

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006544.D
 Acq On : 01 Nov 2018 00:21
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Nov 01 03:34:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	418304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	219560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	49817	20.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.06%	
35) Dibromofluoromethane	7.88	113	51651	20.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.30%	
50) Toluene-d8	10.33	98	199282	20.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.76%	
62) 4-Bromofluorobenzene	12.62	95	72167	20.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34037	24.010	ug/l	99
3) Chloromethane	2.21	50	40013	21.766	ug/l	100
4) Vinyl Chloride	2.37	62	57245	21.920	ug/l	98
5) Bromomethane	2.79	94	48096	20.352	ug/l	97
6) Chloroethane	2.93	64	39978	21.431	ug/l	98
7) Trichlorofluoromethane	3.26	101	47848	19.873	ug/l	95
8) Diethyl Ether	3.68	74	25947	20.314	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53196	20.799	ug/l	99
10) Methyl Iodide	4.27	142	95687	22.241	ug/l	100
11) Tert butyl alcohol	5.23	59	13858	87.530	ug/l	98
12) 1,1-Dichloroethene	4.03	96	50265	20.811	ug/l	95
13) Acrolein	3.90	56	17238	108.347	ug/l	99
14) Allyl chloride	4.67	41	65244	19.124	ug/l	100
15) Acrylonitrile	5.38	53	45913	98.606	ug/l	99
16) Acetone	4.15	43	42135	82.404	ug/l	100
17) Carbon Disulfide	4.38	76	142813	19.798	ug/l	100
18) Methyl Acetate	4.68	43	23782	19.868	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	74904	20.452	ug/l	100
20) Methylene Chloride	4.91	84	66563	23.427	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	57034	21.135	ug/l	98
22) Diisopropyl ether	6.32	45	137376	20.223	ug/l	98
23) Vinyl Acetate	6.26	43	373468	93.760	ug/l	99
24) 1,1-Dichloroethane	6.22	63	92850	21.088	ug/l	99
25) 2-Butanone	7.18	43	59320	92.403	ug/l	100
26) 2,2-Dichloropropane	7.17	77	55497	18.217	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	63369	21.213	ug/l	99
28) Bromochloromethane	7.51	49	34933	20.602	ug/l	100
29) Tetrahydrofuran	7.54	42	36658	92.746	ug/l	99
30) Chloroform	7.68	83	102428	21.264	ug/l	99
31) Cyclohexane	7.96	56	84001	19.389	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	86618	20.162	ug/l	99
36) 1,1-Dichloropropene	8.09	75	78555	20.524	ug/l	99
37) Ethyl Acetate	7.26	43	25540	18.048	ug/l	99
38) Carbon Tetrachloride	8.07	117	82117	19.707	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99745	19.705	ug/l	98
40) Benzene	8.32	78	223096	21.082	ug/l	99
41) Methacrylonitrile	7.49	41	16301	19.248	ug/l	97
42) 1,2-Dichloroethane	8.40	62	63470	20.548	ug/l	99
43) Isopropyl Acetate	8.43	43	51590	17.945	ug/l	100
44) Trichloroethene	9.09	130	67684	20.837	ug/l	95
45) 1,2-Dichloropropane	9.37	63	52349	20.755	ug/l	99
46) Dibromomethane	9.46	93	30434	21.110	ug/l	99
47) Bromodichloromethane	9.65	83	69403	19.924	ug/l	97
48) Methyl methacrylate	9.44	41	25068	18.344	ug/l	98
49) 1,4-Dioxane	9.49	88	8665	393.072	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	133458	92.201	ug/l	99
52) Toluene	10.39	92	149183	21.033	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	66056	19.111	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79776	20.063	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42437	20.987	ug/l	97
56) Ethyl methacrylate	10.65	69	46879	19.040	ug/l	96
57) 1,3-Dichloropropane	10.94	76	68383	20.490	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	113129	115.650	ug/l	100
59) 2-Hexanone	10.98	43	91803	89.205	ug/l	97
60) Dibromochloromethane	11.13	129	49457	19.727	ug/l	99
61) 1,2-Dibromoethane	11.24	107	42396	20.996	ug/l	98
64) Tetrachloroethene	10.87	164	65919	21.603	ug/l	98
65) Chlorobenzene	11.66	112	175003	20.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	60740	20.506	ug/l	99
67) Ethyl Benzene	11.74	91	292977	20.335	ug/l	99
68) m/p-Xylenes	11.84	106	234452	41.087	ug/l	100
69) o-Xylene	12.17	106	110359	20.285	ug/l	99
70) Styrene	12.18	104	180641	20.397	ug/l	100
71) Bromoform	12.35	173	30222	18.441	ug/l #	99
73) Isopropylbenzene	12.47	105	303665	19.723	ug/l	100
74) N-amyl acetate	12.28	43	49709	16.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47247	20.171	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	35926m	21.145	ug/l	
77) Bromobenzene	12.75	156	79135	20.854	ug/l	99
78) n-propylbenzene	12.81	91	354999	19.878	ug/l	100
79) 2-Chlorotoluene	12.90	91	203544	20.268	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	261235	20.156	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11742	17.070	ug/l	97
82) 4-Chlorotoluene	12.99	91	213835	20.248	ug/l	100
83) tert-Butylbenzene	13.21	119	230643	19.880	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	268193	20.388	ug/l	99
85) sec-Butylbenzene	13.39	105	325325	19.907	ug/l	100
86) p-Isopropyltoluene	13.51	119	293362	19.829	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	156490	20.725	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	156231	20.795	ug/l	99
89) n-Butylbenzene	13.83	91	263807	19.552	ug/l	100
90) Hexachloroethane	14.10	117	46745	18.747	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	140873	20.910	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7389	17.884	ug/l	95

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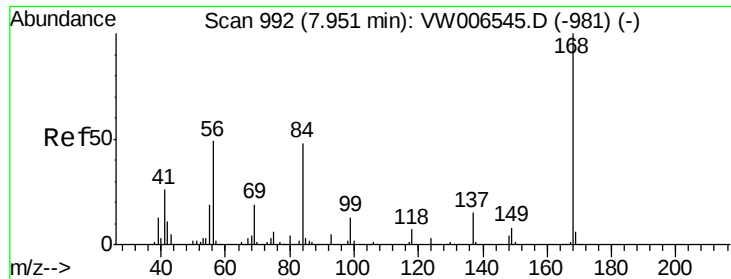
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	104635	20.170	ug/l	99
94) Hexachlorobutadiene	15.24	225	66036	20.394	ug/l	100
95) Naphthalene	15.38	128	163665	19.040	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	92615	20.611	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 289817

Ion Ratio Lower Upper

168 100

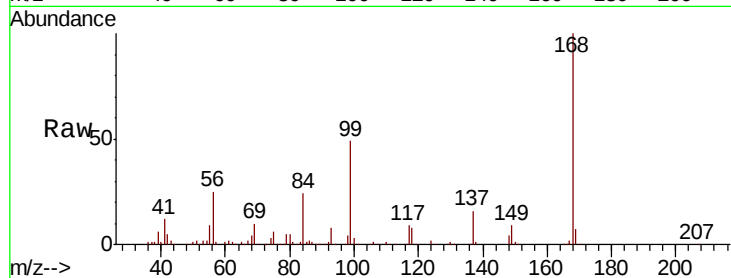
99 48.7 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

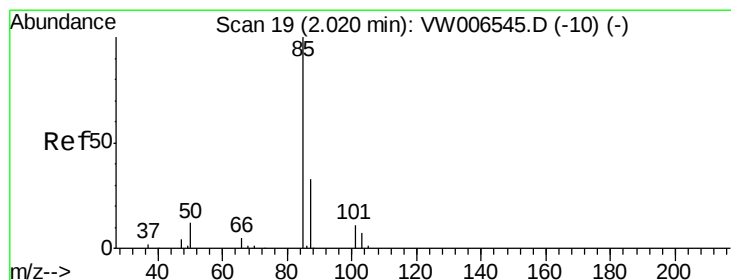
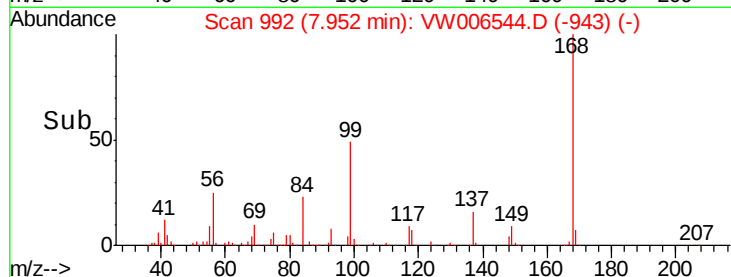
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 24.010 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006544.D

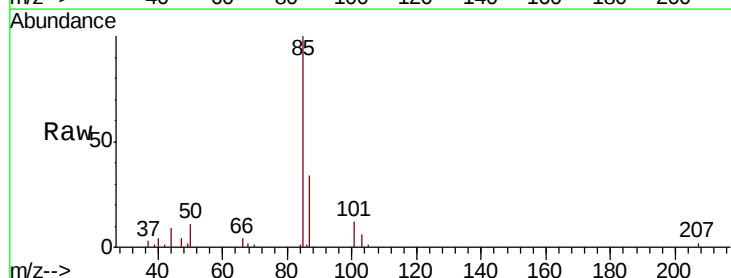
Acq: 01 Nov 2018 00:21

Tgt Ion: 85 Resp: 34037

Ion Ratio Lower Upper

85 100

87 34.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

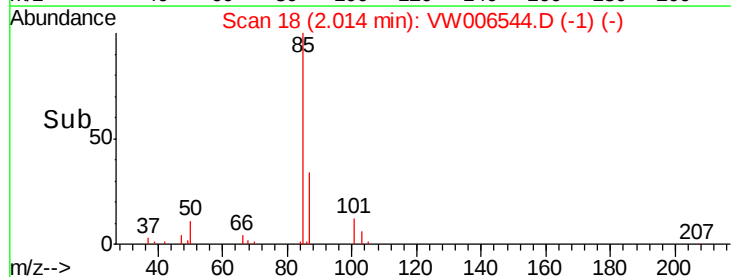
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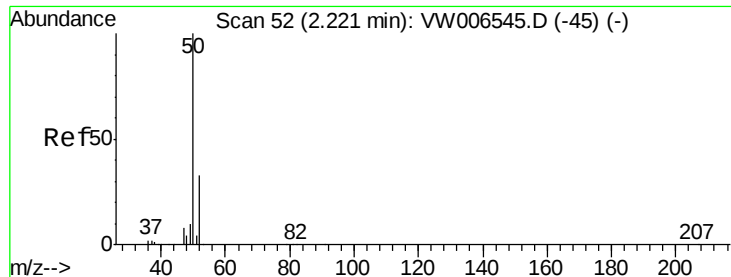
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 21.766 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 40013

Ion Ratio Lower Upper

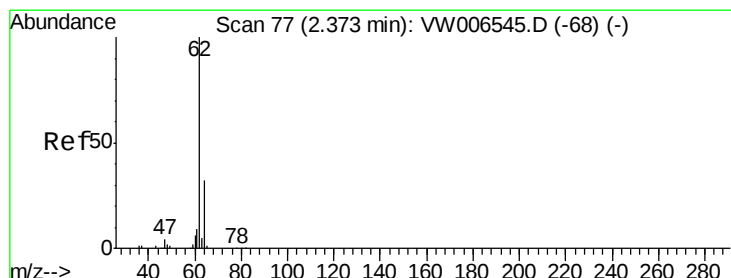
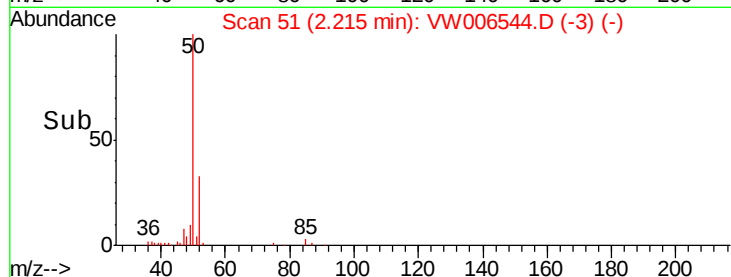
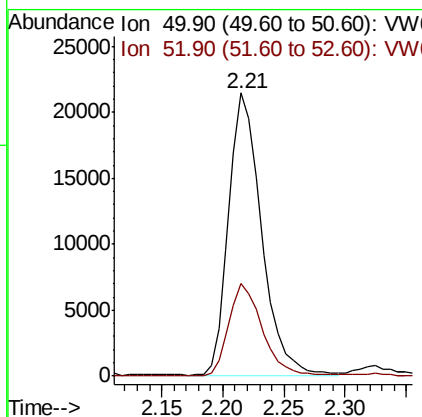
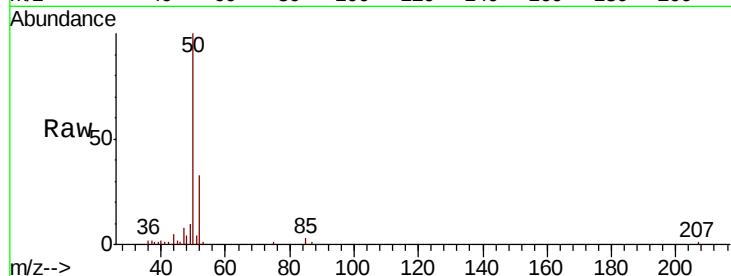
50 100

52 32.8 26.2 39.4

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#4

Vinyl Chloride

Concen: 21.920 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006544.D

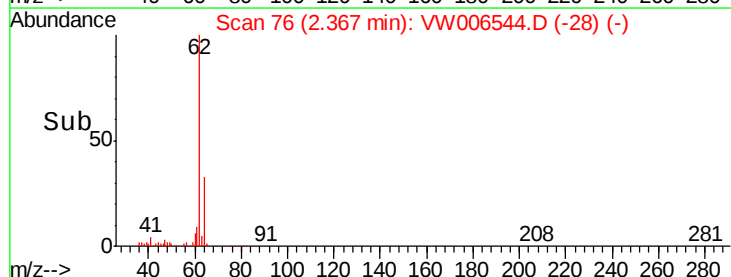
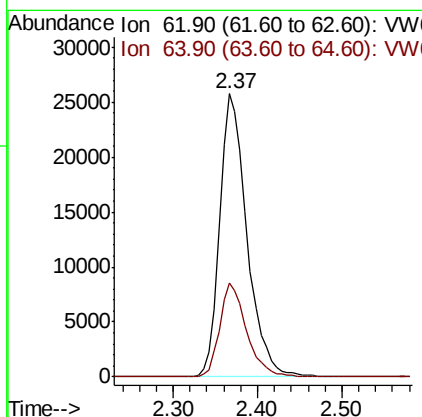
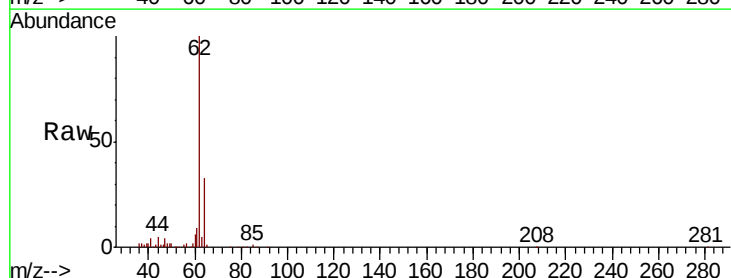
Acq: 01 Nov 2018 00:21

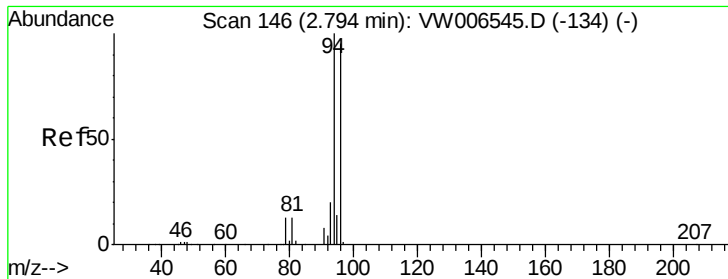
Tgt Ion: 62 Resp: 57245

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.0





#5

Bromomethane

Concen: 20.352 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 94 Resp: 48096

Ion Ratio Lower Upper

94 100

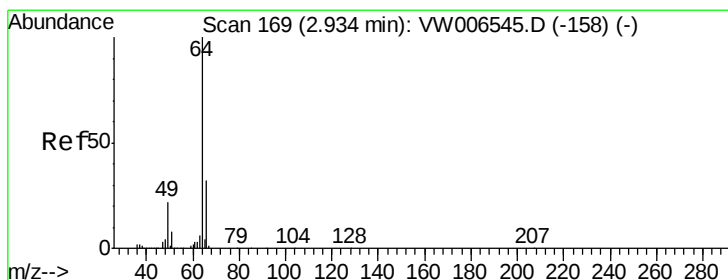
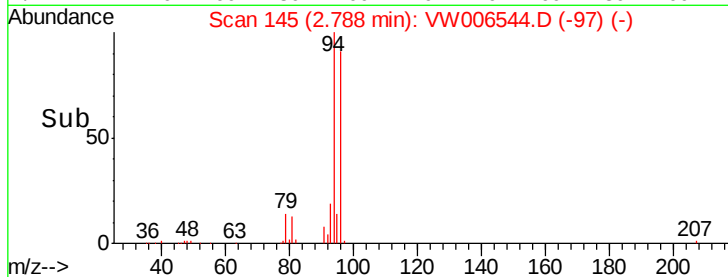
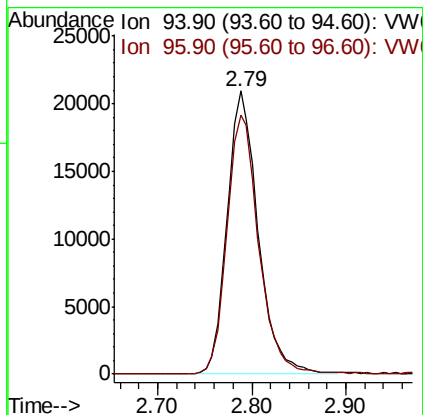
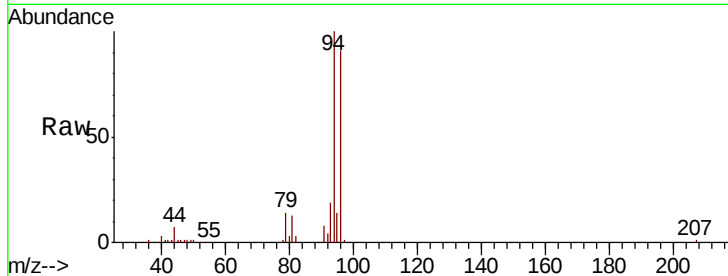
96 91.4 75.7 113.5

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#6

Chloroethane

Concen: 21.431 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006544.D

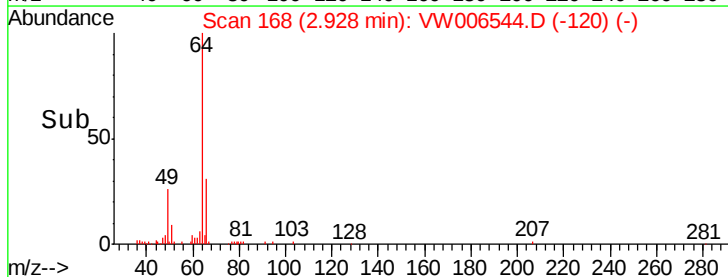
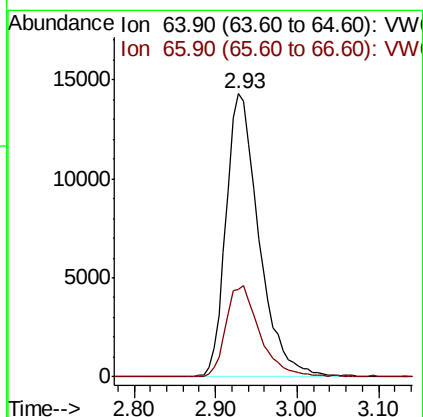
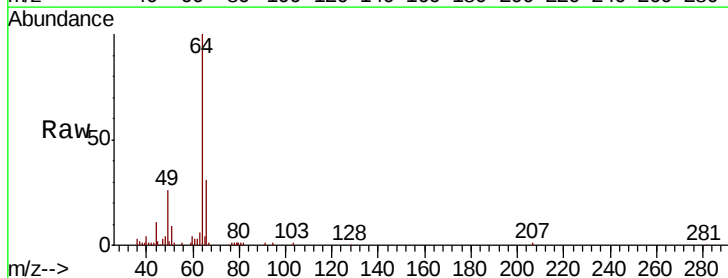
Acq: 01 Nov 2018 00:21

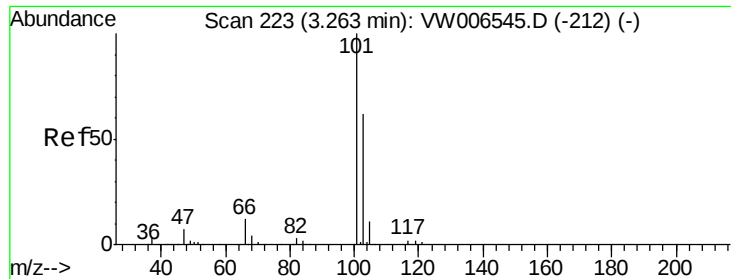
Tgt Ion: 64 Resp: 39978

Ion Ratio Lower Upper

64 100

66 31.1 25.9 38.9





#7

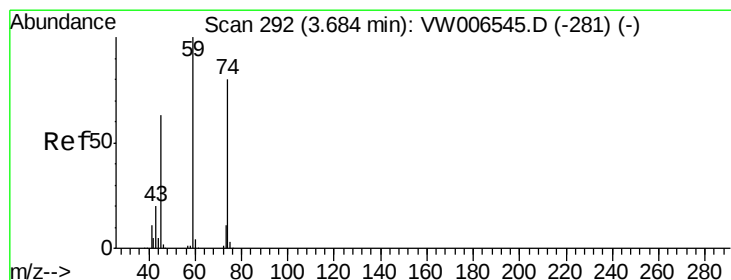
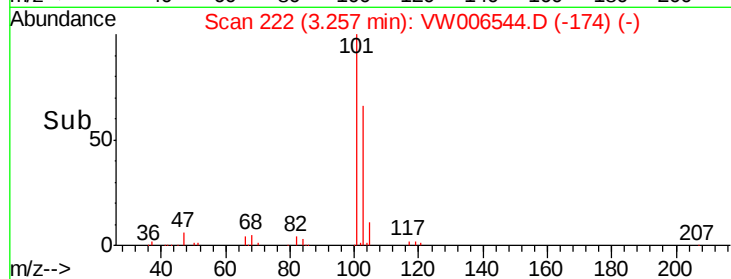
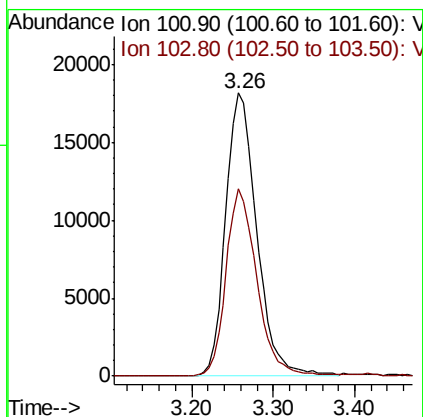
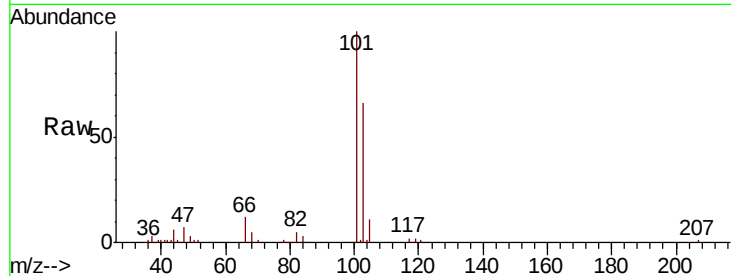
Trichlorofluoromethane
 Concen: 19.873 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100	100	47848		
103	66.4	49.8	74.8		

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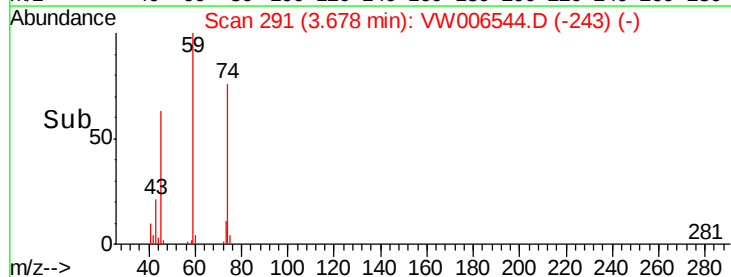
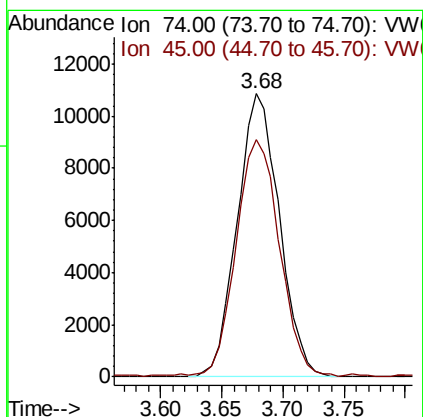
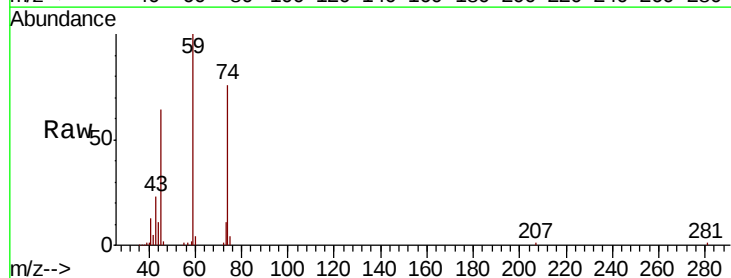
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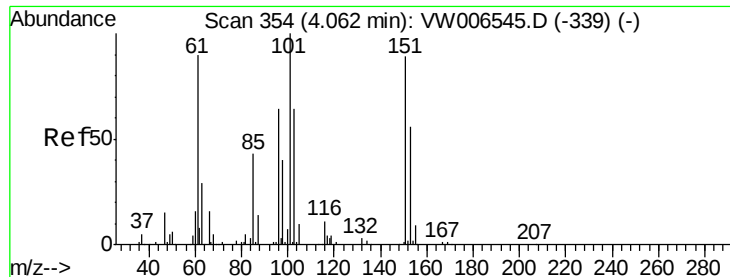


#8

Diethyl Ether
 Concen: 20.314 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100	100	25947		
45	87.0	41.1	123.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.799 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

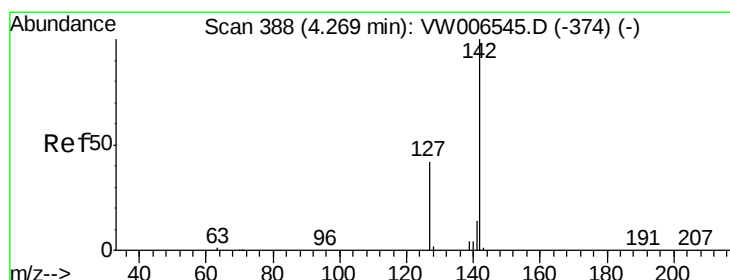
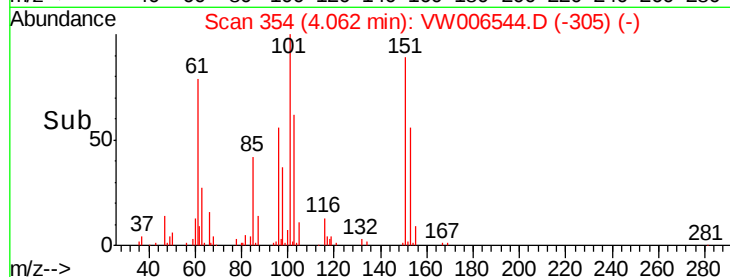
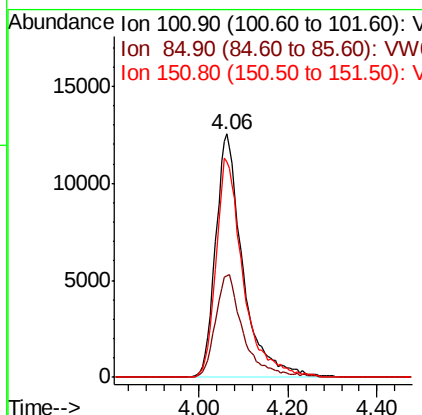
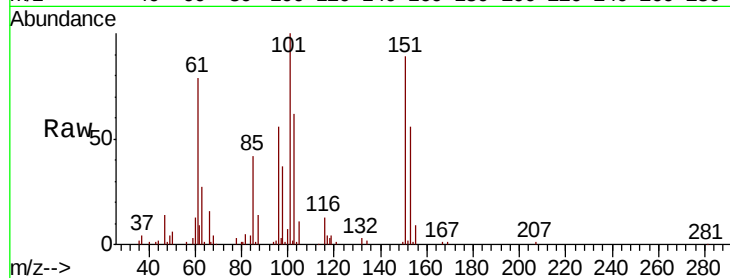
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	53196
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.2
151	89.8	70.7	106.1

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#10

Methyl Iodide

Concen: 22.241 ug/l

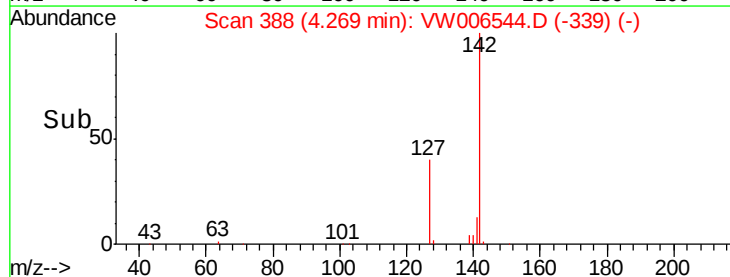
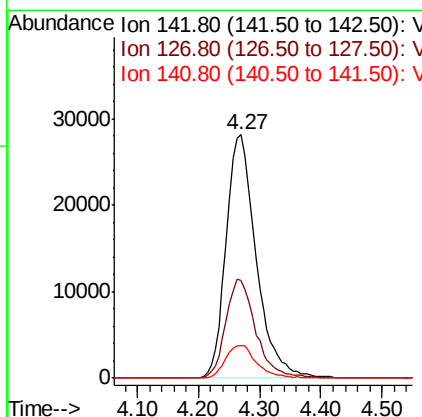
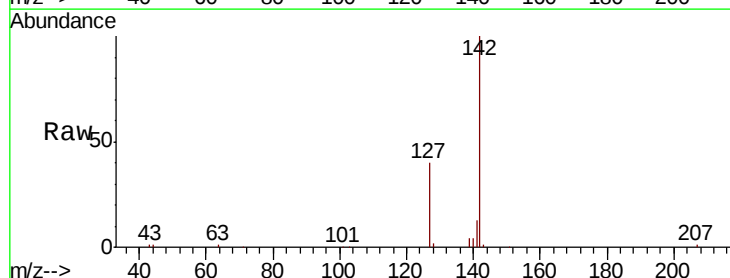
RT: 4.27 min Scan# 388

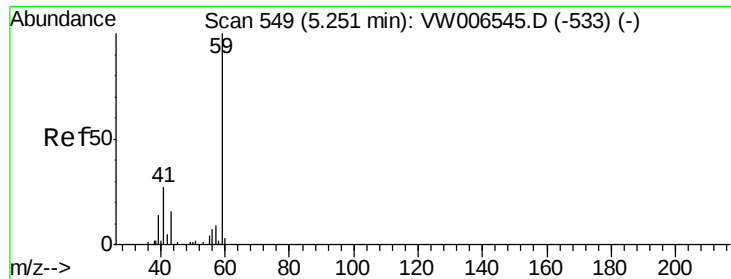
Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Tgt Ion:	142	Resp:	95687
Ion Ratio	Lower	Upper	
142	100		
127	40.2	32.3	48.5
141	13.7	11.3	16.9





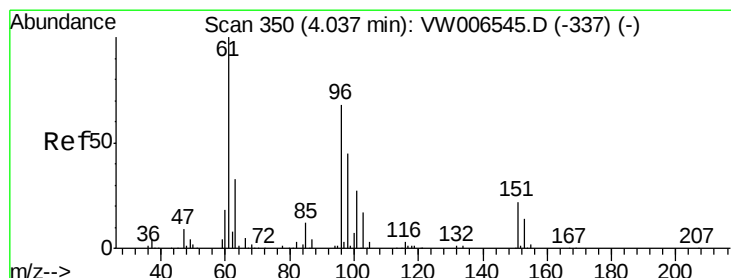
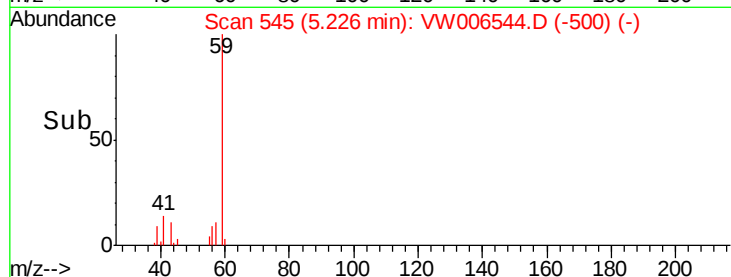
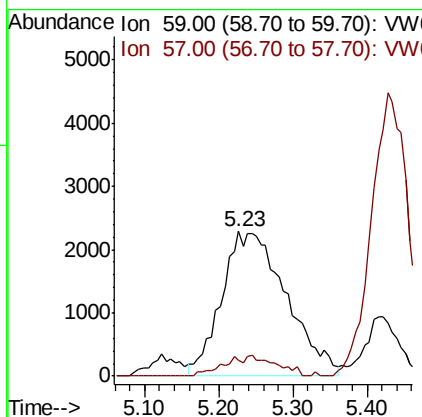
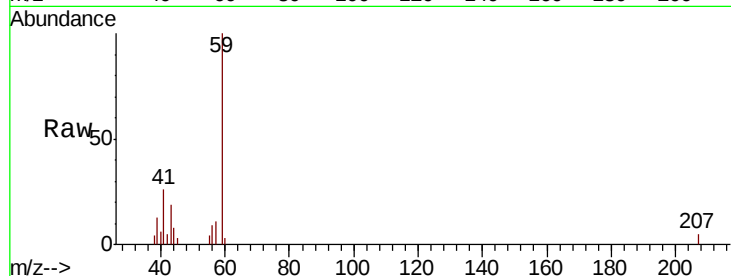
#11
Tert butyl alcohol
Concen: 87.530 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.02 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	59	57	Ratio	Lower	Upper
13858	100	4.6		4.3	6.5

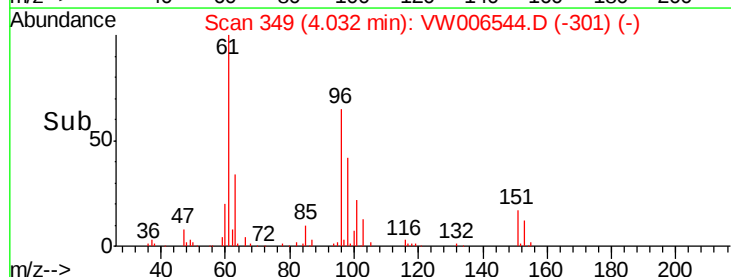
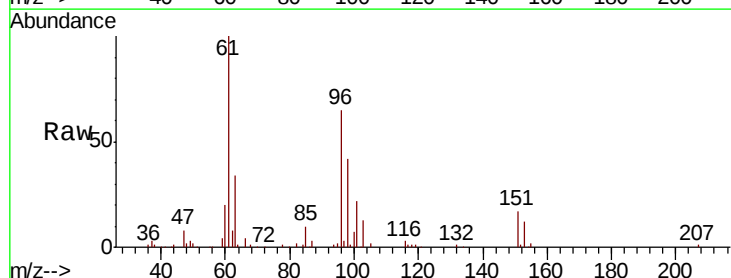
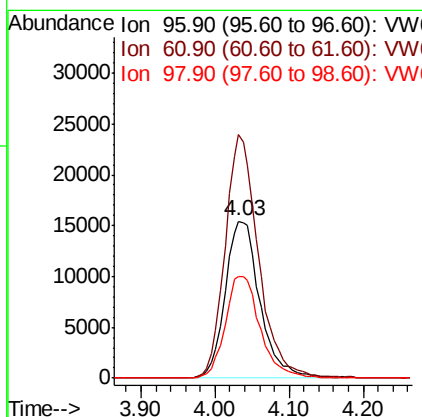
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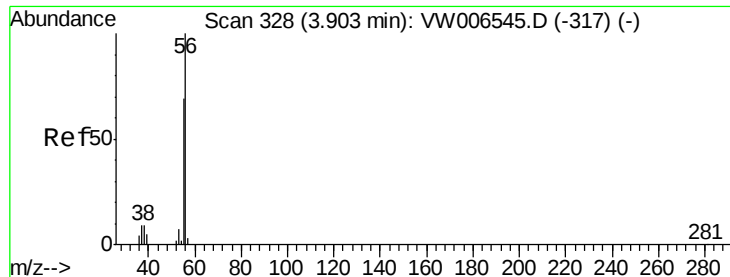
apatel
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#12
1,1-Dichloroethene
Concen: 20.811 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	96	61	98	Ratio	Lower	Upper
50265	100	155.0	64.9		117.0	175.4
					52.5	78.7





#13

Acrolein

Concen: 108.347 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 17238

Ion Ratio Lower Upper

56 100

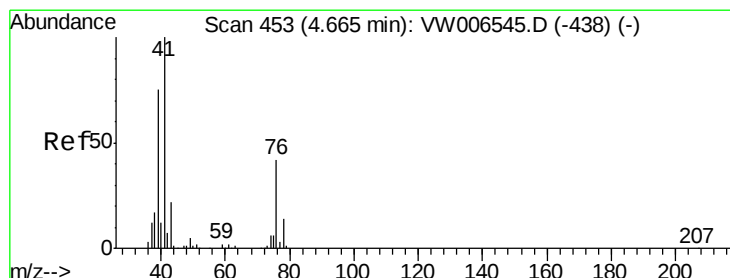
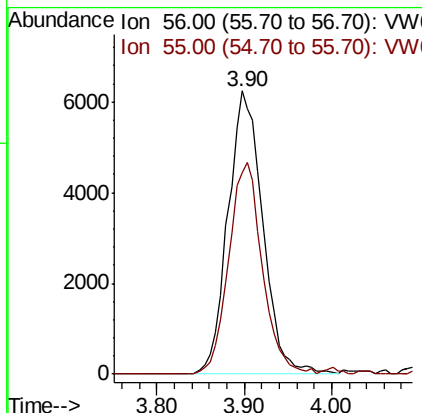
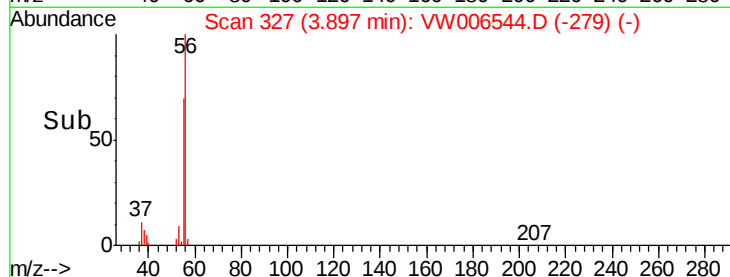
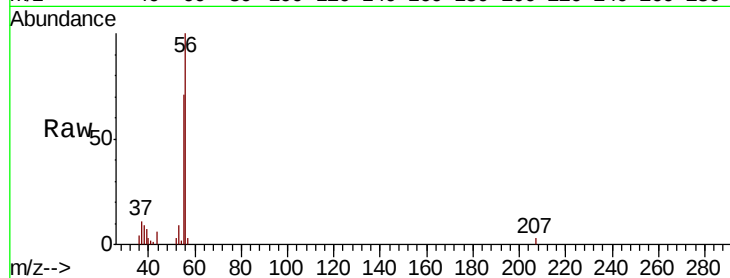
55 72.3 56.9 85.3

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#14

Allyl chloride

Concen: 19.124 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

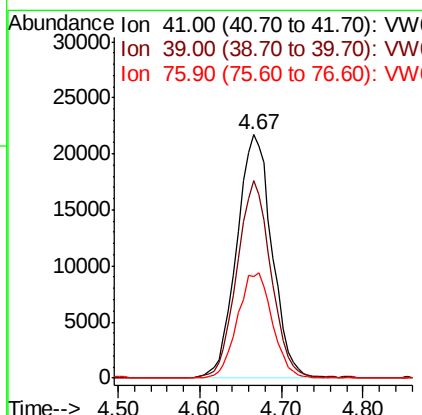
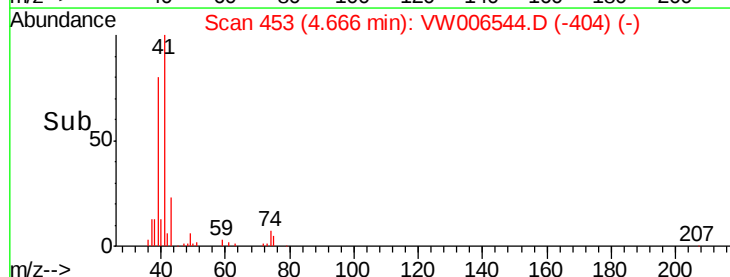
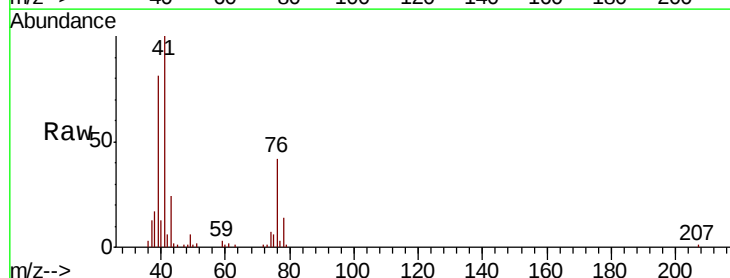
Tgt Ion: 41 Resp: 65244

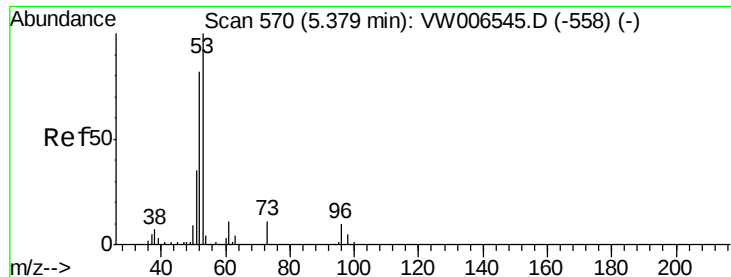
Ion Ratio Lower Upper

41 100

39 78.0 62.1 93.1

76 42.5 34.2 51.2





#15

Acrylonitrile

Concen: 98.606 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

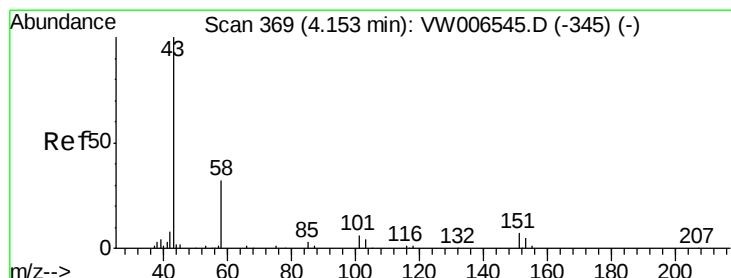
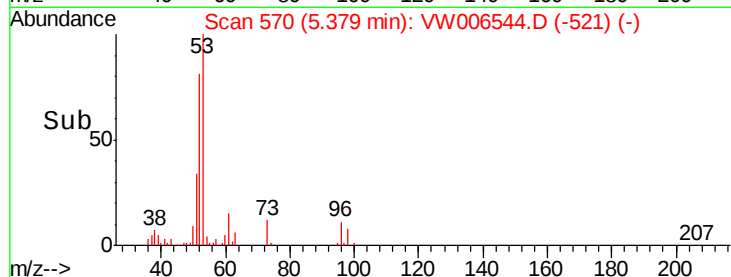
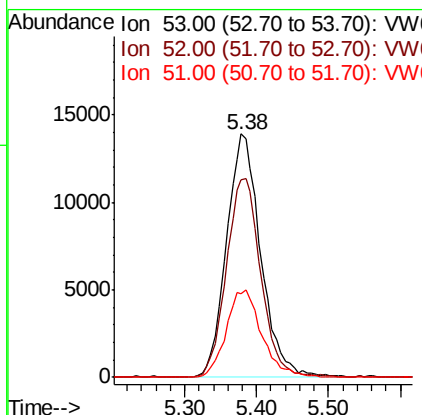
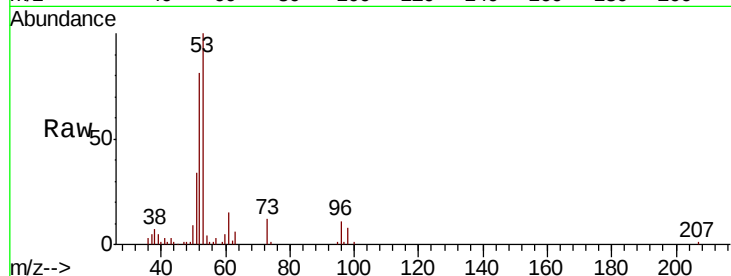
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	45913
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.8	98.8
51	37.4	29.6	44.4

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#16

Acetone

Concen: 82.404 ug/l

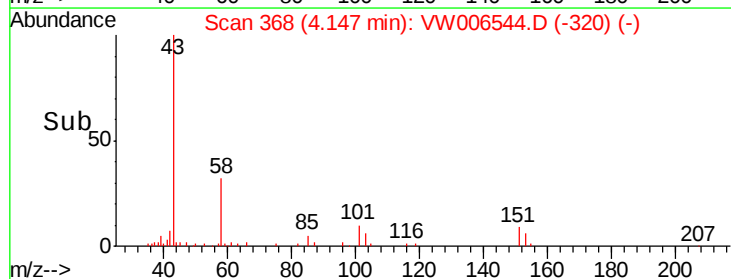
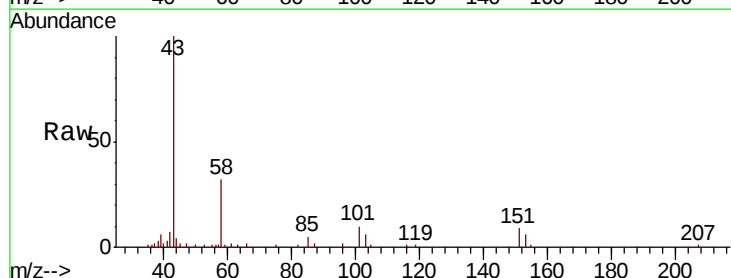
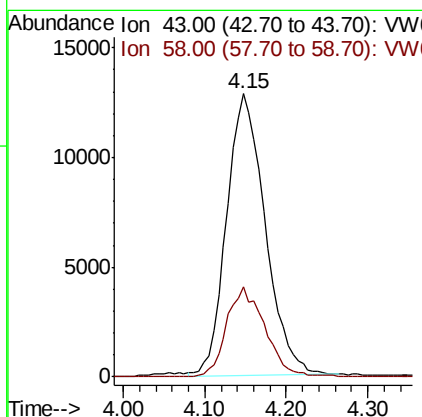
RT: 4.15 min Scan# 368

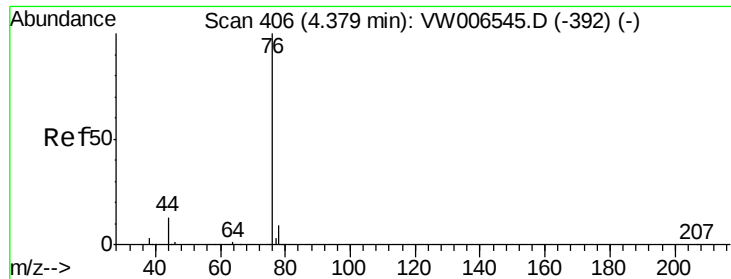
Delta R.T. -0.01 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Tgt Ion:	43	Resp:	42135
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.8	38.8





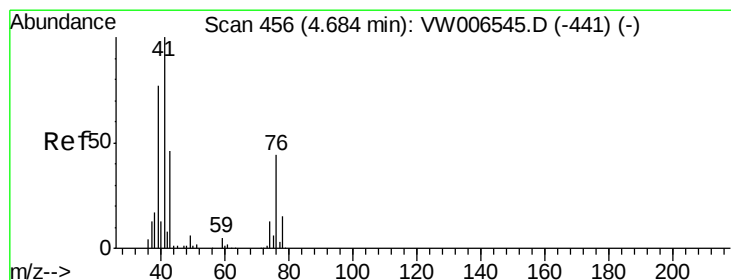
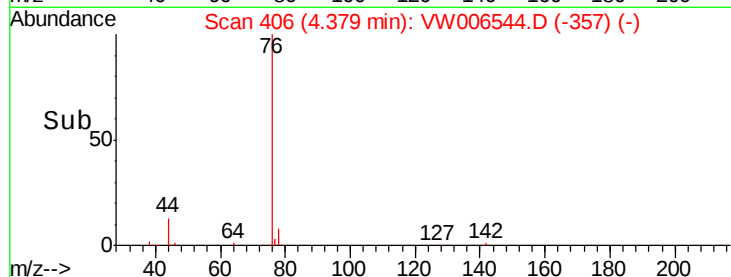
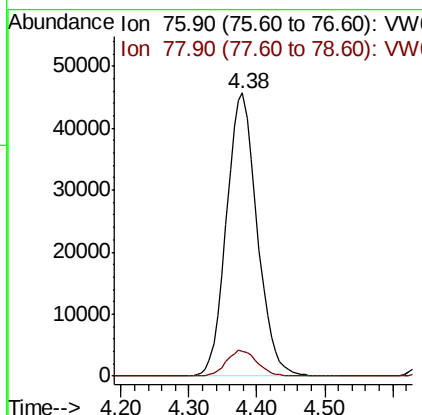
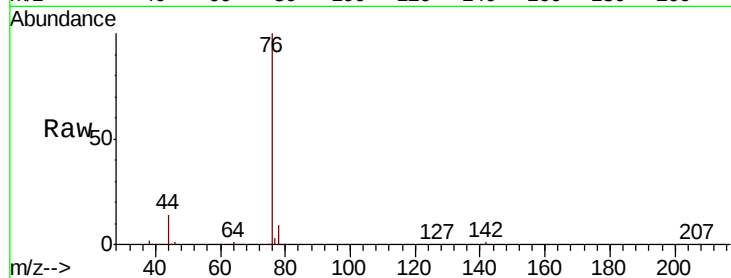
#17
Carbon Disulfide
Concen: 19.798 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

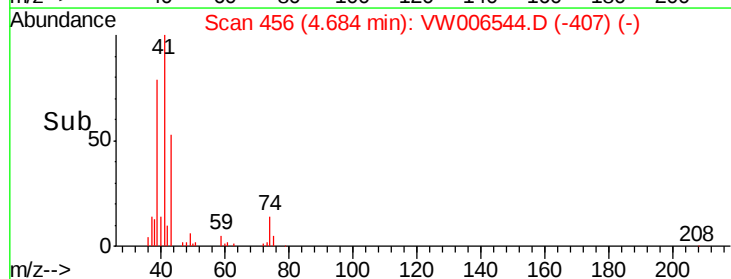
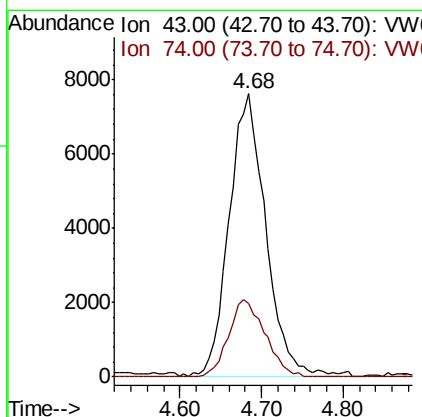
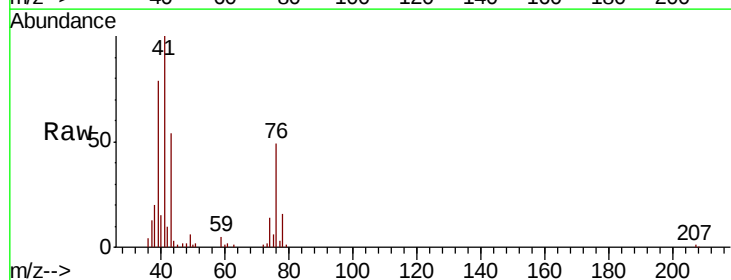
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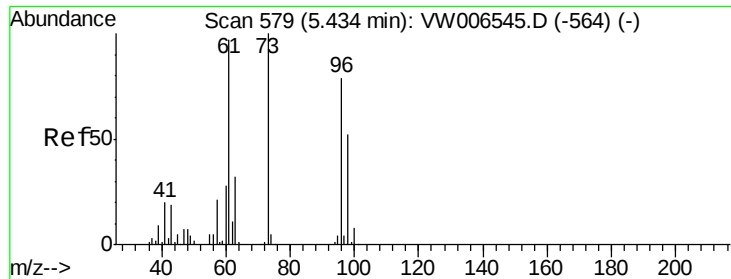
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#18
Methyl Acetate
Concen: 19.868 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	21.9	32.9





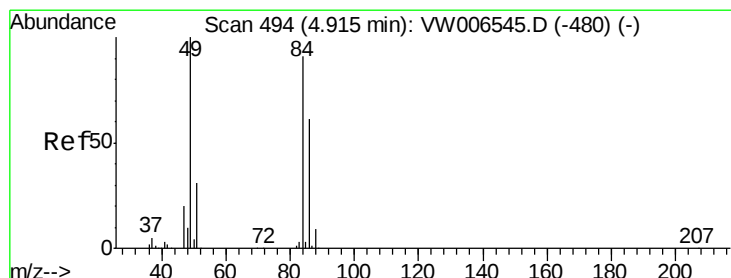
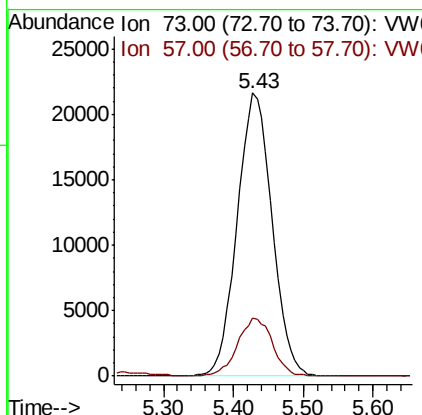
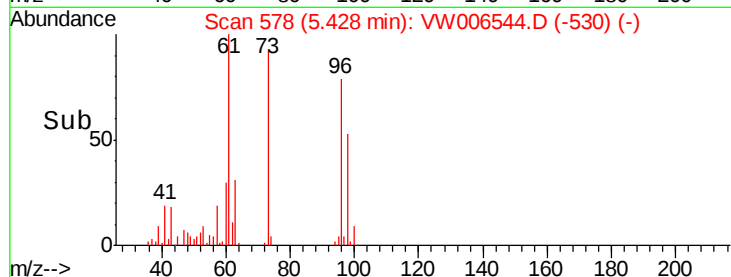
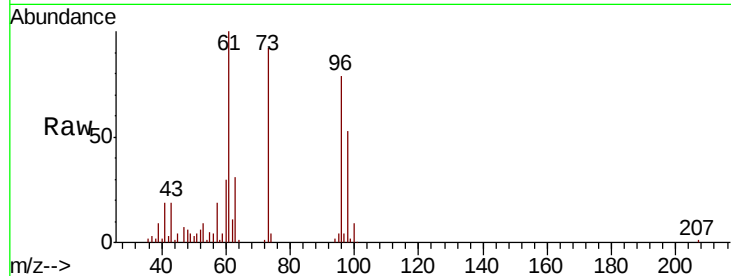
#19
Methvl tert-butvl Ether
Concen: 20.452 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 74904
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1

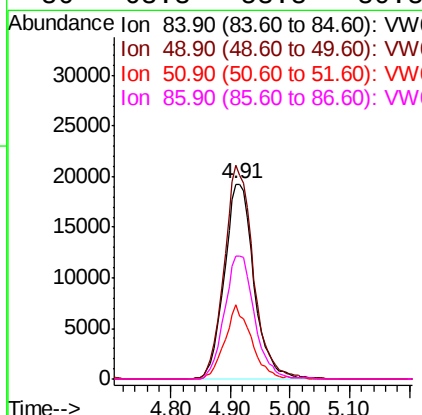
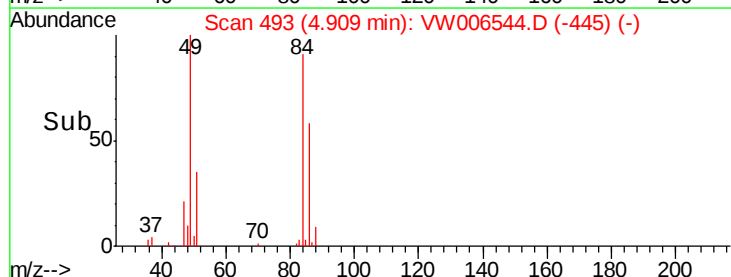
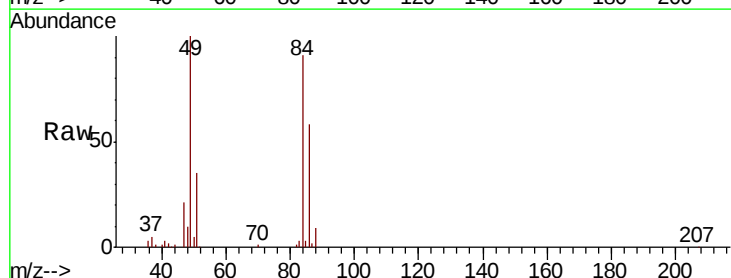
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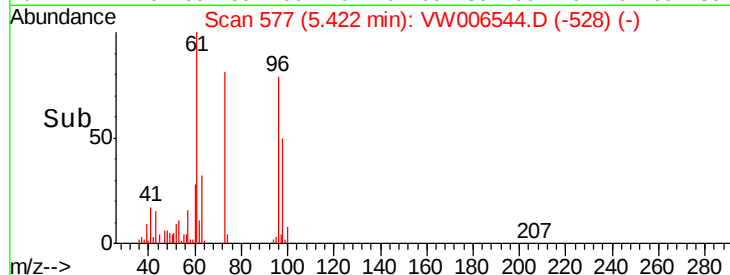
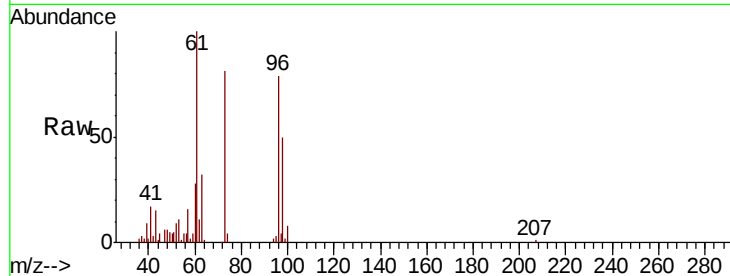
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#20
Methylene Chloride
Concen: 23.427 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion: 84 Resp: 66563
Ion Ratio Lower Upper
84 100
49 109.7 88.2 132.4
51 38.0 27.0 40.6
86 63.3 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.135 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006544.D

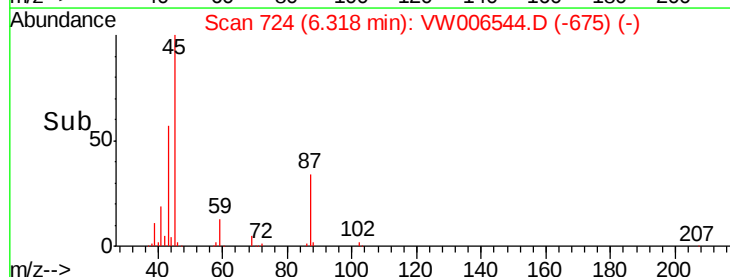
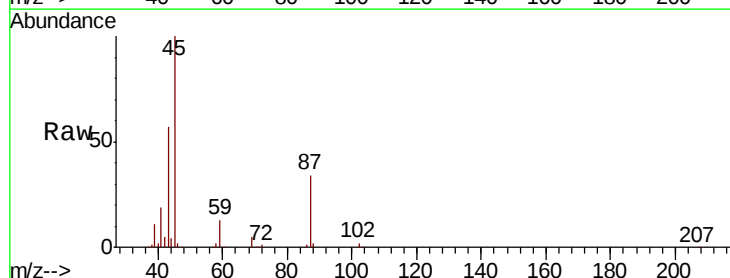
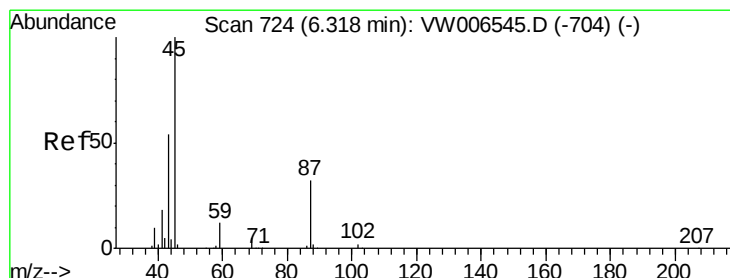
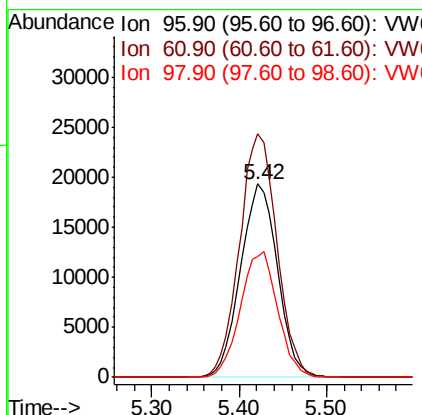
Acq: 01 Nov 2018 00:21

Tot Ion:	96	Resp:	57034
Ion	Ratio	Lower	Upper
96	100		
61	126.0	100.6	150.8
98	62.7	52.9	79.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

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#22

Diisopropyl ether

Concen: 20.223 ug/l

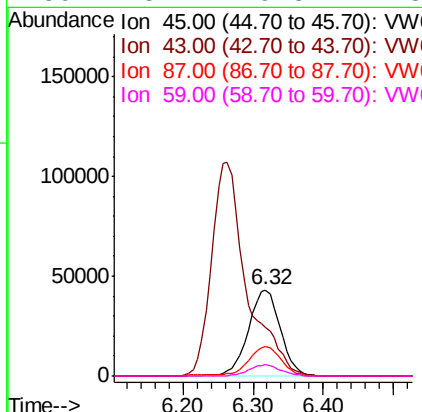
RT: 6.32 min Scan# 724

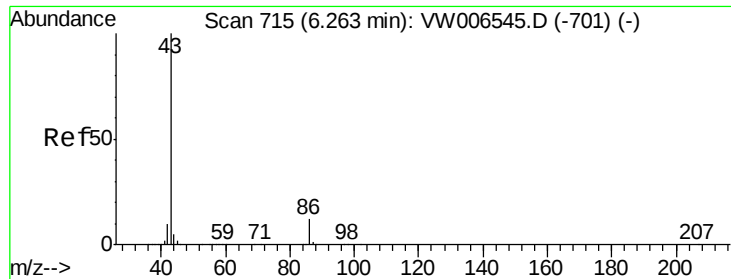
Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Tgt Ion:	45	Resp:	137376
Ion	Ratio	Lower	Upper
45	100		
43	56.7	43.6	65.4
87	33.9	26.3	39.5
59	13.1	9.8	14.8





#23

Vinyl Acetate

Concen: 93.760 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 373468

Ion Ratio Lower Upper

43 100

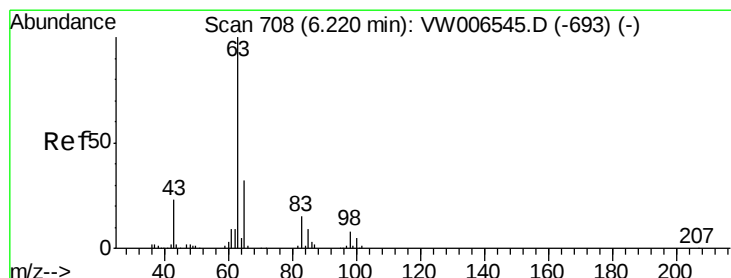
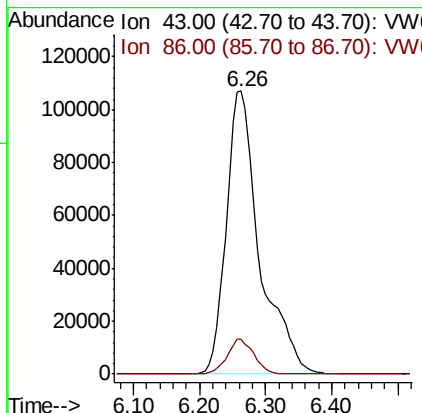
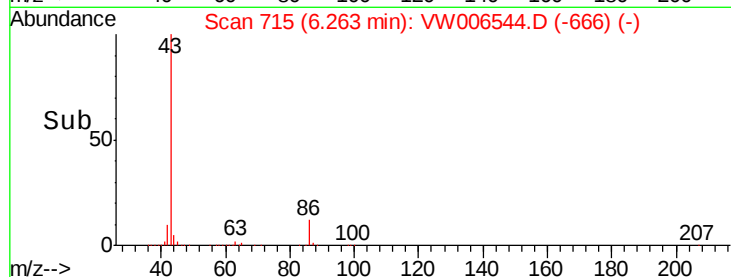
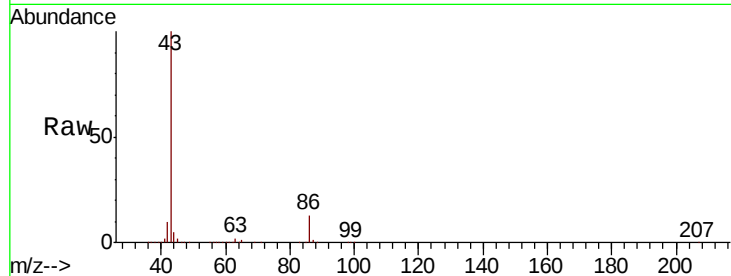
86 12.5 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 21.088 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

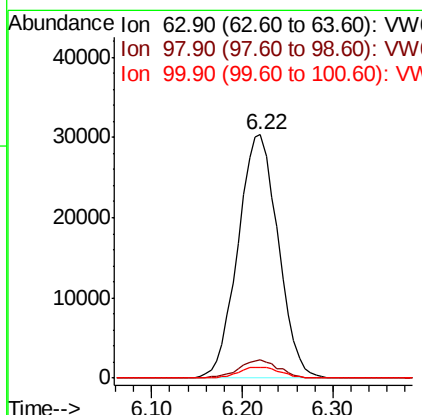
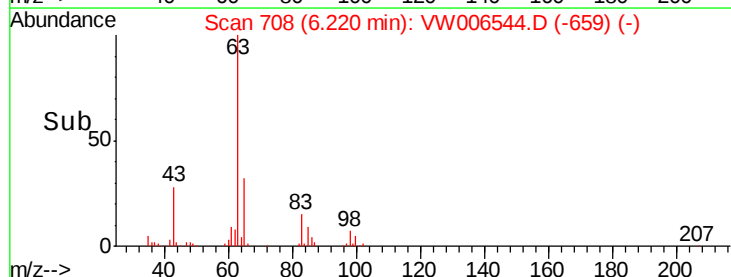
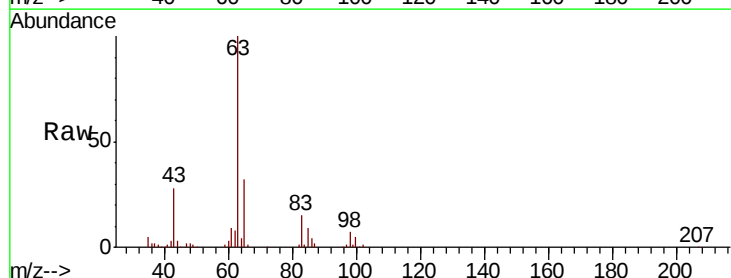
Tgt Ion: 63 Resp: 92850

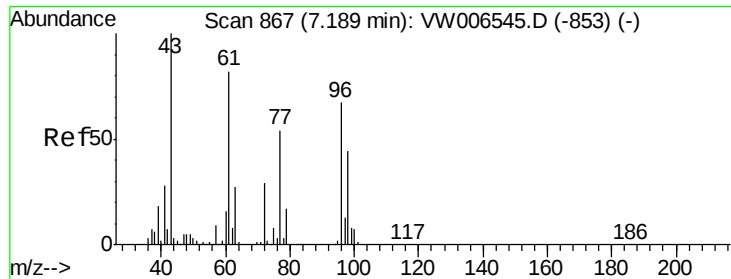
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 92.403 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 59320

Ion Ratio Lower Upper

43 100

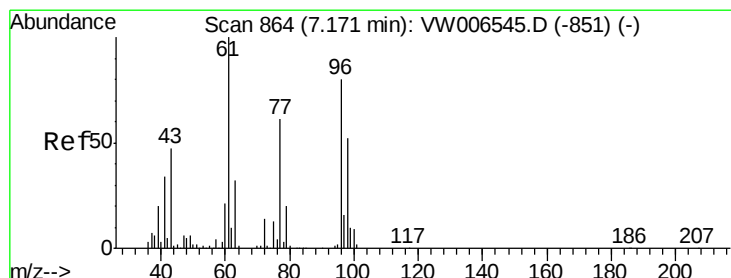
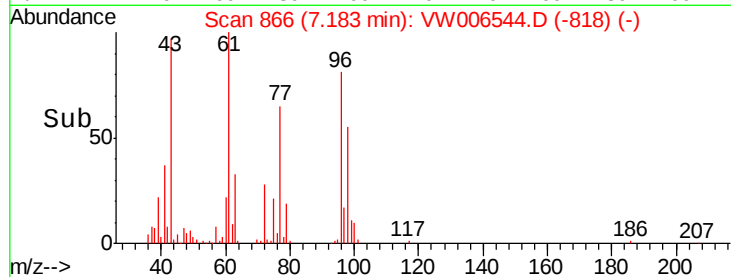
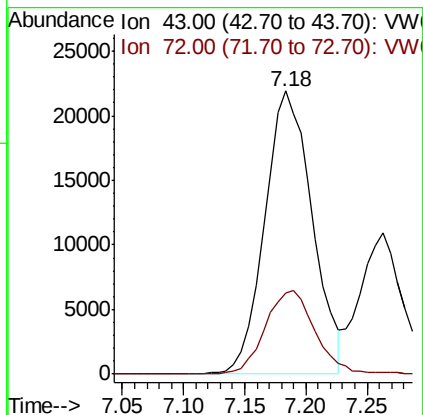
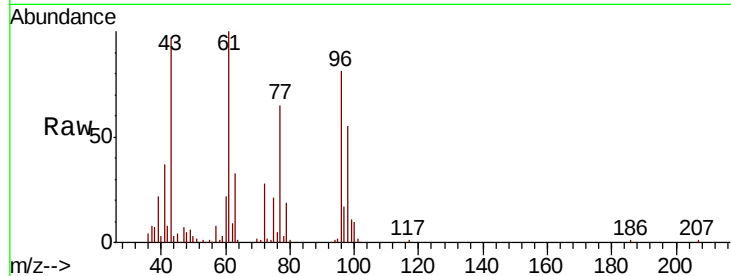
72 28.8 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 18.217 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006544.D

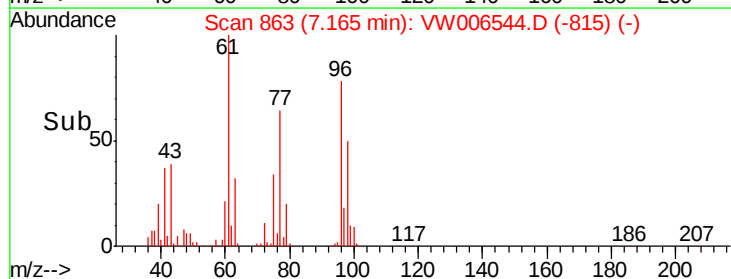
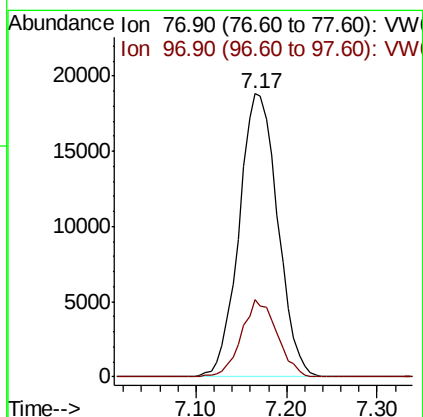
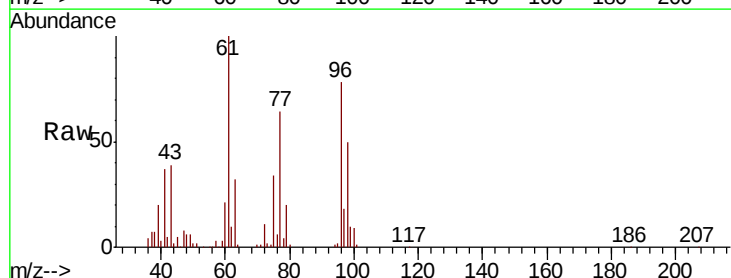
Acq: 01 Nov 2018 00:21

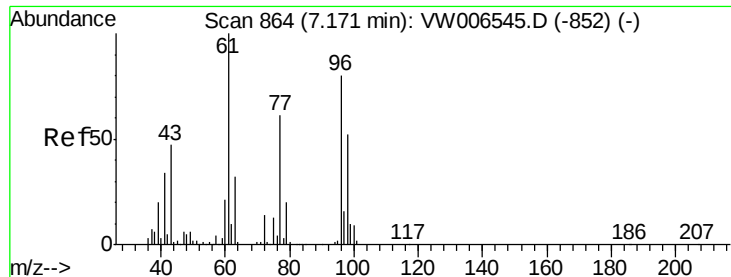
Tgt Ion: 77 Resp: 55497

Ion Ratio Lower Upper

77 100

97 25.2 12.8 38.4





#27

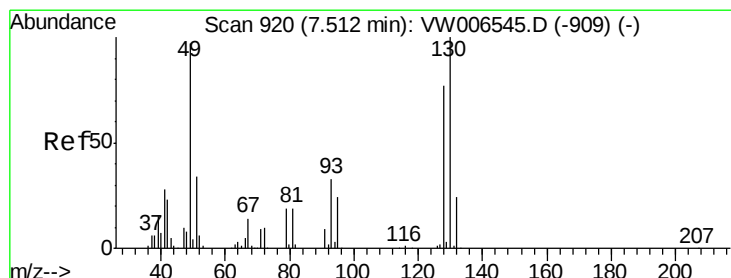
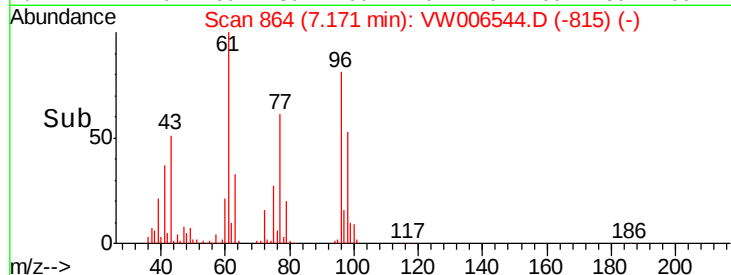
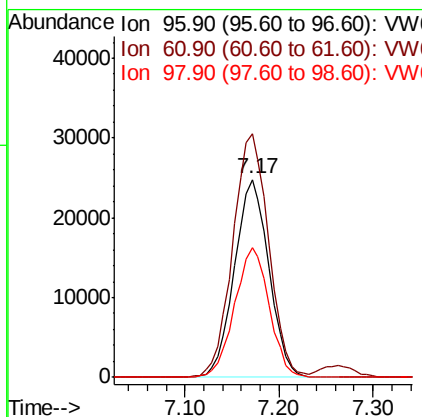
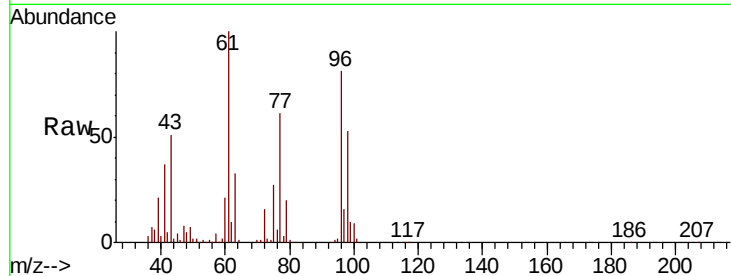
cis-1,2-Dichloroethene
 Concen: 21.213 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	254.2
98	65.7	0.0	129.6

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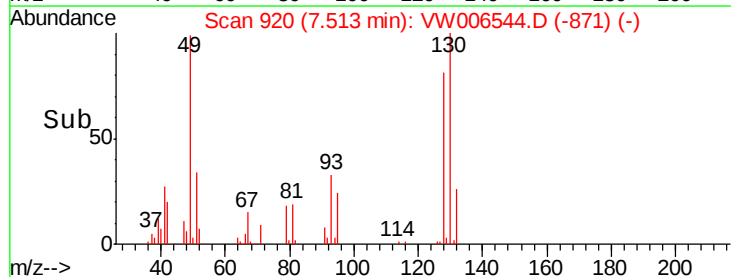
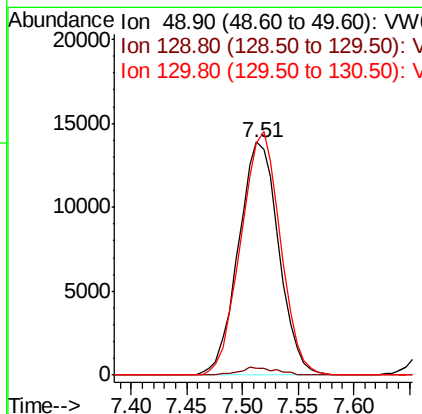
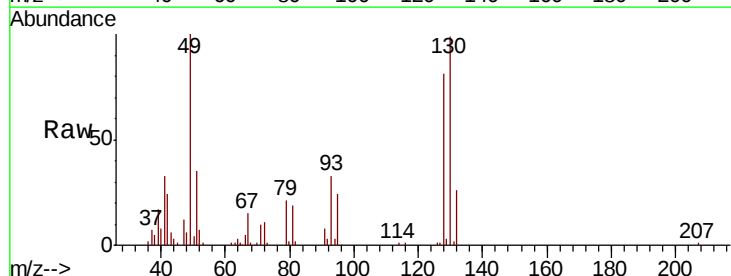
apatel
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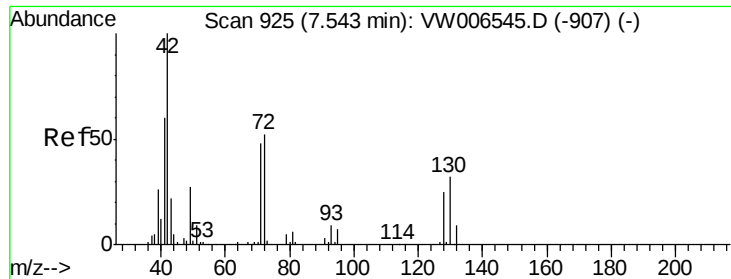


#28

Bromochloromethane
 Concen: 20.602 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	102.7	82.2	123.2





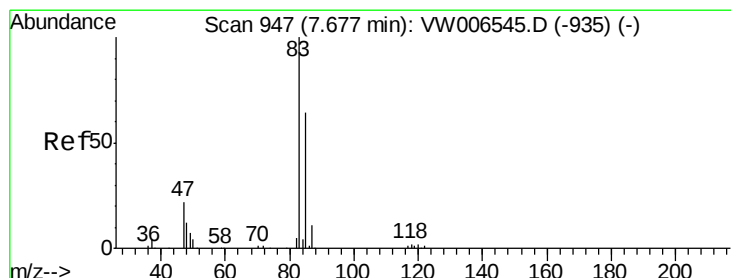
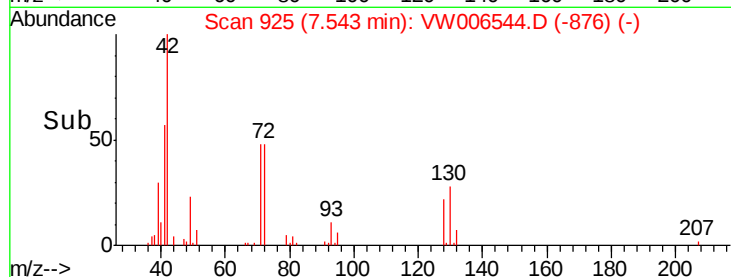
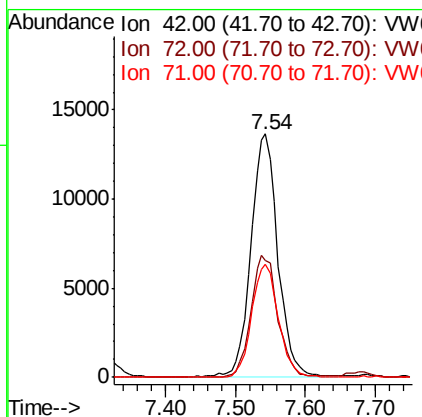
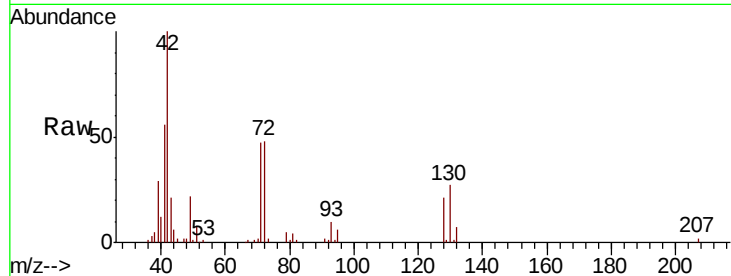
#29
Tetrahydrofuran
Concen: 92.746 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	39.2	58.8
71	45.6	37.6	56.4

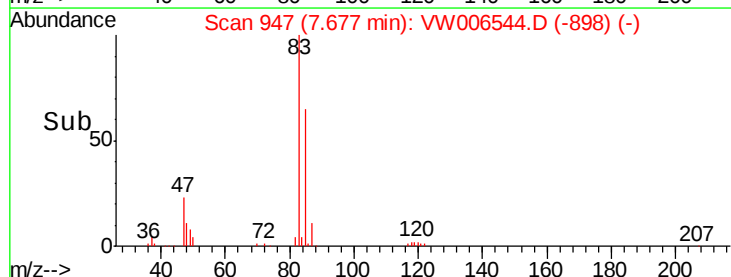
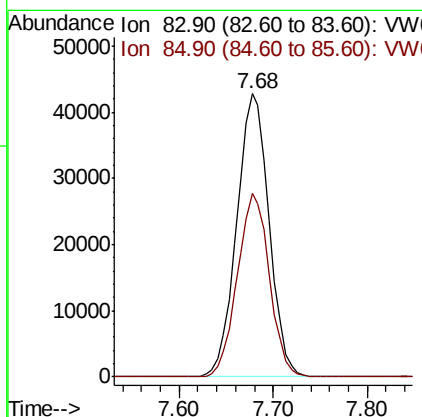
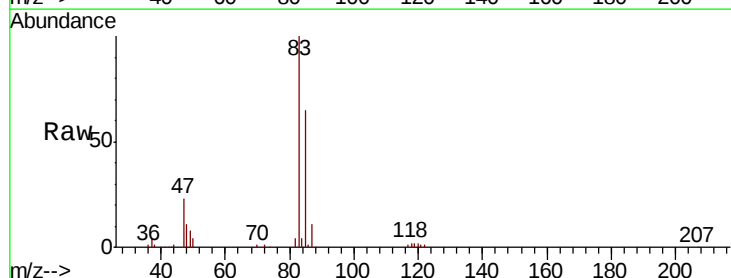
Manual Integrations
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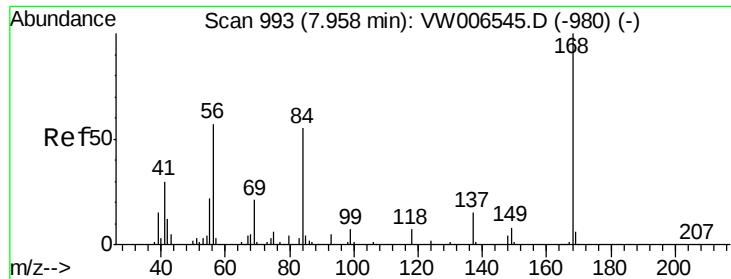
apatel
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#30
Chloroform
Concen: 21.264 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9





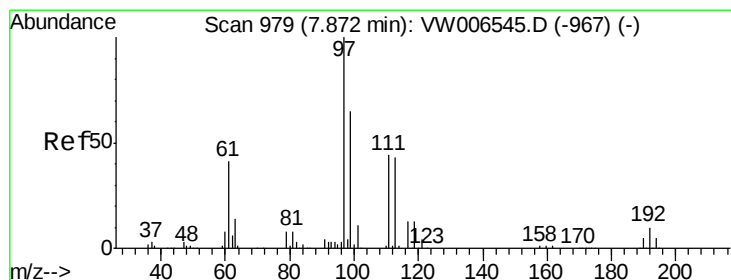
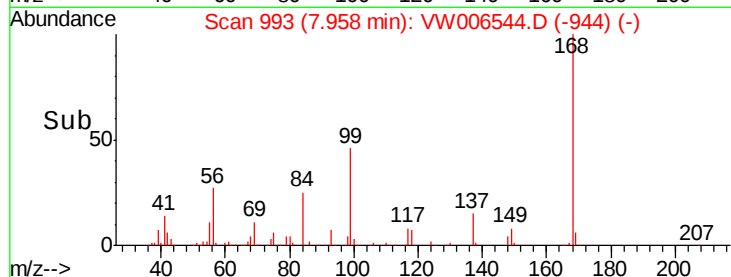
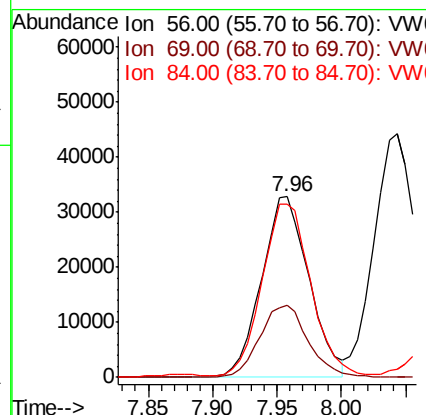
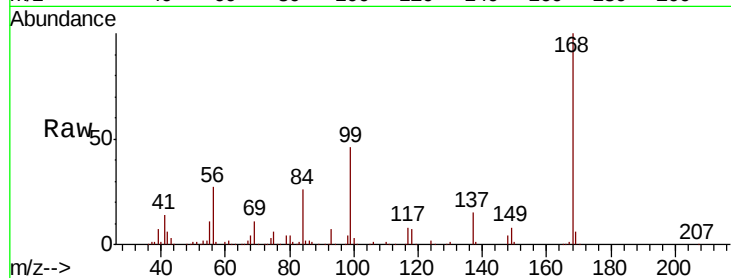
#31
Cyclohexane
Concen: 19.389 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	29.0	43.4
84	94.3	77.8	116.6

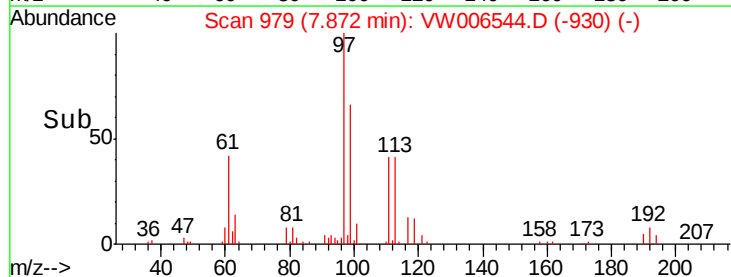
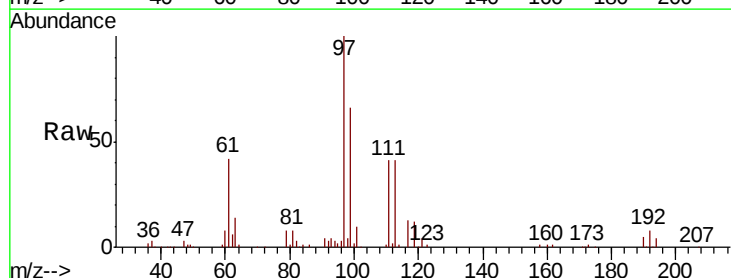
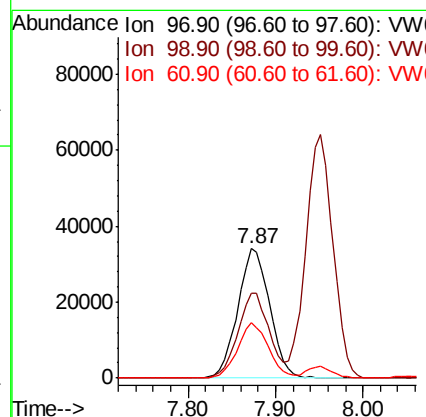
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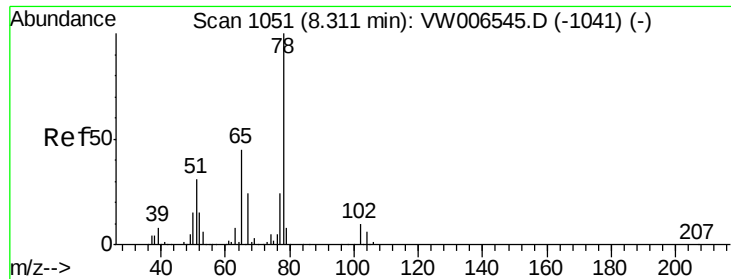
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#32
1,1,1-Trichloroethane
Concen: 20.162 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	41.5	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 20.532 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 65 Resp: 49817

Ion Ratio Lower Upper

65 100

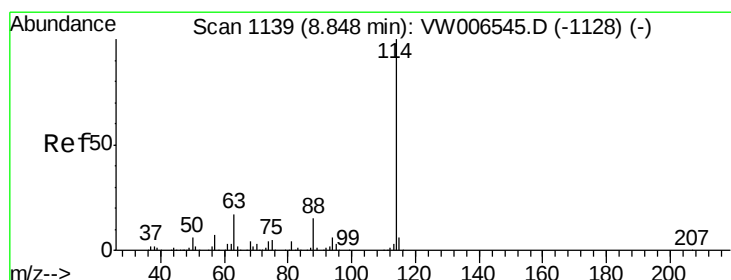
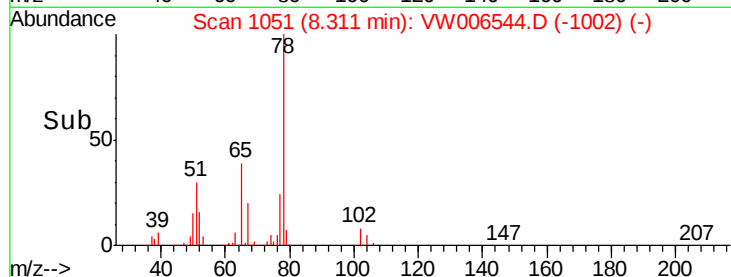
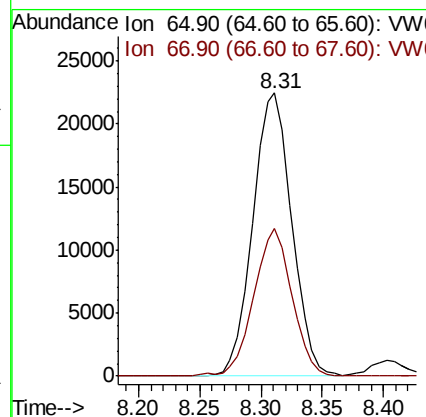
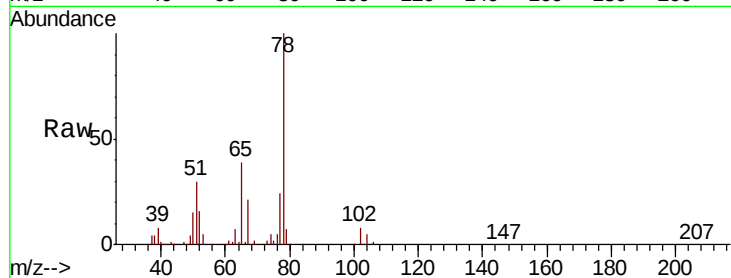
67 51.3 0.0 104.4

Manual Integrations

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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: VW006544.D

Acq: 01 Nov 2018 00:21

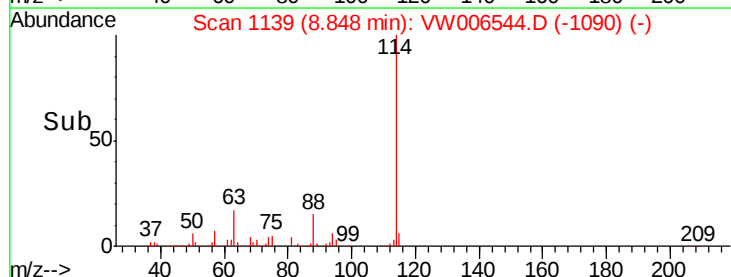
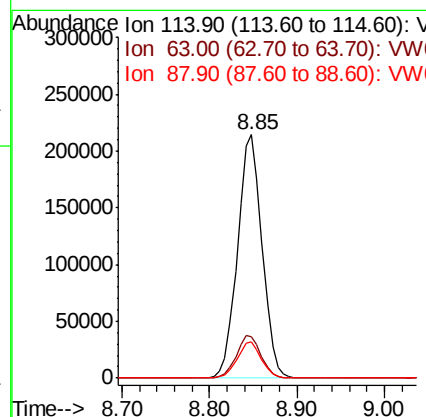
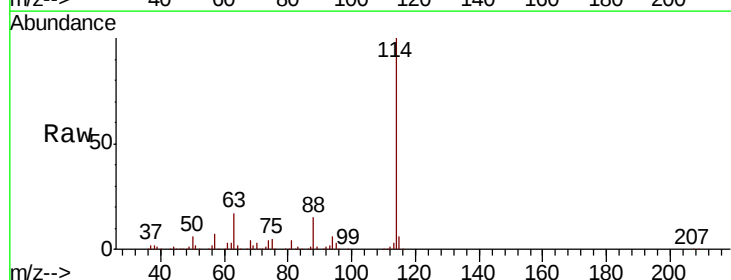
Tgt Ion: 114 Resp: 418304

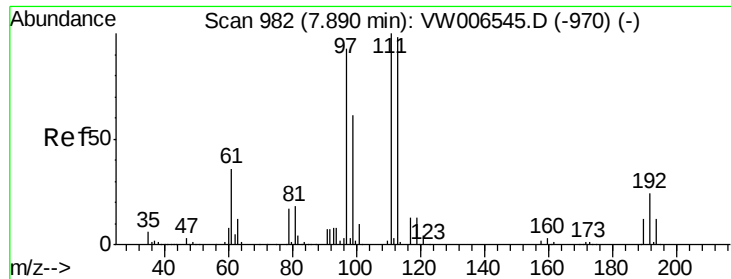
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

88 15.1 0.0 29.0





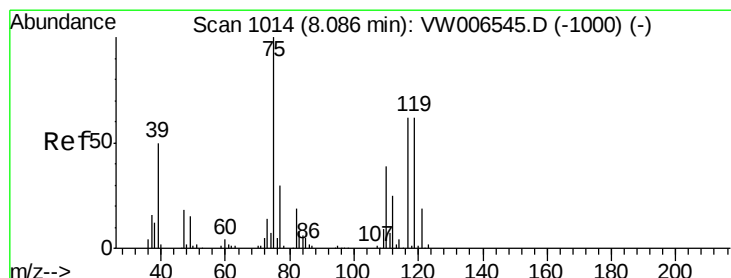
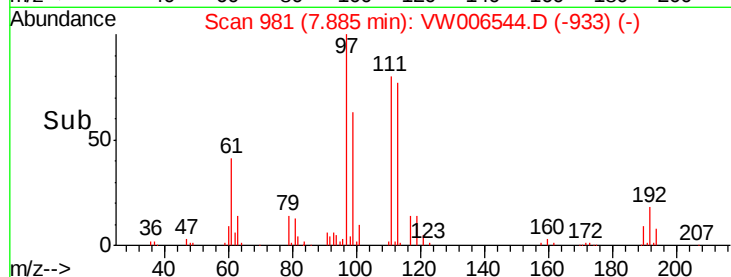
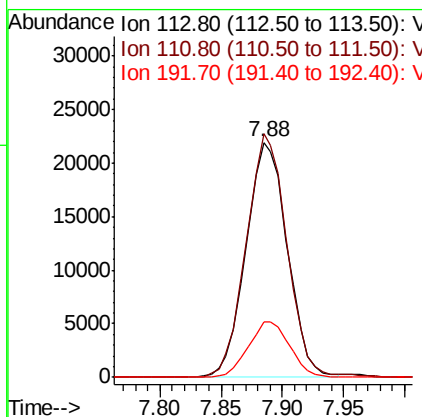
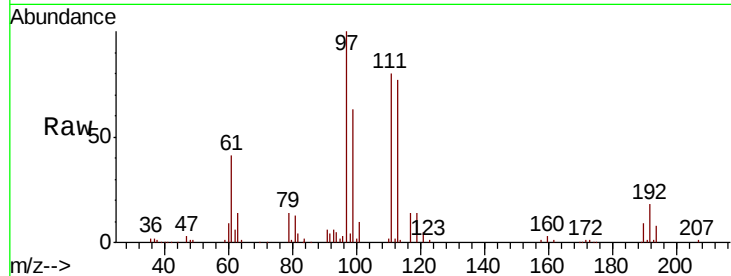
#35
 Dibromofluoromethane
 Concen: 20.650 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	51651		
111	102.5	82.2	123.2	
192	23.7	19.0	28.6	

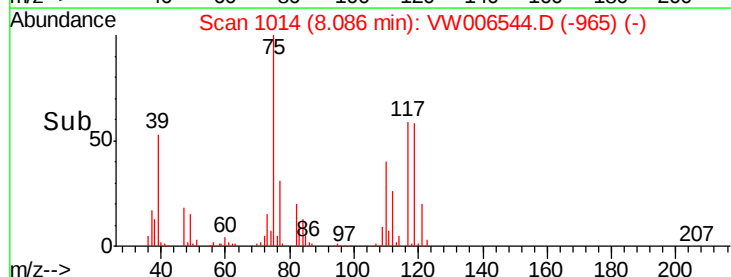
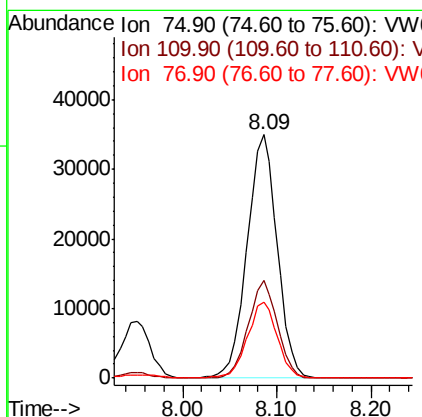
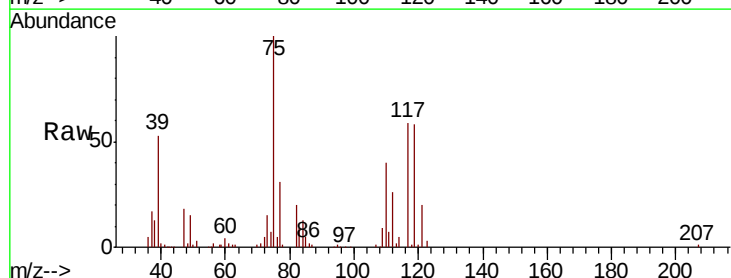
Manual Integrations
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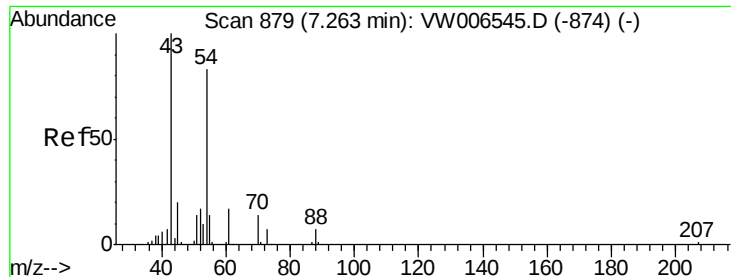
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.524 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78555		
110	38.6	19.5	58.5	
77	31.0	24.6	37.0	





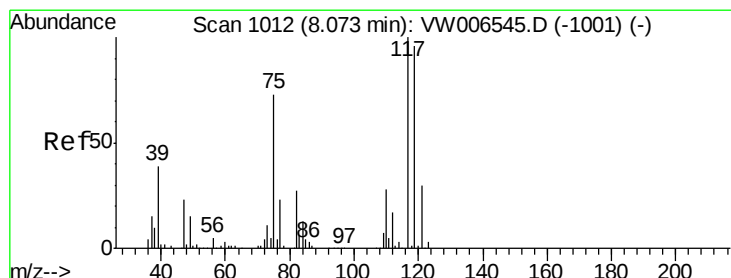
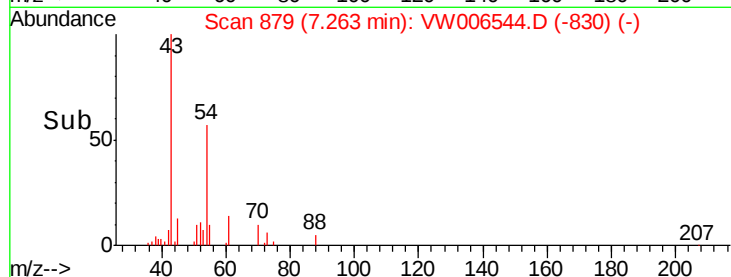
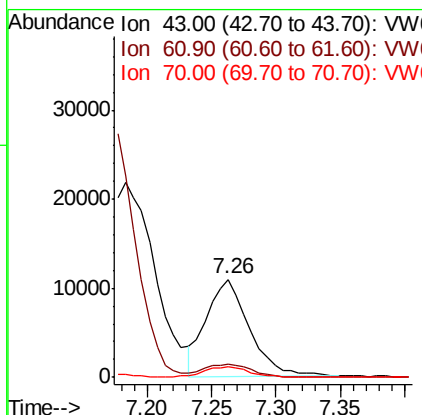
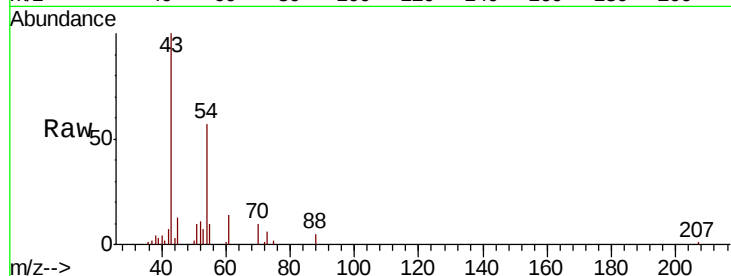
#37
Ethyl Acetate
Concen: 18.048 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.1	18.1
70	11.6	9.8	14.6

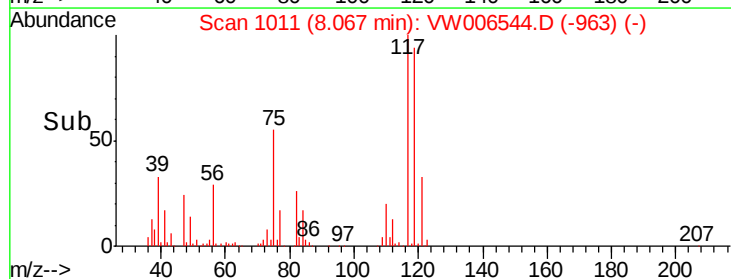
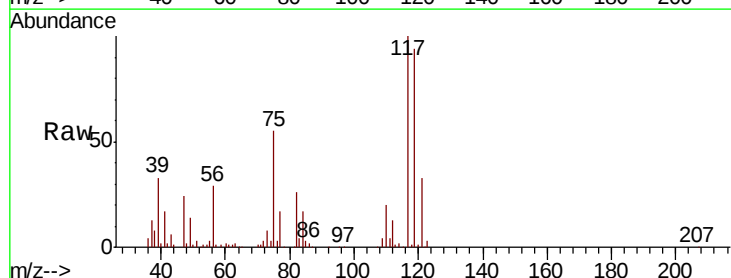
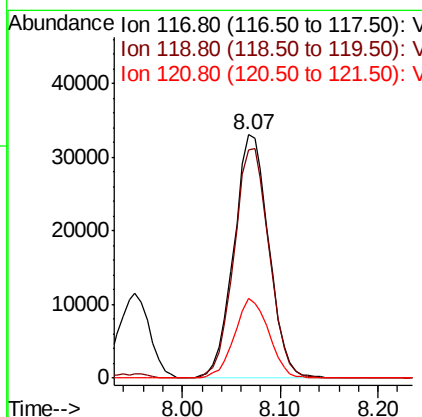
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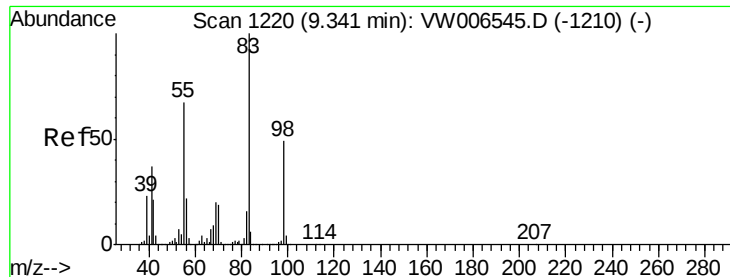
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#38
Carbon Tetrachloride
Concen: 19.707 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.3	114.5
121	32.9	24.1	36.1





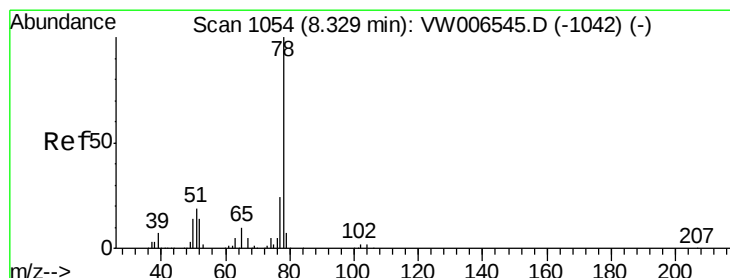
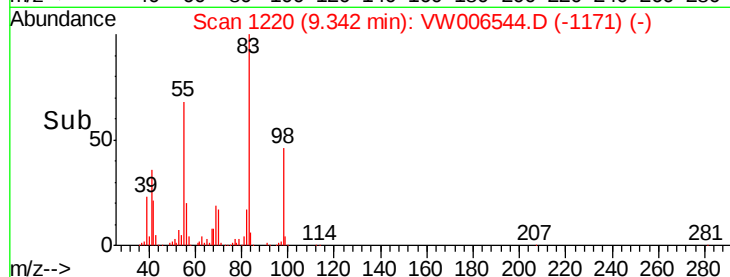
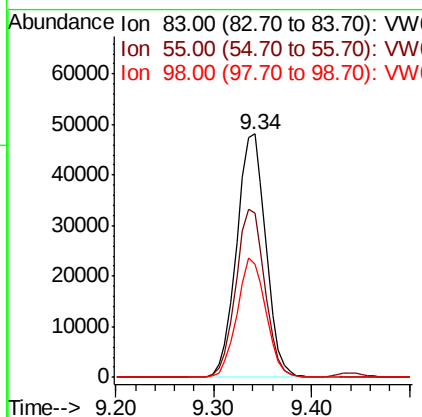
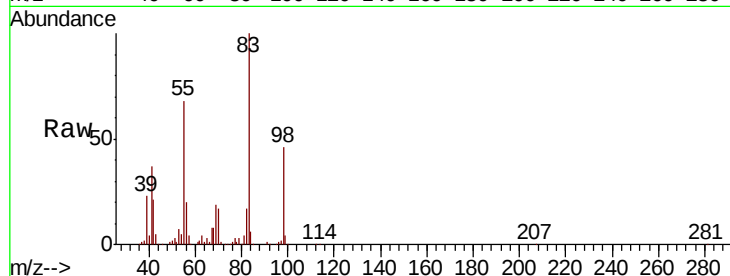
#39
Methvlcvclohexane
Concen: 19.705 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	83	Resp	99745
Ion Ratio	Lower	Upper	
83	100		
55	67.7	53.7	80.5
98	46.2	39.2	58.8

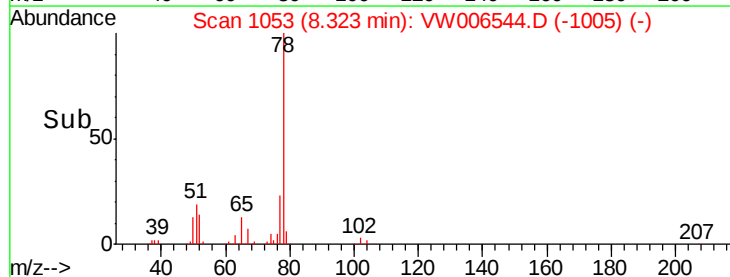
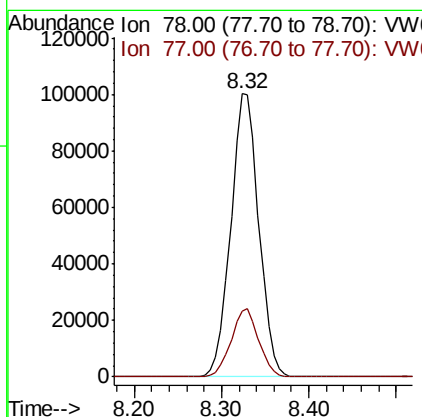
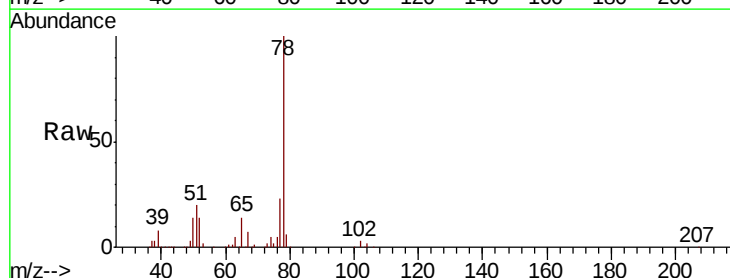
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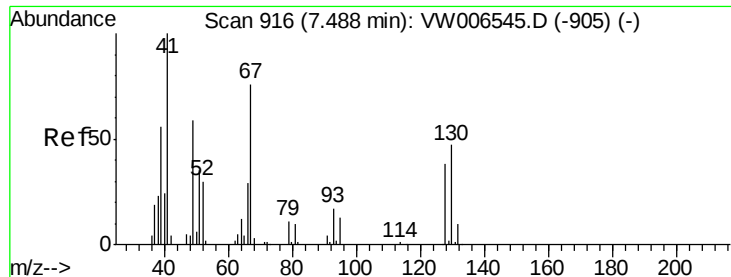
apatel
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#40
Benzene
Concen: 21.082 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	78	Resp	223096
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.2	28.8





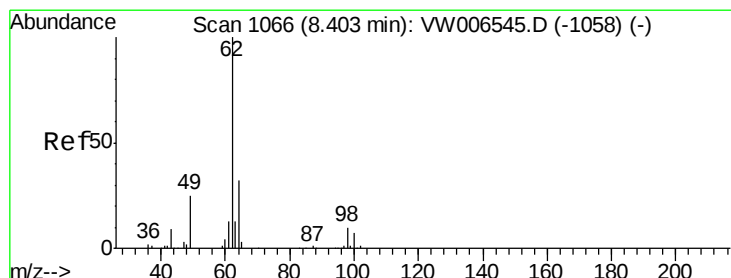
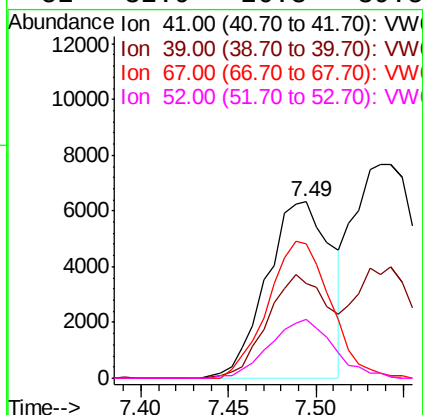
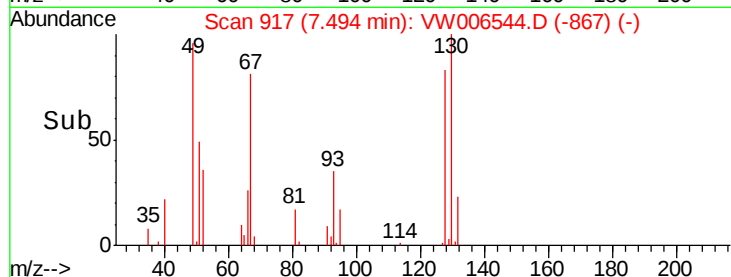
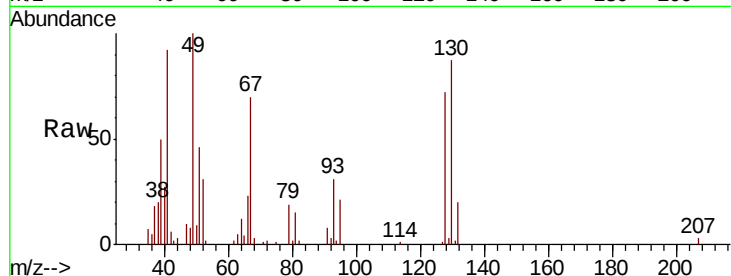
#41
Methacrylonitrile
Concen: 19.248 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion:	41	Resp:	16301
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.5	66.7
67	75.2	63.8	95.8
52	32.9	26.3	39.5

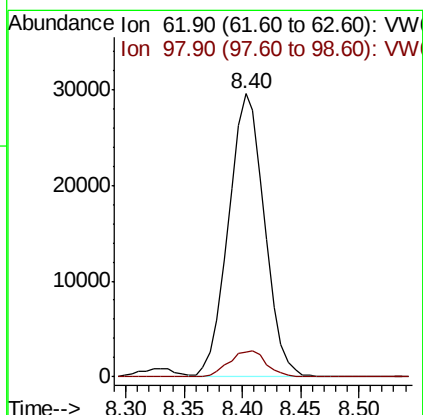
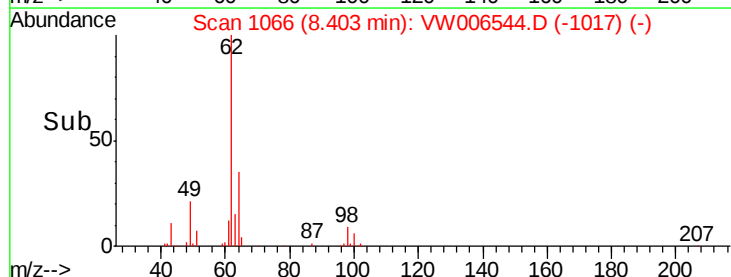
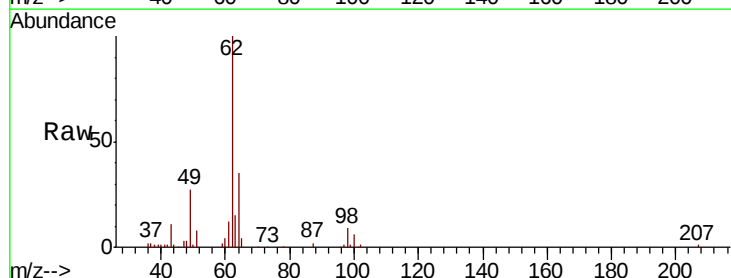
Manual Integrations
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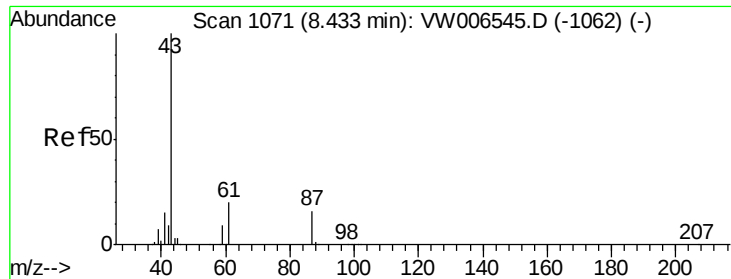
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#42
1,2-Dichloroethane
Concen: 20.548 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion:	62	Resp:	63470
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 17.945 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

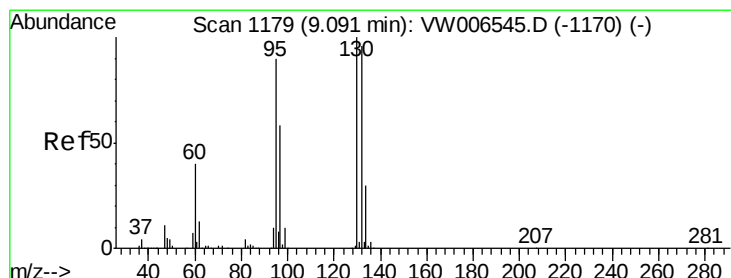
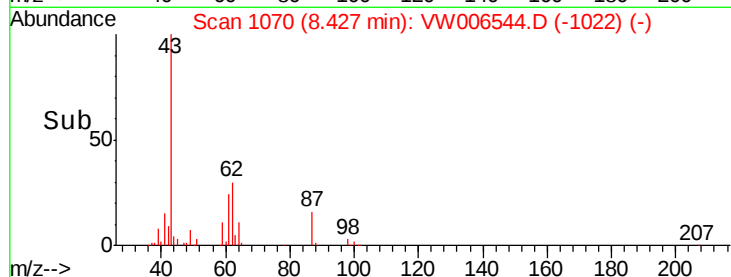
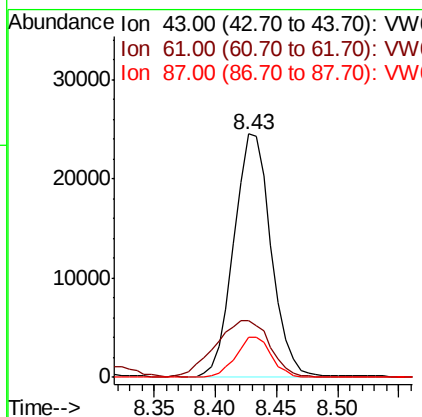
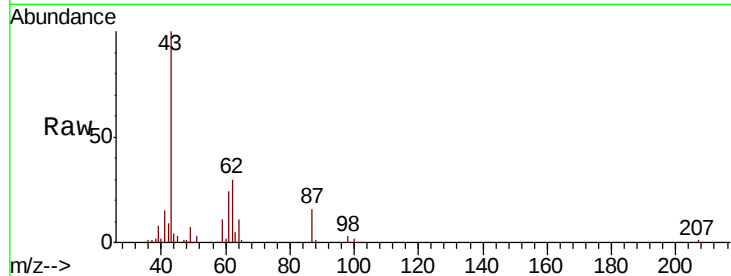
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	51590
Ion	Ratio	Lower	Upper
43	100		
61	34.2	27.2	40.8
87	15.8	12.9	19.3

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#44

Trichloroethene

Concen: 20.837 ug/l

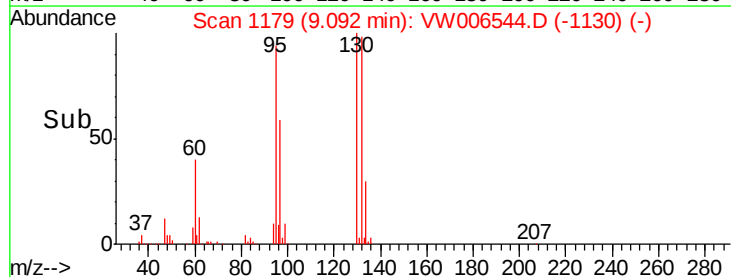
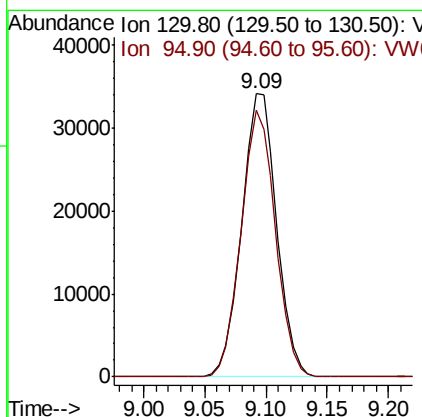
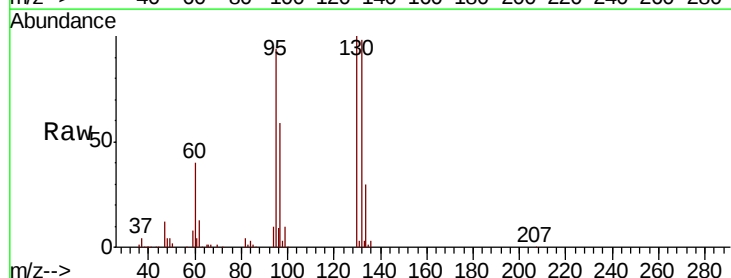
RT: 9.09 min Scan# 1179

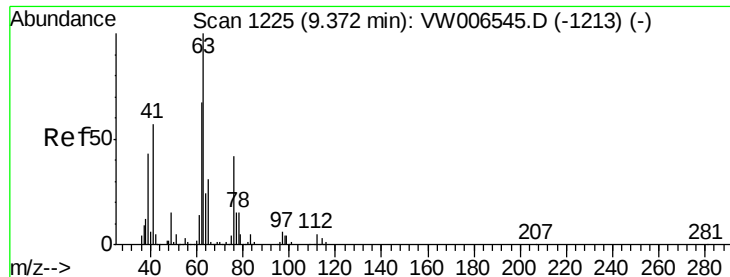
Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Tgt Ion:	130	Resp:	67684
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	179.2





#45

1,2-Dichloropropane

Concen: 20.755 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 52349

Ion Ratio Lower Upper

63 100

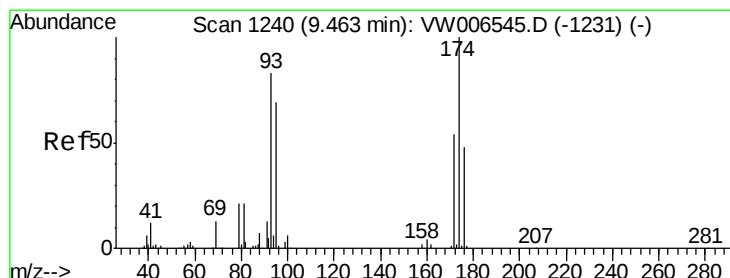
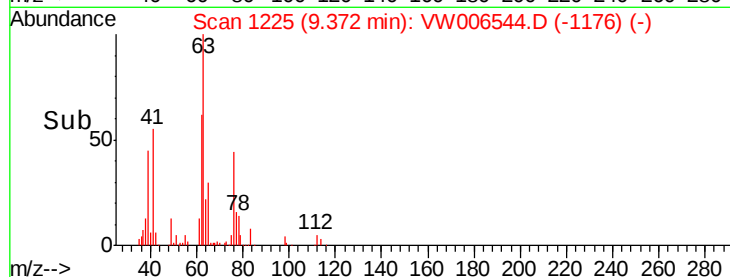
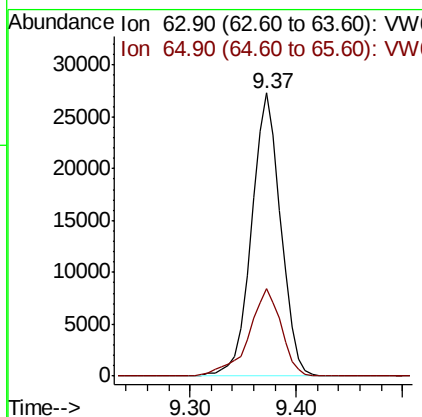
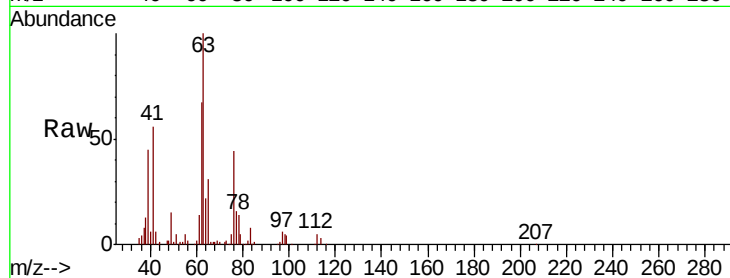
65 30.8 25.1 37.7

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#46

Dibromomethane

Concen: 21.110 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

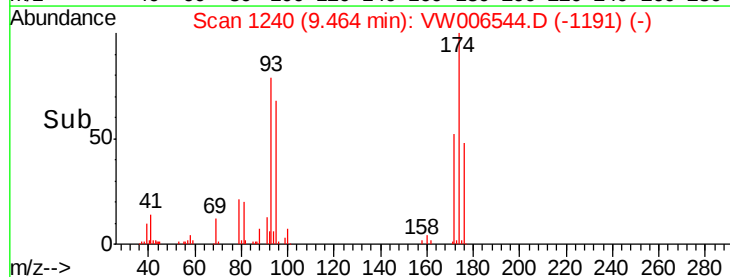
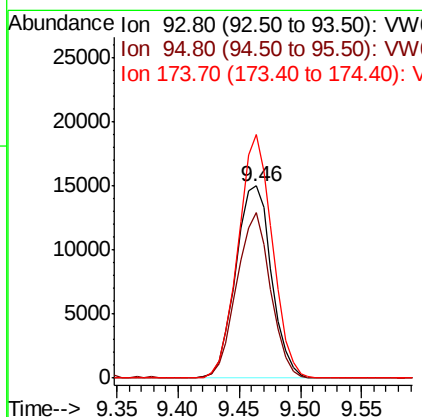
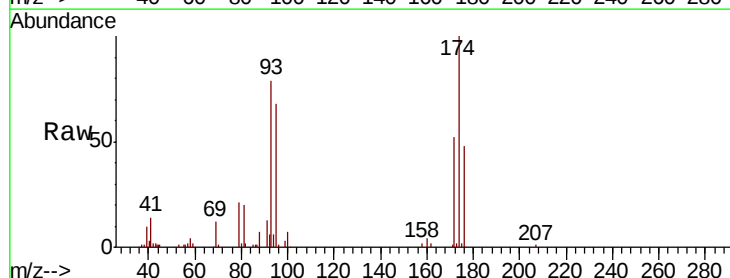
Tgt Ion: 93 Resp: 30434

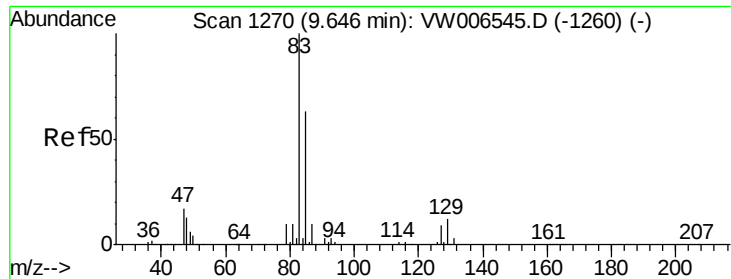
Ion Ratio Lower Upper

93 100

95 81.4 67.2 100.8

174 121.3 97.3 145.9





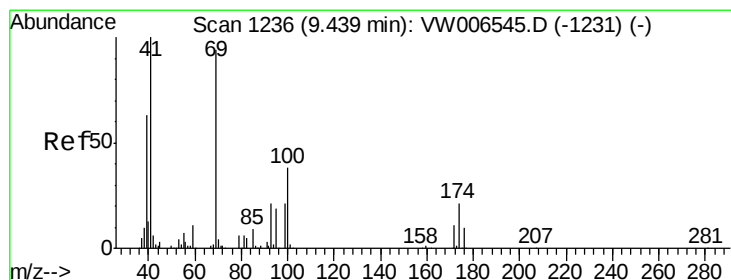
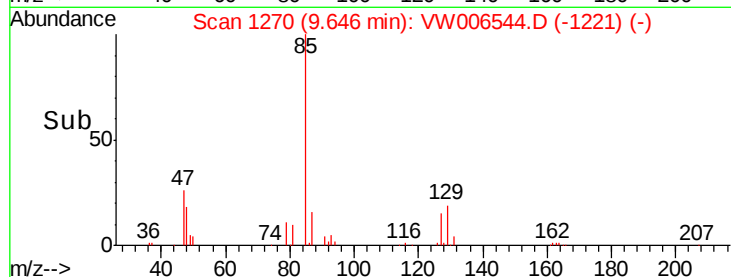
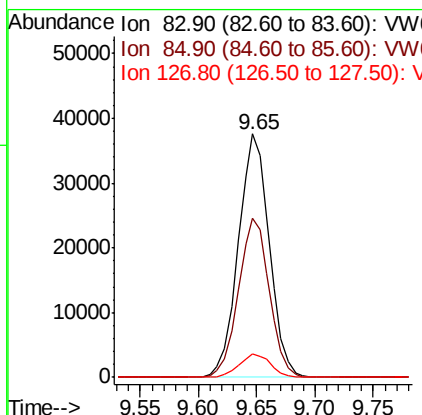
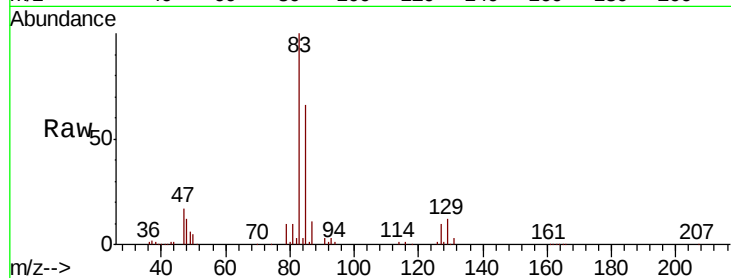
#47
Bromodichloromethane
Concen: 19.924 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.6	75.8
127	9.6	7.5	11.3

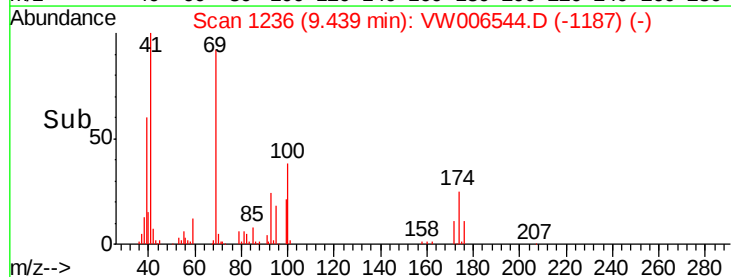
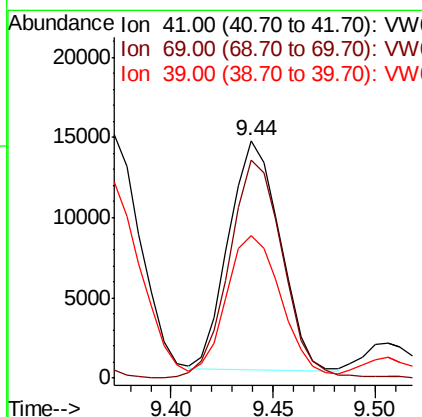
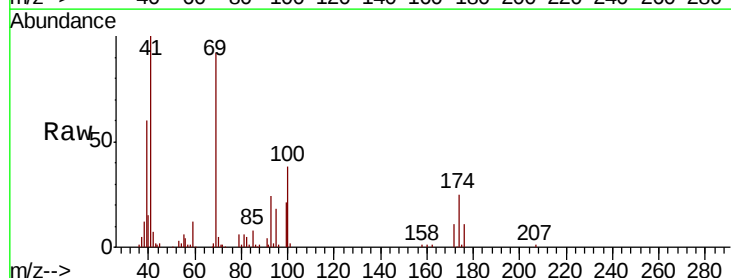
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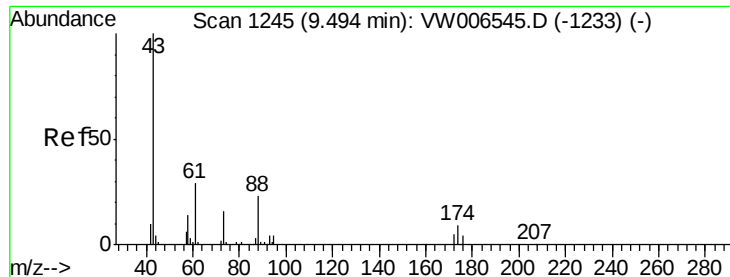
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#48
Methyl methacrylate
Concen: 18.344 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	99.5	77.8	116.8
39	62.3	48.7	73.1





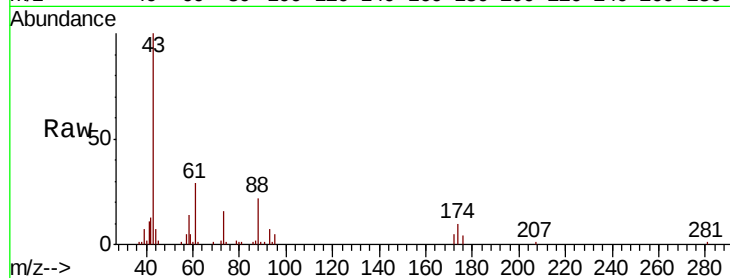
#49
1,4-Dioxane
Concen: 393.072 ug/l
RT: 9.49 min Scan# 1245
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	88	Resp	8665
Ion Ratio	Lower	Upper	
88	100		
43	454.3	356.6	534.8
58	64.5	51.4	77.2

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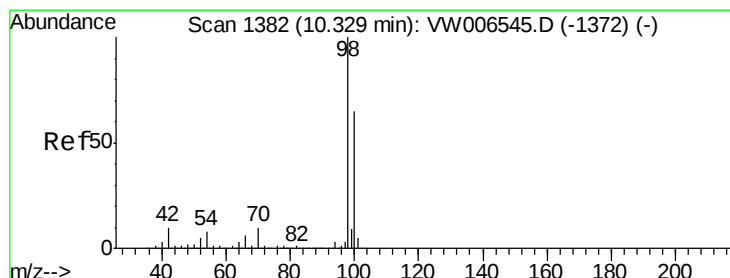
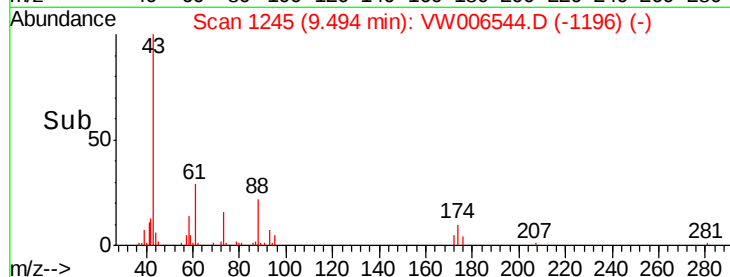
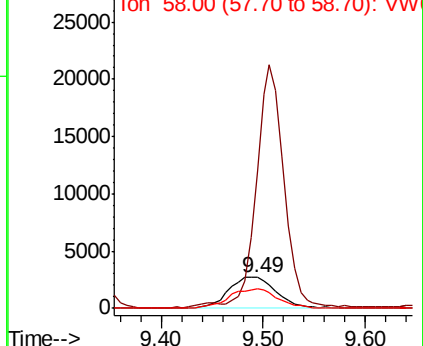


Abundance

Ion 88.00 (87.70 to 88.70): VW

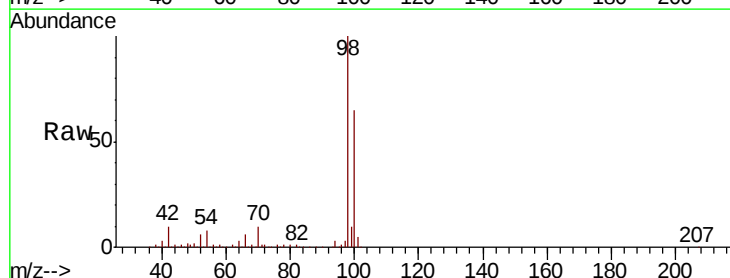
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 20.885 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

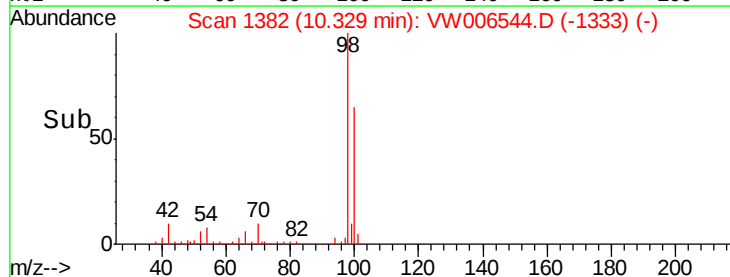
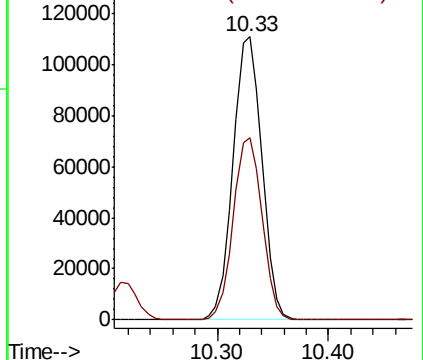
Tgt Ion	98	Resp	199282
Ion Ratio	Lower	Upper	
98	100		
100	64.4	51.6	77.4

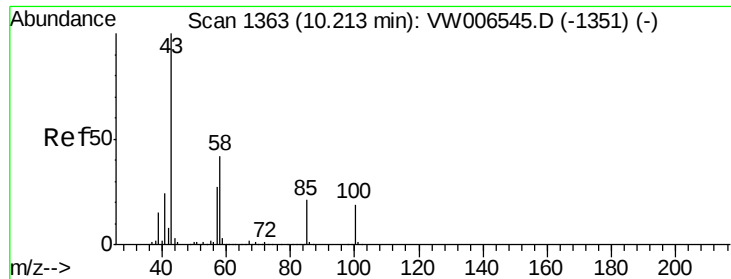


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 92.201 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 133458

Ion Ratio Lower Upper

43 100

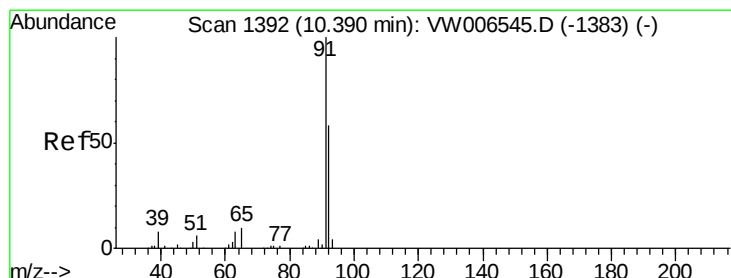
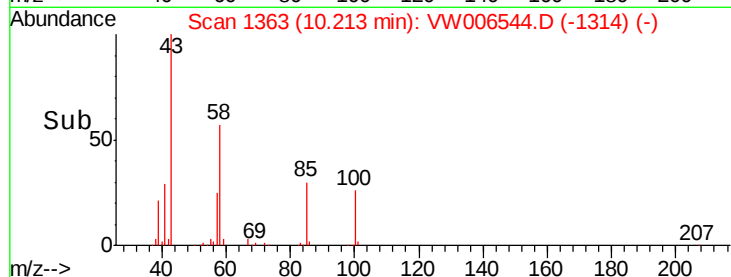
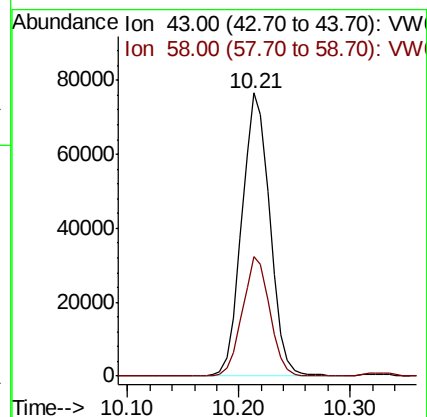
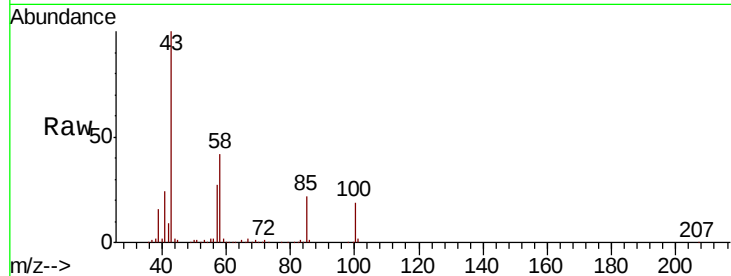
58 41.3 33.4 50.0

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#52

Toluene

Concen: 21.033 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006544.D

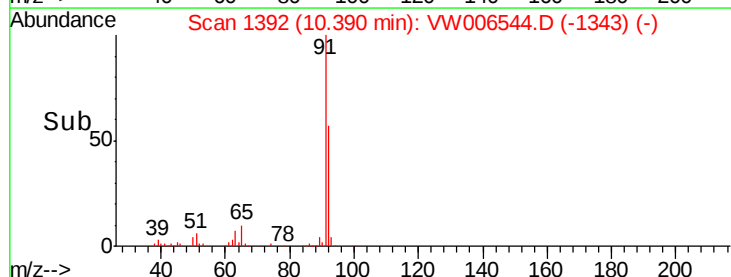
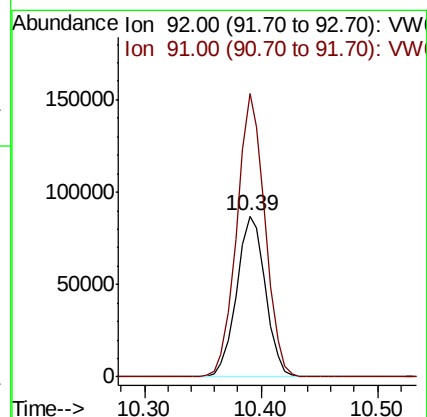
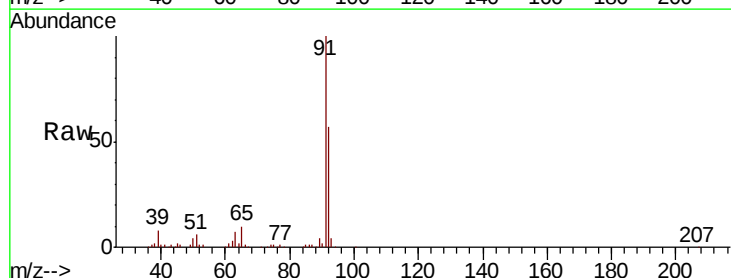
Acq: 01 Nov 2018 00:21

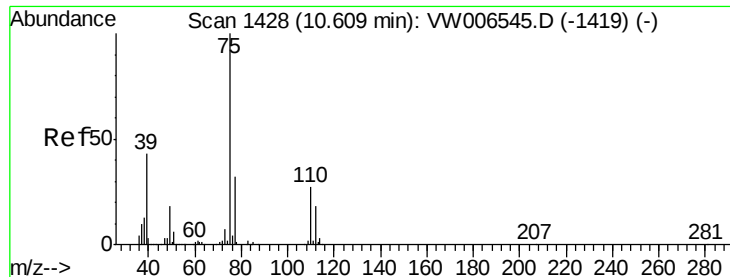
Tgt Ion: 92 Resp: 149183

Ion Ratio Lower Upper

92 100

91 172.9 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 19.111 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 75 Resp: 66056

Ion Ratio Lower Upper

75 100

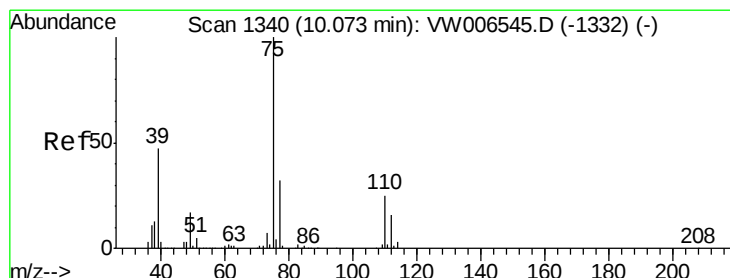
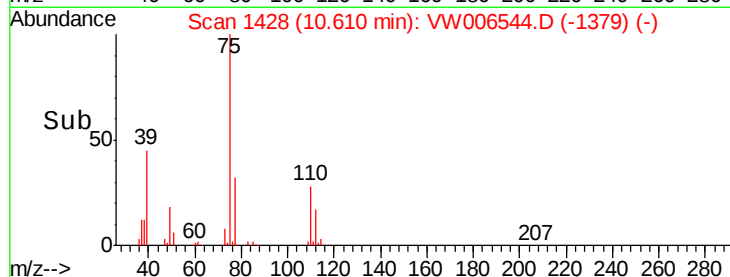
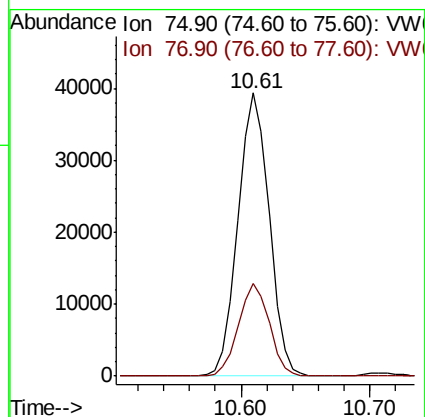
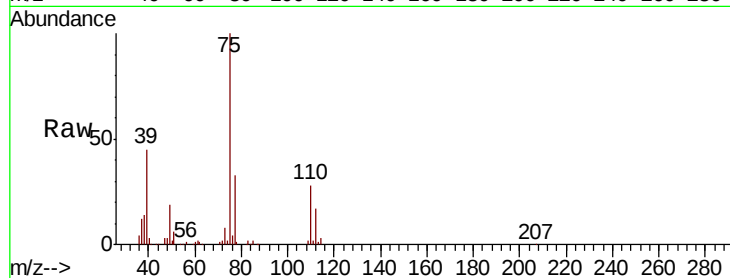
77 32.6 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 20.063 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

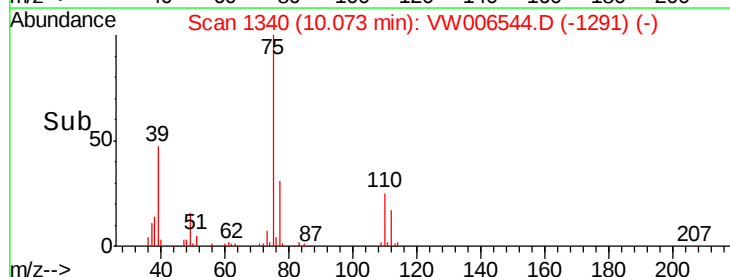
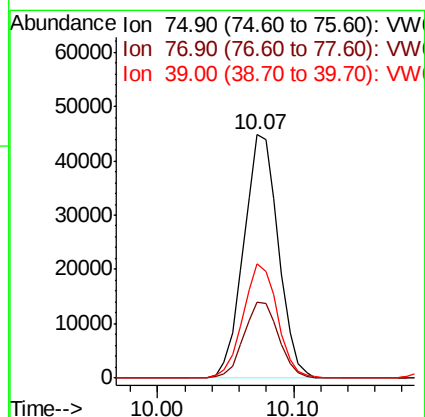
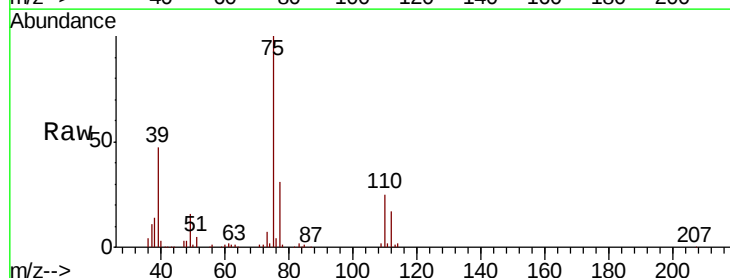
Tgt Ion: 75 Resp: 79776

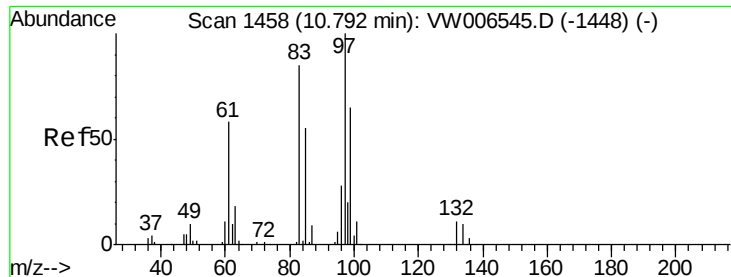
Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

39 46.9 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 20.987 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

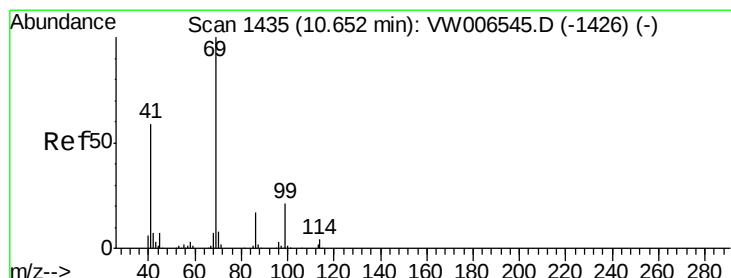
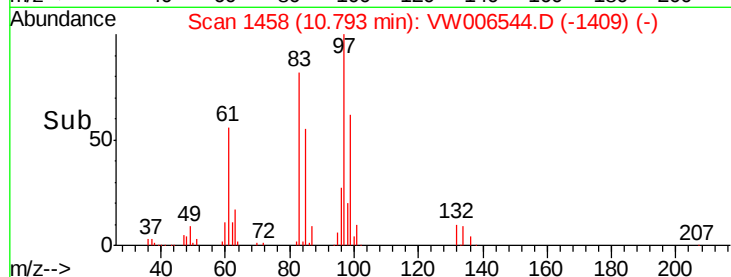
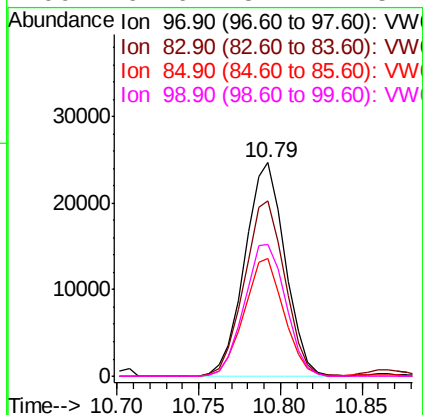
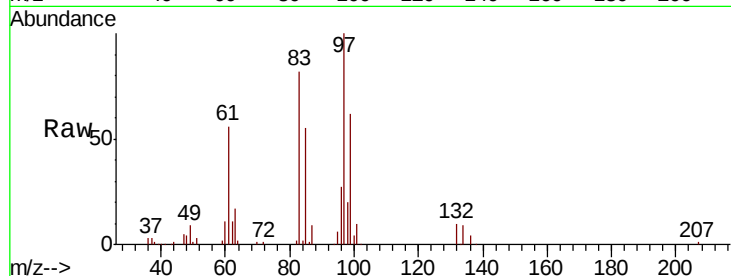
ClientSampled :

VSTDIC020

Tot Ion:	97	Resp:	42437
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.9	101.9
85	55.2	44.0	66.0
99	61.6	52.2	78.2

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#56

Ethyl methacrylate

Concen: 19.040 ug/l

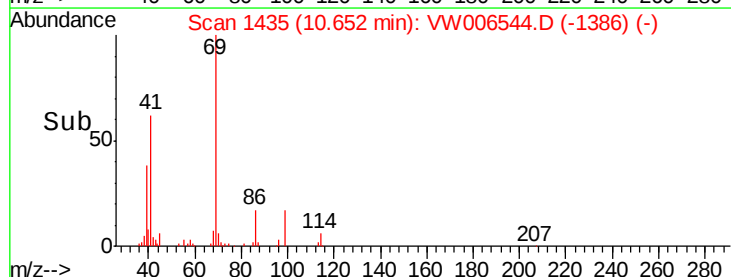
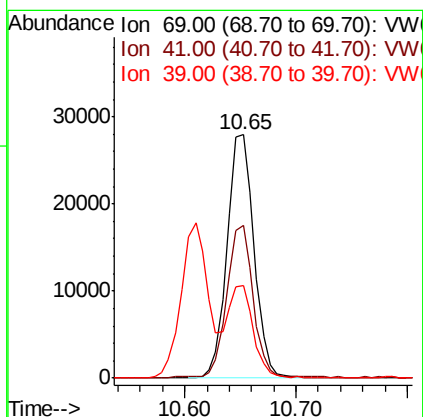
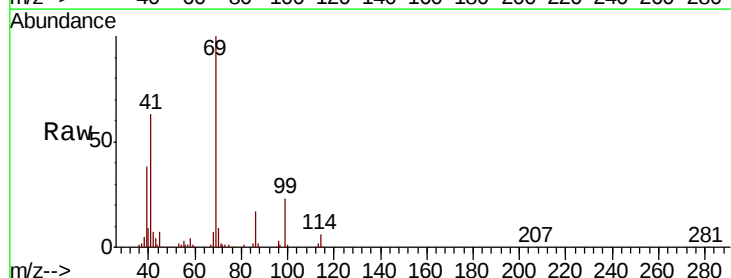
RT: 10.65 min Scan# 1435

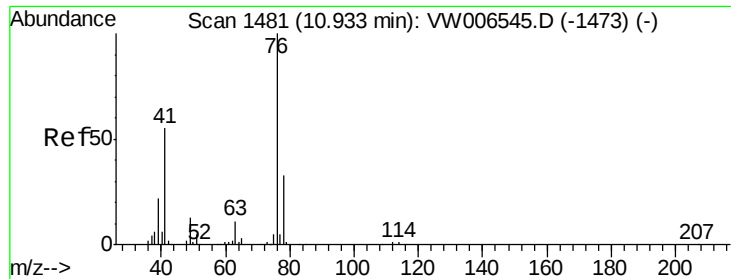
Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Tgt Ion:	69	Resp:	46879
Ion	Ratio	Lower	Upper
69	100		
41	62.5	47.4	71.2
39	33.8	25.3	37.9





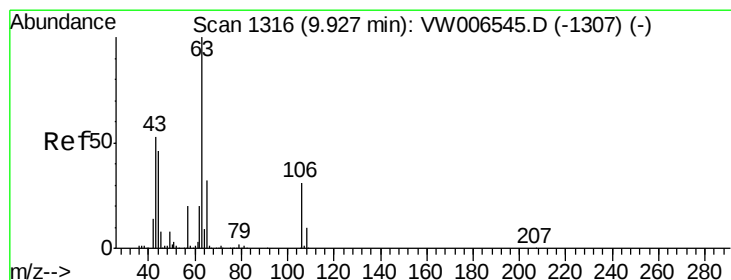
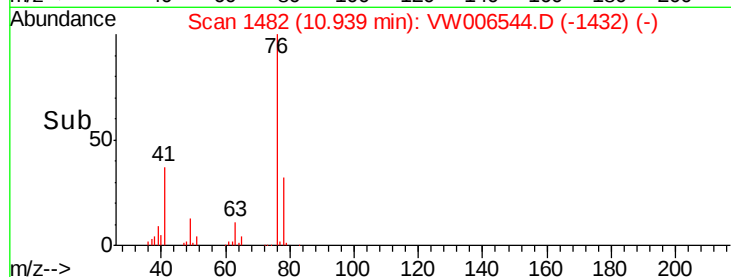
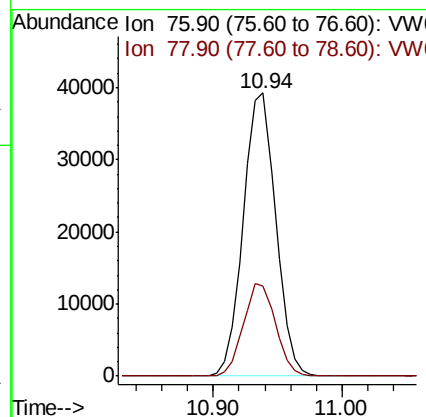
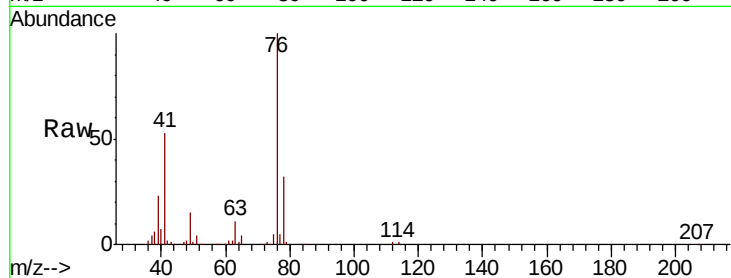
#57
 1,3-Dichloropropane
 Concen: 20.490 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion: 76 Resp: 68383
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4

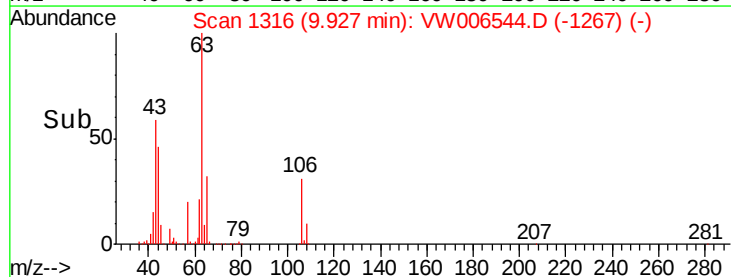
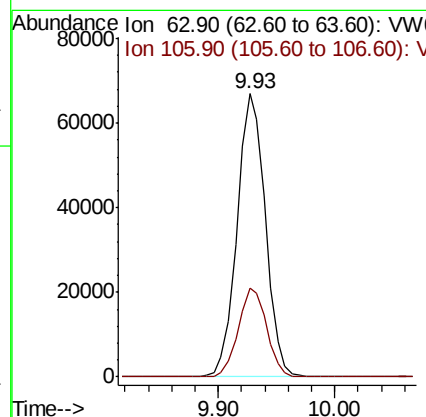
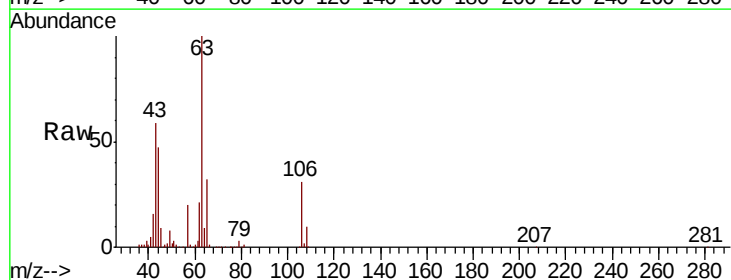
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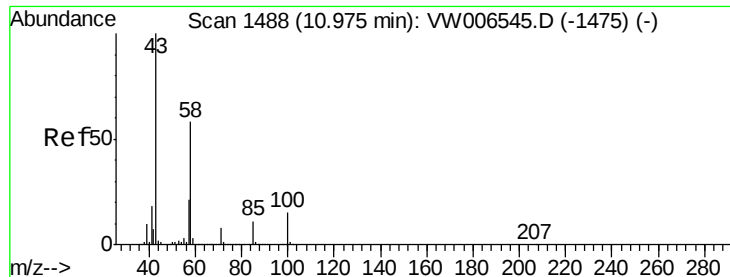
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#58
 2-Chloroethyl Vinyl ether
 Concen: 115.650 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Tgt Ion: 63 Resp: 113129
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.4 38.2





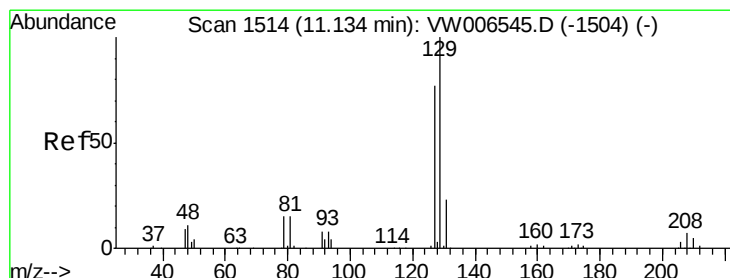
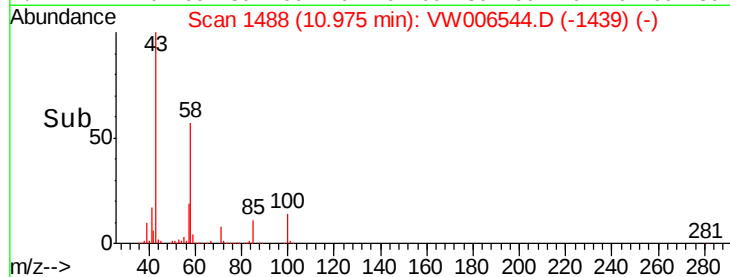
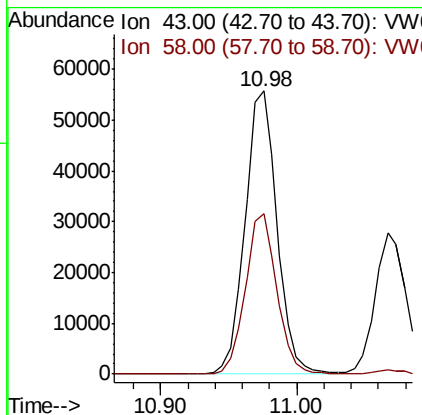
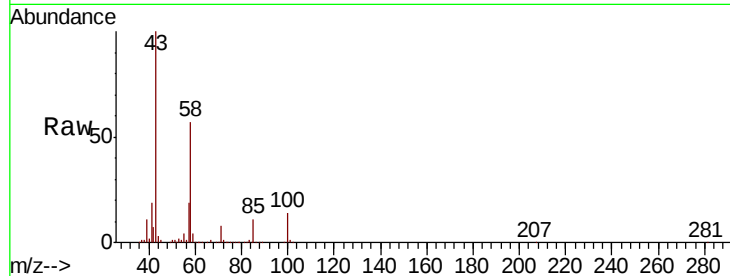
#59
2-Hexanone
Concen: 89.205 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion: 43 Resp: 91803
Ion Ratio Lower Upper
43 100
58 55.6 28.8 86.4

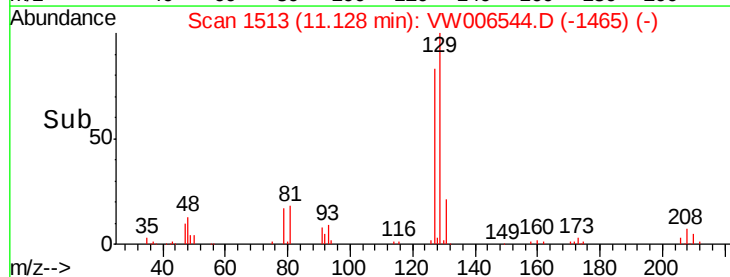
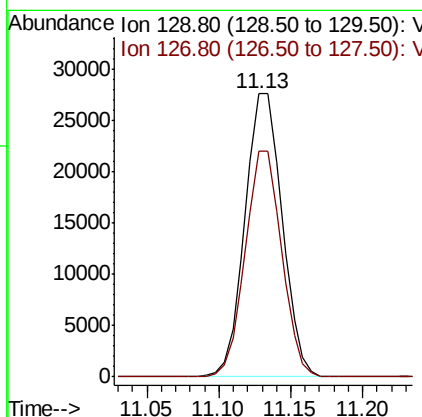
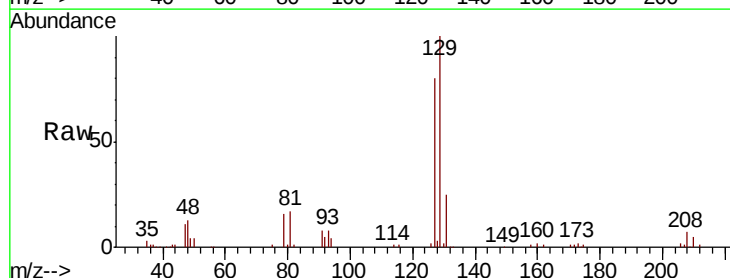
Manual Integrations
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#60
Dibromochloromethane
Concen: 19.727 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion: 129 Resp: 49457
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3





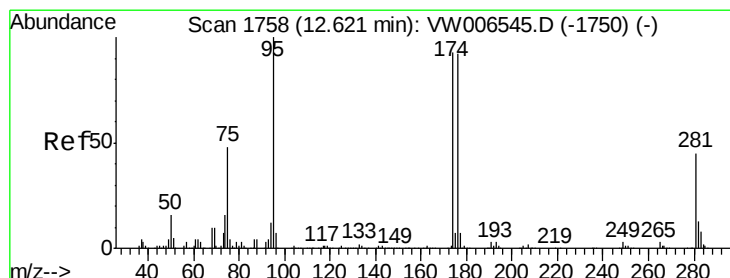
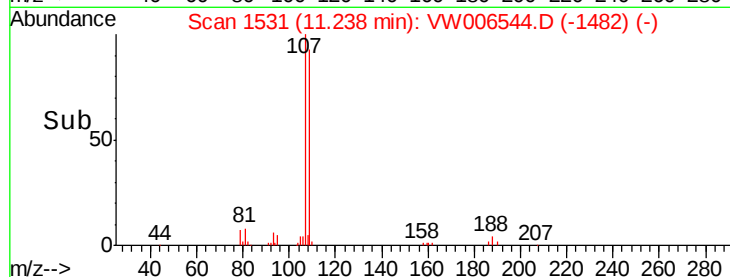
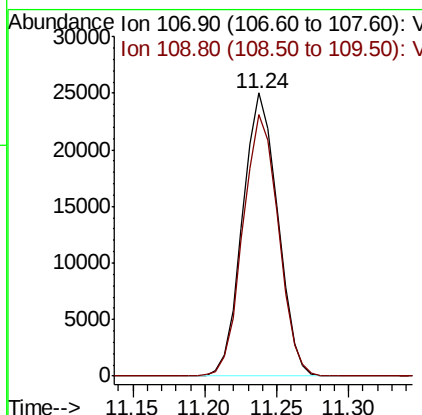
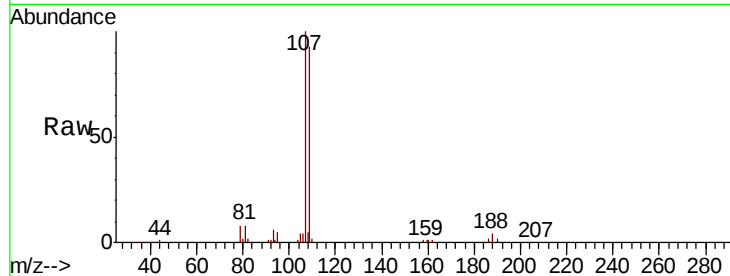
#61
1,2-Dibromoethane
Concen: 20.996 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.8	113.6

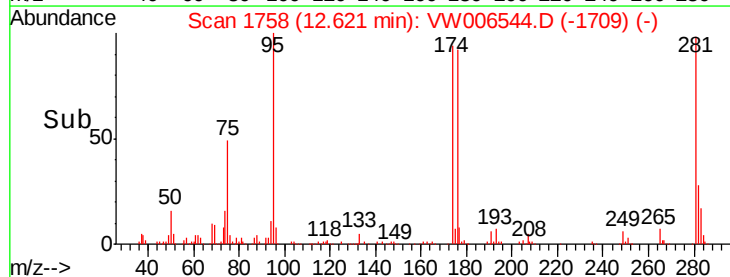
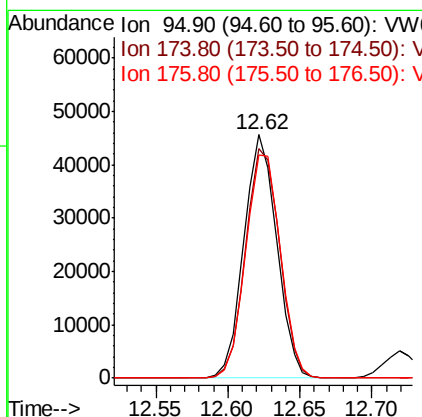
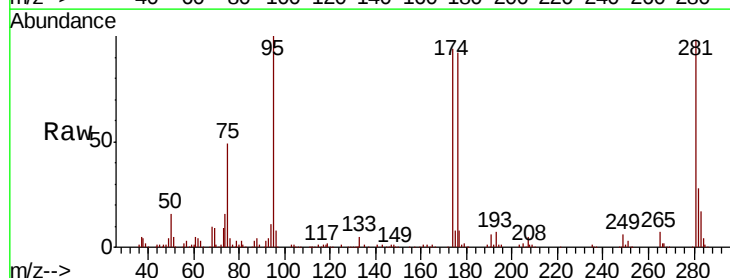
Manual Integrations
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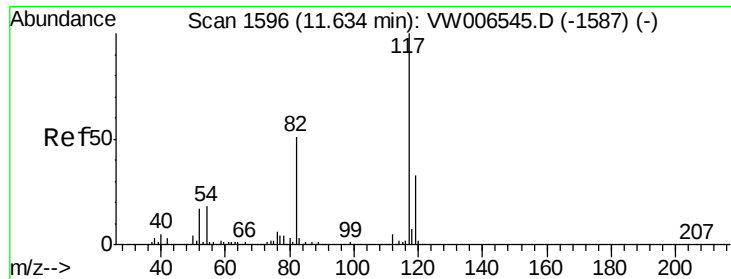
apatel
11/2/2018 3:11:28 PM



#62
4-Bromofluorobenzene
Concen: 20.272 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	192.4
176	97.1	0.0	187.4





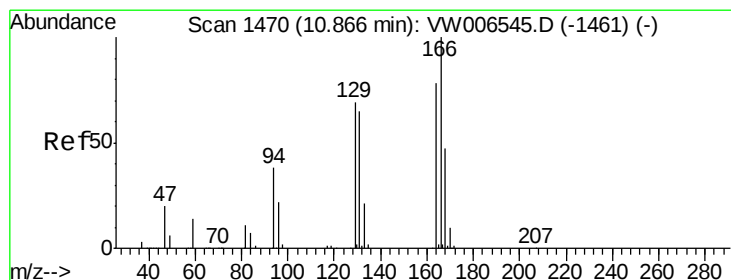
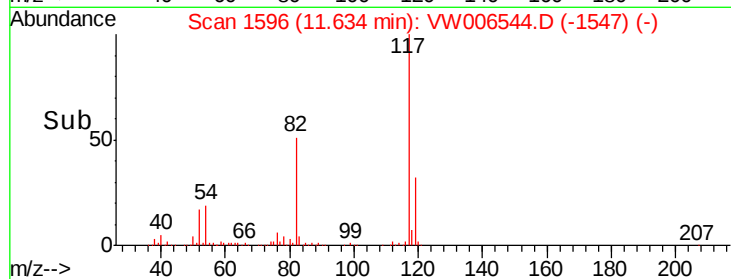
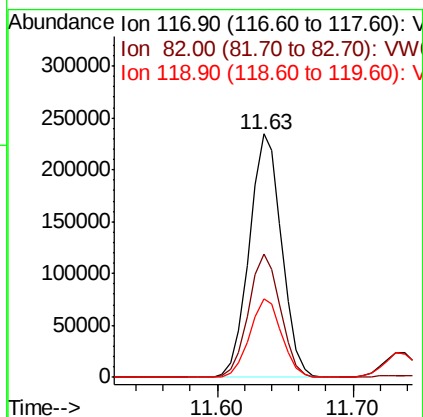
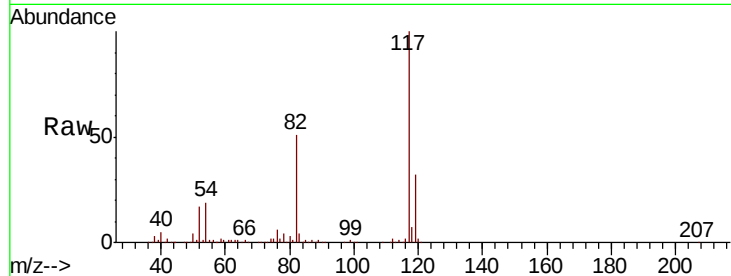
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	390049		
82	50.6		40.8	61.2
119	32.4		26.1	39.1

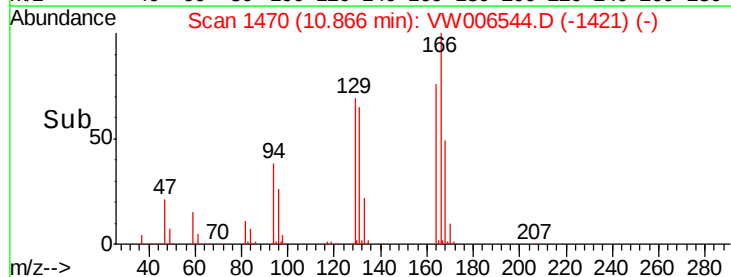
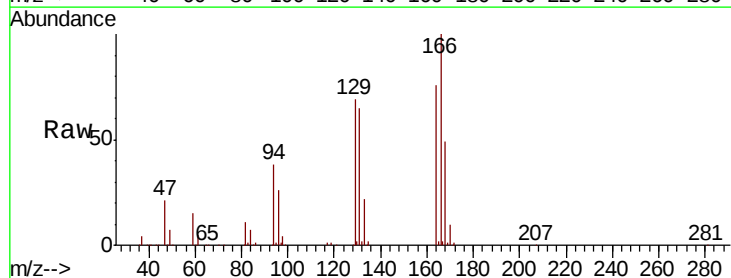
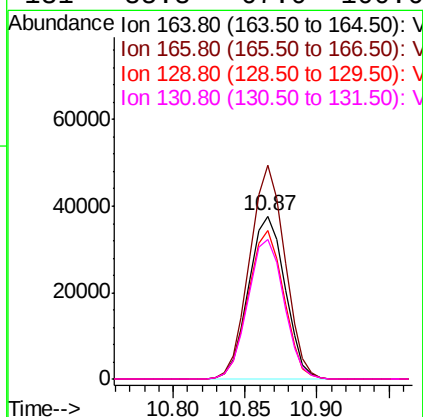
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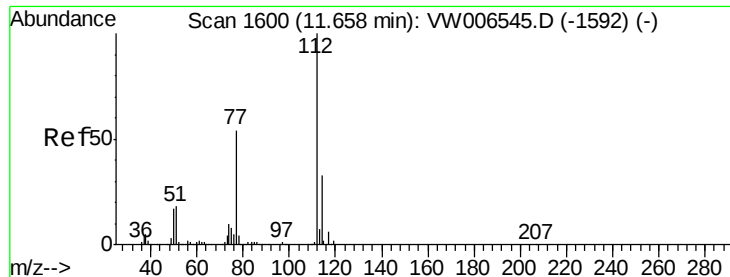
apatel
11/2/2018 3:11:28 PM



#64
Tetrachloroethene
Concen: 21.603 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65919		
166	131.1		102.8	154.2
129	90.9		70.9	106.3
131	85.8		67.0	100.6





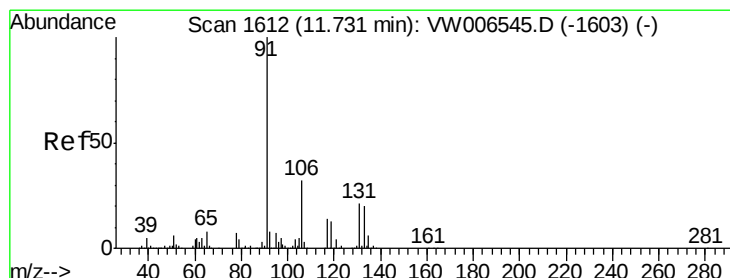
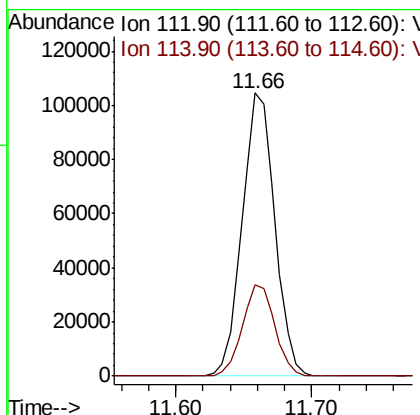
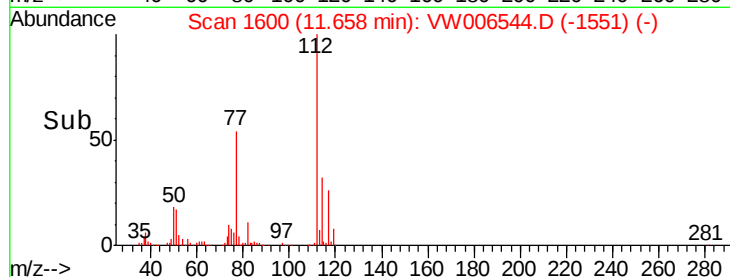
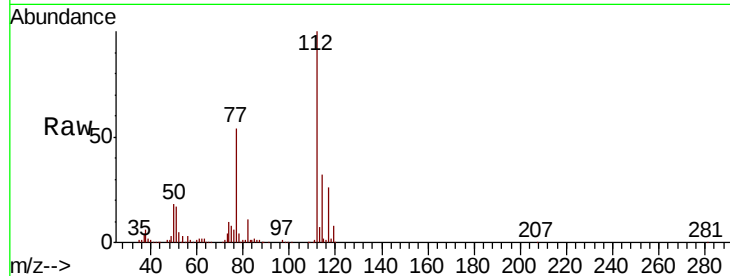
#65
Chlorobenzene
Concen: 20.933 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion:112 Resp: 175003
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

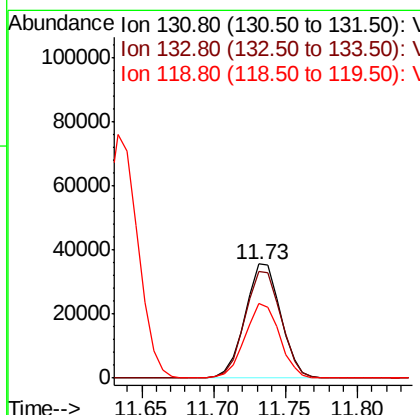
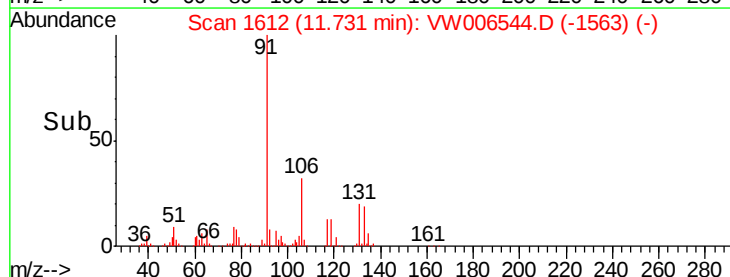
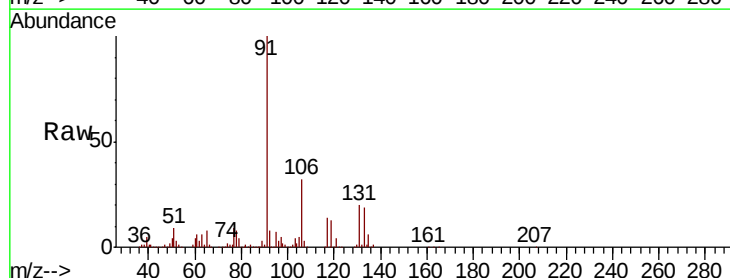
Manual Integrations
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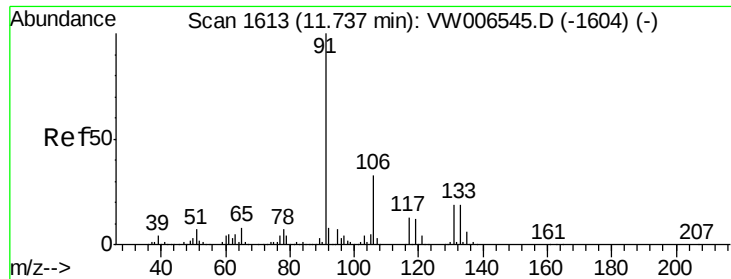
apatel
11/2/2018 3:11:28 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.506 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion:131 Resp: 60740
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 64.2 31.9 95.5





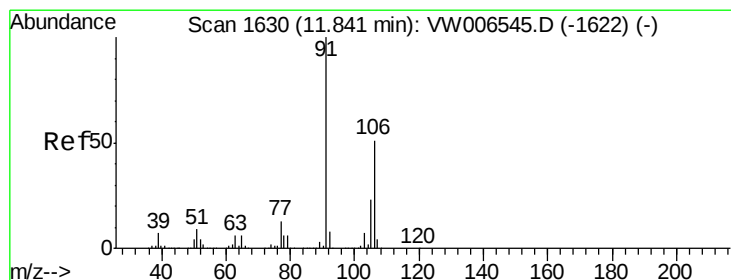
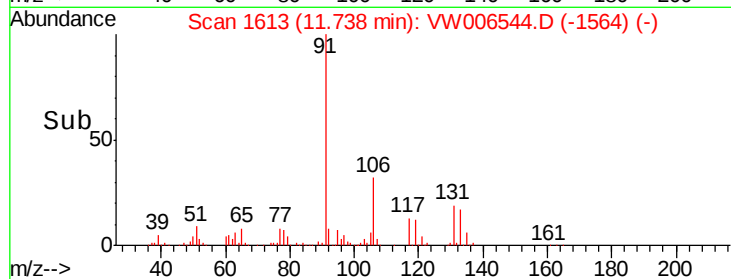
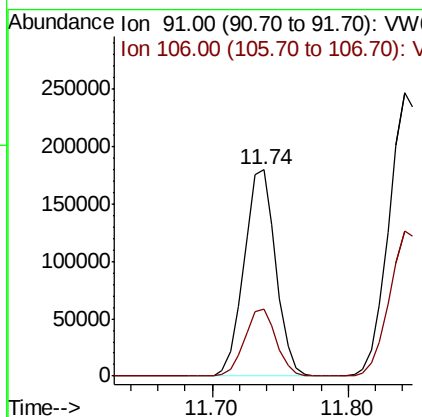
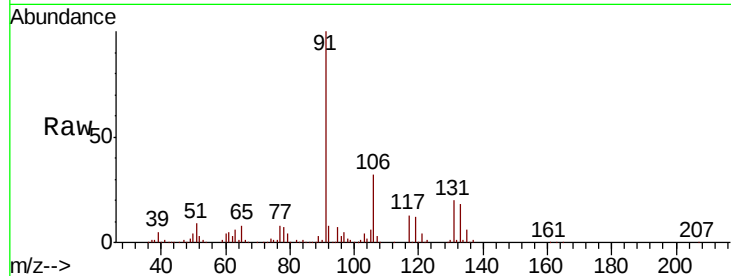
#67
Ethyl Benzene
Concen: 20.335 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.4	26.3	39.5

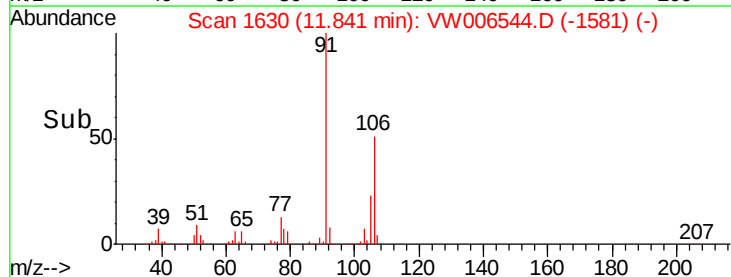
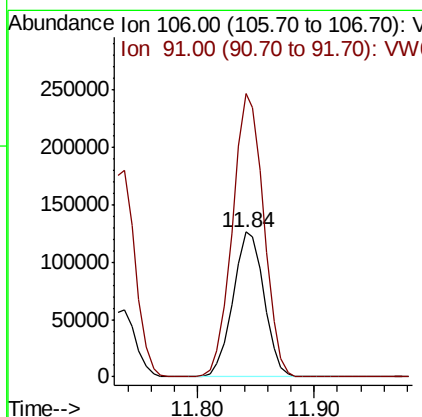
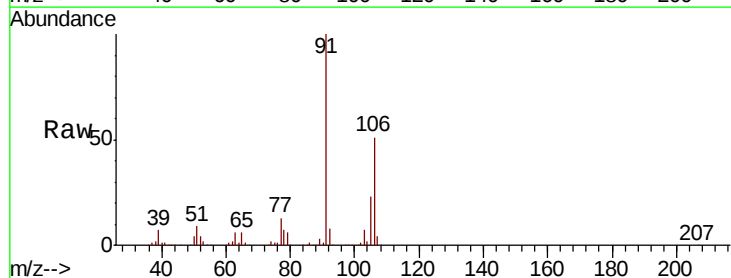
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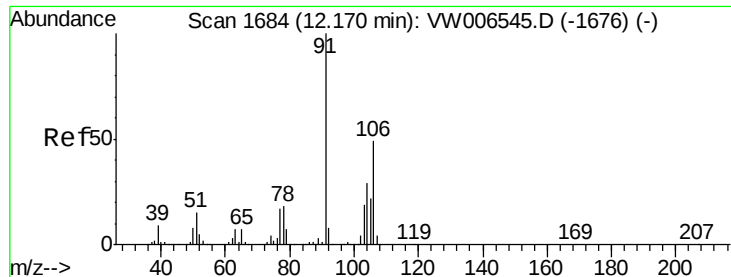
apatel
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#68
m/p-Xylenes
Concen: 41.087 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.4	156.7	235.1





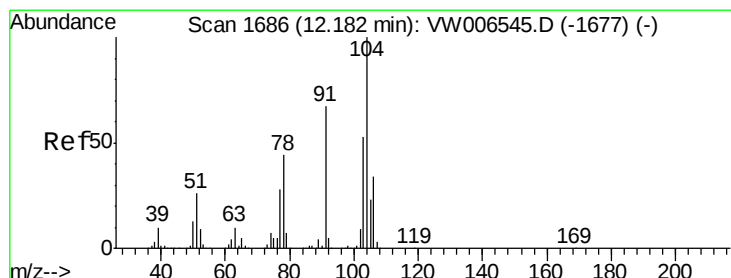
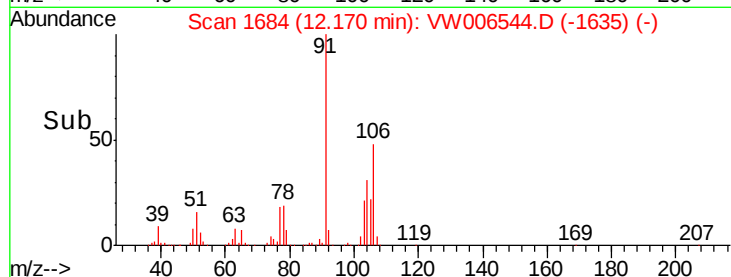
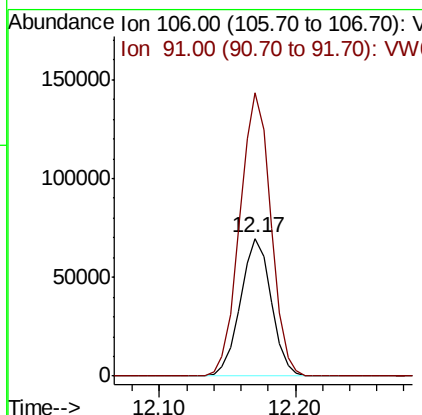
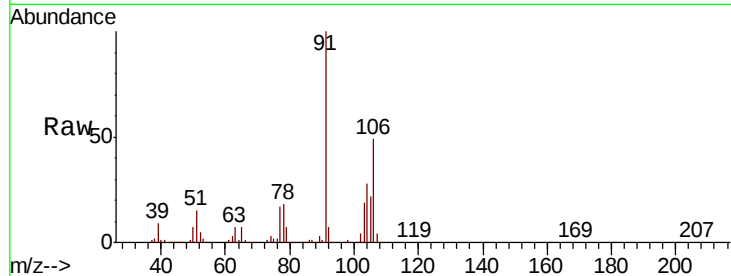
#69
o-Xylene
Concen: 20.285 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.9	102.8	308.4

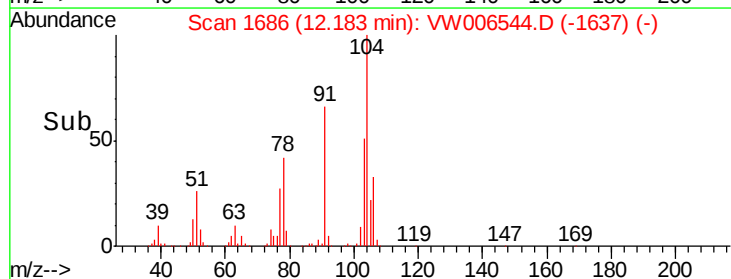
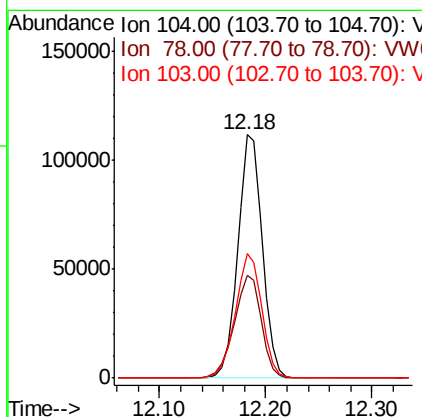
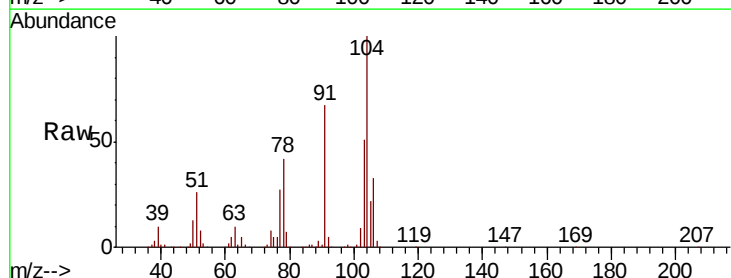
Manual Integrations
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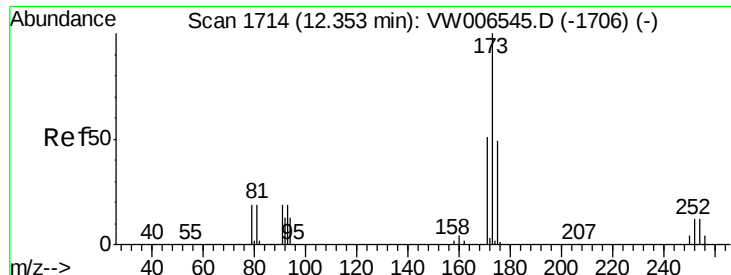
apatel
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#70
Styrene
Concen: 20.397 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.4	37.2	55.8
103	55.0	44.2	66.2





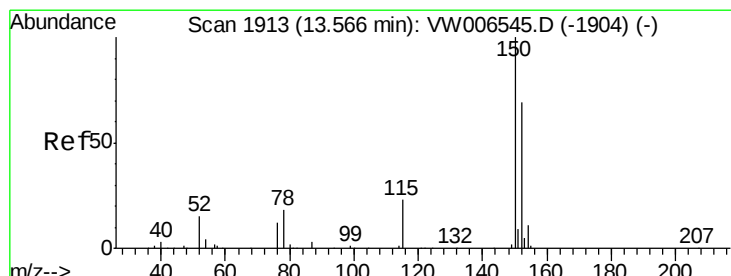
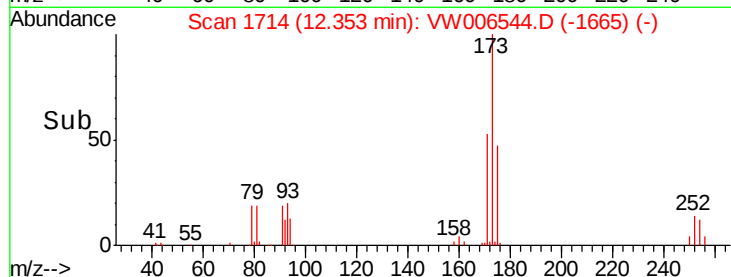
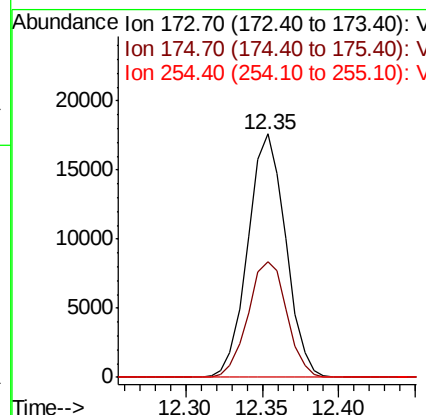
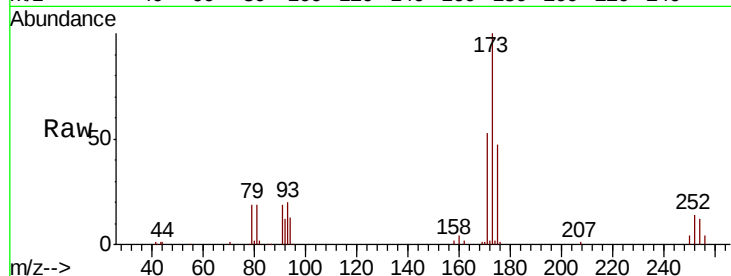
#71
Bromoform
Concen: 18.441 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.4
254	0.0	0.1	0.1#

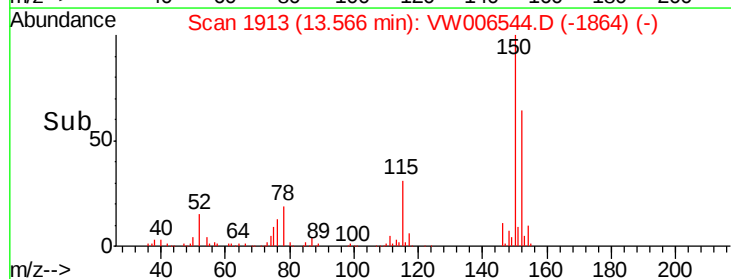
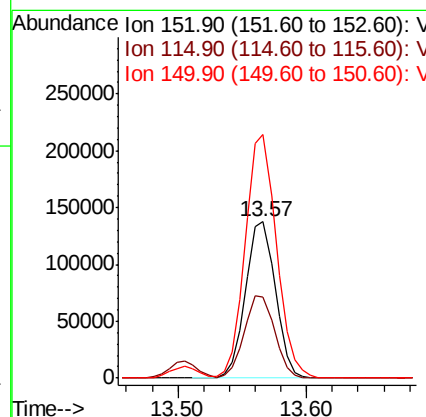
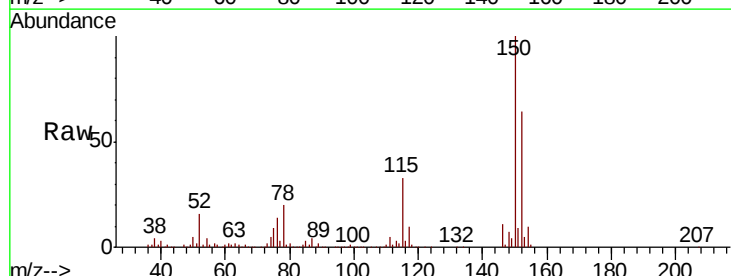
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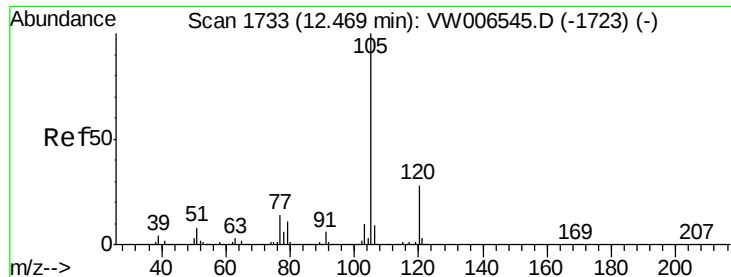
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.6	79.8
150	163.1	0.0	344.6





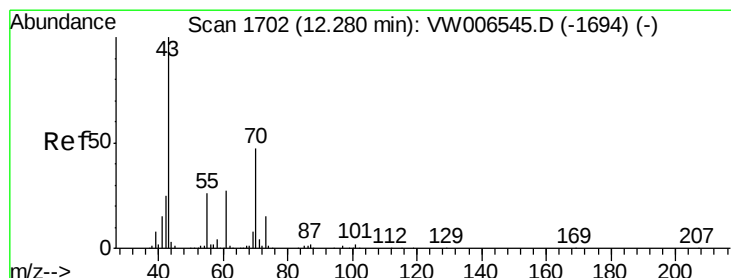
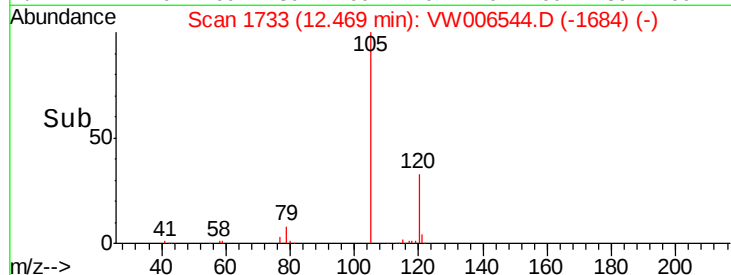
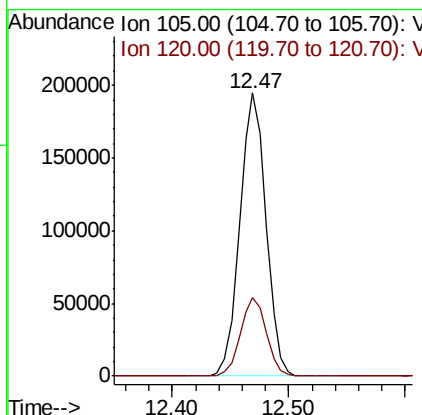
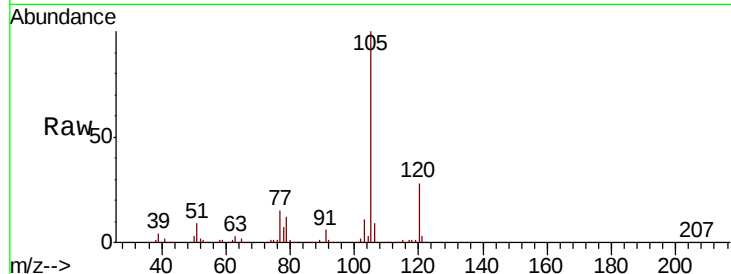
#73
Isopropylbenzene
Concen: 19.723 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 105 Resp: 303665
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1

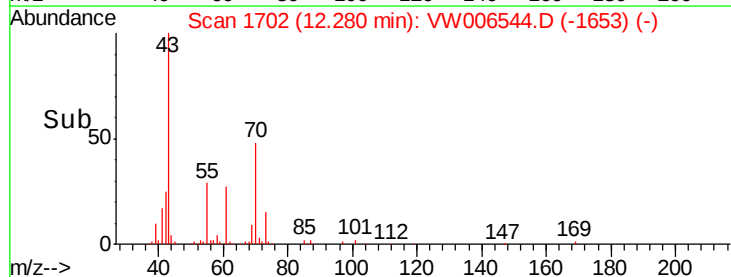
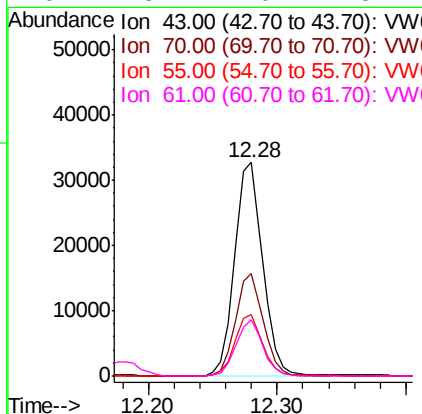
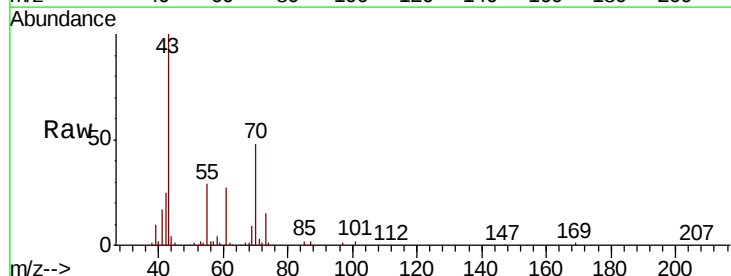
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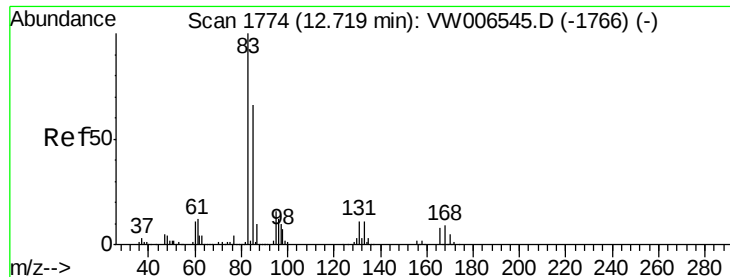
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#74
N-ethyl acetate
Concen: 16.915 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion: 43 Resp: 49709
Ion Ratio Lower Upper
43 100
70 47.1 36.9 55.3
55 28.4 20.7 31.1
61 25.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.171 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

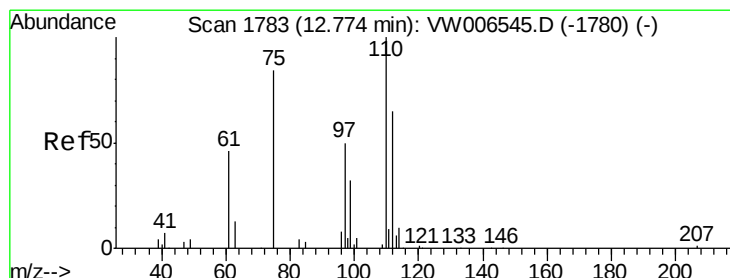
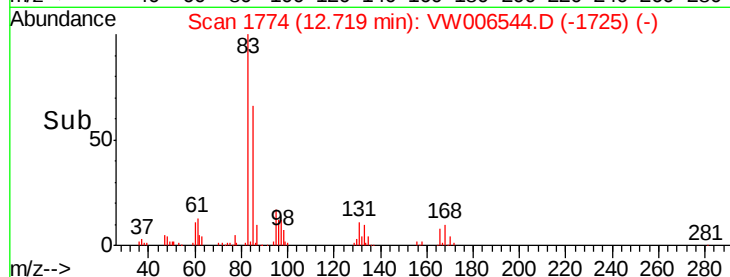
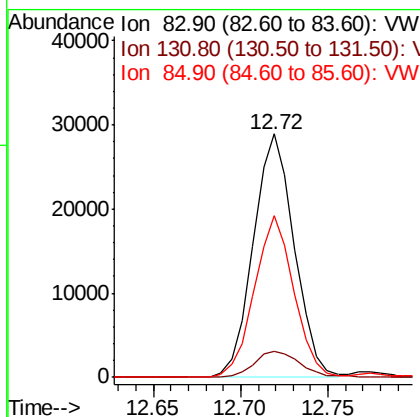
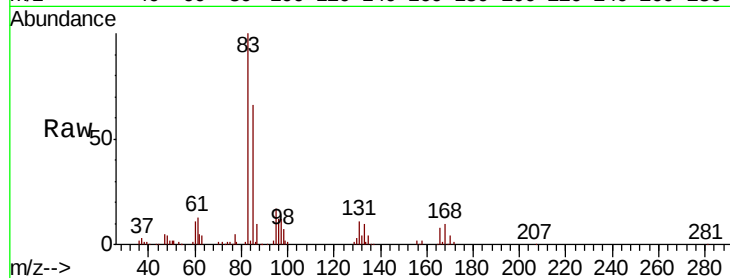
ClientSampled :

VSTDIC020

Tot Ion:	83	Resp:	47247
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.7
85	64.4	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.145 ug/l m

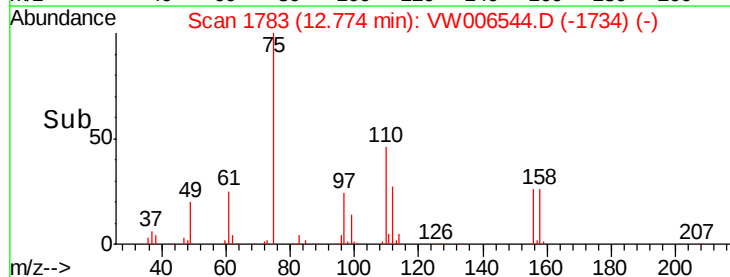
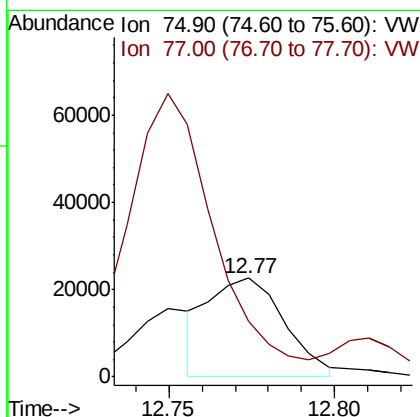
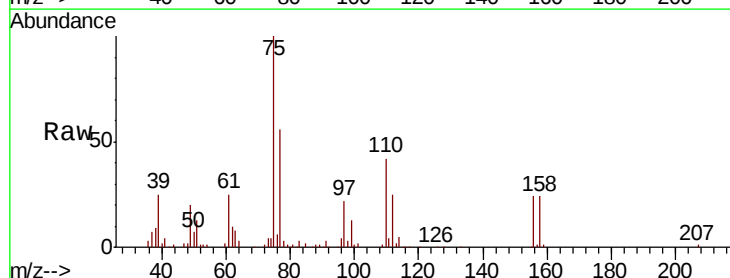
RT: 12.77 min Scan# 1783

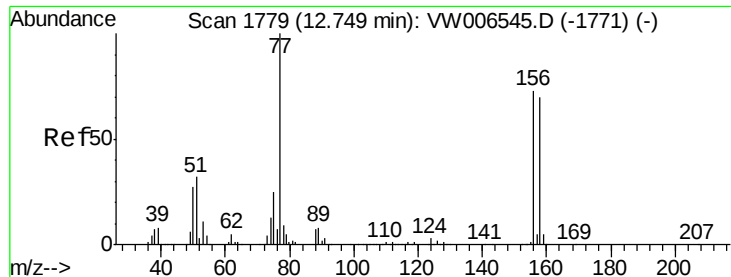
Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Tgt Ion:	75	Resp:	35926
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.854 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion:156 Resp: 79135

Ion Ratio Lower Upper

156 100

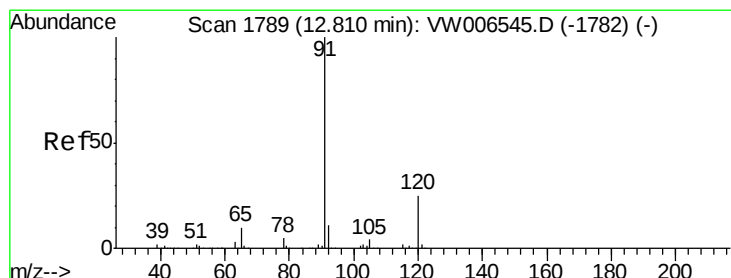
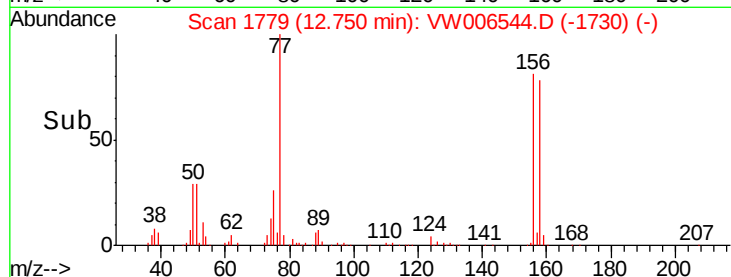
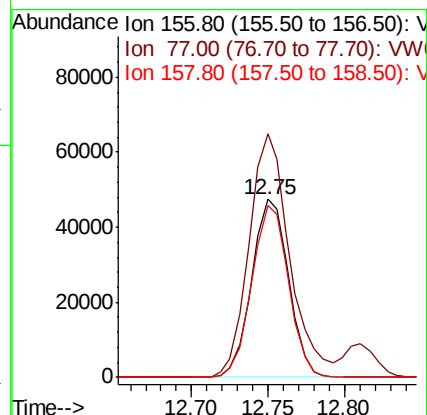
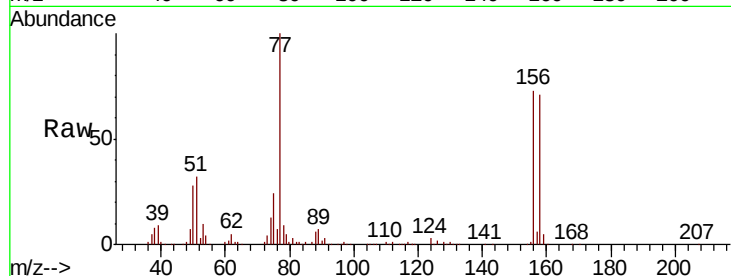
77 151.0 75.9 227.8

158 96.7 48.6 145.9

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#78

n-propylbenzene

Concen: 19.878 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006544.D

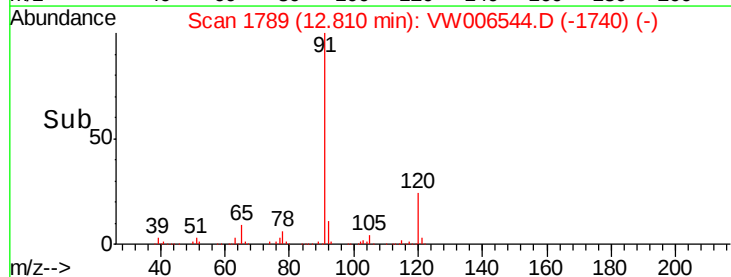
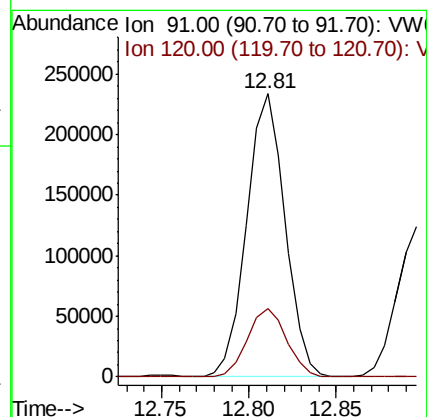
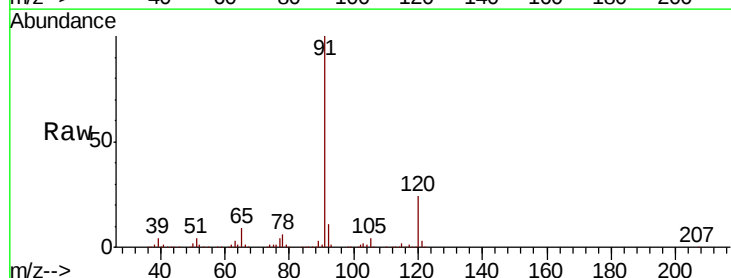
Acq: 01 Nov 2018 00:21

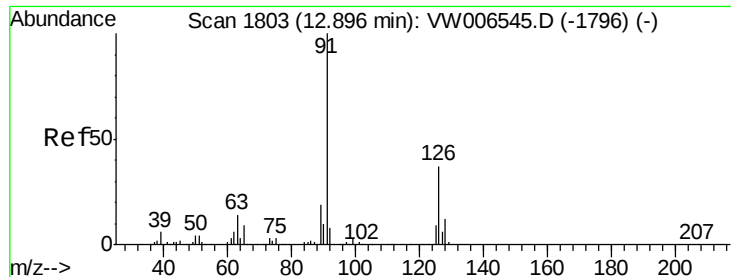
Tgt Ion: 91 Resp: 354999

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.0





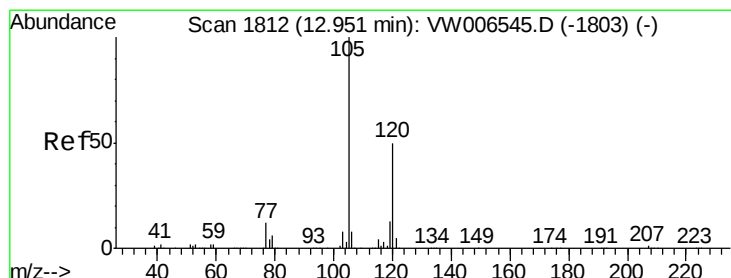
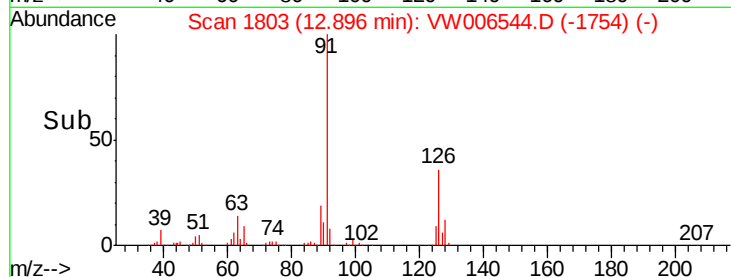
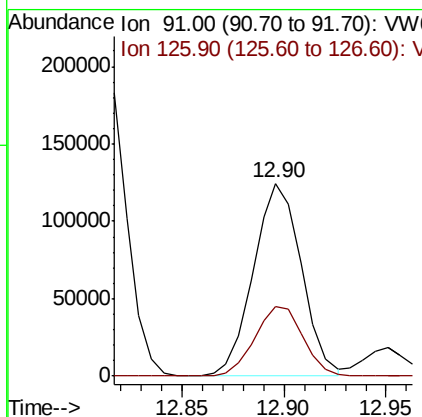
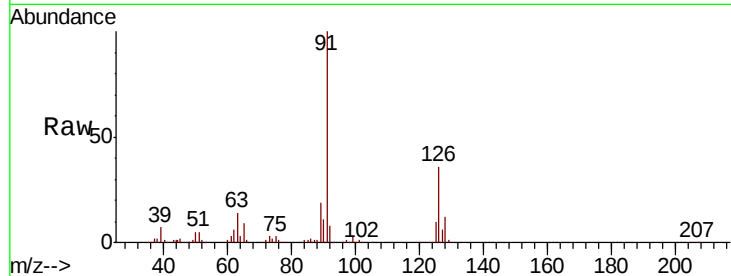
#79
 2-Chlorotoluene
 Concen: 20.268 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 203544
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.5 55.5

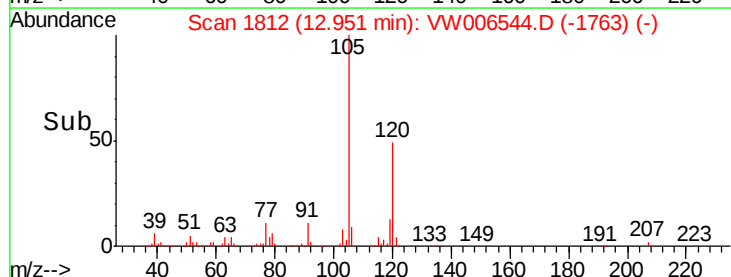
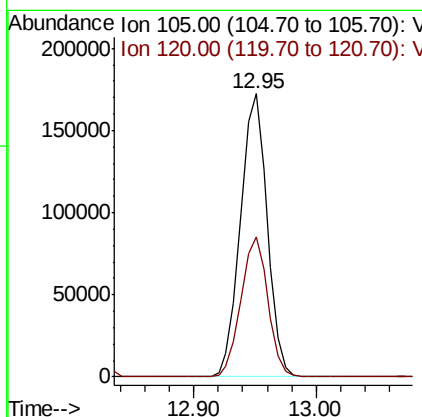
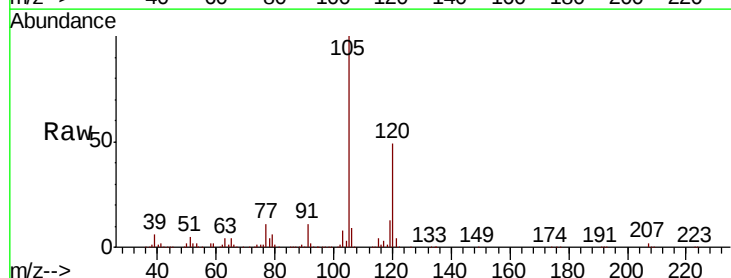
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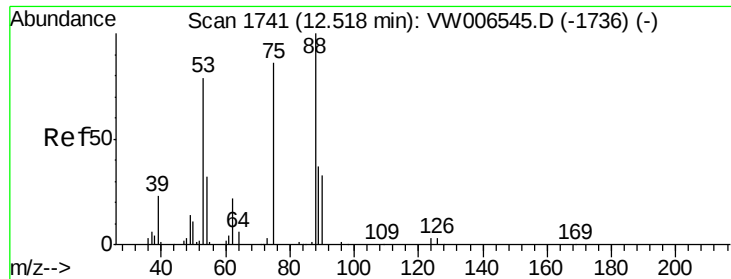
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.156 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Tgt Ion: 105 Resp: 261235
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.1 75.3





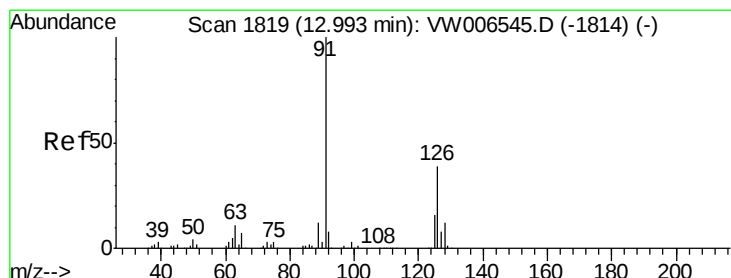
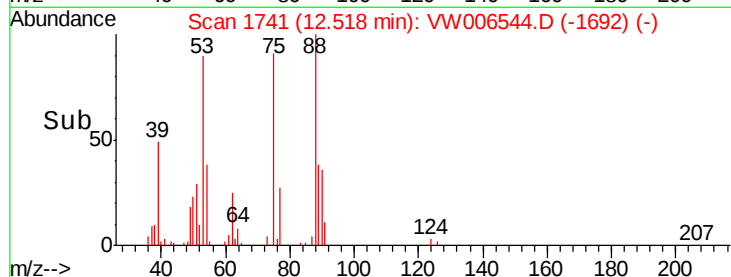
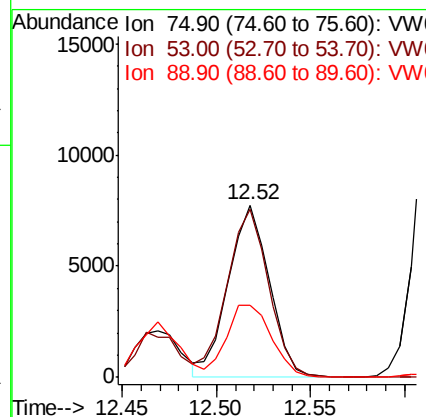
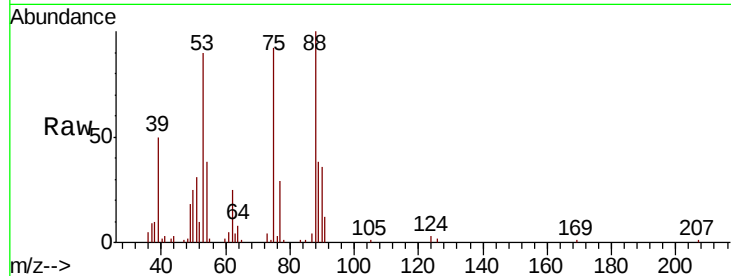
#81
trans-1,4-Dichloro-2-butene
Concen: 17.070 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.7	77.2	115.8
89	45.7	38.6	58.0

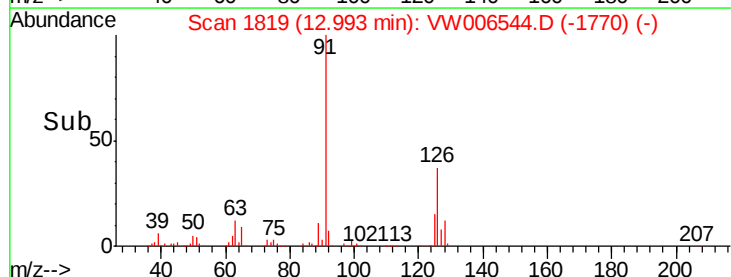
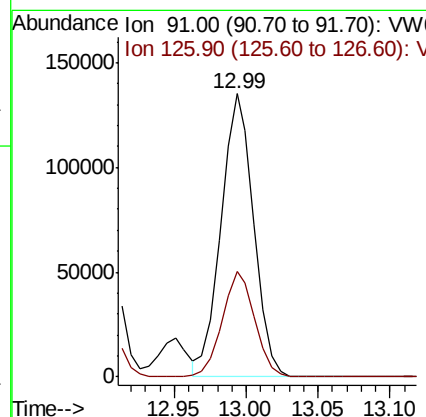
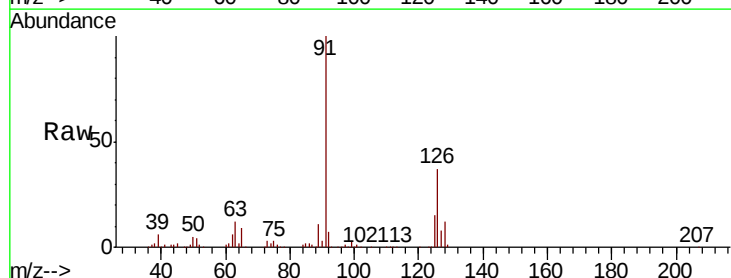
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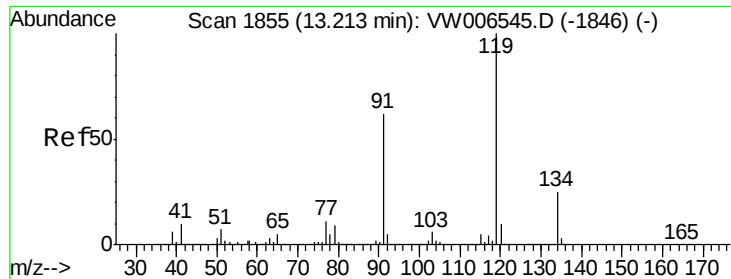
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#82
4-Chlorotoluene
Concen: 20.248 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.5	55.5





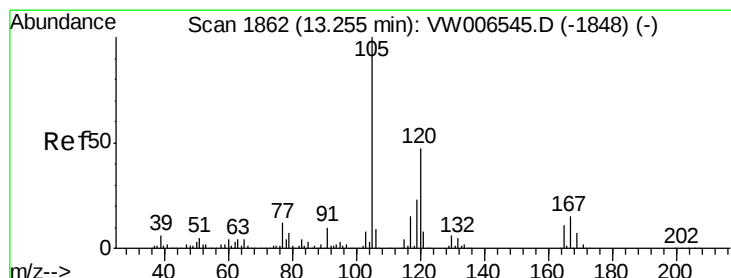
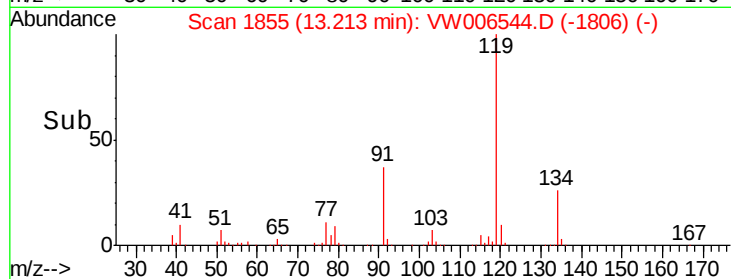
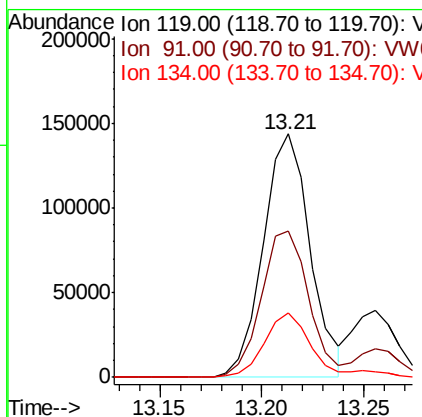
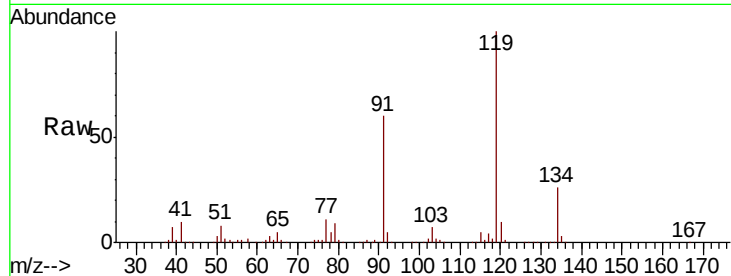
#83
tert-Butylbenzene
Concen: 19.880 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	230643		
91	60.8	30.4	91.3	
134	27.4	13.5	40.4	

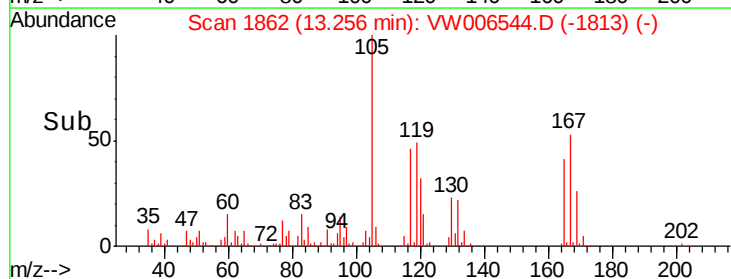
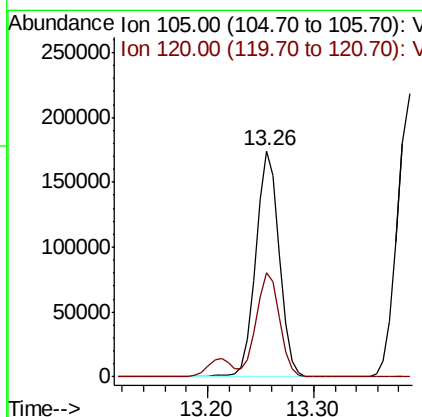
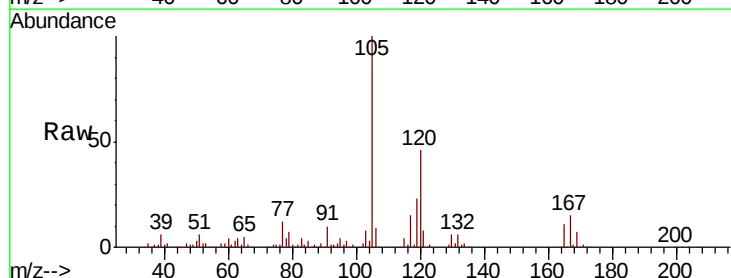
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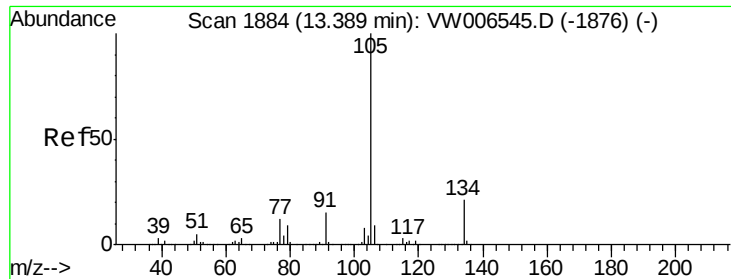
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#84
1,2,4-Trimethylbenzene
Concen: 20.388 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268193		
120	45.8	23.2	69.6	





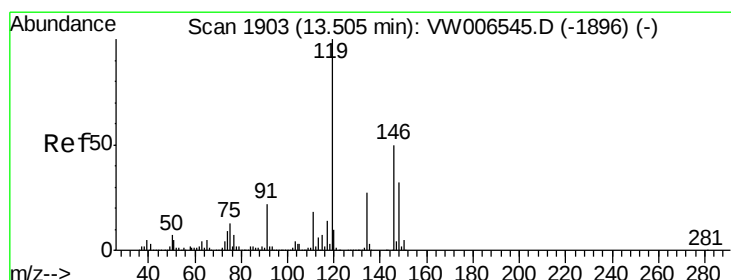
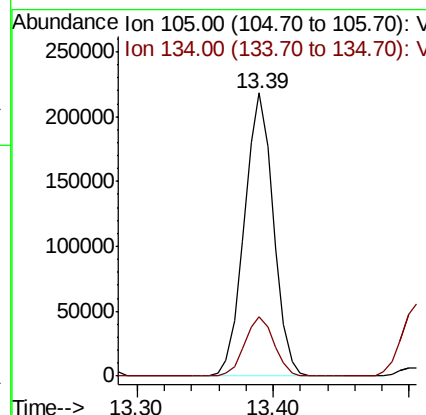
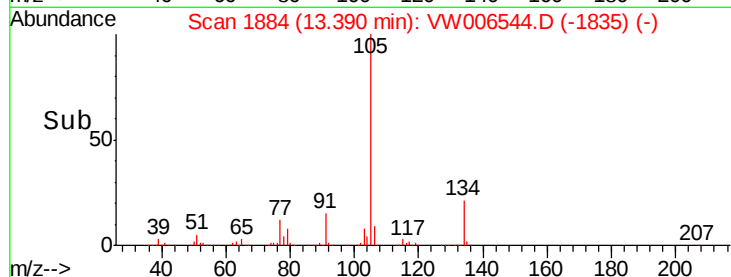
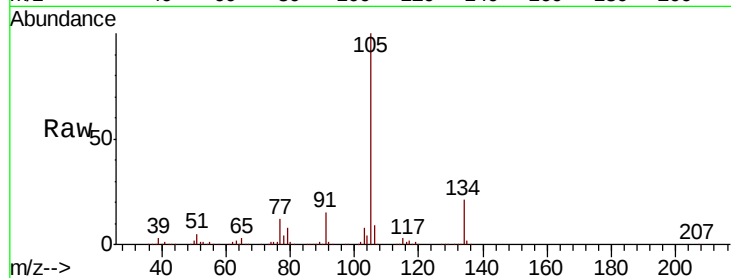
#85
 sec-Butylbenzene
 Concen: 19.907 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	325325		
134	21.1	10.6	31.8	

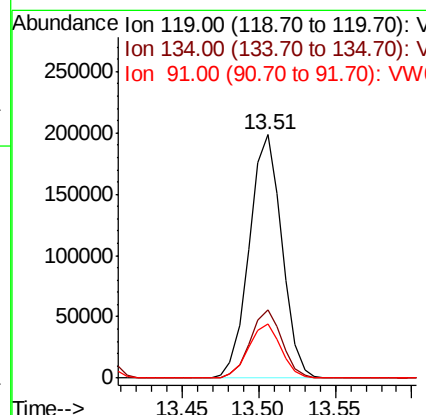
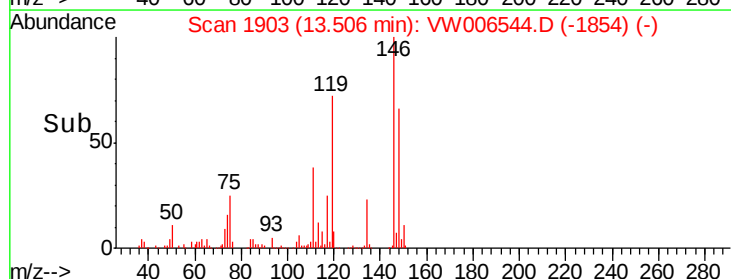
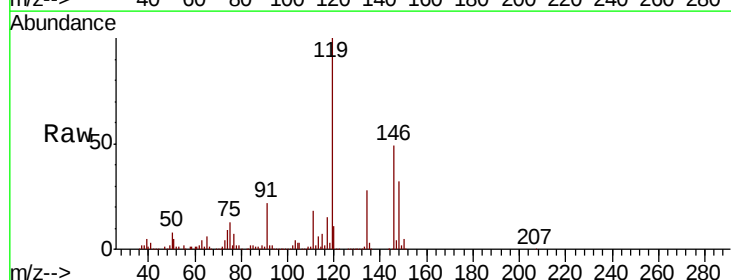
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#86
 p-Isopropyltoluene
 Concen: 19.829 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	293362		
134	27.5	13.6	40.7	
91	22.3	10.9	32.6	





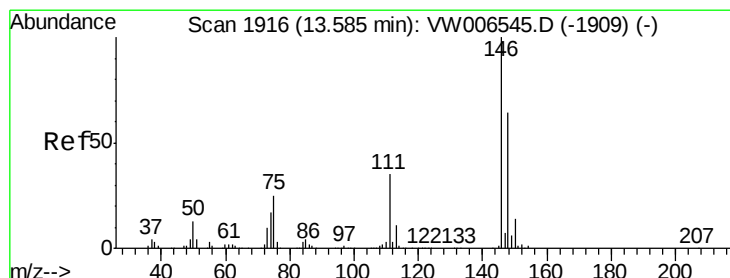
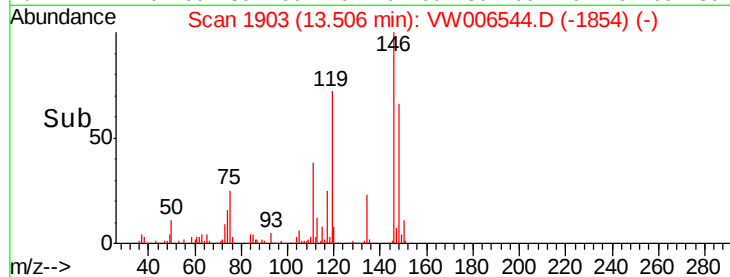
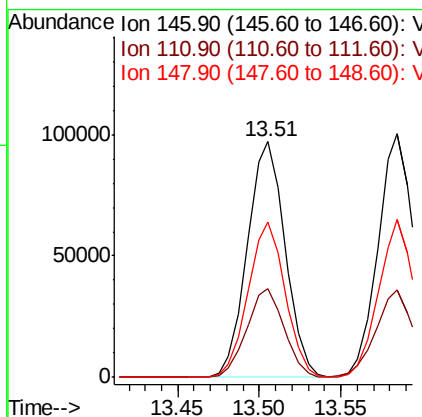
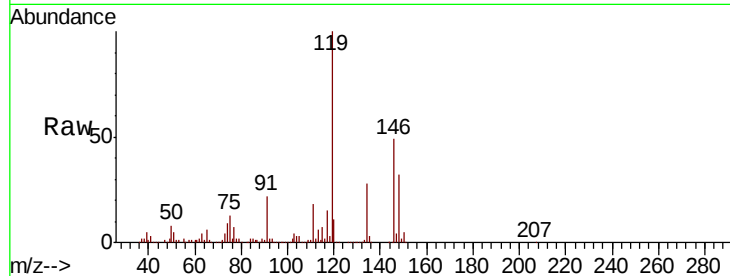
#87
 1,3-Dichlorobenzene
 Concen: 20.725 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.6
148	64.6	32.1	96.3

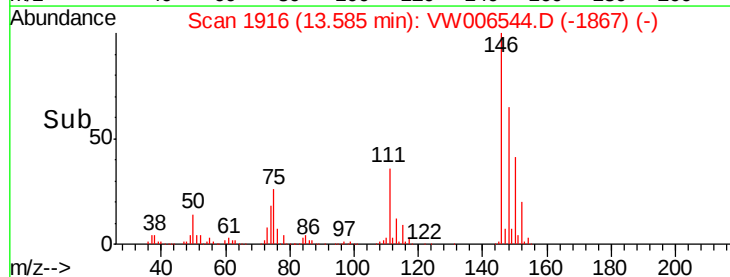
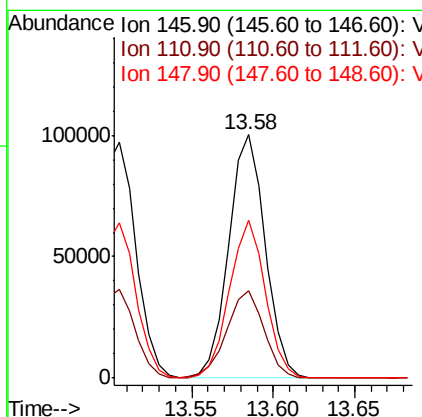
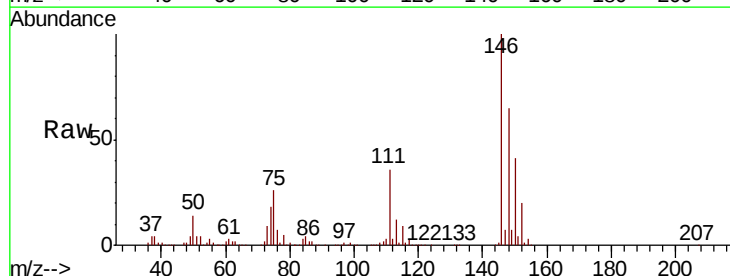
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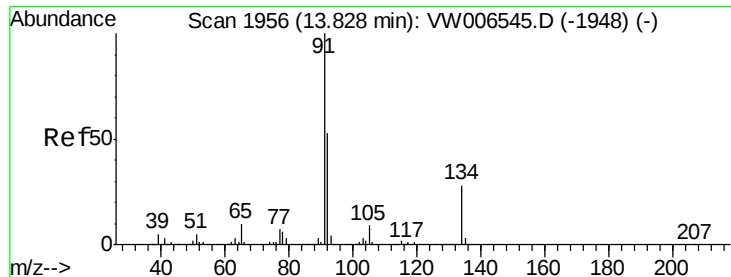
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#88
 1,4-Dichlorobenzene
 Concen: 20.795 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.9	53.7
148	63.7	32.1	96.5





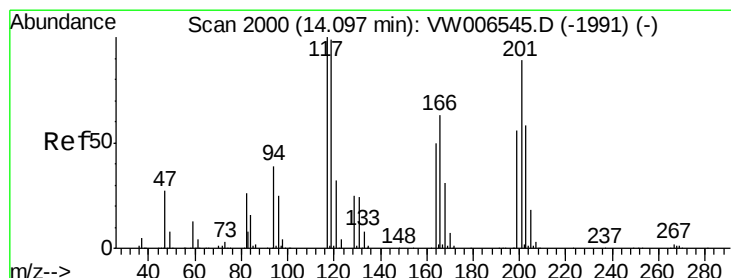
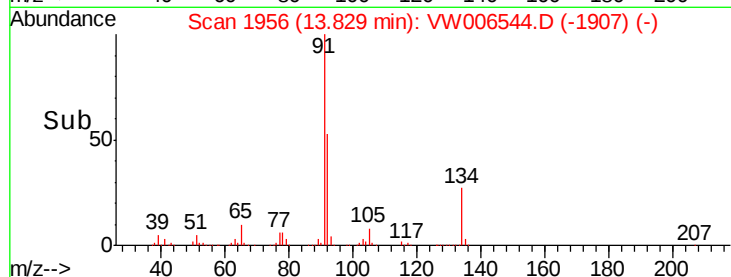
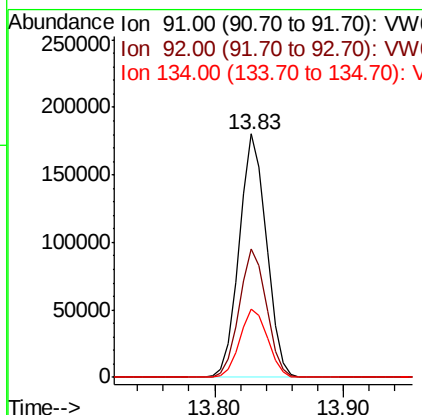
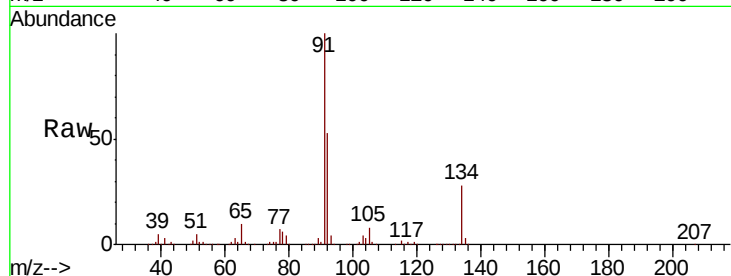
#89
n-Butylbenzene
Concen: 19.552 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.0
134	28.6	14.3	42.9

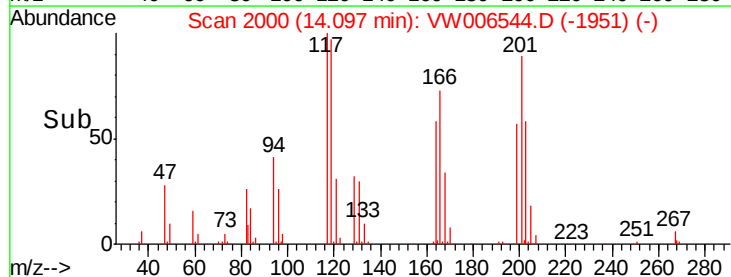
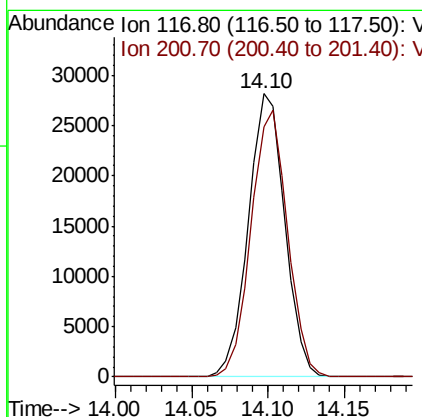
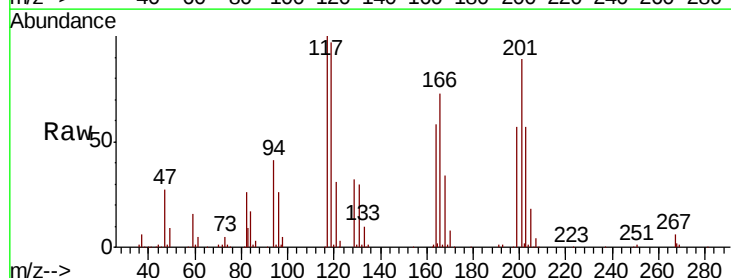
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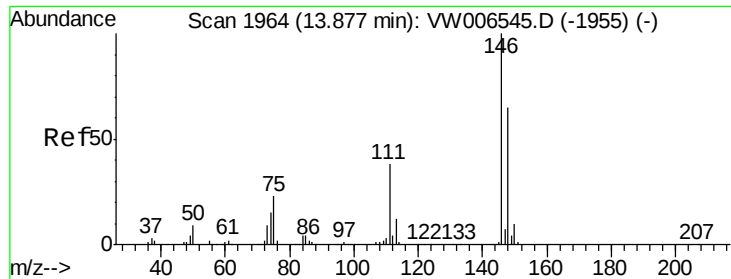
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#90
Hexachloroethane
Concen: 18.747 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006544.D
Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.4	46.8	140.3





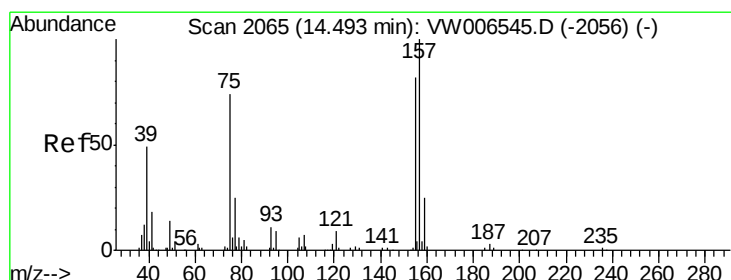
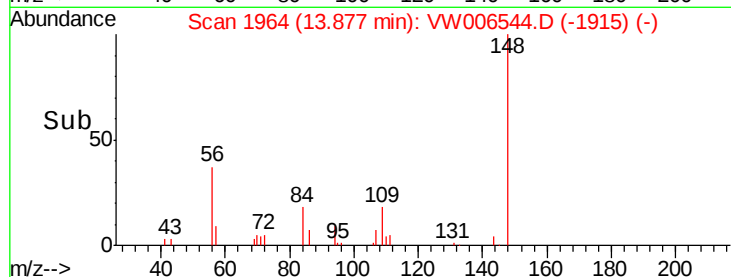
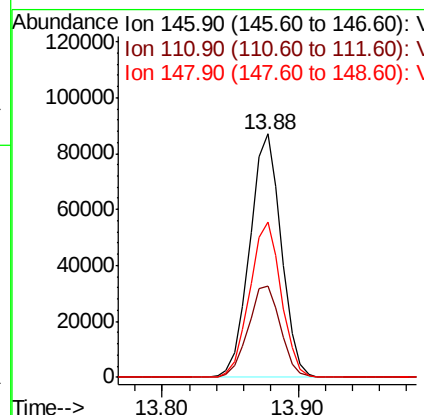
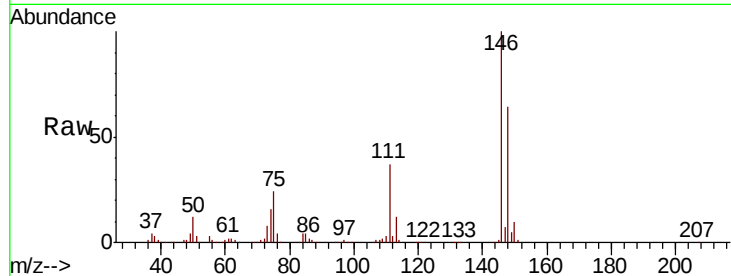
#91
 1,2-Dichlorobenzene
 Concen: 20.910 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.1	32.0	96.0

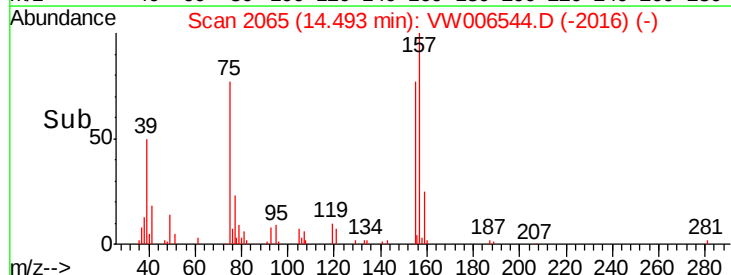
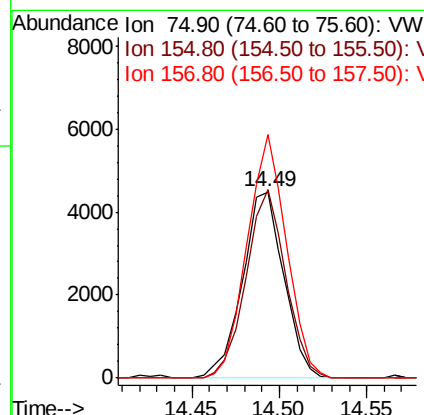
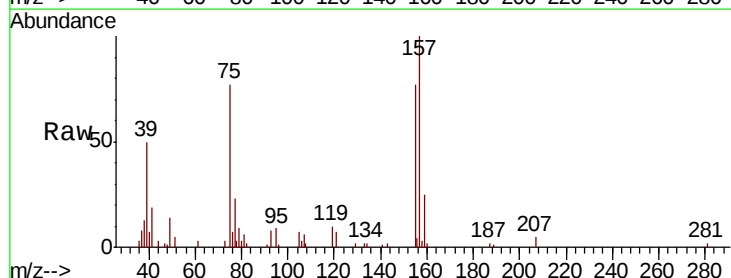
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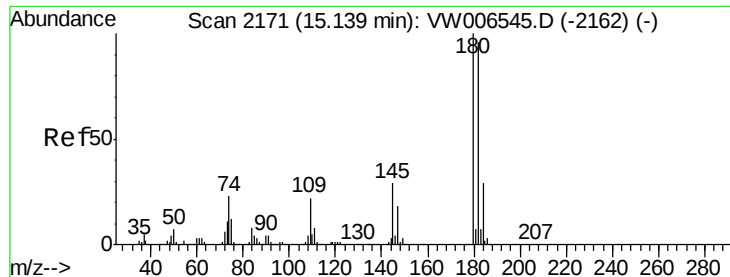
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.884 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	50.6	151.8
157	124.0	65.0	195.0





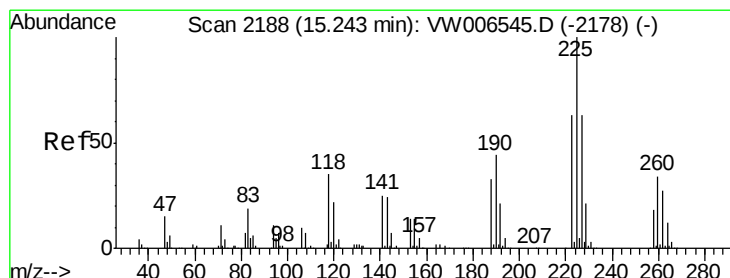
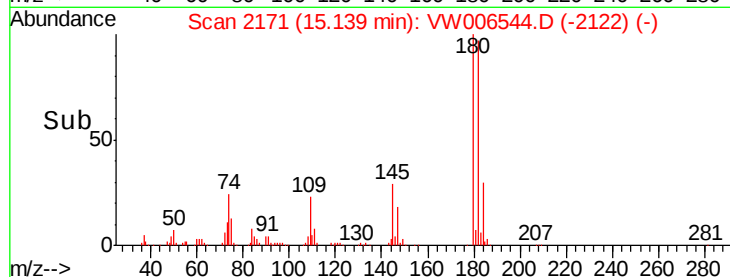
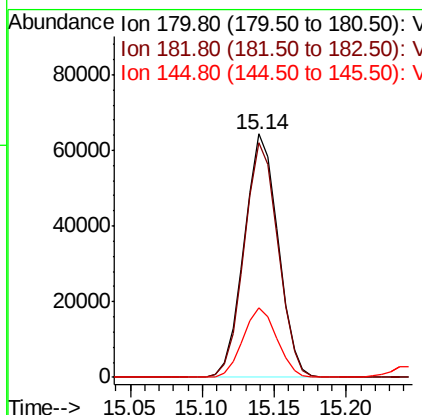
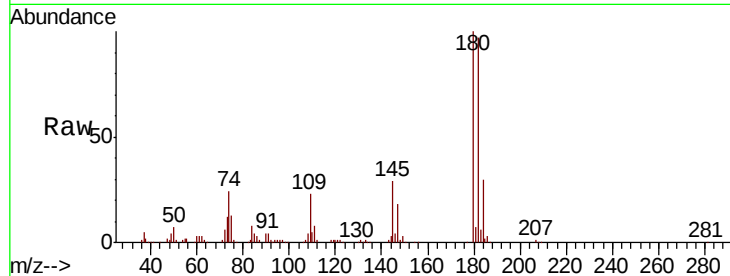
#93
 1,2,4-Trichlorobenzene
 Concen: 20.170 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	47.5	142.6	
145	28.7	14.0	42.0	

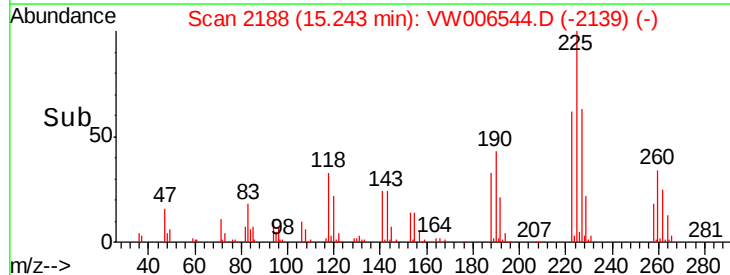
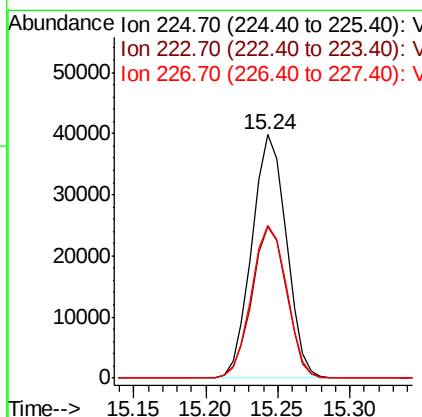
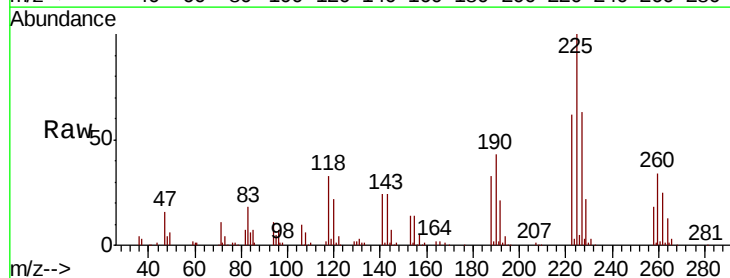
Manual Integrations
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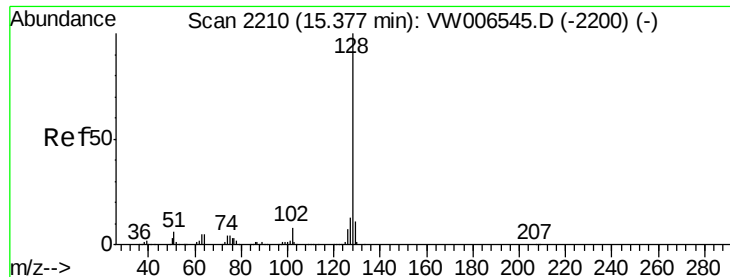
apatel
 11/2/2018 3:11:28 PM



#94
 Hexachlorobutadiene
 Concen: 20.394 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006544.D
 Acq: 01 Nov 2018 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.4	94.2	
227	64.2	32.2	96.6	





#95

Naphthalene

Concen: 19.040 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Instrument :

MSVOA_W

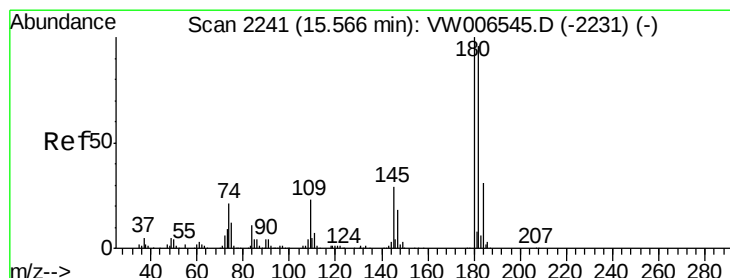
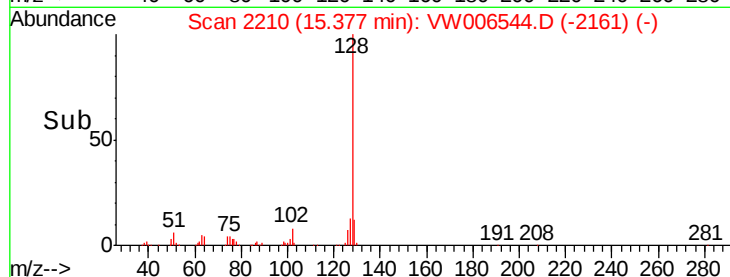
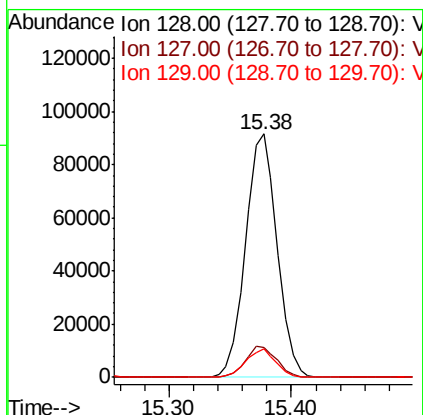
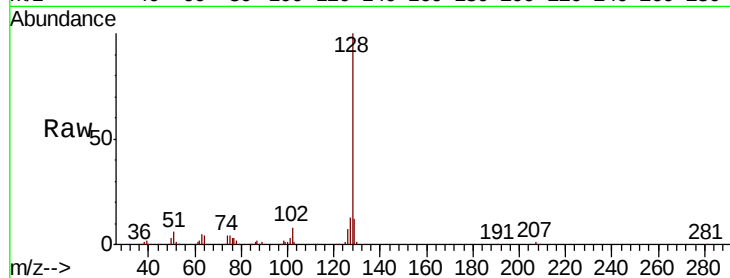
ClientSampled :

VSTDIC020

Tot Ion:	128	Resp:	163665
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 20.611 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006544.D

Acq: 01 Nov 2018 00:21

Tgt Ion:	180	Resp:	92615
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.2	144.6
145	29.6	14.9	44.5

