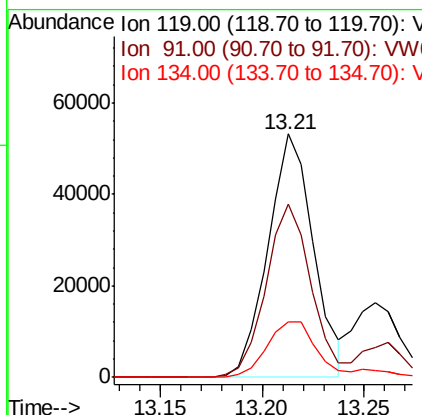
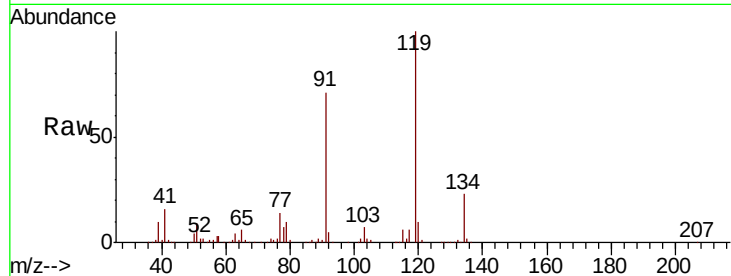
#83
tert-Butylbenzene
Concen: 9.497 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.1	34.6	103.8
134	24.8	12.6	37.6

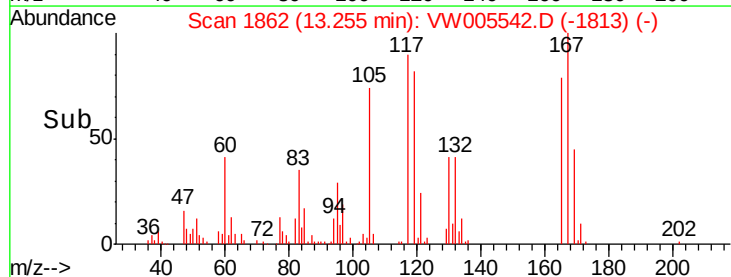
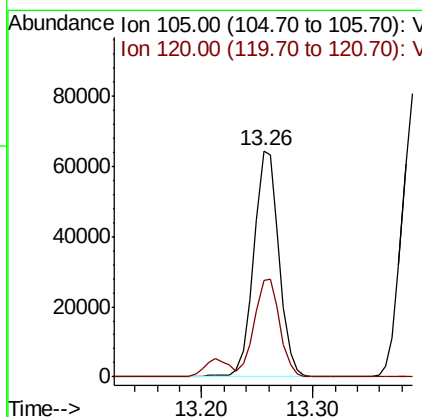
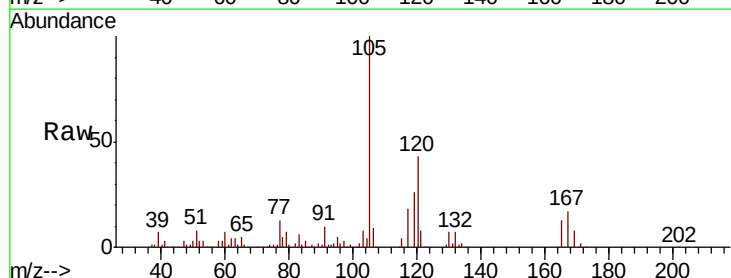
Manual Integrations
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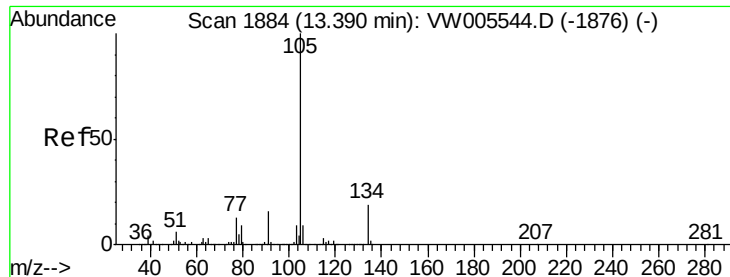
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#84
1,2,4-Trimethylbenzene
Concen: 9.544 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005542.D
Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.5	64.5





#85

sec-Butylbenzene

Concen: 9.838 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 124081

Ion Ratio Lower Upper

105 100

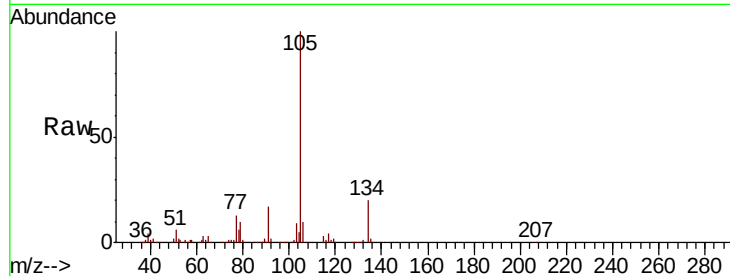
134 19.6 9.8 29.5

Manual Integrations

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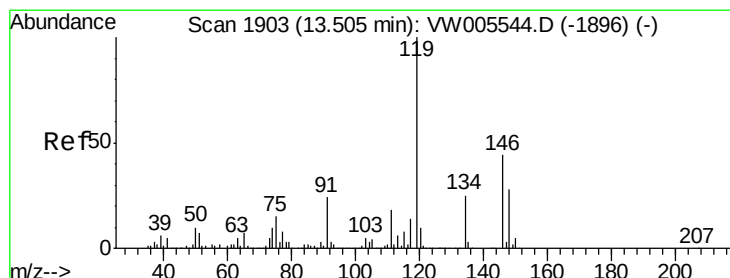
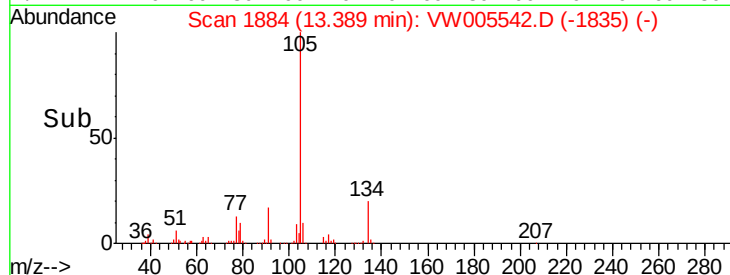
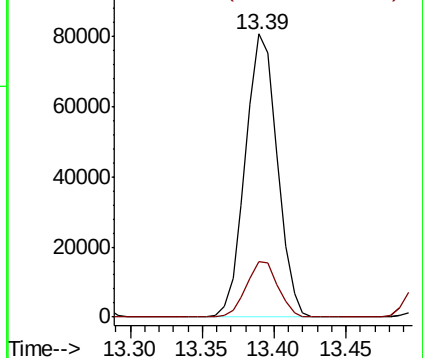
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.815 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

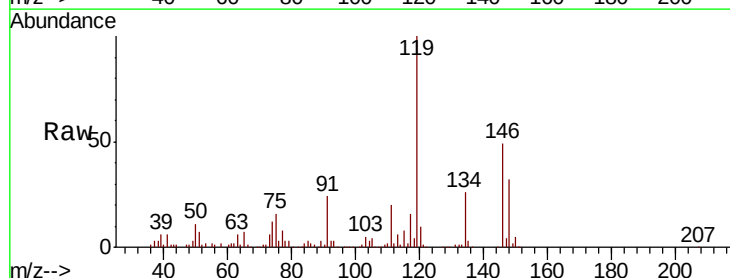
Tgt Ion:119 Resp: 110771

Ion Ratio Lower Upper

119 100

134 24.5 12.7 38.1

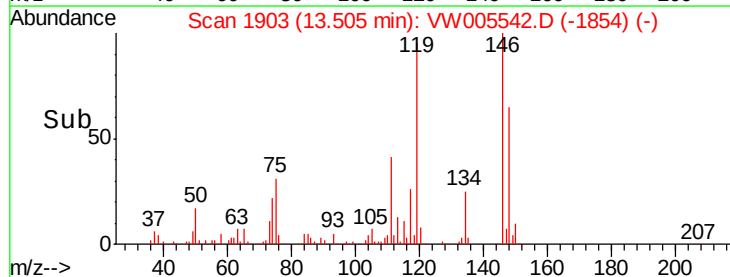
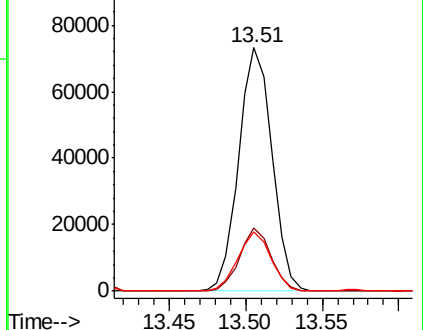
91 24.5 12.2 36.4

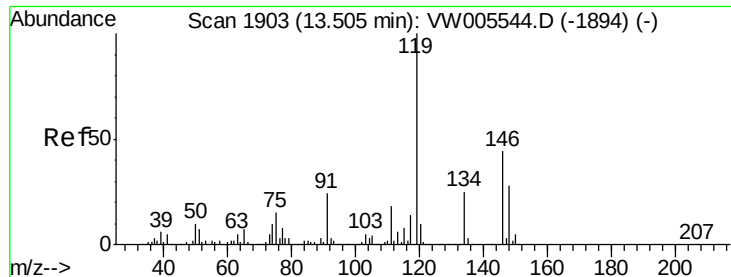


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 10.094 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

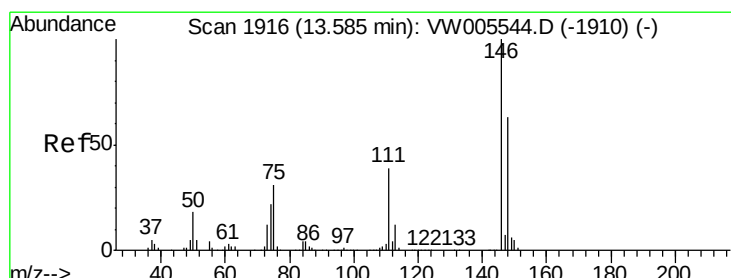
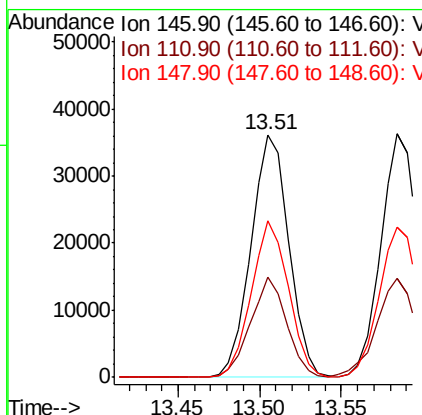
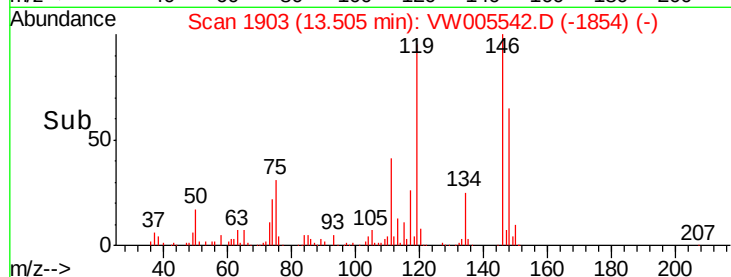
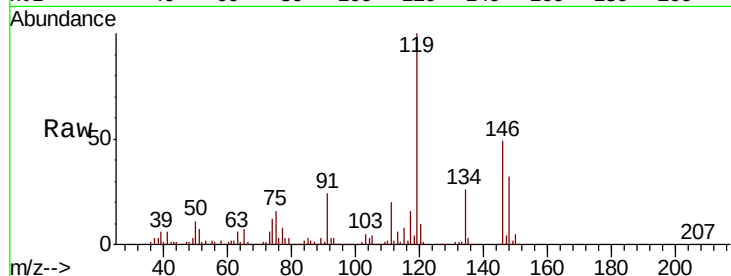
ClientSampleId :

VSTDIC010

Tot Ion:	146	Resp:	58273
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.3	60.9
148	63.5	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 10.173 ug/l

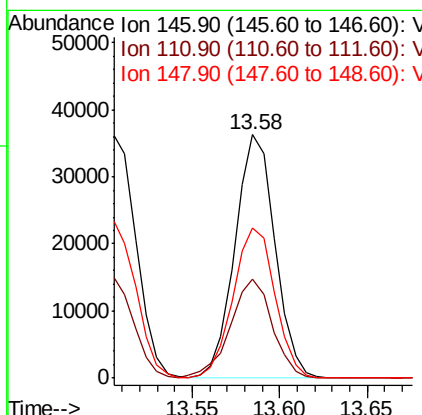
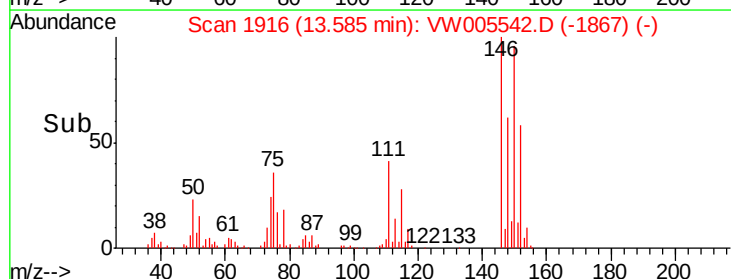
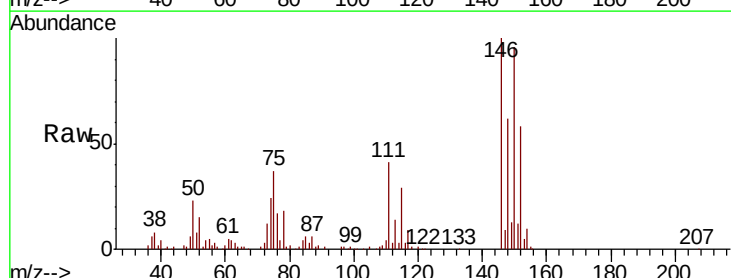
RT: 13.58 min Scan# 1916

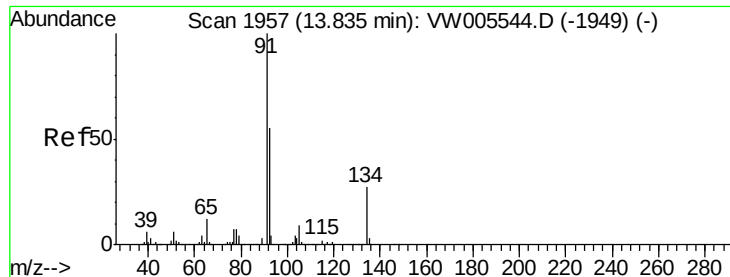
Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion:	146	Resp:	57751
Ion Ratio	Lower	Upper	
146	100		
111	42.8	19.9	59.7
148	64.7	32.1	96.3





#89

n-Butylbenzene

Concen: 9.831 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

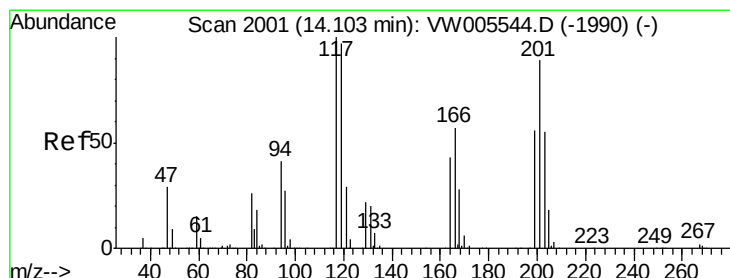
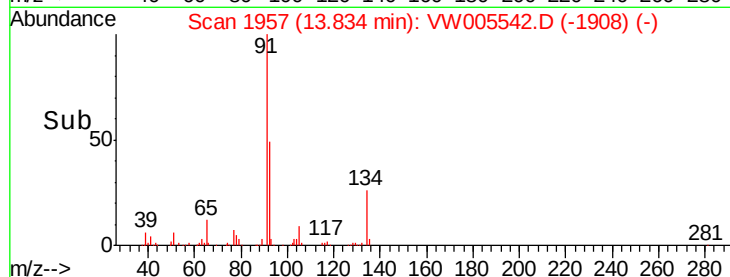
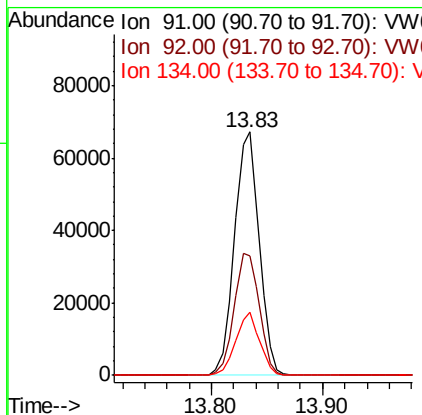
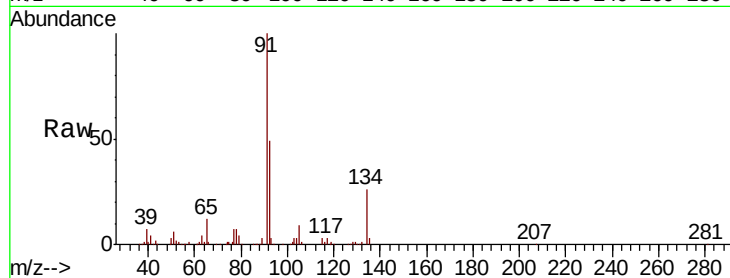
ClientSampled :

VSTDIC010

Tot Ion:	91	Resp:	103200
Ion	Ratio	Lower	Upper
91	100		
92	50.7	26.5	79.5
134	24.8	12.9	38.7

Manual Integrations
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#90

Hexachloroethane

Concen: 10.308 ug/l

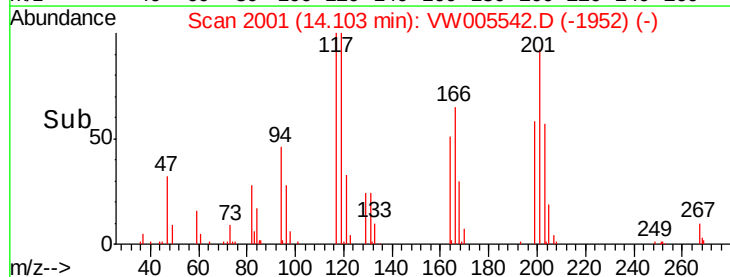
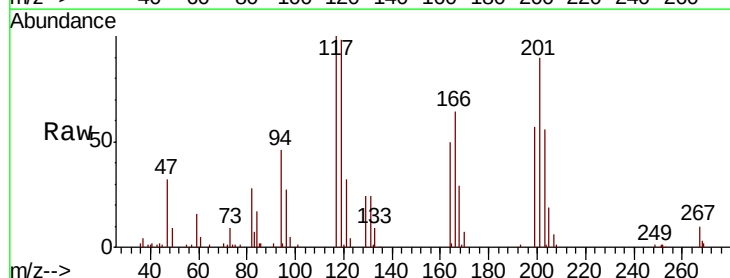
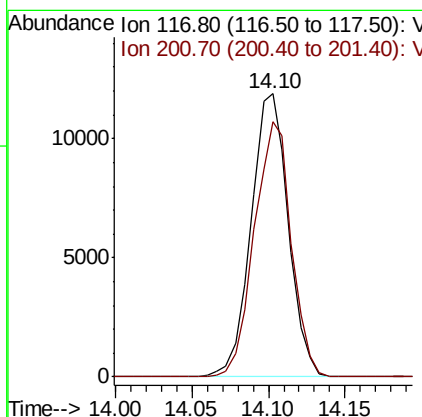
RT: 14.10 min Scan# 2001

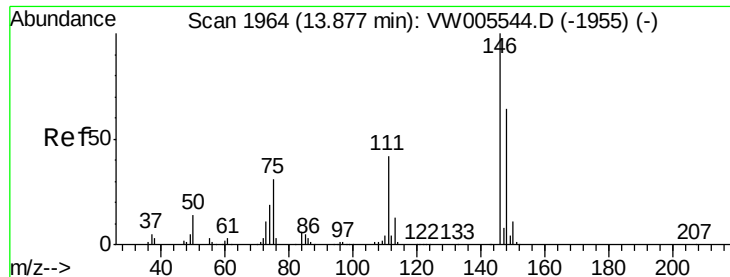
Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion:	117	Resp:	20094
Ion	Ratio	Lower	Upper
117	100		
201	89.5	42.8	128.3





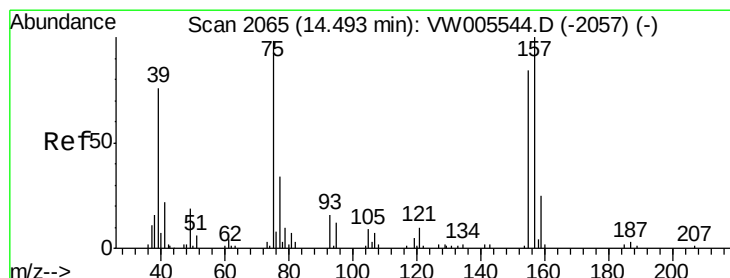
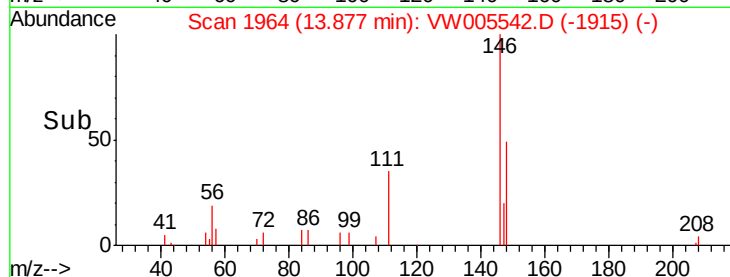
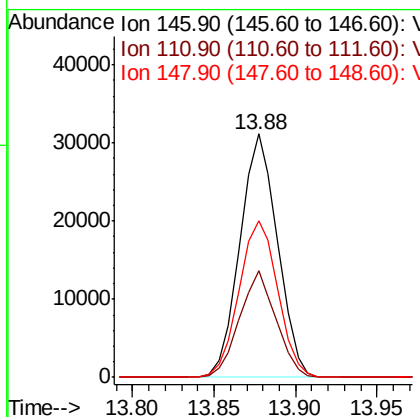
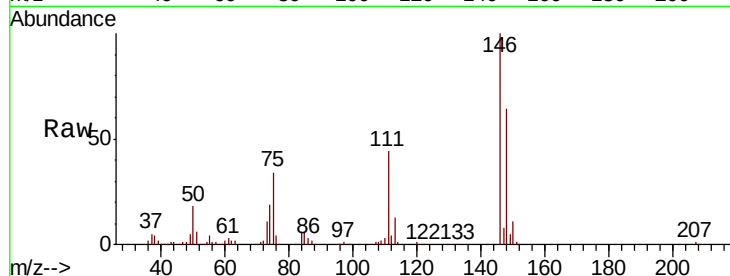
#91
 1,2-Dichlorobenzene
 Concen: 9.927 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.9
148	66.3	32.0	96.2

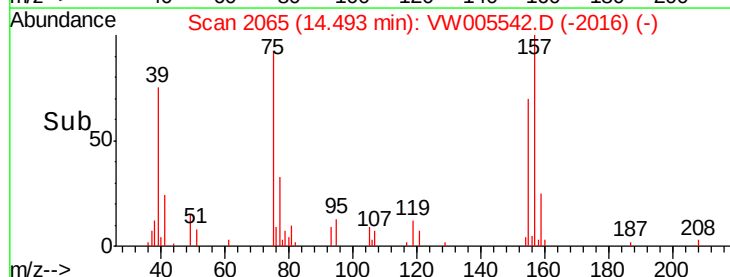
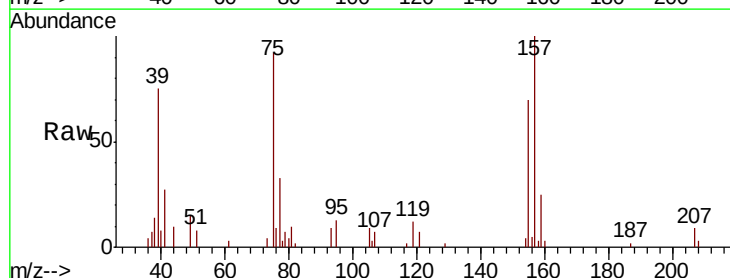
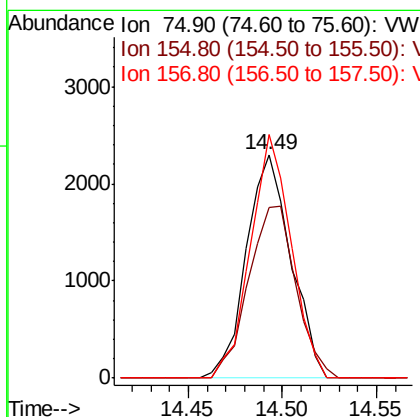
Manual Integrations
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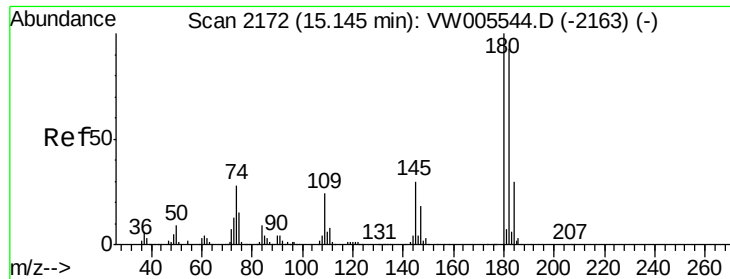
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.060 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.1	39.1	117.5
157	99.2	50.8	152.4





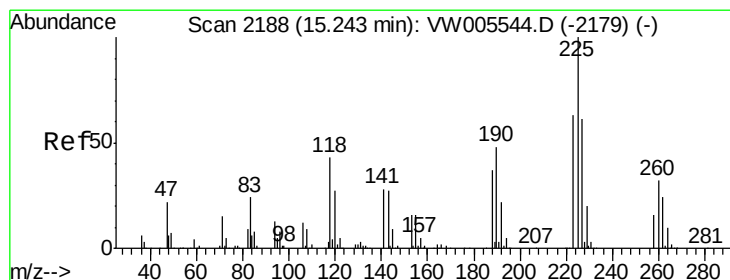
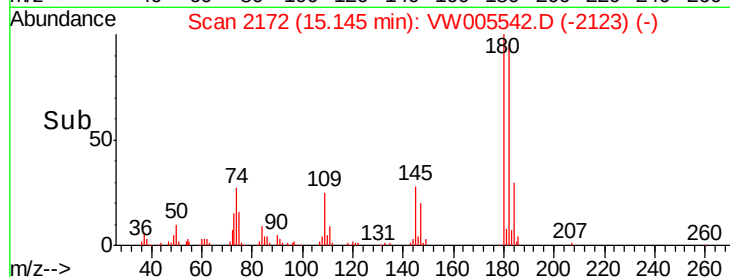
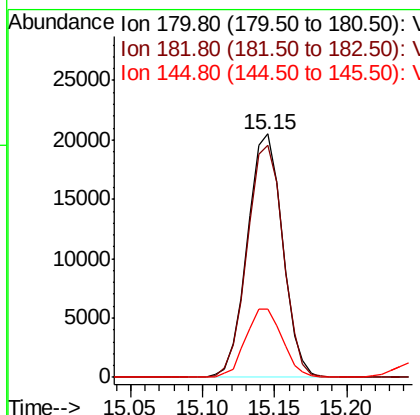
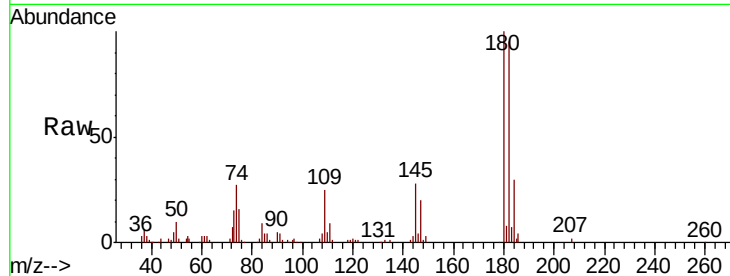
#93
 1,2,4-Trichlorobenzene
 Concen: 10.238 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	34670		
182	97.0		47.7	143.1
145	29.1		15.0	45.1

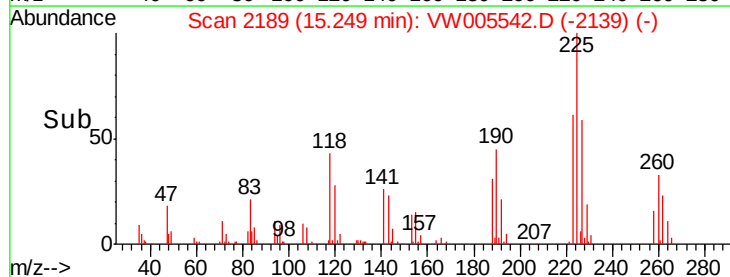
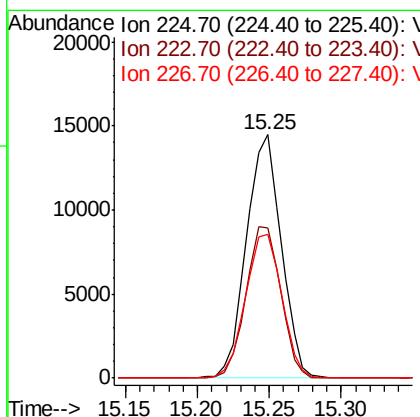
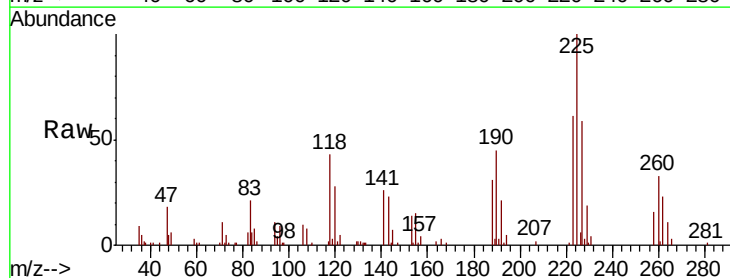
Manual Integrations
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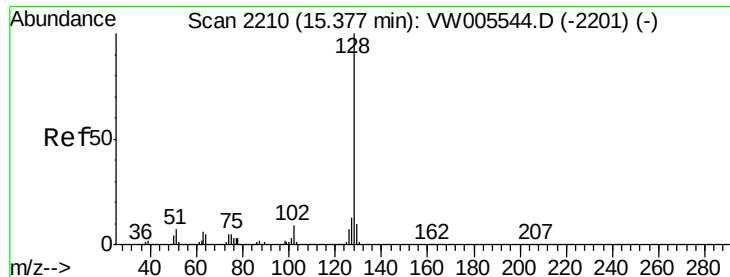
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#94
 Hexachlorobutadiene
 Concen: 10.973 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005542.D
 Acq: 20 Sep 2018 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24144		
223	62.1		31.1	93.3
227	61.9		31.8	95.3





#95

Naphthalene

Concen: 9.803 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Instrument :

MSVOA_W

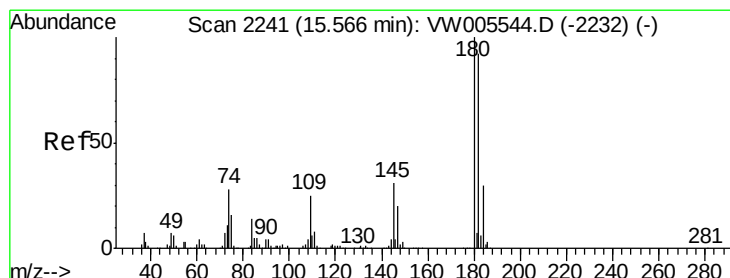
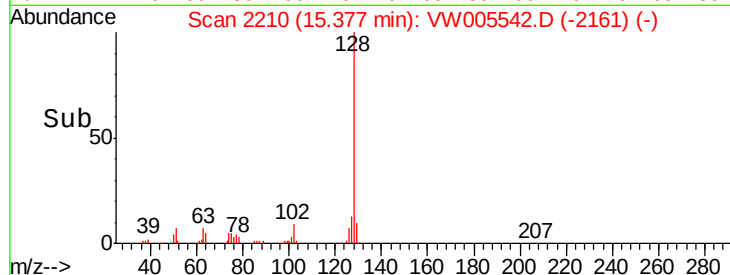
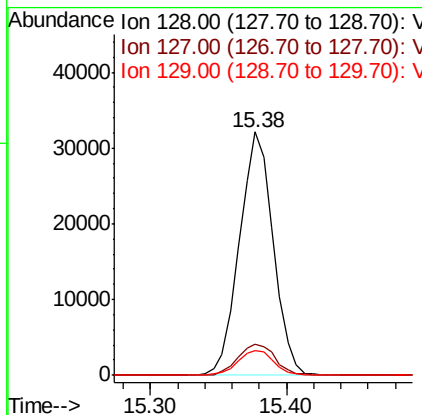
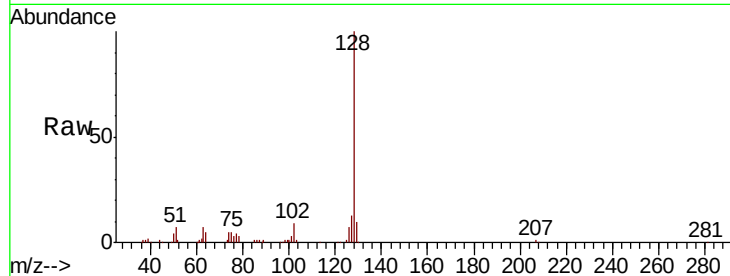
ClientSampleId :

VSTDIC010

Tot Ion:	128	Resp:	55615
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.9	16.3
129	10.6	8.6	13.0

Manual Integrations
APPROVED

apatel
9/21/2018 4:21:47 PM



#96

1,2,3-Trichlorobenzene

Concen: 10.360 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005542.D

Acq: 20 Sep 2018 21:02

Tgt Ion:	180	Resp:	30737
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.3	141.9
145	34.1	16.0	47.9

