

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110318\
 Data File : VW006575.D
 Acq On : 01 Nov 2018 23:26
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 11/2/2018 1:01:22 PM

Quant Time: Nov 02 08:16:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	361639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194496	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	106974	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
35) Dibromofluoromethane	7.88	113	112385	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	10.33	98	425227	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	155016	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	66424	50.955	ug/l	99
3) Chloromethane	2.22	50	80374	49.832	ug/l	98
4) Vinyl Chloride	2.37	62	117293	52.082	ug/l	99
5) Bromomethane	2.78	94	98527	52.130	ug/l	99
6) Chloroethane	2.93	64	80326	51.047	ug/l	97
7) Trichlorofluoromethane	3.26	101	103631	52.108	ug/l	97
8) Diethyl Ether	3.68	74	53405	49.125	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109732	51.671	ug/l	99
10) Methyl Iodide	4.26	142	189730	49.273	ug/l	99
11) Tert butyl alcohol	5.17	59	32317	277.485	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	101528	49.499	ug/l	98
13) Acrolein	3.89	56	40578	277.021	ug/l	99
14) Allyl chloride	4.67	41	138498	51.729	ug/l	99
15) Acrylonitrile	5.37	53	105484	270.610	ug/l	99
16) Acetone	4.12	43	94328	270.293	ug/l	98
17) Carbon Disulfide	4.38	76	305799	52.391	ug/l	100
18) Methyl Acetate	4.67	43	52998	52.812	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	154587	50.632	ug/l	97
20) Methylene Chloride	4.92	84	113083	50.000	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	118520	51.065	ug/l	99
22) Diisopropyl ether	6.31	45	297161	53.238	ug/l	99
23) Vinyl Acetate	6.26	43	834927	269.738	ug/l	100
24) 1,1-Dichloroethane	6.21	63	196563	51.960	ug/l	99
25) 2-Butanone	7.17	43	136443	273.989	ug/l	100
26) 2,2-Dichloropropane	7.17	77	115445	50.661	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	134567	51.824	ug/l	100
28) Bromochloromethane	7.51	49	78230	52.079	ug/l	97
29) Tetrahydrofuran	7.53	42	86095	274.868	ug/l	99
30) Chloroform	7.68	83	216463	52.191	ug/l	98
31) Cyclohexane	7.96	56	169556	49.246	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	183348	52.243	ug/l	100
36) 1,1-Dichloropropene	8.09	75	165597	52.070	ug/l	99
37) Ethyl Acetate	7.26	43	60133	54.562	ug/l	99
38) Carbon Tetrachloride	8.07	117	176894	53.231	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	207769	51.481	ug/l	100
40) Benzene	8.32	78	480961	53.244	ug/l	100
41) Methacrylonitrile	7.49	41	32620	48.268	ug/l	91
42) 1,2-Dichloroethane	8.40	62	136000	52.498	ug/l	100
43) Isopropyl Acetate	8.43	43	118760	54.001	ug/l	98
44) Trichloroethene	9.10	130	142725	51.202	ug/l	96
45) 1,2-Dichloropropane	9.37	63	112231	53.388	ug/l	96
46) Dibromomethane	9.46	93	63569	51.442	ug/l	99
47) Bromodichloromethane	9.65	83	153258	53.413	ug/l	99
48) Methyl methacrylate	9.44	41	58174	54.903	ug/l	99
49) 1,4-Dioxane	9.45	88	20269	1120.771	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	307834	272.544	ug/l	99
52) Toluene	10.39	92	313829	51.798	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	145237	52.595	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	171404	52.526	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	91578	52.231	ug/l	95
56) Ethyl methacrylate	10.65	69	104109	52.241	ug/l	95
57) 1,3-Dichloropropane	10.93	76	146893	51.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	248861	256.892	ug/l	99
59) 2-Hexanone	10.97	43	210105	273.883	ug/l	99
60) Dibromochloromethane	11.13	129	109235	52.583	ug/l	97
61) 1,2-Dibromoethane	11.24	107	90300	51.862	ug/l	100
64) Tetrachloroethene	10.87	164	136573	52.621	ug/l	97
65) Chlorobenzene	11.66	112	362725	52.942	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	130032	53.997	ug/l	99
67) Ethyl Benzene	11.74	91	617005	53.879	ug/l	97
68) m/p-Xylenes	11.84	106	496726	108.569	ug/l	97
69) o-Xylene	12.17	106	231465	53.141	ug/l	99
70) Styrene	12.18	104	382785	53.903	ug/l	100
71) Bromoform	12.35	173	68247	53.463	ug/l #	97
73) Isopropylbenzene	12.47	105	632212	49.344	ug/l	99
74) N-amyl acetate	12.28	43	113709	51.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	103035	50.916	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79151m	52.158	ug/l	
77) Bromobenzene	12.75	156	167438	50.474	ug/l	98
78) n-propylbenzene	12.81	91	770877	52.309	ug/l	98
79) 2-Chlorotoluene	12.90	91	432145	51.095	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	563039	52.307	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	27635	47.312	ug/l	99
82) 4-Chlorotoluene	12.99	91	443373	49.551	ug/l	99
83) tert-Butylbenzene	13.21	119	497475	51.825	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	555319	50.297	ug/l	99
85) sec-Butylbenzene	13.39	105	692093	51.479	ug/l	100
86) p-Isopropyltoluene	13.51	119	645215	52.744	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	334536	51.207	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	324024	50.036	ug/l	99
89) n-Butylbenzene	13.83	91	553363	50.958	ug/l	99
90) Hexachloroethane	14.10	117	106852	53.146	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	301058	51.231	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16225	49.413	ug/l	97

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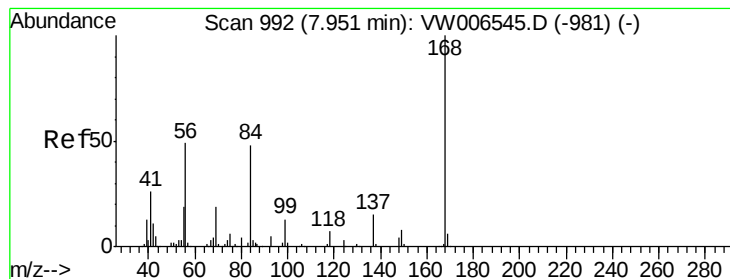
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	208713	47.764	ug/l	98
94) Hexachlorobutadiene	15.24	225	132669	48.715	ug/l	99
95) Naphthalene	15.38	128	351009	49.980	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	183984	47.908	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: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 251464

Ion Ratio Lower Upper

168 100

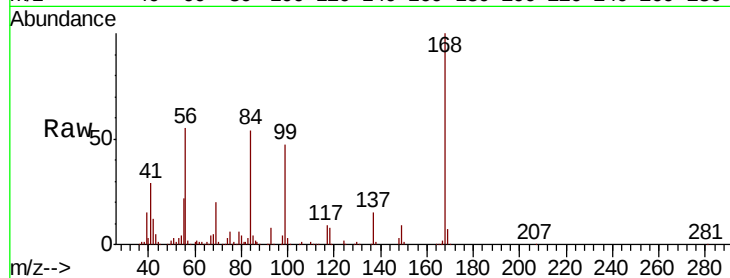
99 47.2 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

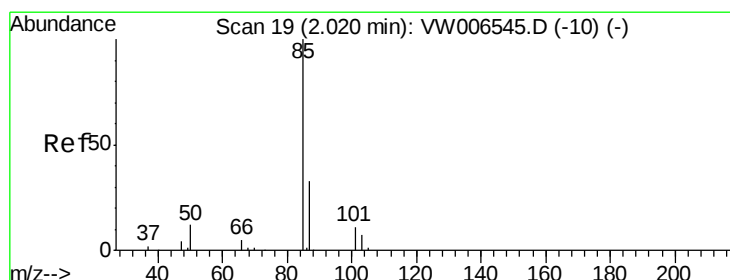
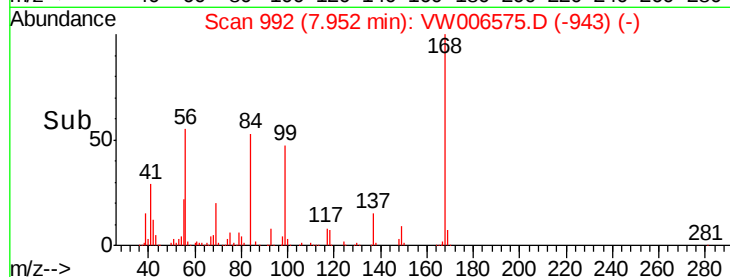
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.955 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006575.D

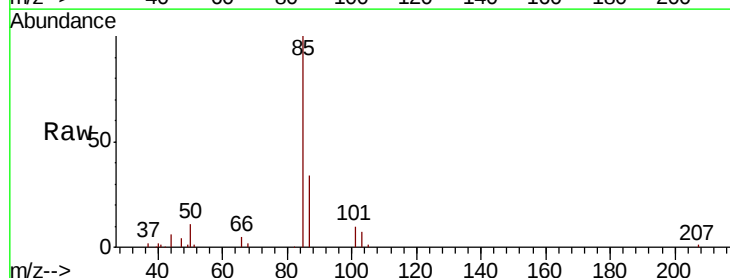
Acq: 01 Nov 2018 23:26

Tgt Ion: 85 Resp: 66424

Ion Ratio Lower Upper

85 100

87 33.9 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

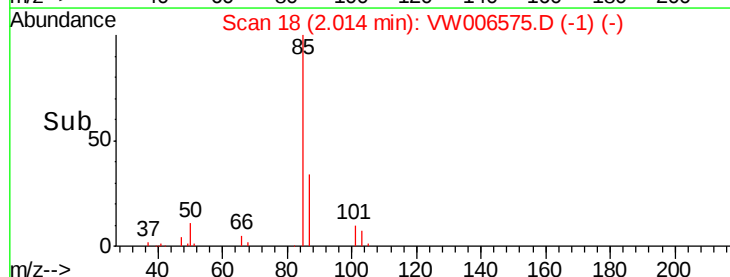
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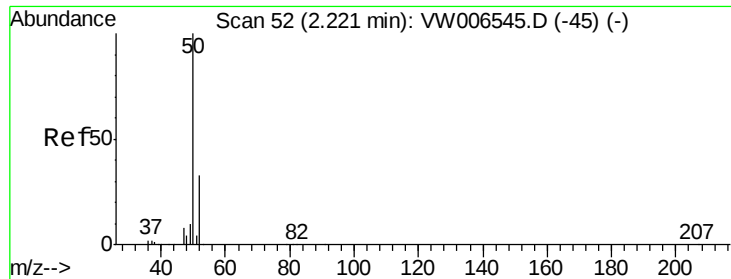
10000

5000

0

Time-->





#3

Chloromethane

Concen: 49.832 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 80374

Ion Ratio Lower Upper

50 100

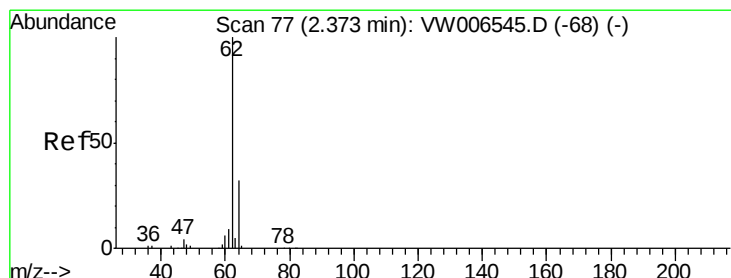
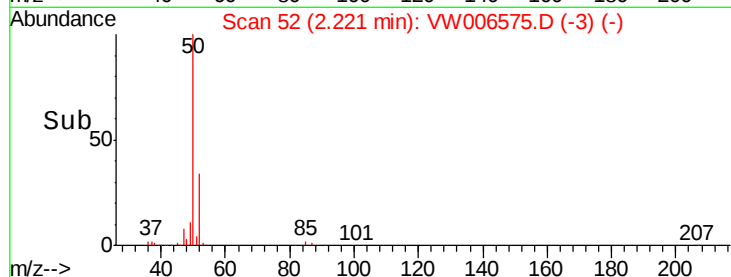
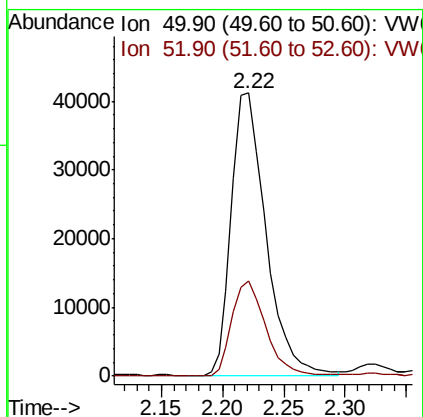
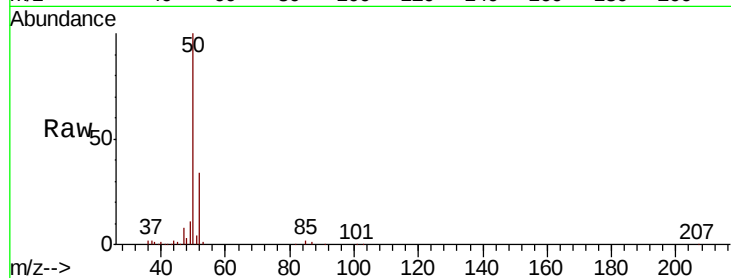
52 33.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 52.082 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006575.D

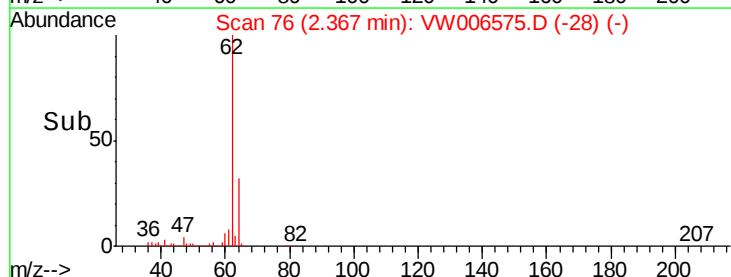
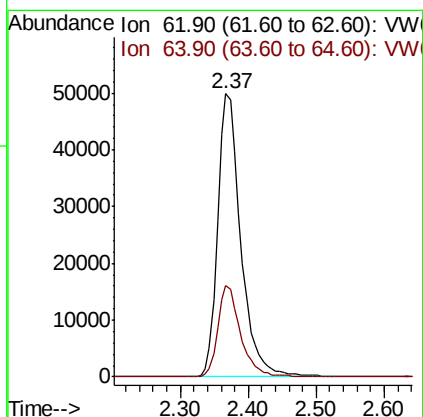
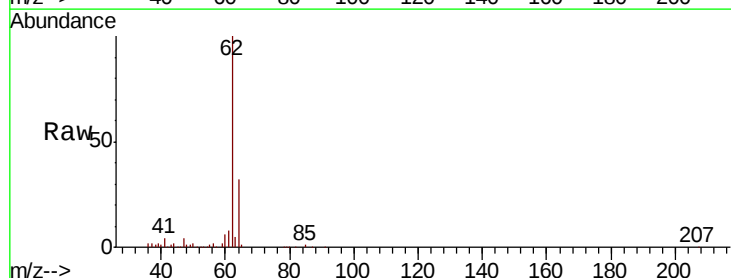
Acq: 01 Nov 2018 23:26

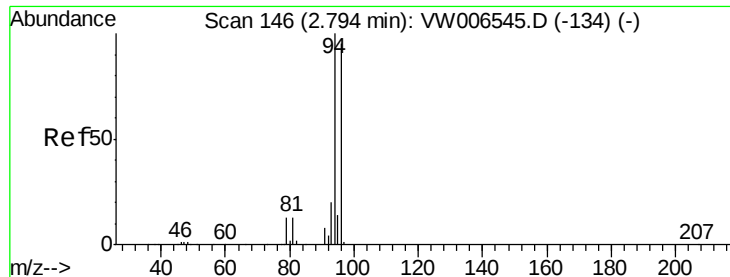
Tgt Ion: 62 Resp: 117293

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 52.130 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 98527

Ion Ratio Lower Upper

94 100

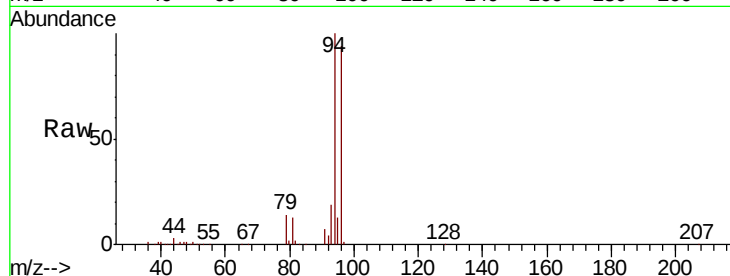
96 94.1 75.7 113.5

Manual Integrations

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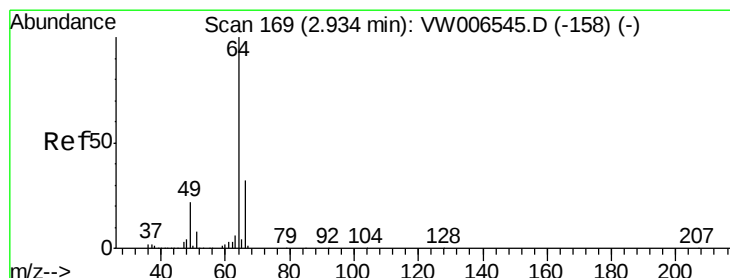
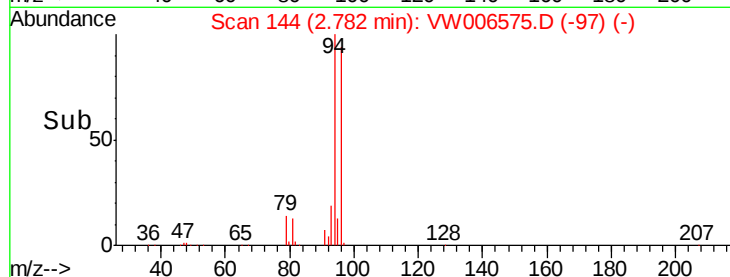
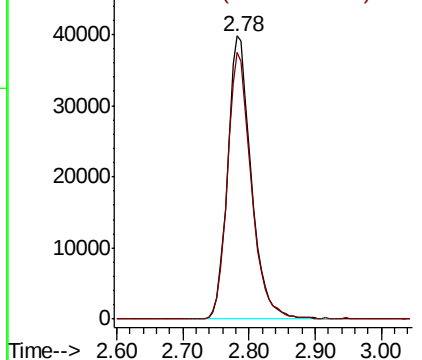
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 51.047 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006575.D

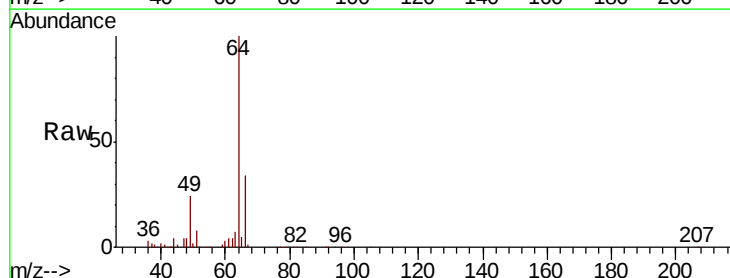
Acq: 01 Nov 2018 23:26

Tgt Ion: 64 Resp: 80326

Ion Ratio Lower Upper

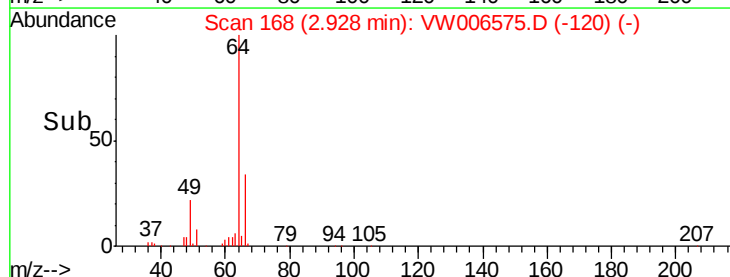
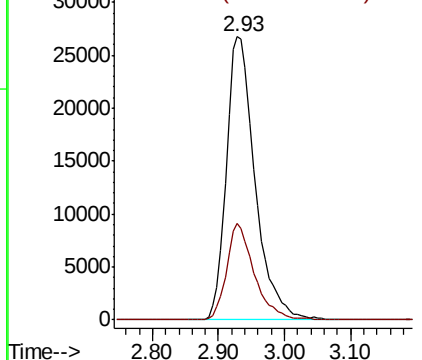
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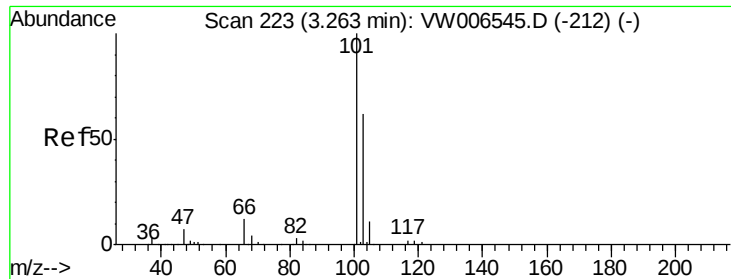
66 34.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

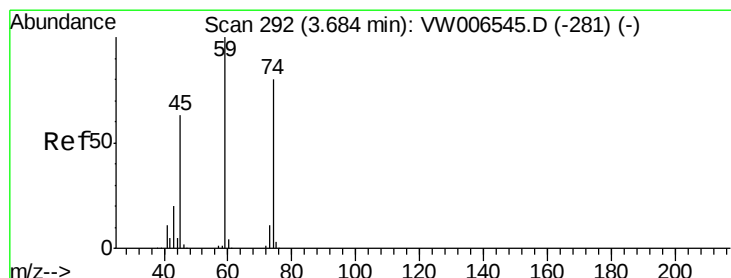
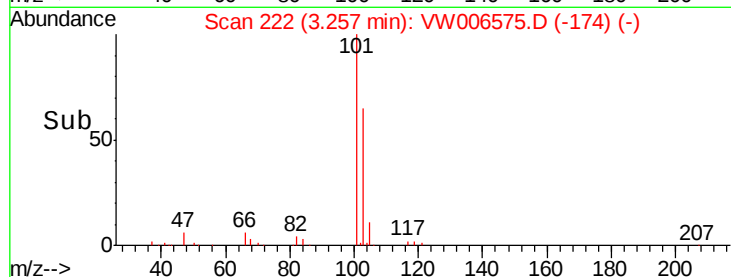
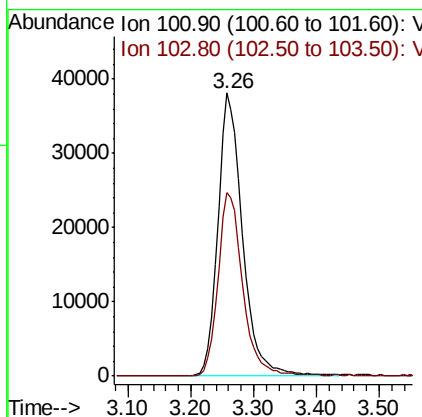
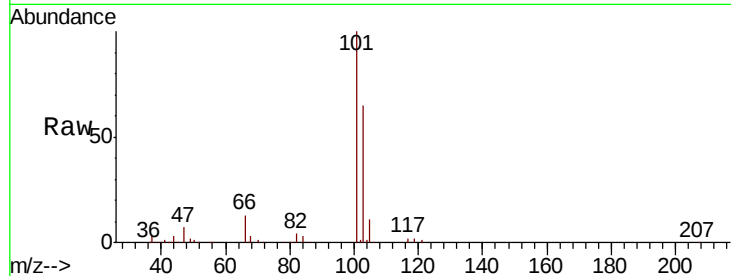
Trichlorofluoromethane
 Concen: 52.108 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	49.8	74.8

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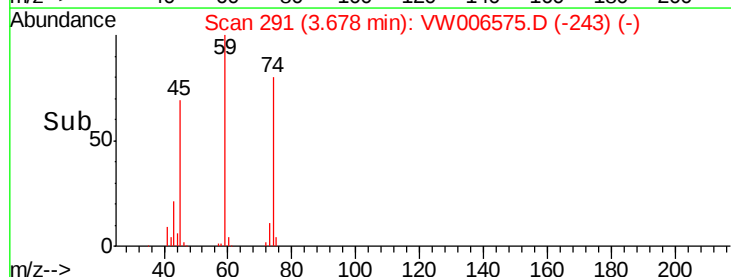
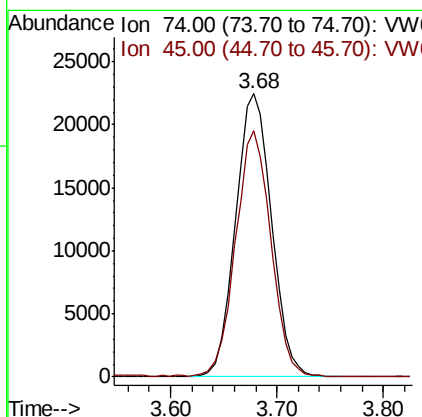
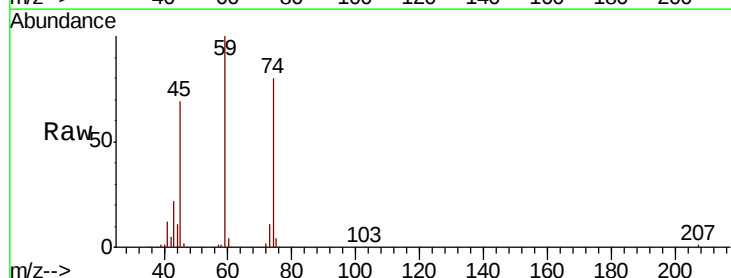
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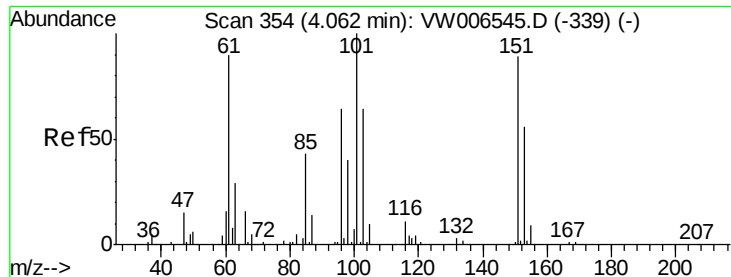


#8

Diethyl Ether
 Concen: 49.125 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.8	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.671 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

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MSVOA_W

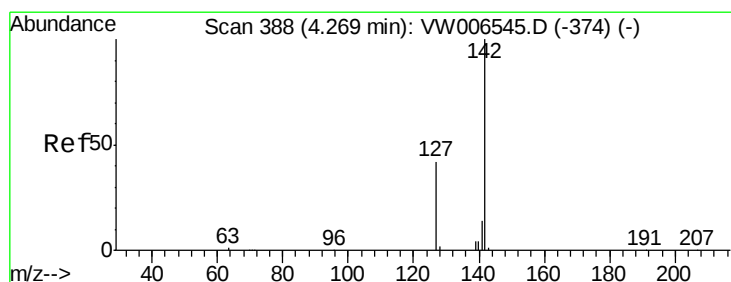
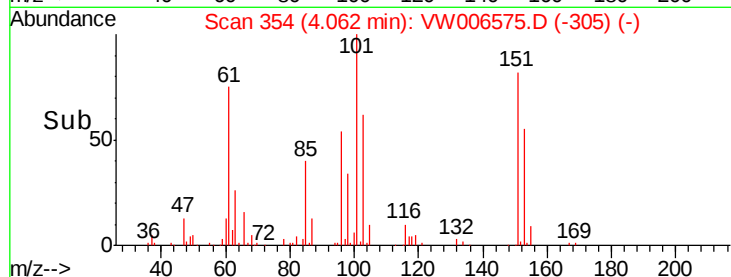
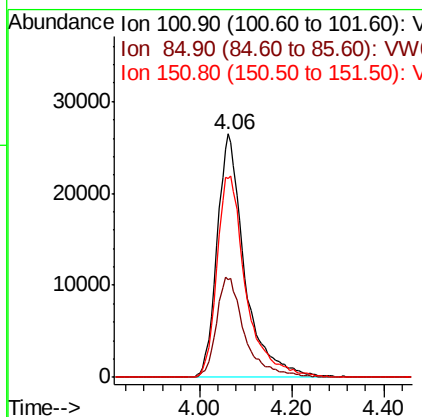
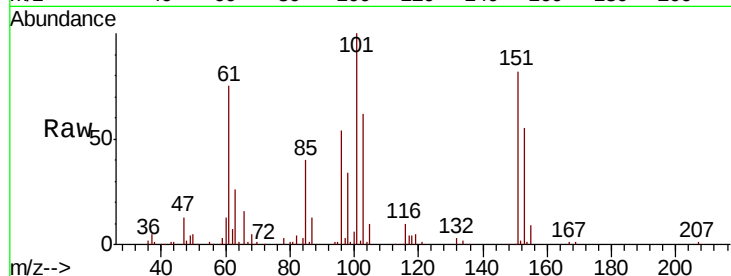
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	109732
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.2	51.2
151	87.0	70.7	106.1

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#10

Methyl Iodide

Concen: 49.273 ug/l

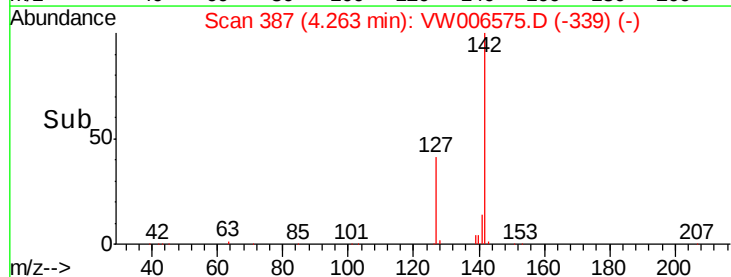
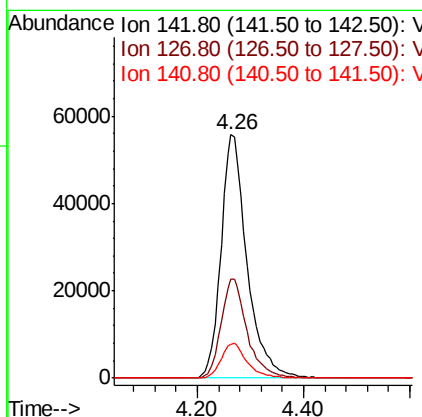
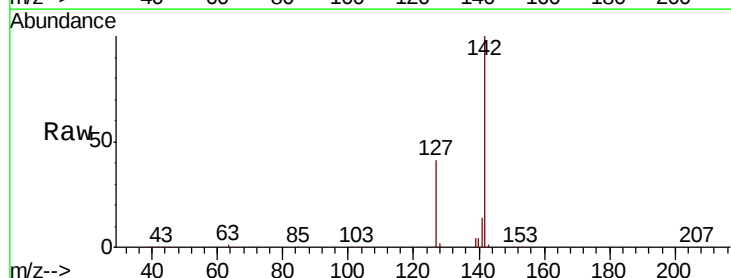
RT: 4.26 min Scan# 387

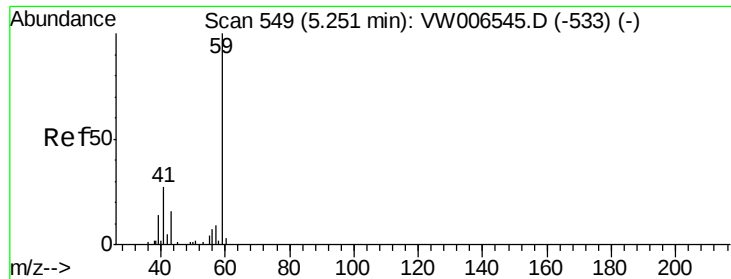
Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Tgt Ion:	142	Resp:	189730
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.3	48.5
141	14.3	11.3	16.9





#11

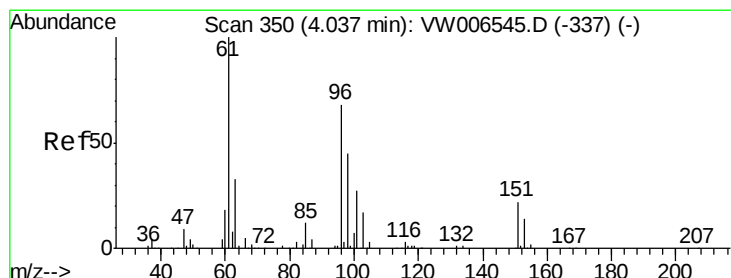
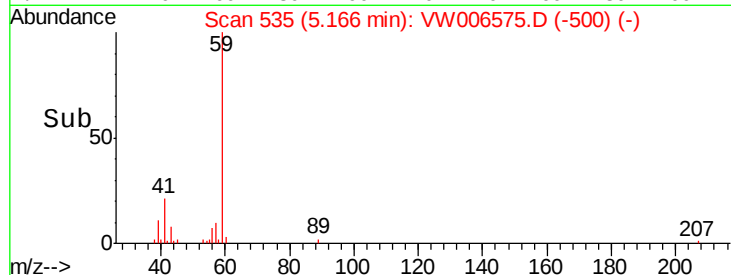
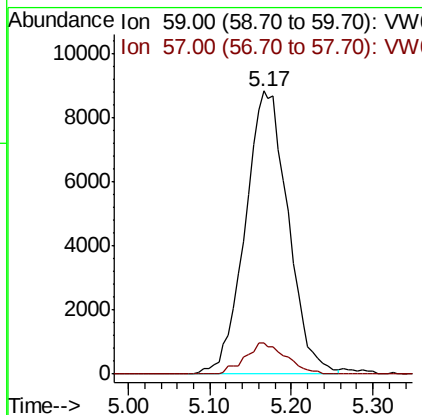
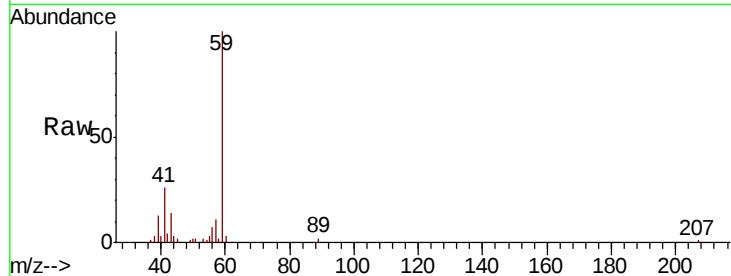
Tert butyl alcohol
Concen: 277.485 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	4.3	6.5#

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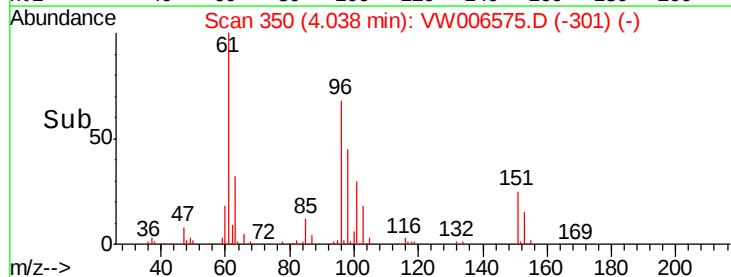
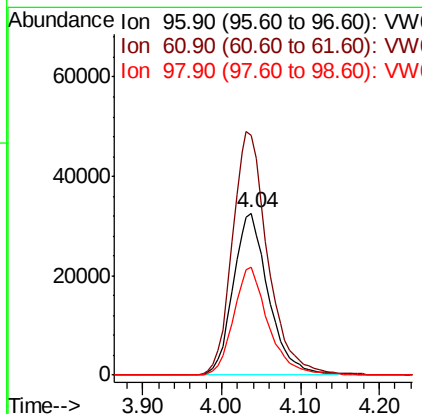
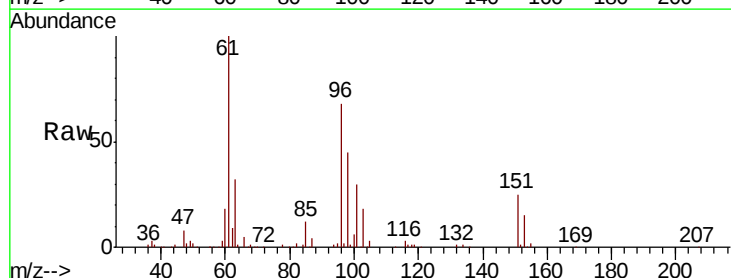
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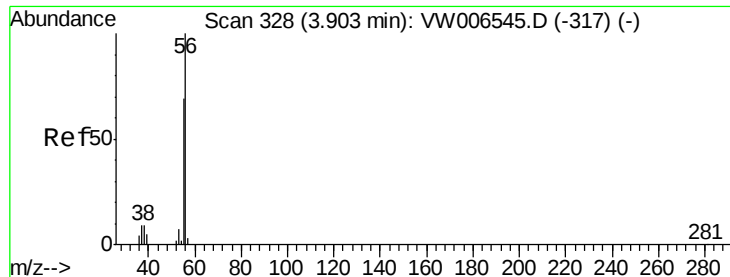


#12

1,1-Dichloroethene
Concen: 49.499 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.0	117.0	175.4
98	66.8	52.5	78.7





#13

Acrolein

Concen: 277.021 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 40578

Ion Ratio Lower Upper

56 100

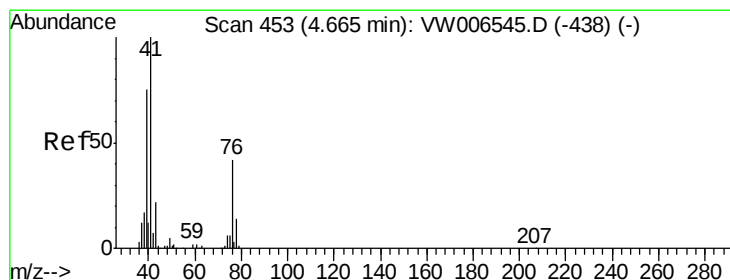
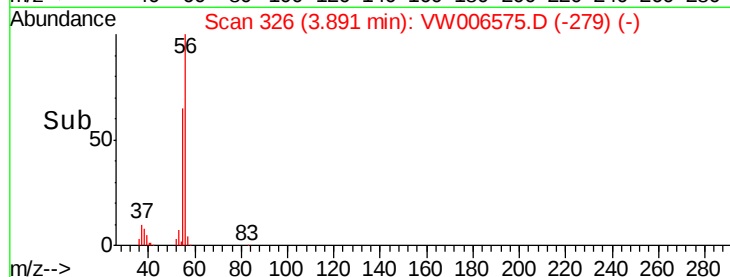
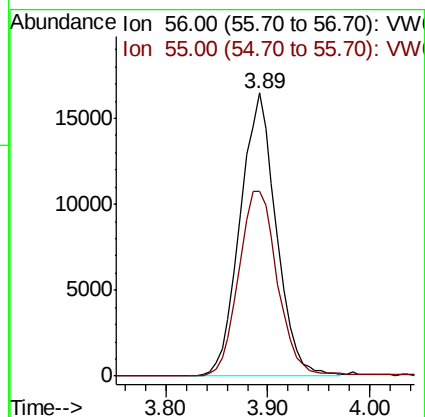
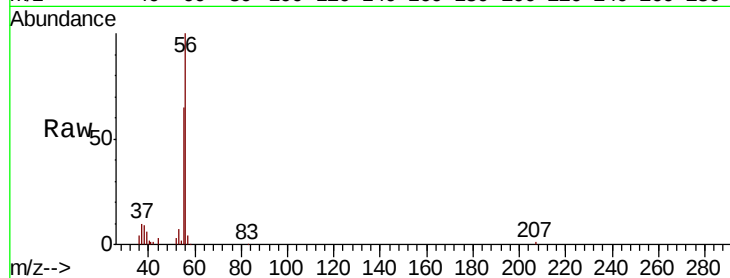
55 70.5 56.9 85.3

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#14

Allyl chloride

Concen: 51.729 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

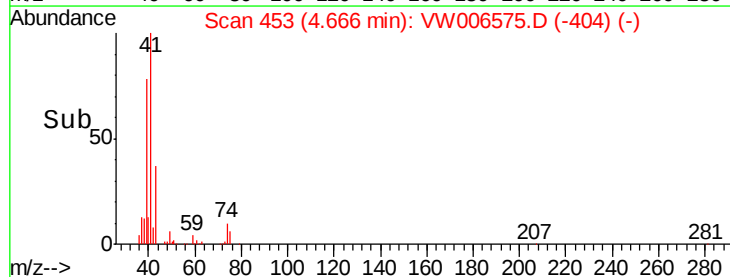
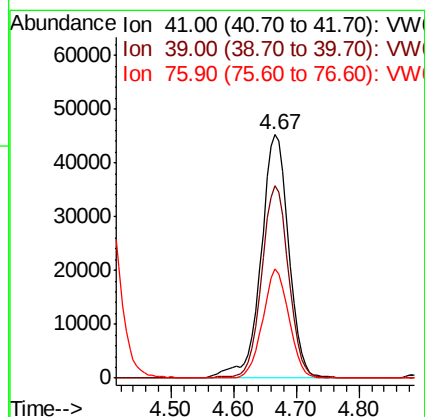
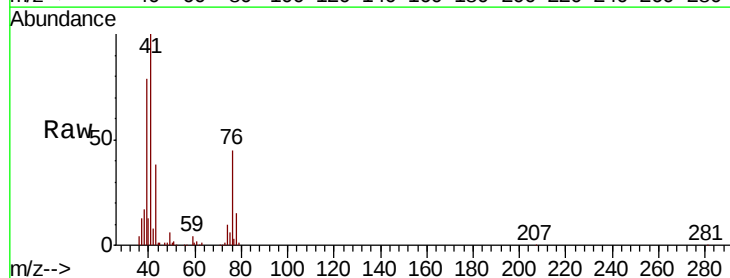
Tgt Ion: 41 Resp: 138498

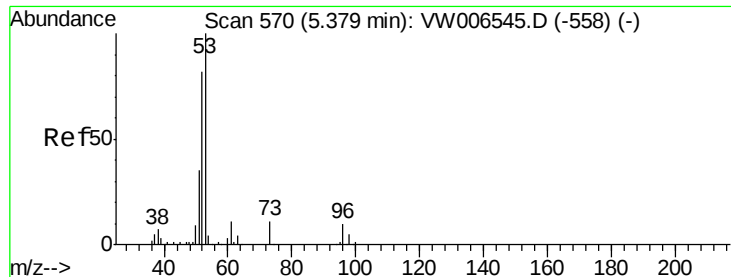
Ion Ratio Lower Upper

41 100

39 76.6 62.1 93.1

76 42.3 34.2 51.2





#15

Acrylonitrile

Concen: 270.610 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

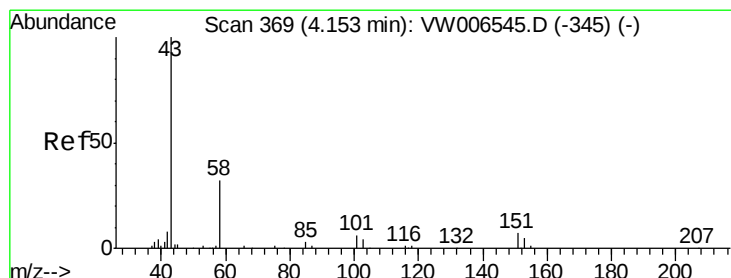
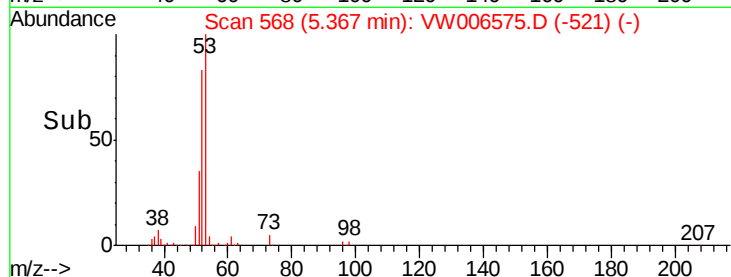
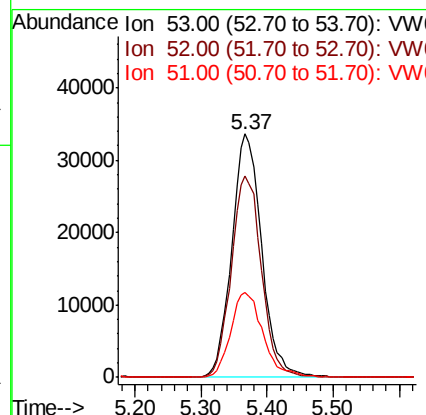
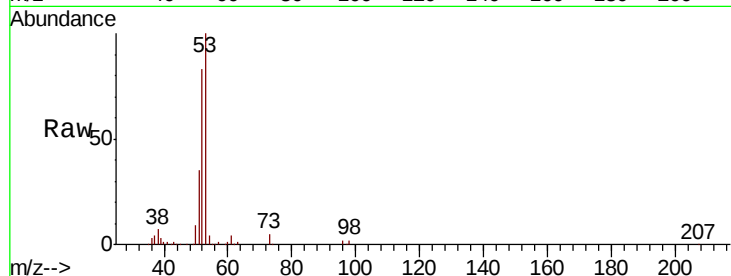
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	105484
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.8	98.8
51	37.8	29.6	44.4

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#16

Acetone

Concen: 270.293 ug/l

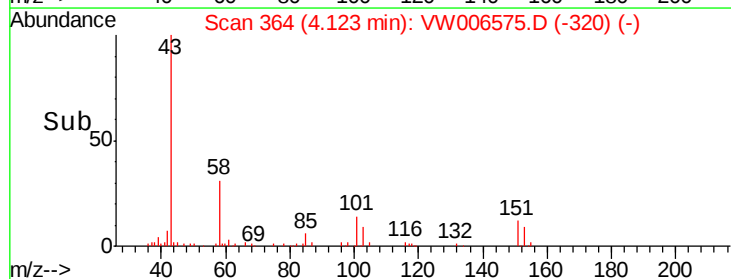
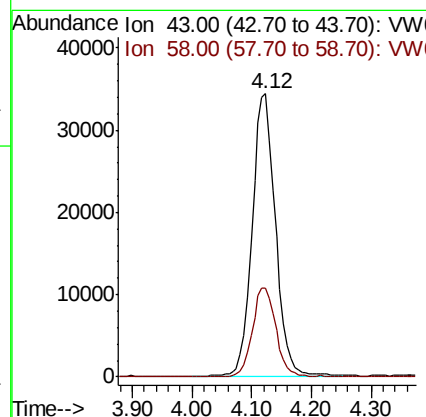
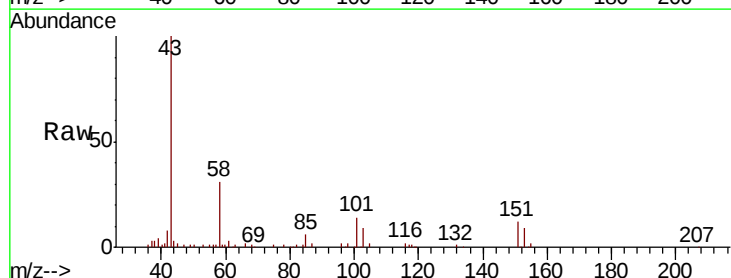
RT: 4.12 min Scan# 364

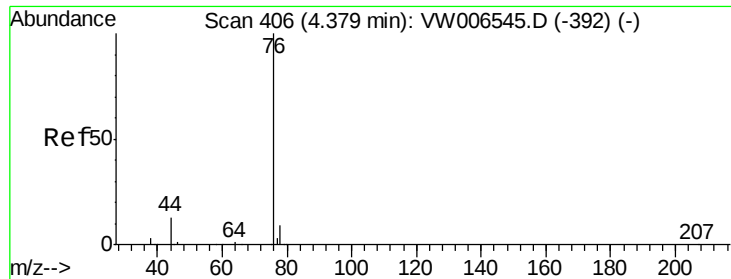
Delta R.T. -0.03 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Tgt Ion:	43	Resp:	94328
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.8	38.8





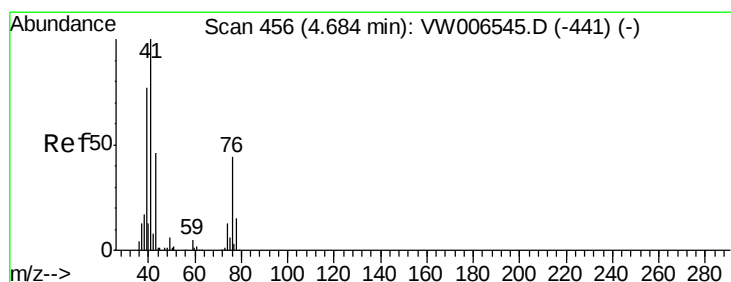
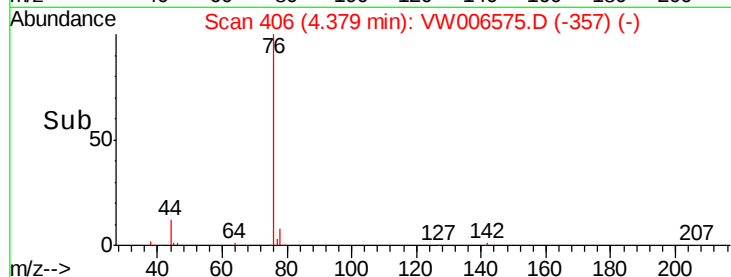
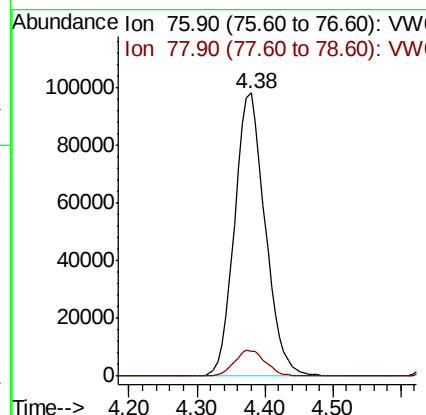
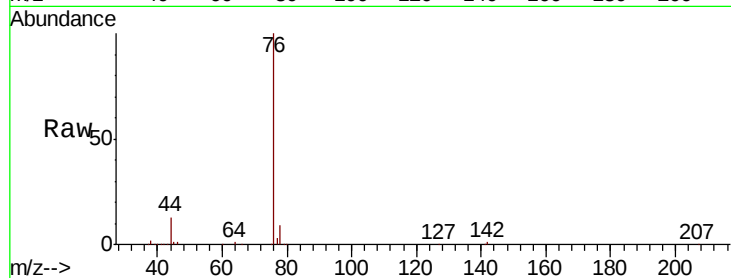
#17
Carbon Disulfide
Concen: 52.391 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

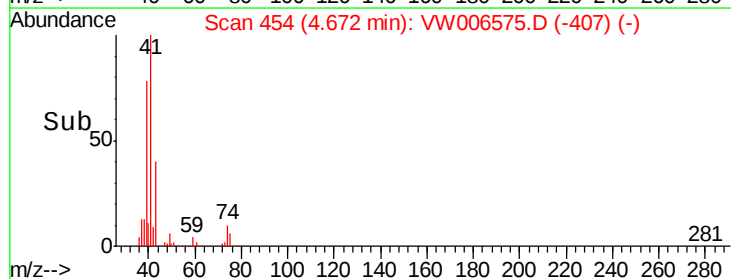
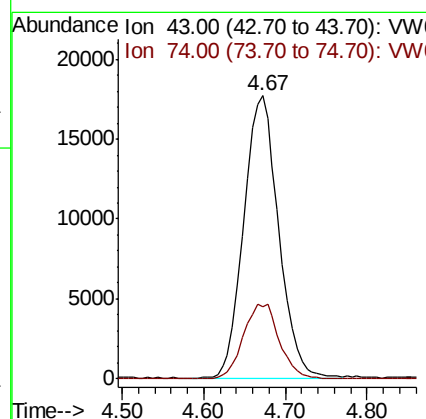
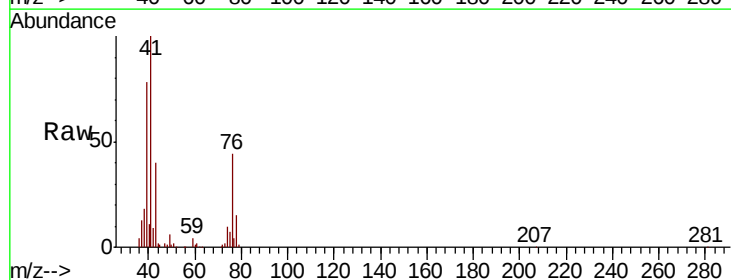
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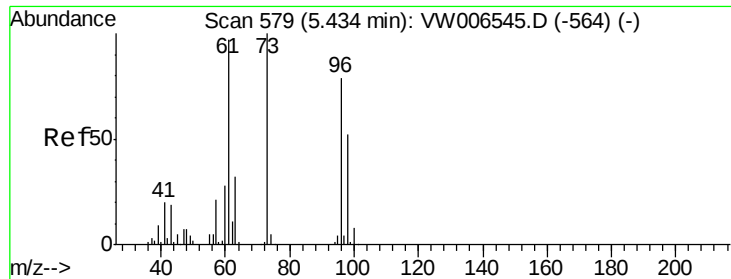
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#18
Methyl Acetate
Concen: 52.812 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	21.9	32.9





#19

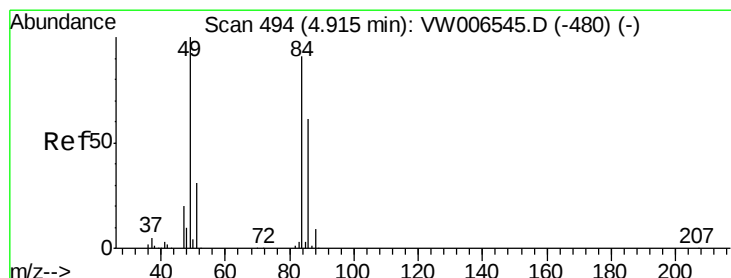
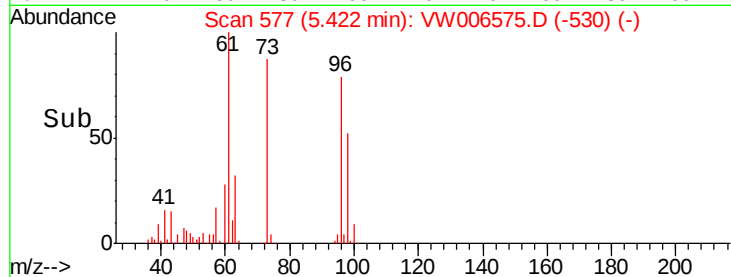
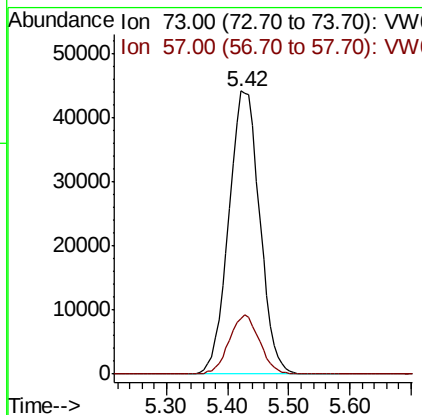
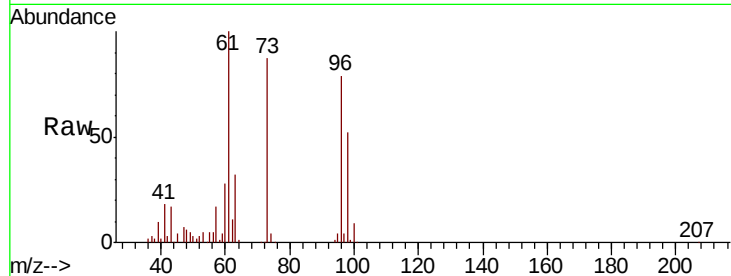
Methyl tert-butyl Ether
 Concen: 50.632 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.6	16.7	25.1

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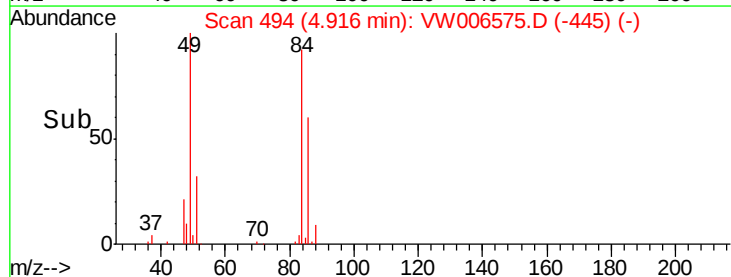
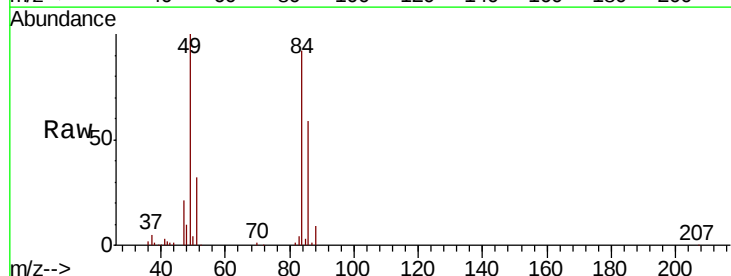
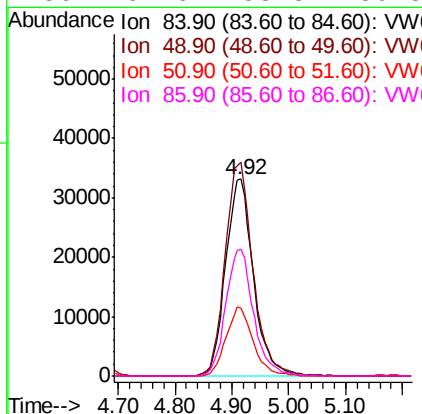
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#20

Methylene Chloride
 Concen: 50.000 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.5	88.2	132.4
51	34.7	27.0	40.6
86	64.6	53.8	80.8





#21

trans-1,2-Dichloroethene

Concen: 51.065 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

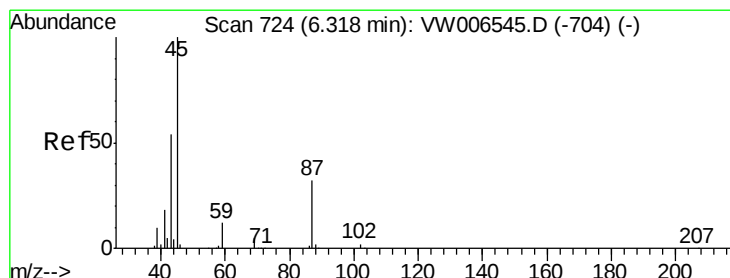
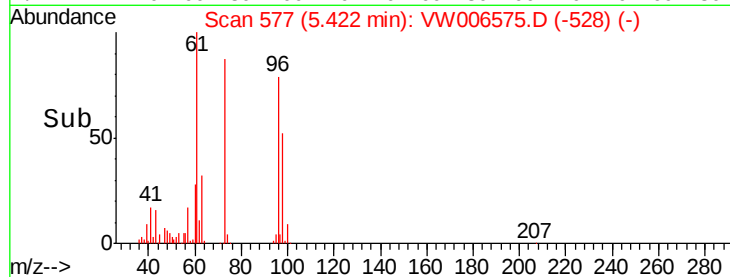
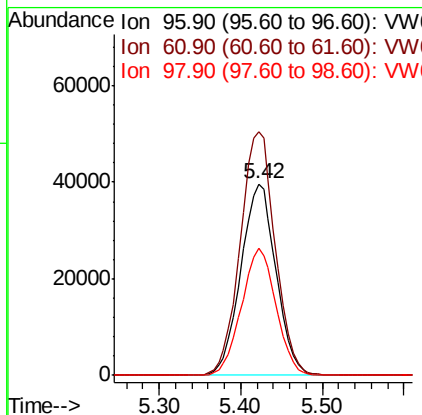
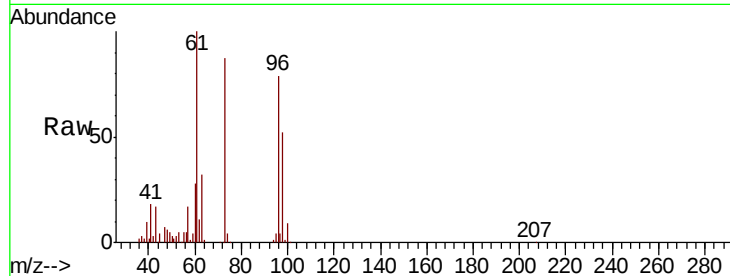
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	118520
Ion	Ratio	Lower	Upper
96	100		
61	127.0	100.6	150.8
98	66.6	52.9	79.3

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#22

Diisopropyl ether

Concen: 53.238 ug/l

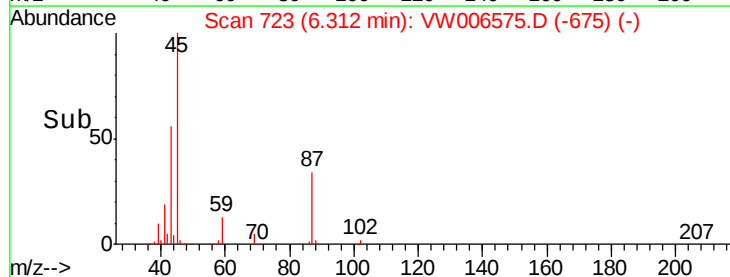
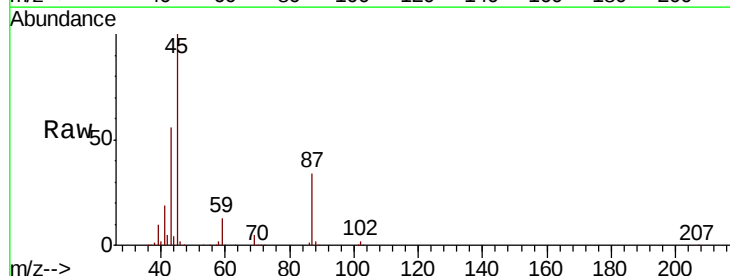
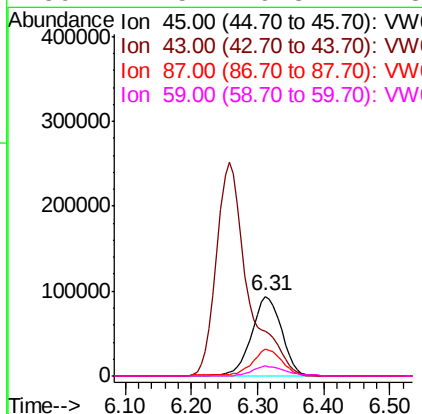
RT: 6.31 min Scan# 723

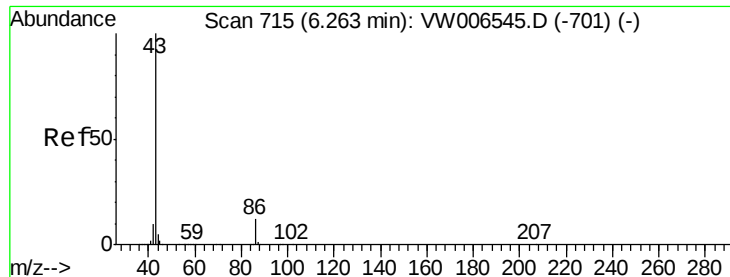
Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Tgt Ion:	45	Resp:	297161
Ion	Ratio	Lower	Upper
45	100		
43	55.3	43.6	65.4
87	33.6	26.3	39.5
59	12.5	9.8	14.8





#23

Vinyl Acetate

Concen: 269.738 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 834927

Ion Ratio Lower Upper

43 100

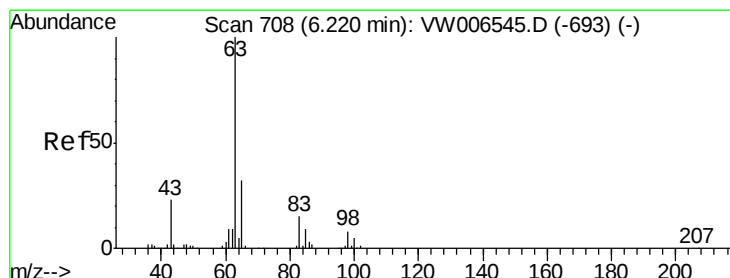
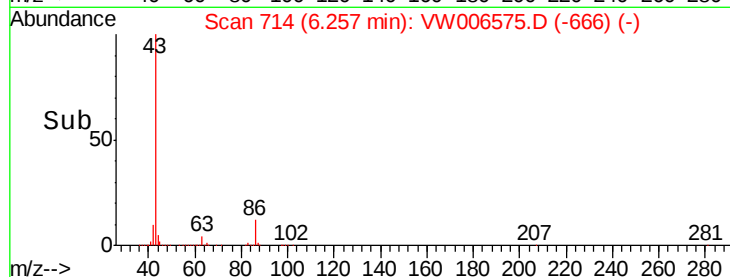
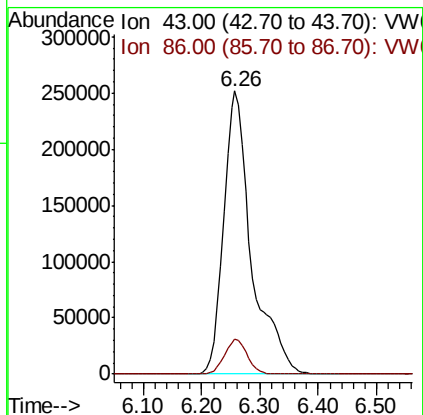
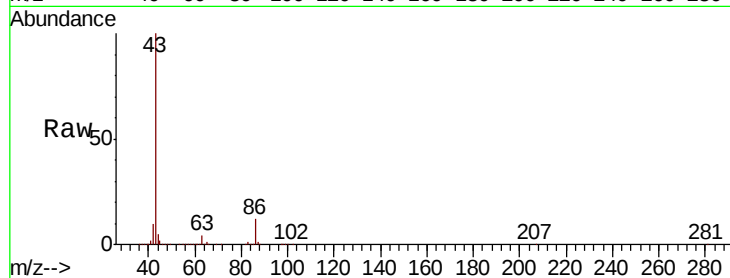
86 12.2 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 51.960 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

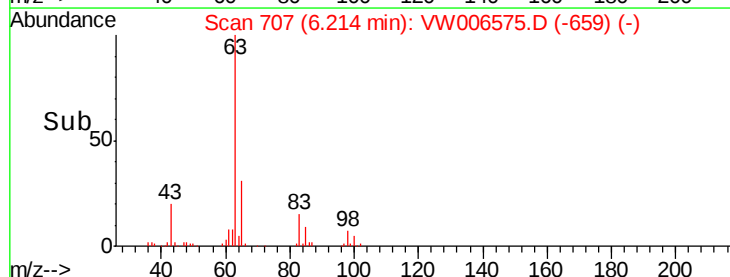
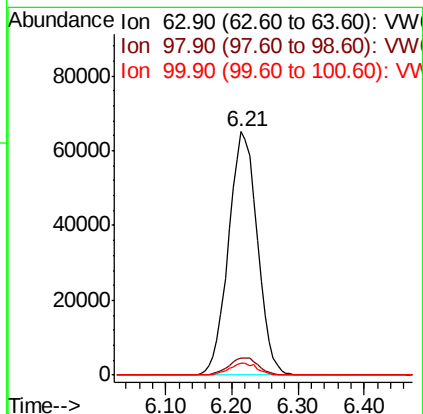
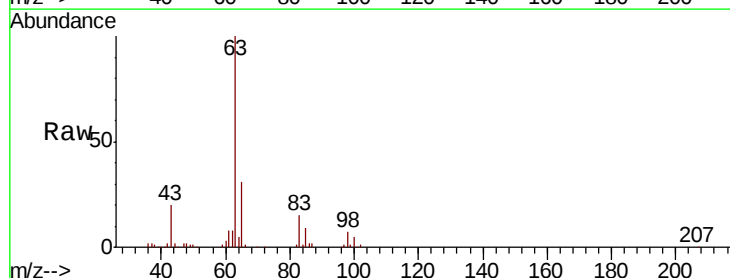
Tgt Ion: 63 Resp: 196563

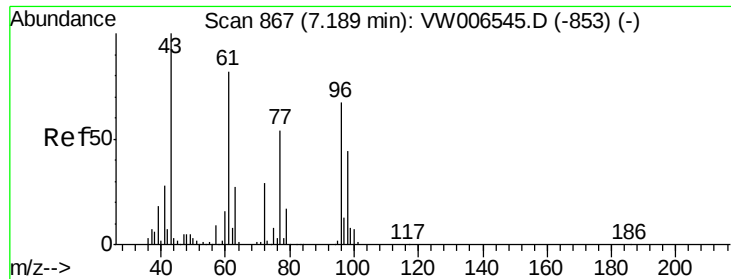
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 273.989 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 136443

Ion Ratio Lower Upper

43 100

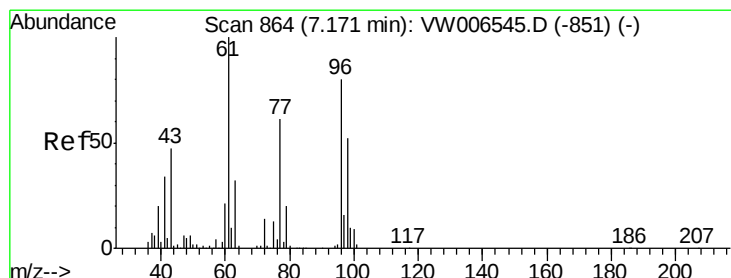
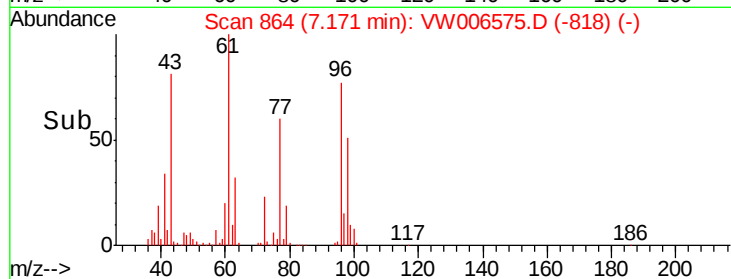
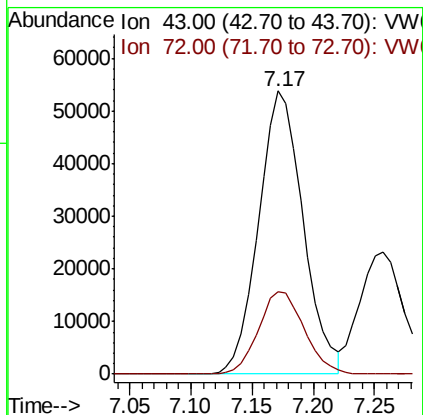
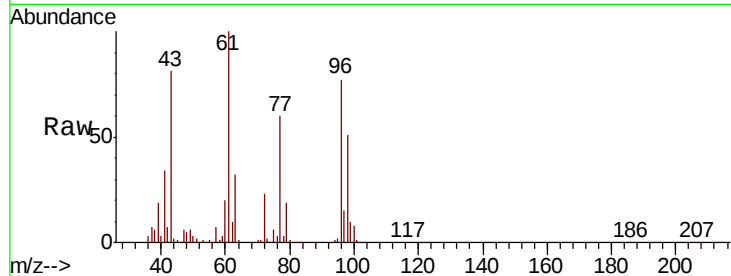
72 28.9 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 50.661 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006575.D

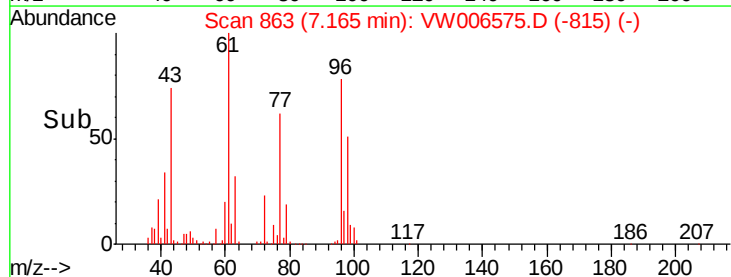
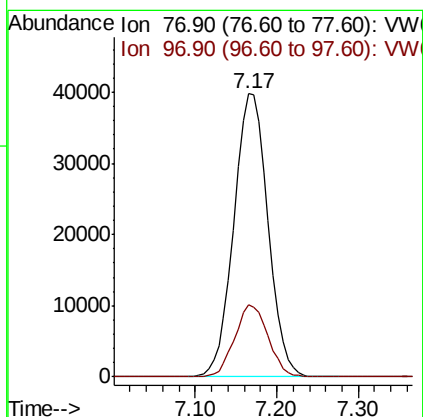
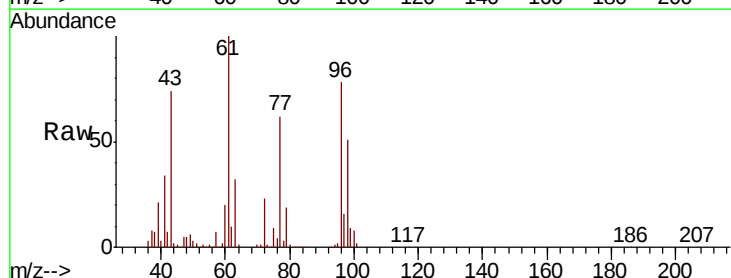
Acq: 01 Nov 2018 23:26

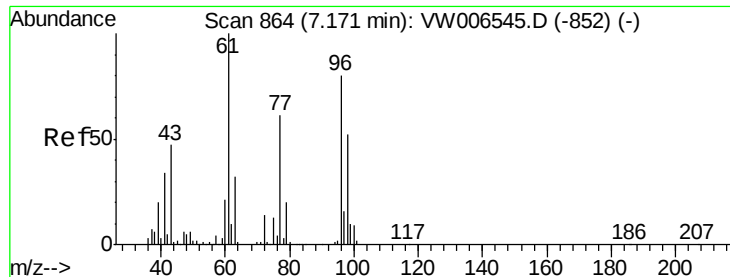
Tgt Ion: 77 Resp: 115445

Ion Ratio Lower Upper

77 100

97 24.9 12.8 38.4





#27

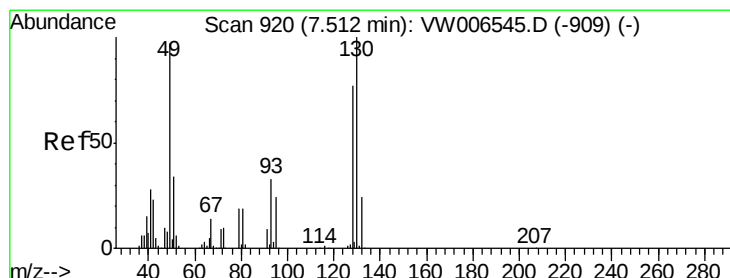
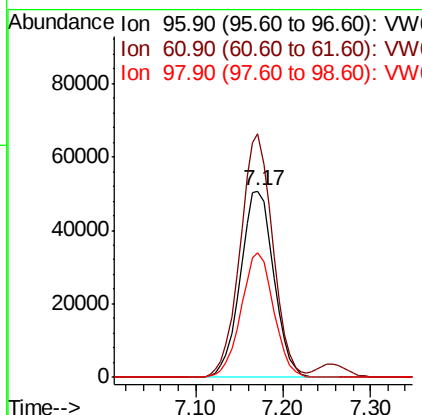
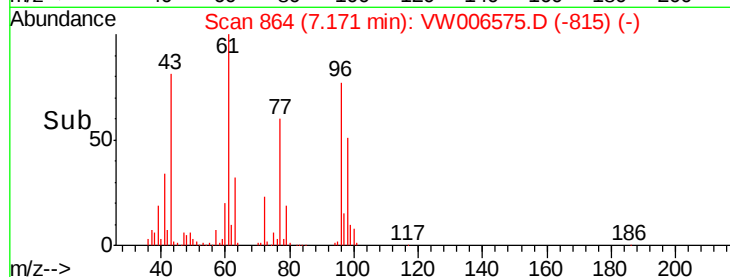
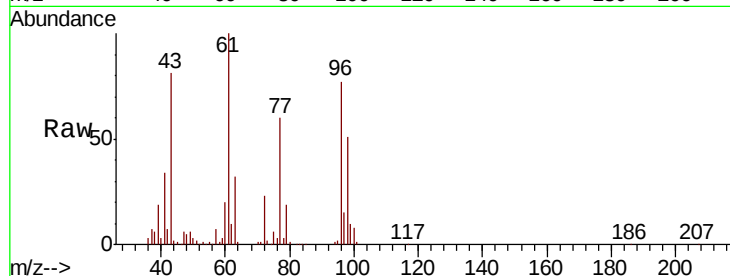
cis-1,2-Dichloroethene
Concen: 51.824 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	254.2
98	65.0	0.0	129.6

Manual Integrations
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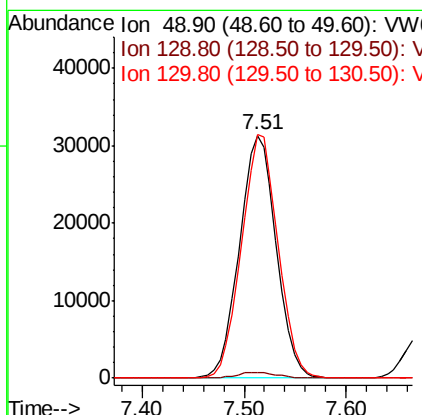
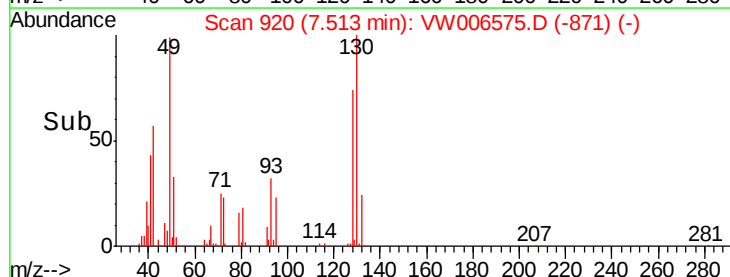
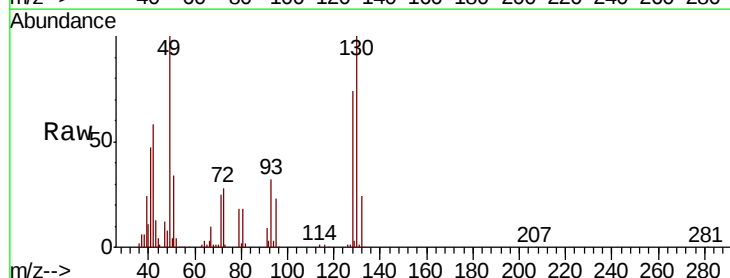
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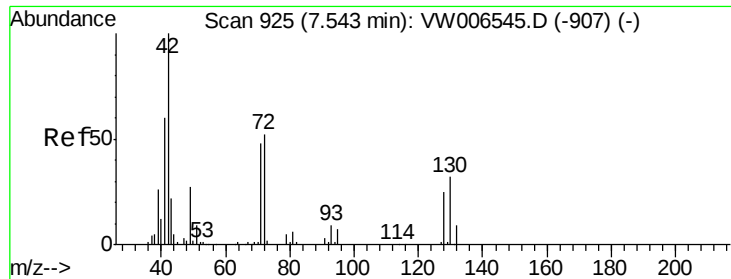


#28

Bromochloromethane
Concen: 52.079 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	99.8	82.2	123.2





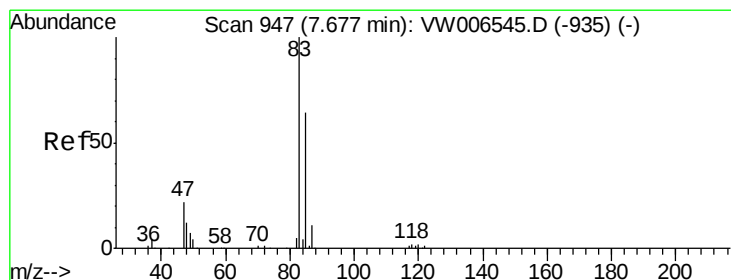
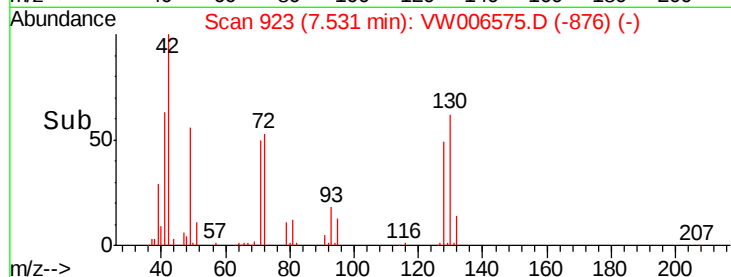
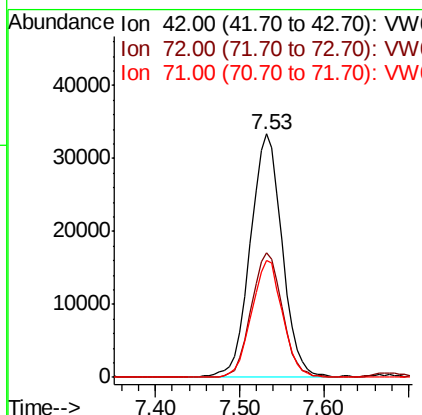
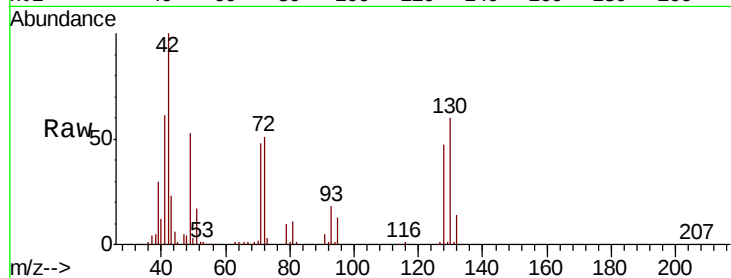
#29
Tetrahydrofuran
Concen: 274.868 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	39.2	58.8
71	46.7	37.6	56.4

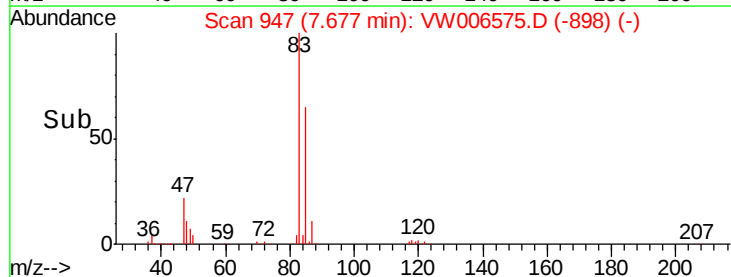
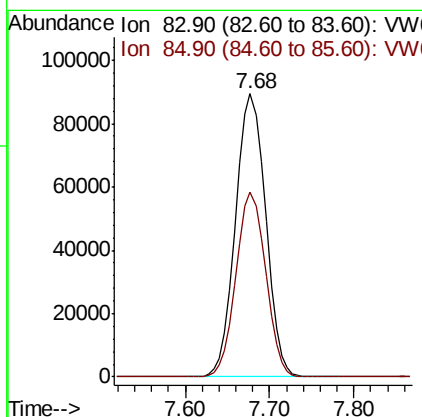
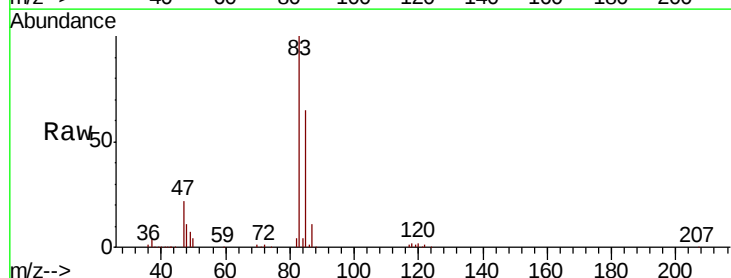
Manual Integrations
APPROVED

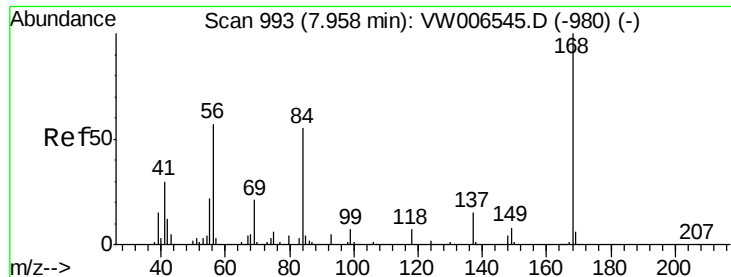
apatel
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#30
Chloroform
Concen: 52.191 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.3	76.9





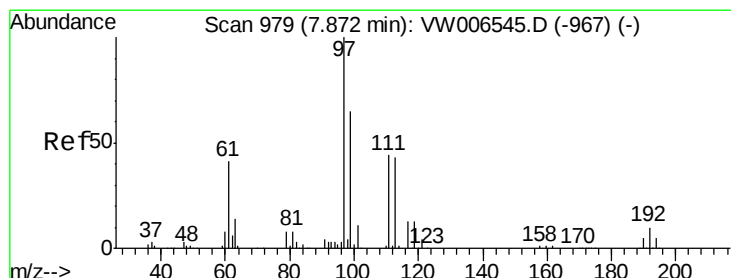
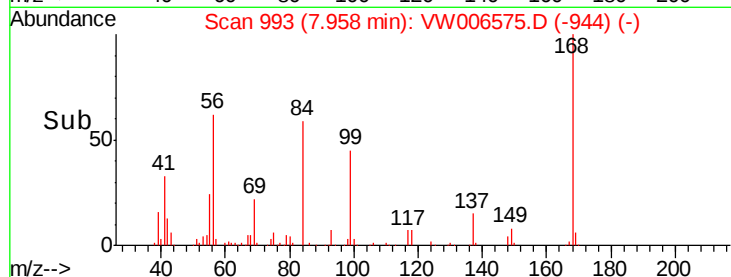
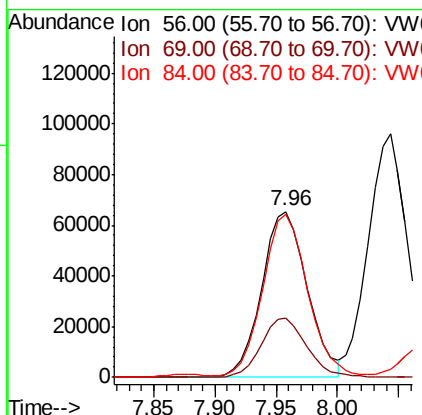
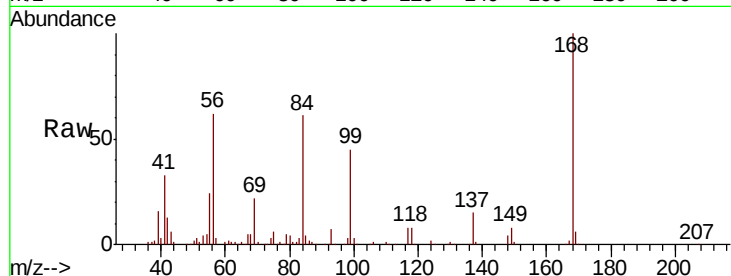
#31
Cyclohexane
Concen: 49.246 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	29.0	43.4
84	96.8	77.8	116.6

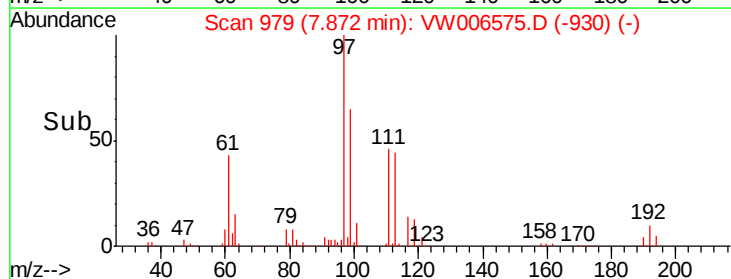
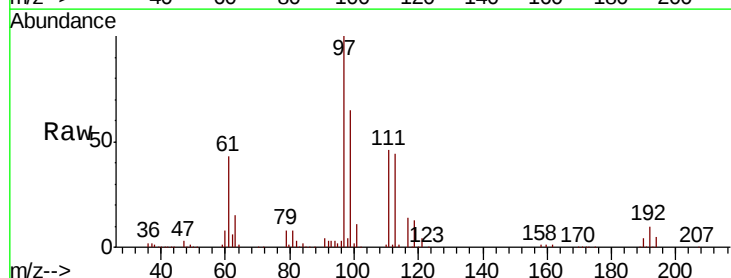
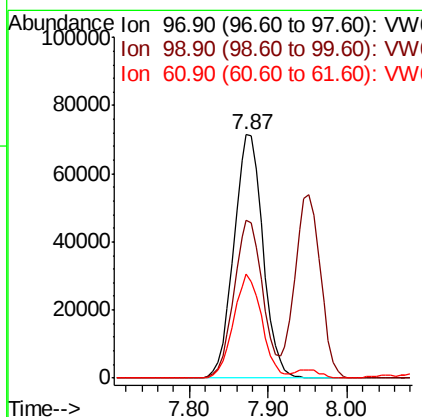
Manual Integrations
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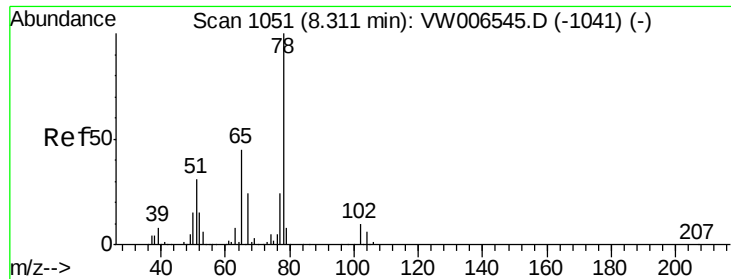
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#32
1,1,1-Trichloroethane
Concen: 52.243 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	41.7	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 49.489 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 106974

Ion Ratio Lower Upper

65 100

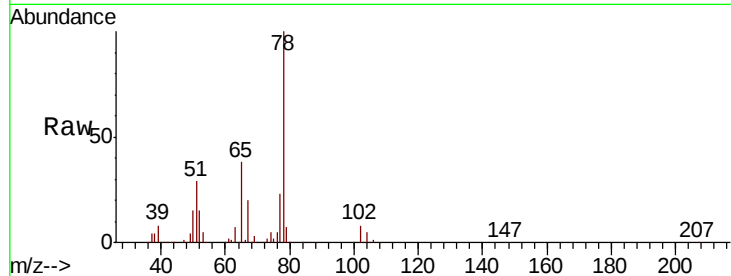
67 51.7 0.0 104.4

Manual Integrations

APPROVED

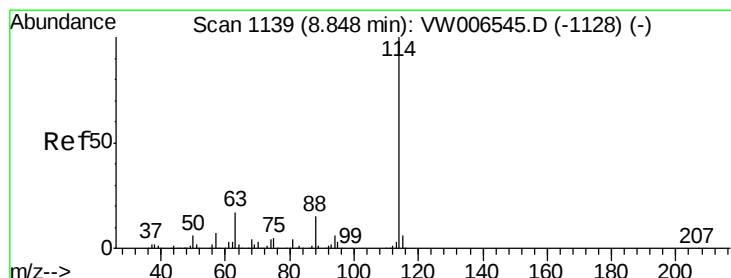
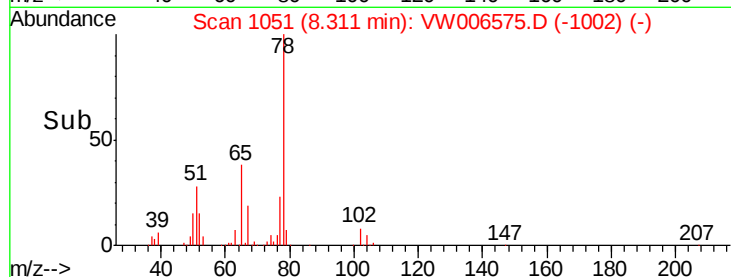
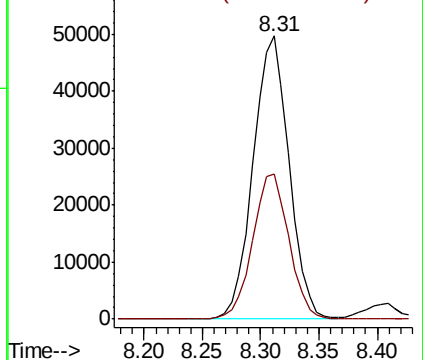
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

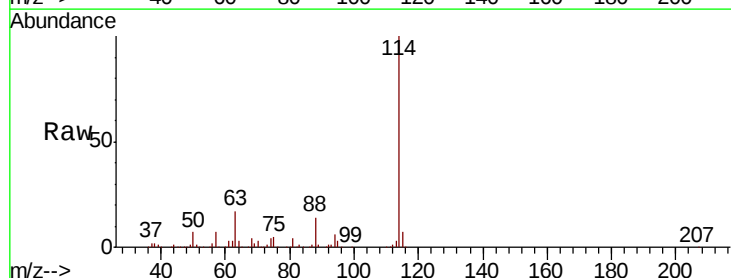
Tgt Ion: 114 Resp: 361639

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

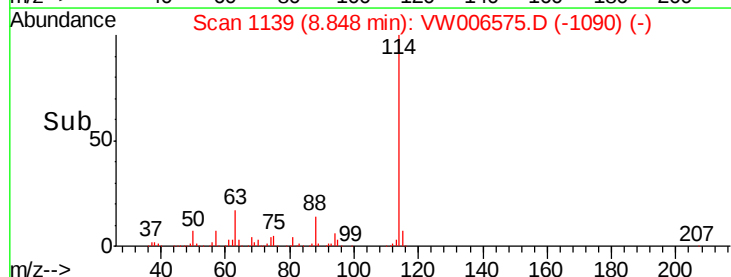
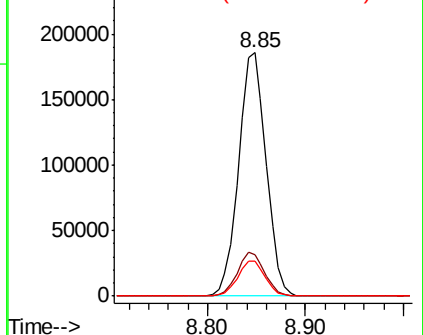
88 14.1 0.0 29.0

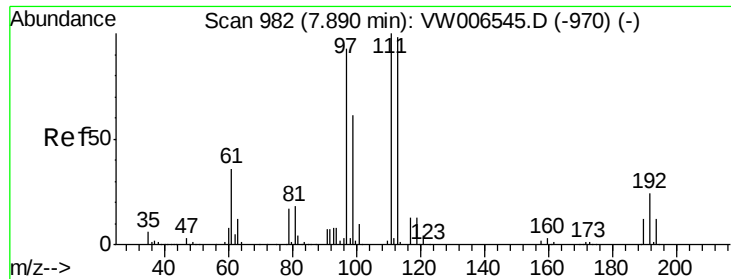


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





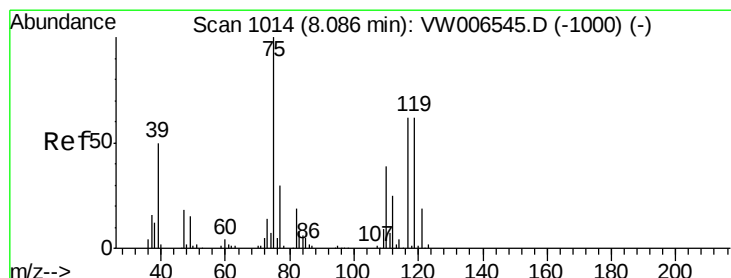
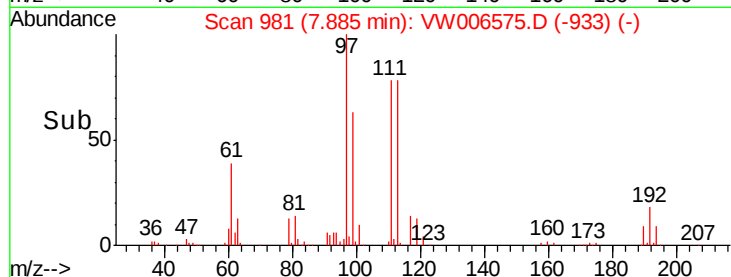
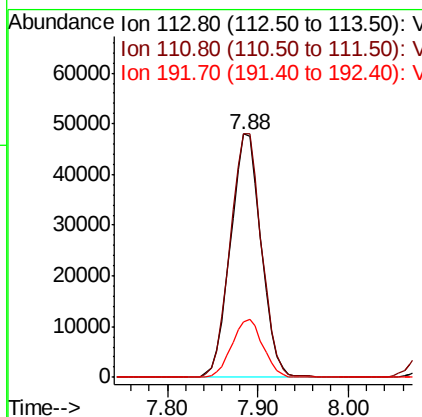
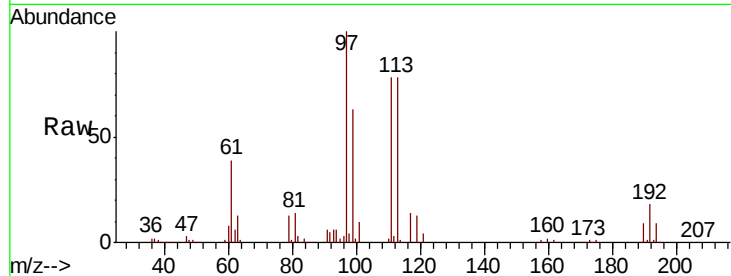
#35
 Dibromofluoromethane
 Concen: 49.518 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112385		
111	102.1	82.2	123.2	
192	24.1	19.0	28.6	

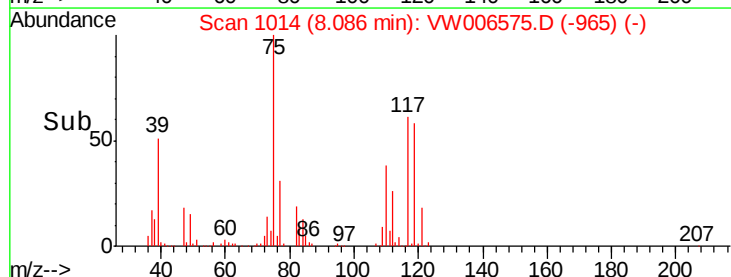
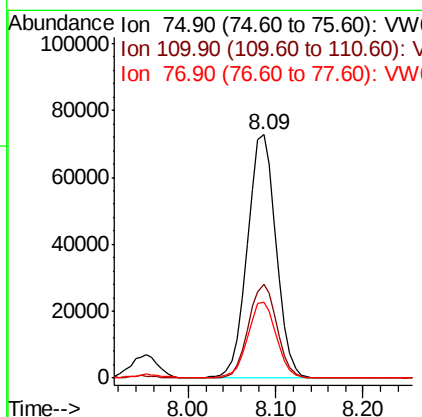
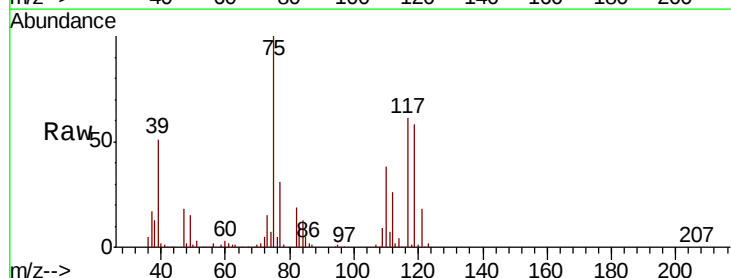
Manual Integrations
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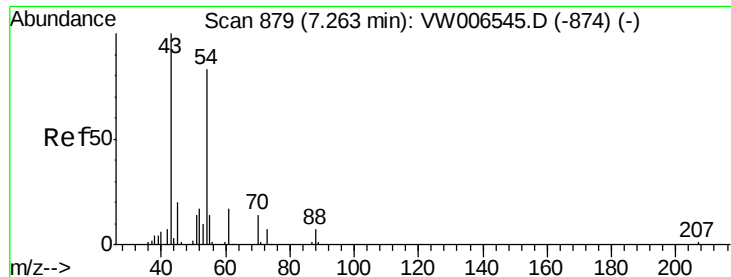
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#36
 1,1-Dichloropropene
 Concen: 52.070 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	165597		
110	38.2	19.5	58.5	
77	31.4	24.6	37.0	





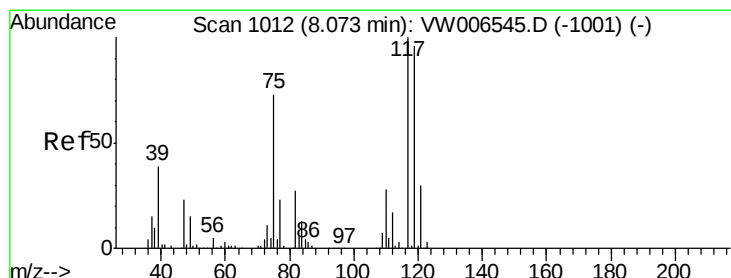
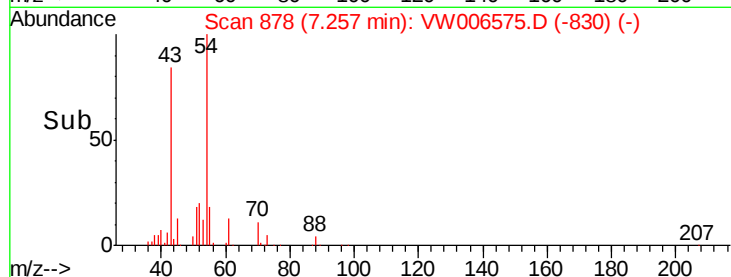
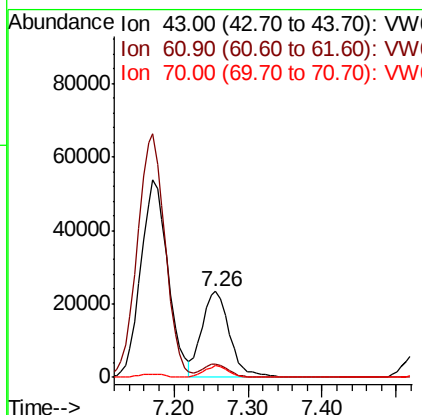
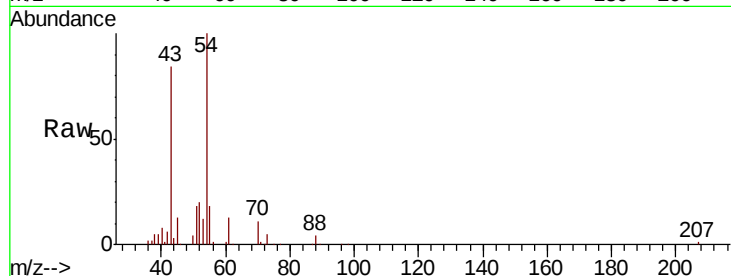
#37
Ethyl Acetate
Concen: 54.562 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.1	18.1
70	11.9	9.8	14.6

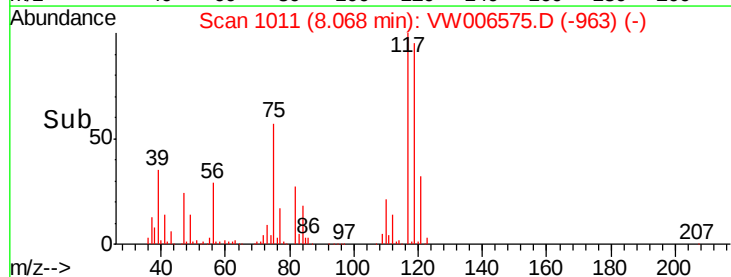
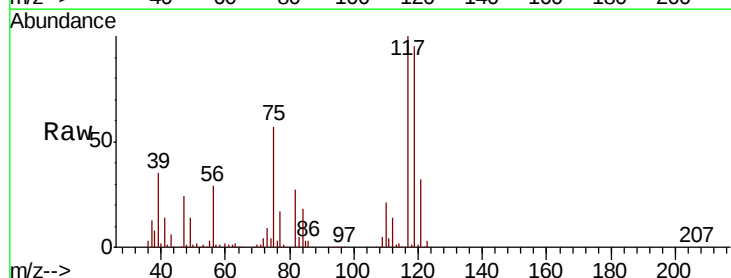
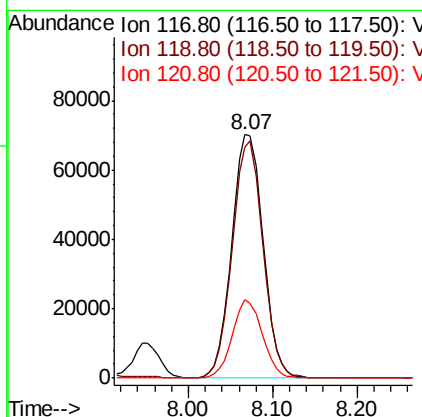
Manual Integrations
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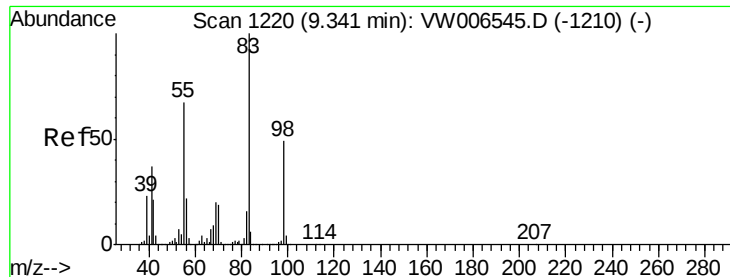
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#38
Carbon Tetrachloride
Concen: 53.231 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.3	114.5
121	32.2	24.1	36.1





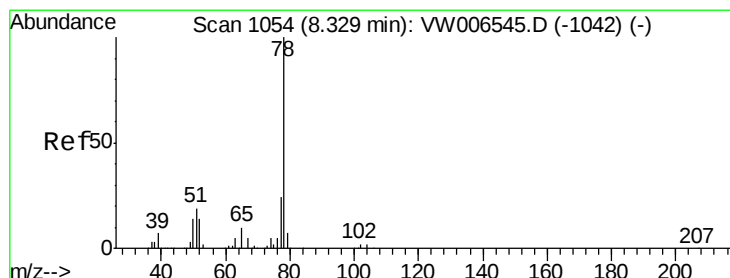
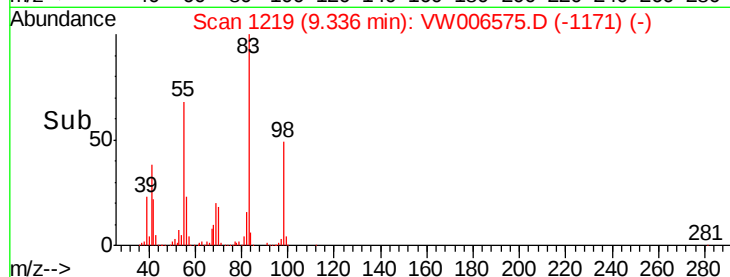
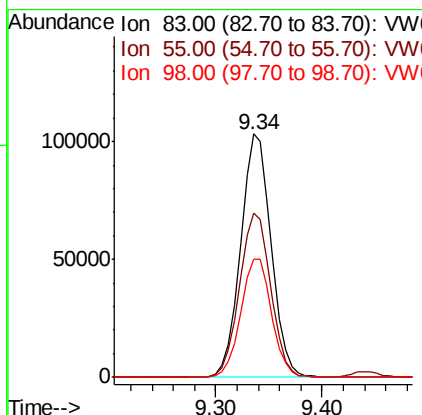
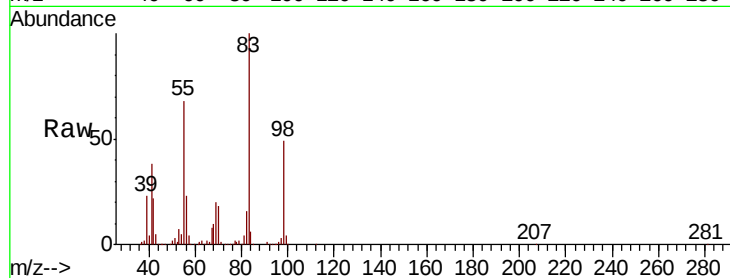
#39
Methvlcvclohexane
Concen: 51.481 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.6	53.7	80.5
98	48.8	39.2	58.8

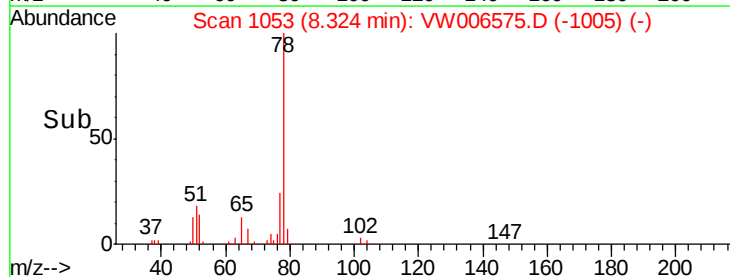
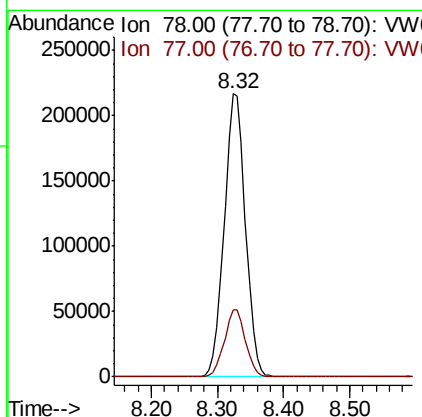
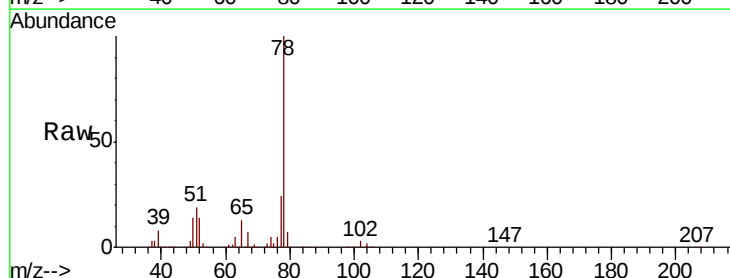
Manual Integrations
APPROVED

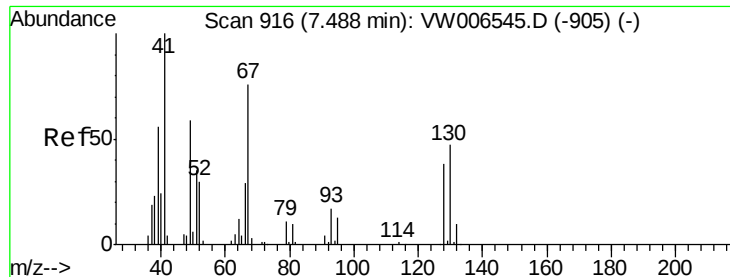
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#40
Benzene
Concen: 53.244 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





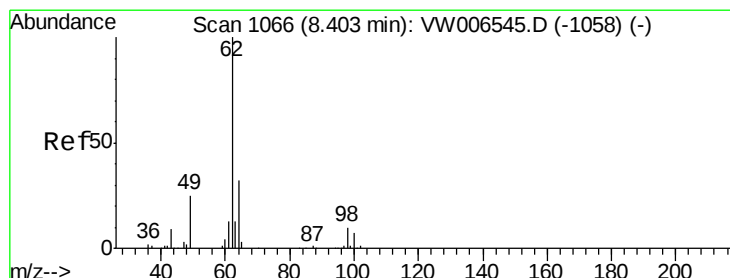
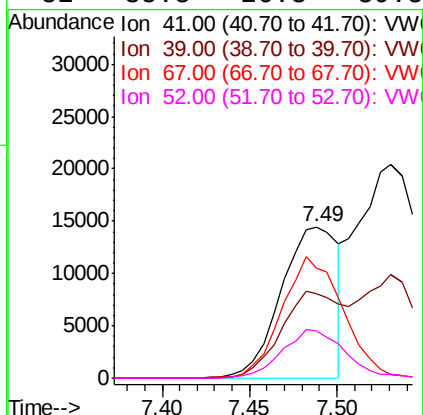
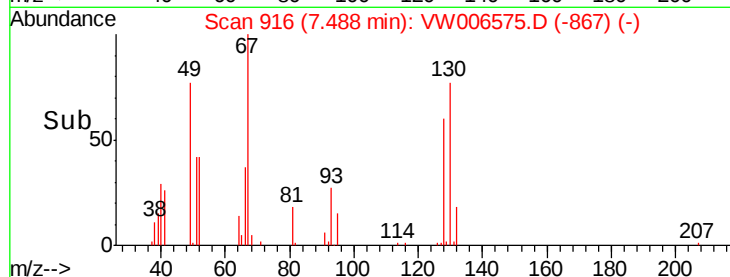
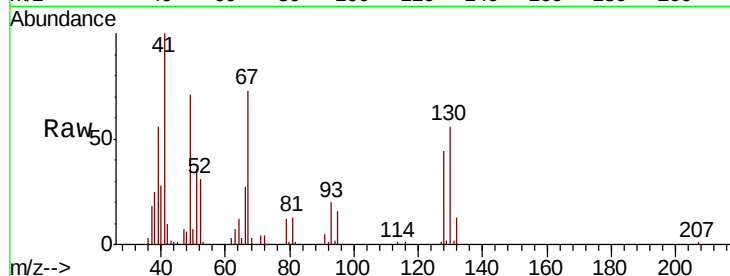
#41
Methacrylonitrile
Concen: 48.268 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion:	41	Resp:	32620
Ion	Ratio	Lower	Upper
41	100		
39	63.8	44.5	66.7
67	87.5	63.8	95.8
52	35.8	26.3	39.5

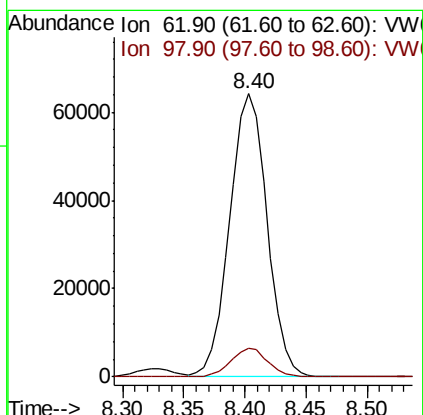
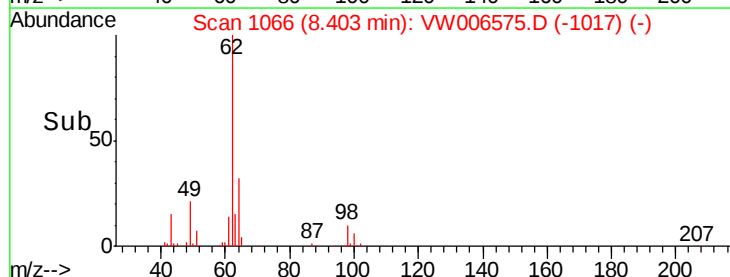
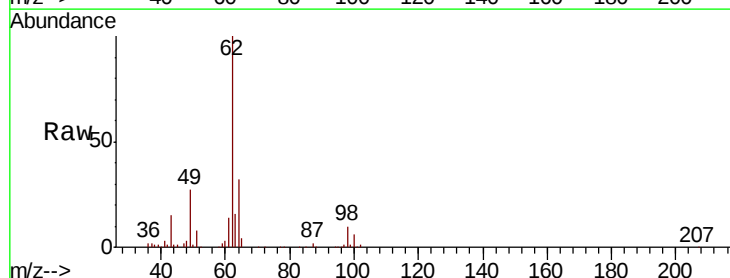
Manual Integrations
APPROVED

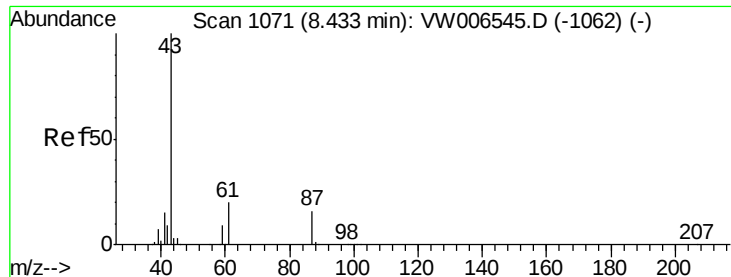
apatel
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#42
1,2-Dichloroethane
Concen: 52.498 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion:	62	Resp:	136000
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 54.001 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

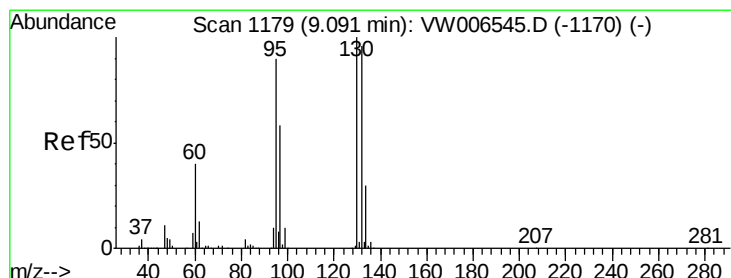
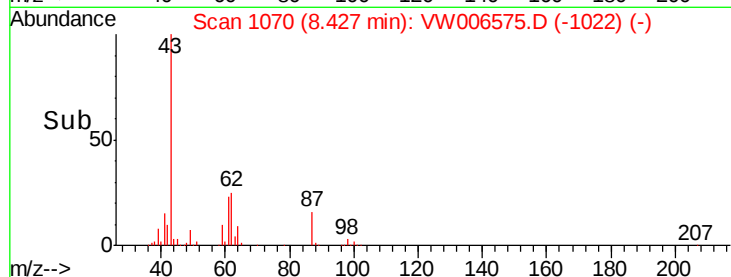
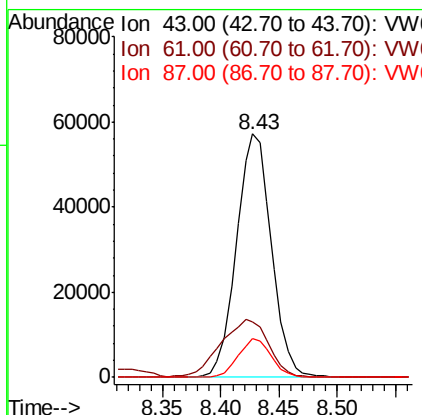
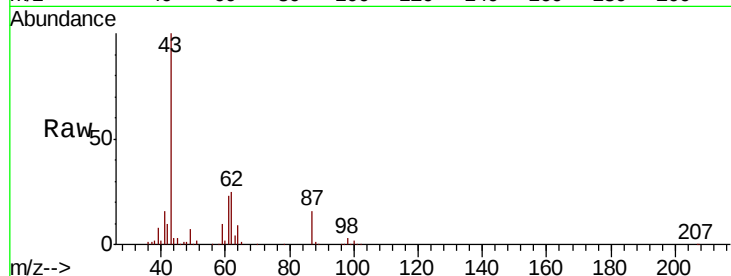
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	118760
Ion Ratio		Lower	Upper
43	100		
61	32.5	27.2	40.8
87	15.2	12.9	19.3

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#44

Trichloroethene

Concen: 51.202 ug/l

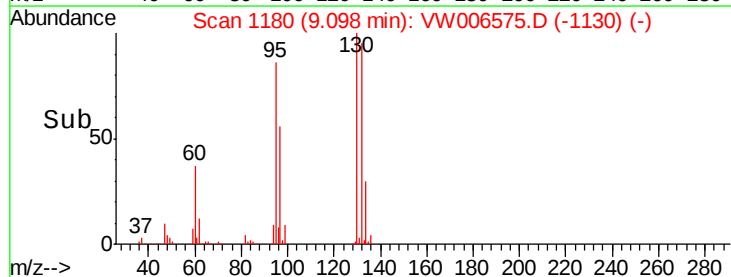
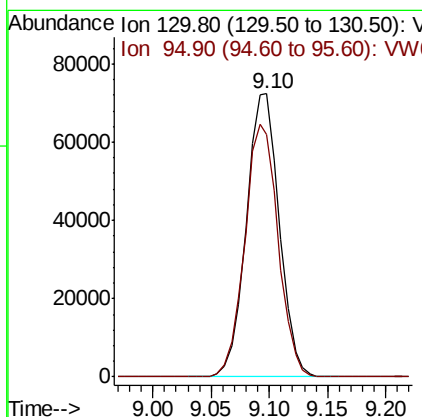
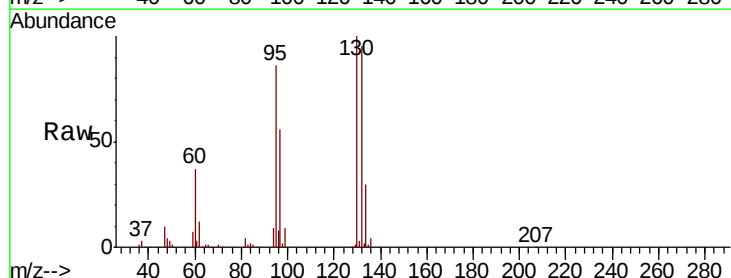
RT: 9.10 min Scan# 1180

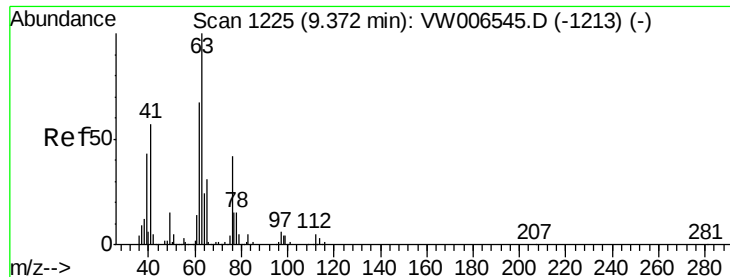
Delta R.T. 0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Tgt Ion:	130	Resp:	142725
Ion Ratio		Lower	Upper
130	100		
95	85.8	0.0	179.2





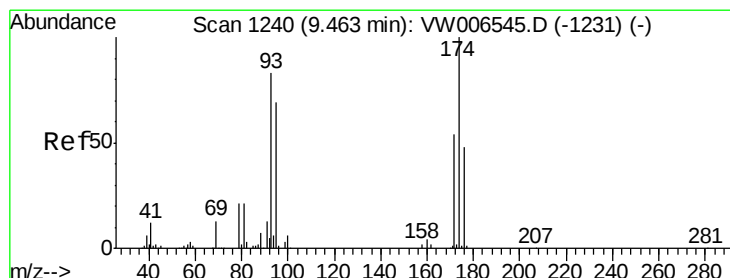
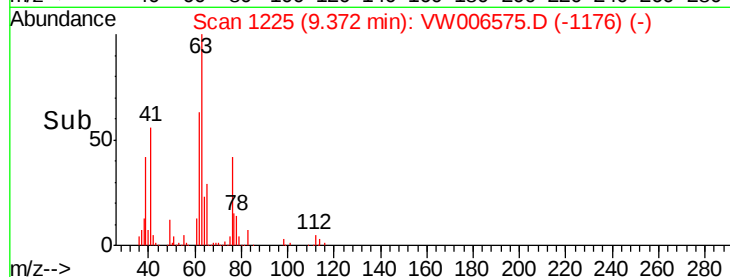
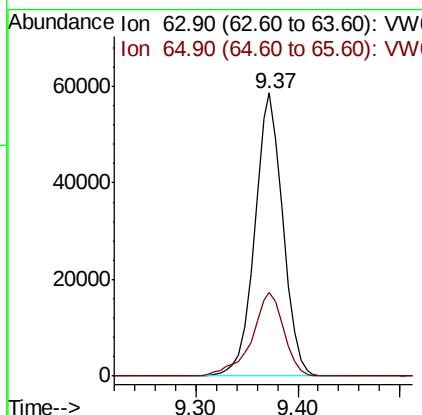
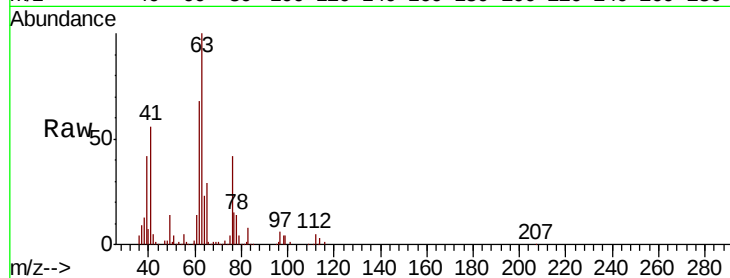
#45
 1,2-Dichloropropane
 Concen: 53.388 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	25.1	37.7

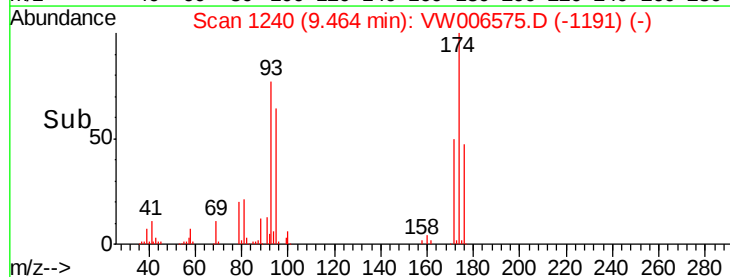
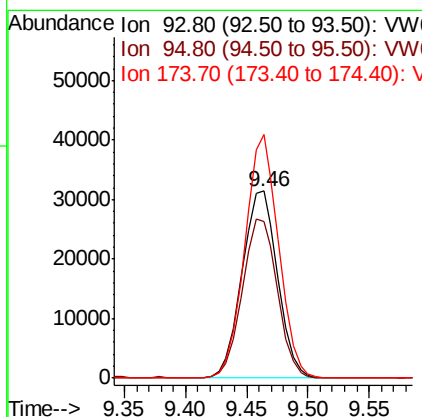
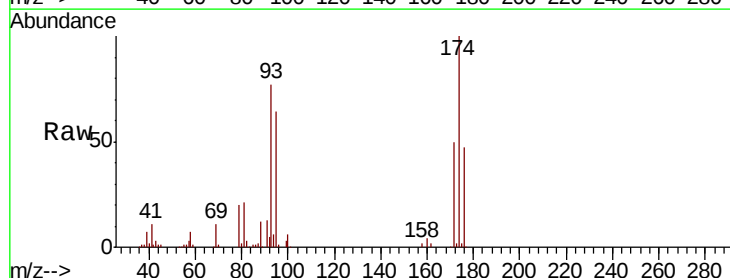
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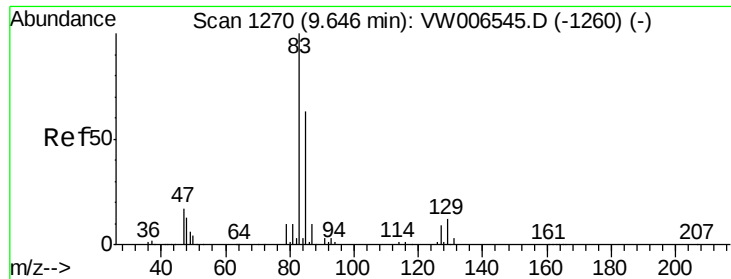
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#46
 Dibromomethane
 Concen: 51.442 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.2	100.8
174	122.9	97.3	145.9





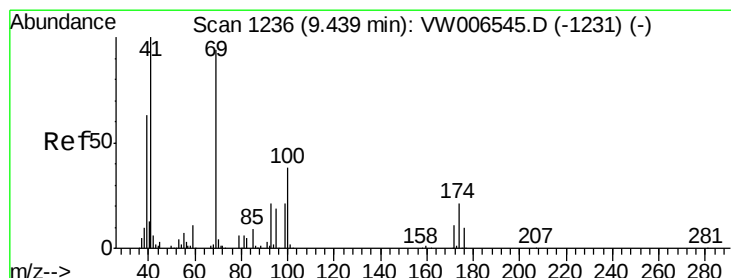
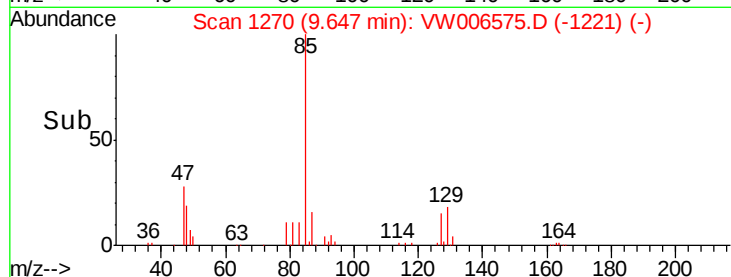
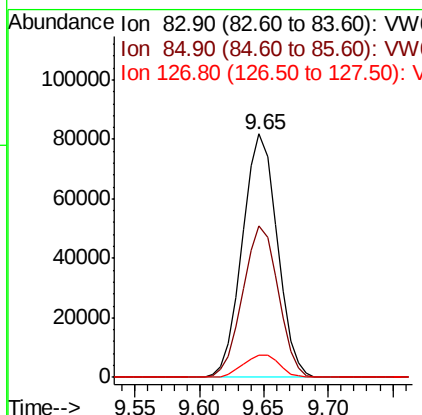
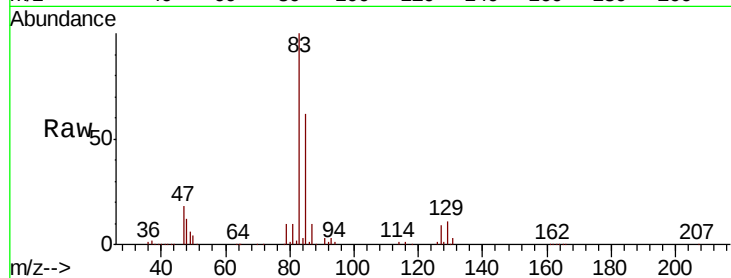
#47
Bromodichloromethane
Concen: 53.413 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.6	75.8
127	9.1	7.5	11.3

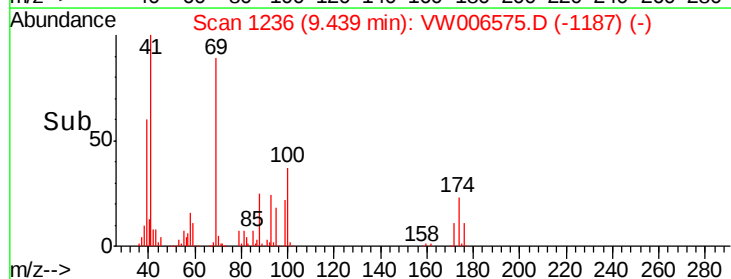
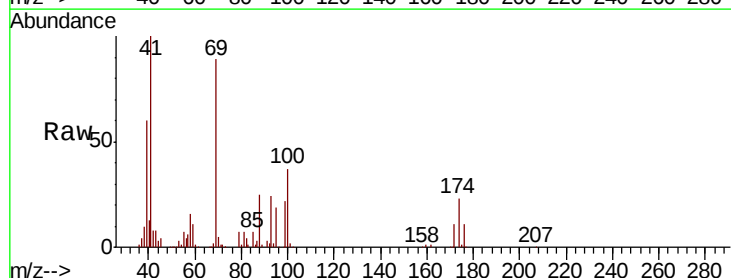
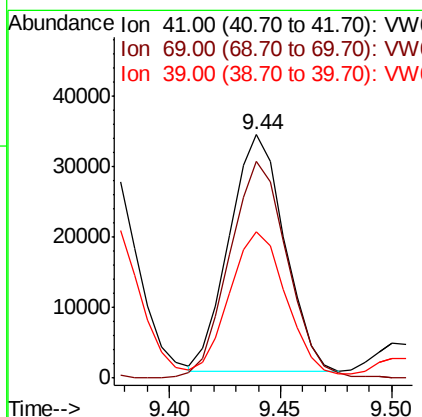
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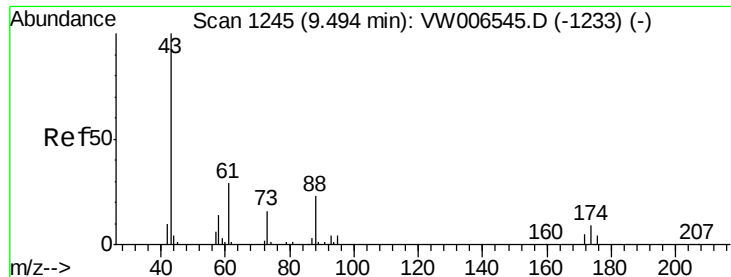
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#48
Methyl methacrylate
Concen: 54.903 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.2	77.8	116.8
39	60.3	48.7	73.1





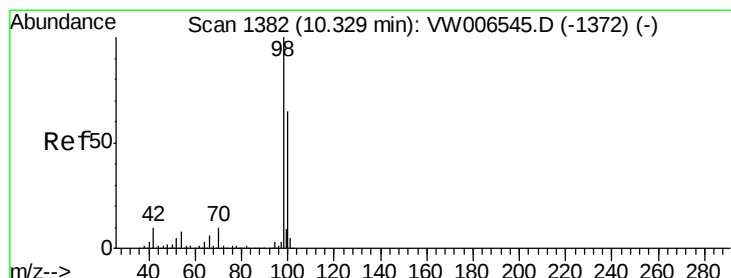
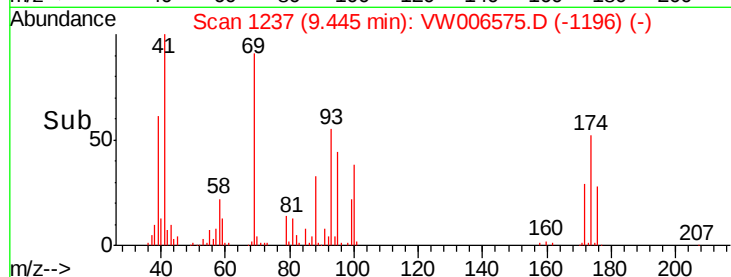
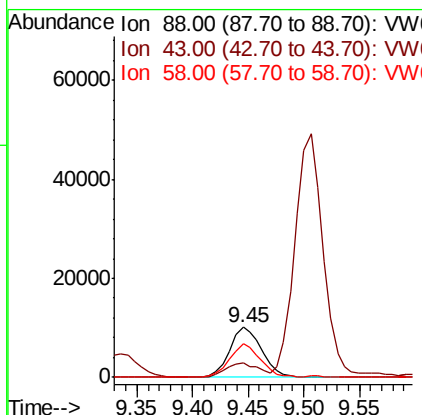
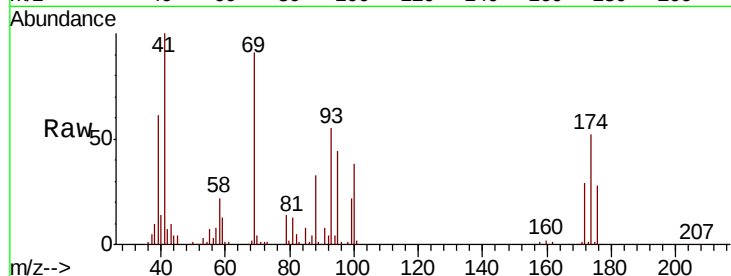
#49
1,4-Dioxane
Concen: 1120.771 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.05 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	356.6	534.8#
58	64.9	51.4	77.2

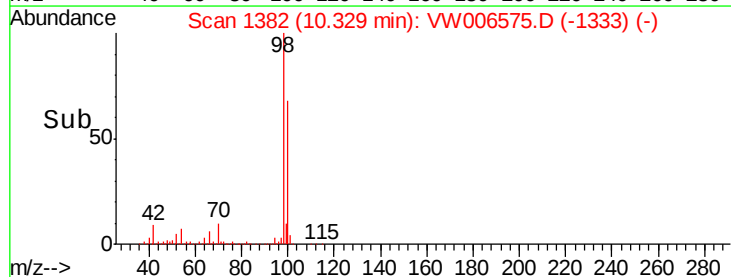
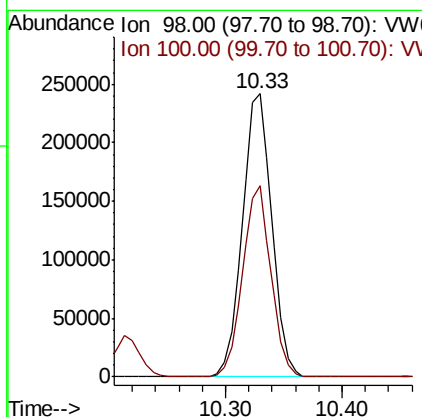
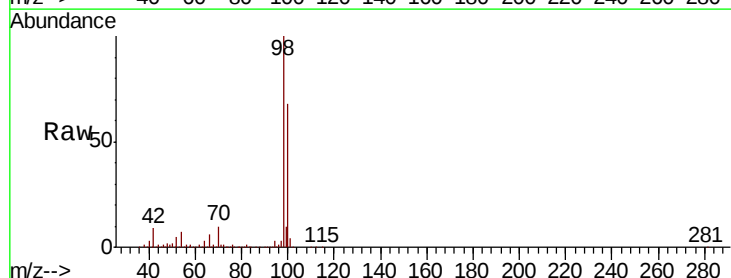
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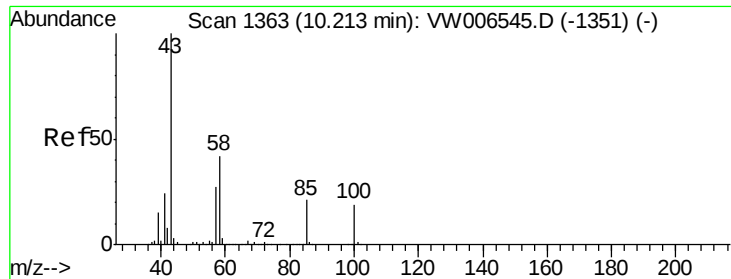
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#50
Toluene-d8
Concen: 49.217 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 272.544 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 307834

Ion Ratio Lower Upper

43 100

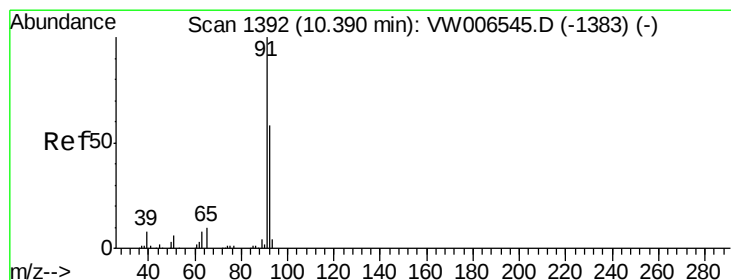
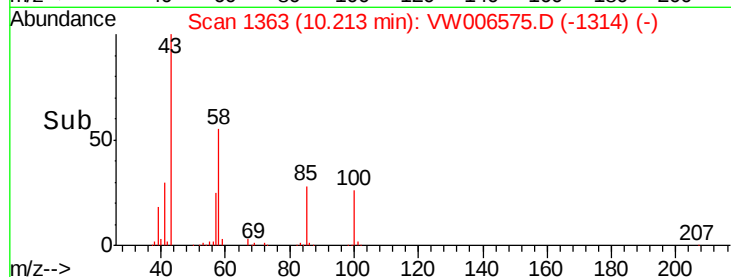
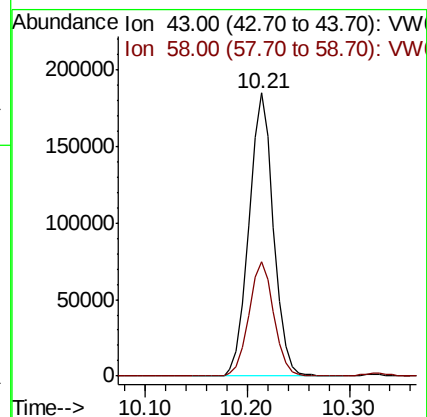
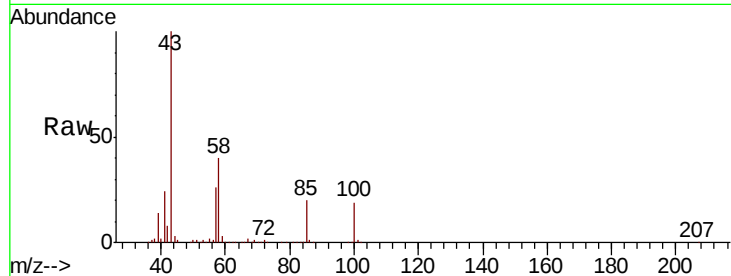
58 41.1 33.4 50.0

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#52

Toluene

Concen: 51.798 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006575.D

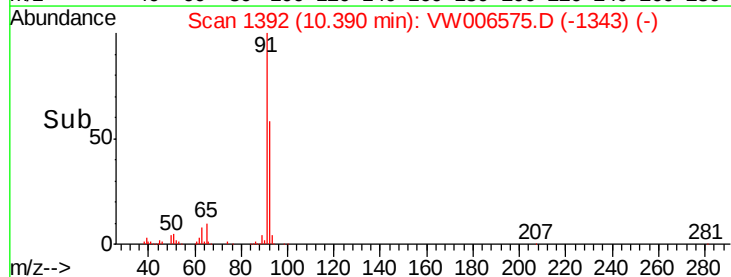
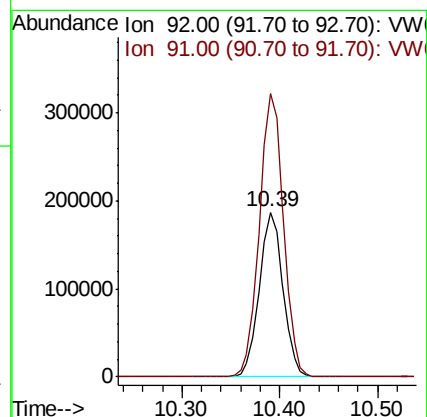
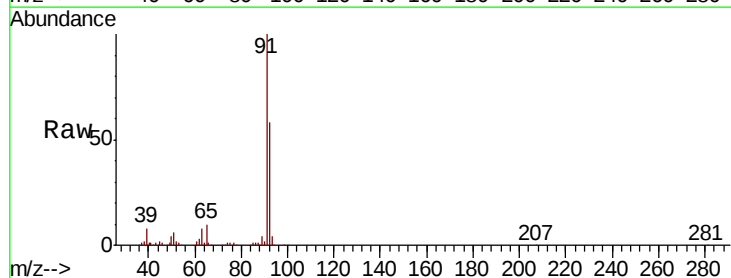
Acq: 01 Nov 2018 23:26

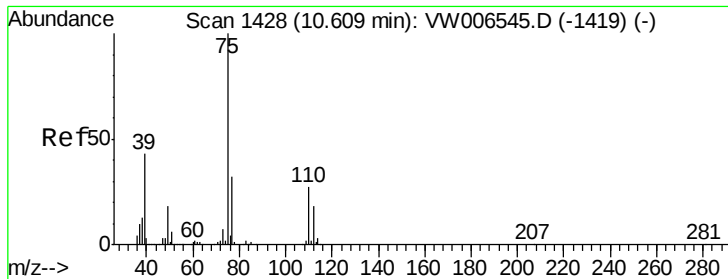
Tgt Ion: 92 Resp: 313829

Ion Ratio Lower Upper

92 100

91 174.9 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 52.595 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 145237

Ion Ratio Lower Upper

75 100

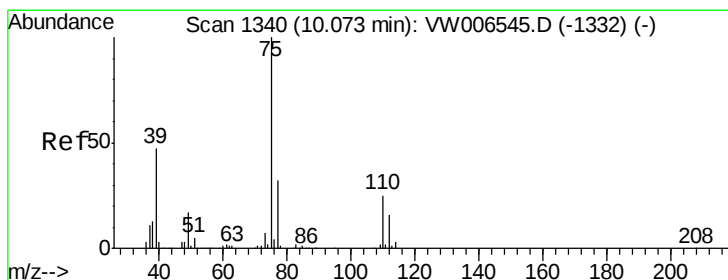
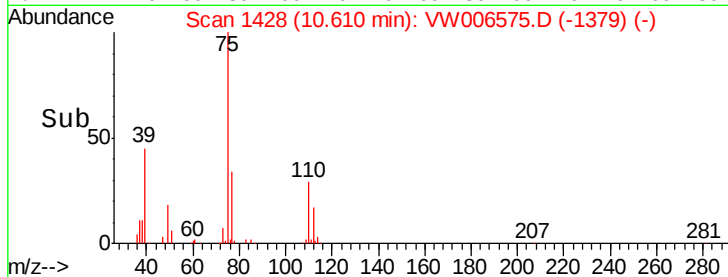
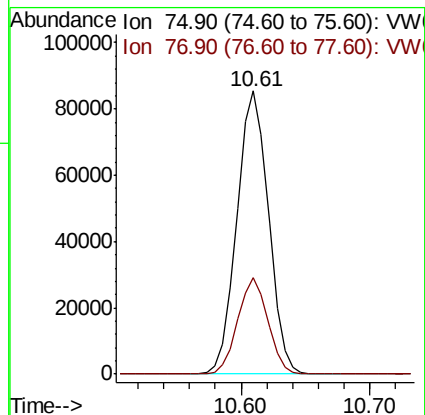
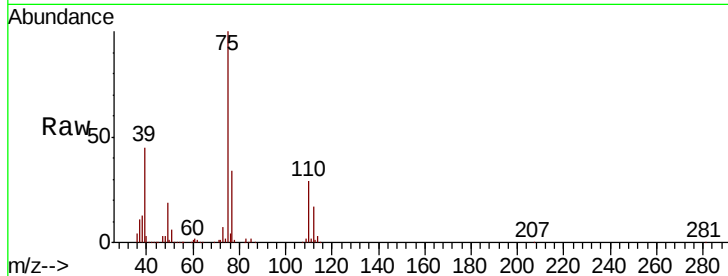
77 33.9 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 52.526 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

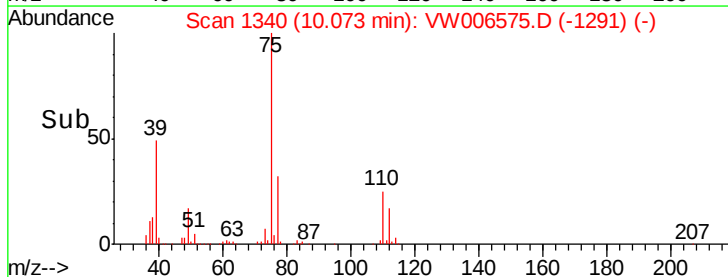
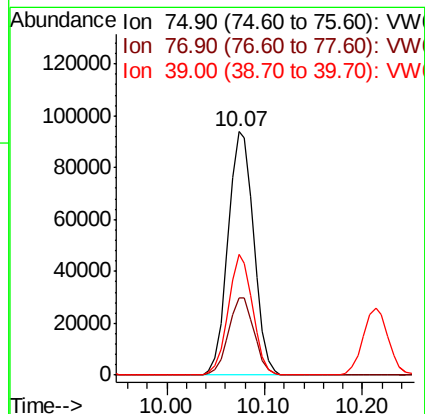
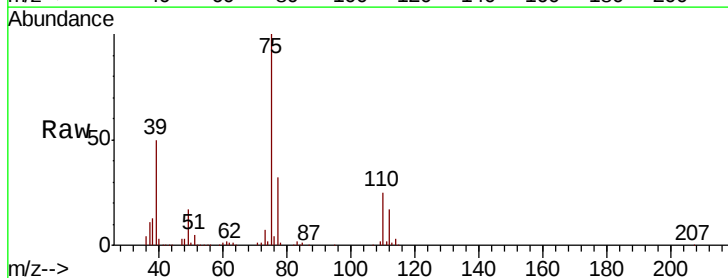
Tgt Ion: 75 Resp: 171404

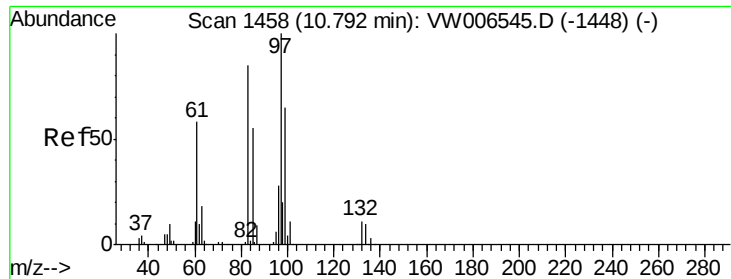
Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 49.4 37.3 55.9





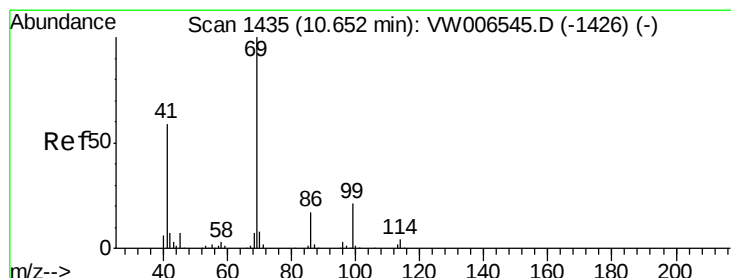
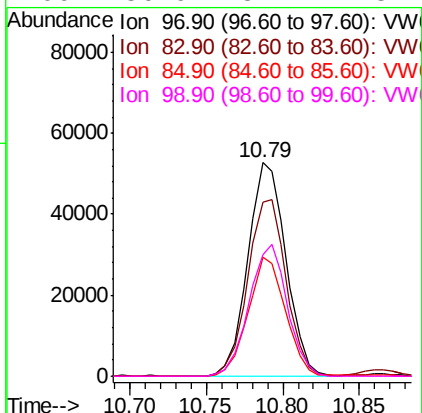
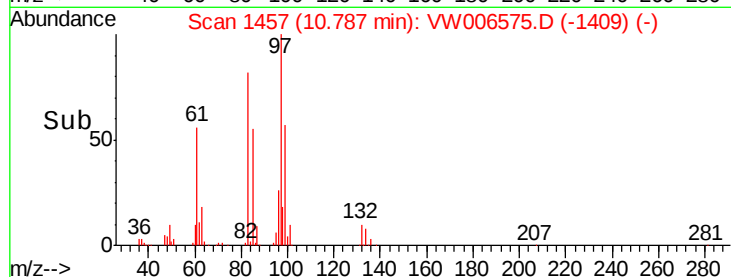
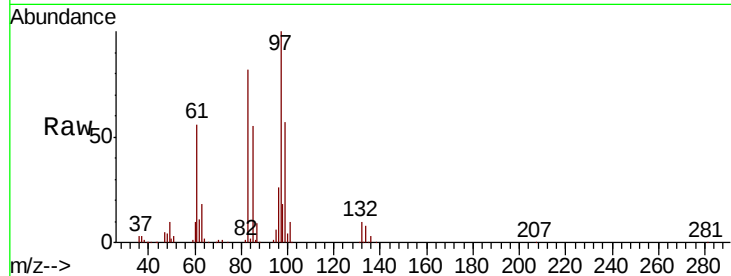
#55
 1,1,2-Trichloroethane
 Concen: 52.231 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	91578
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.9	101.9
85	55.5	44.0	66.0
99	56.9	52.2	78.2

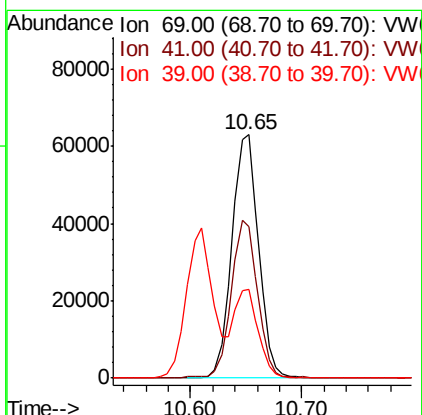
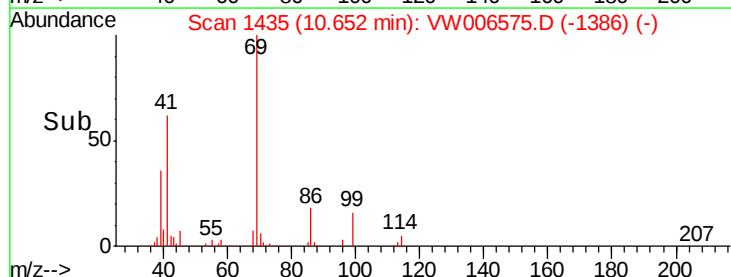
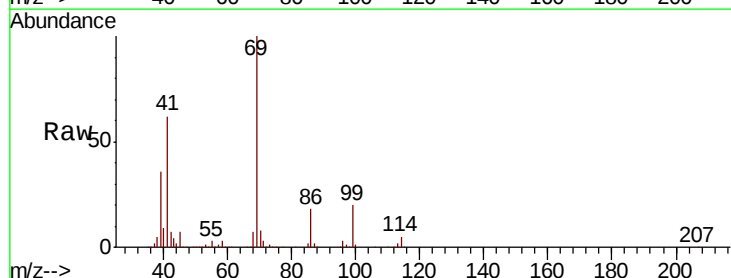
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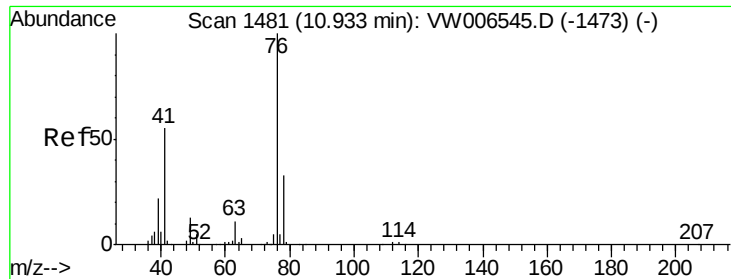
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#56
 Ethyl methacrylate
 Concen: 52.241 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion:	69	Resp:	104109
Ion	Ratio	Lower	Upper
69	100		
41	64.6	47.4	71.2
39	31.9	25.3	37.9





#57

1,3-Dichloropropane

Concen: 51.594 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 146893

Ion Ratio Lower Upper

76 100

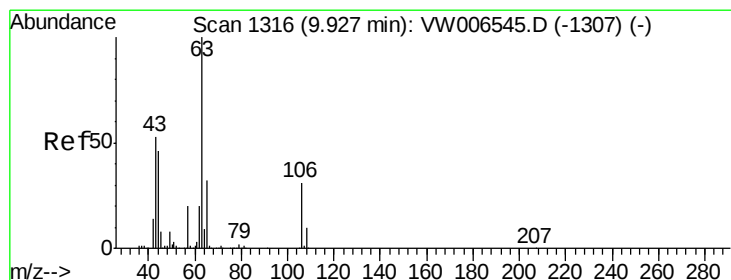
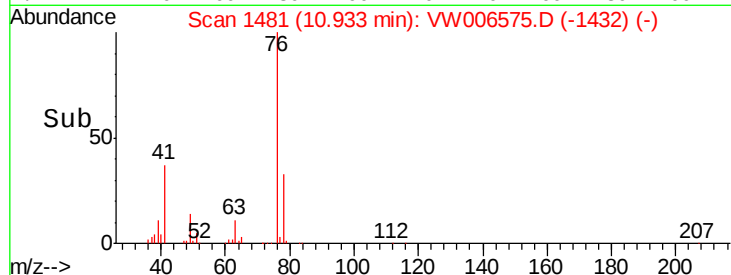
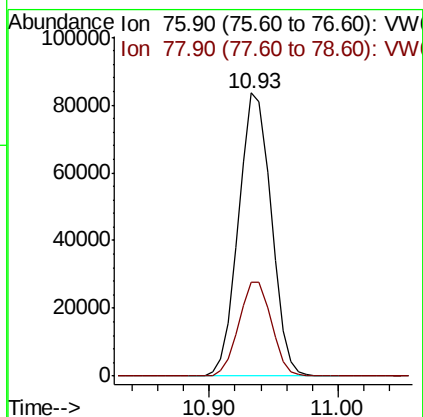
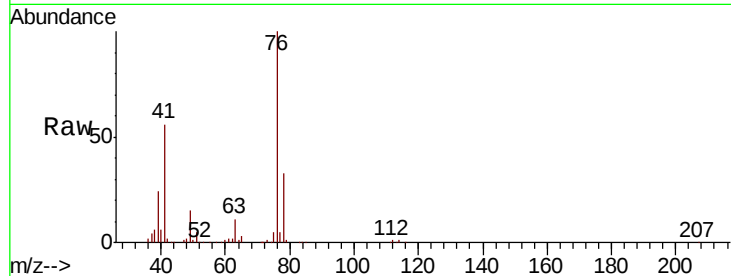
78 33.3 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 256.892 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006575.D

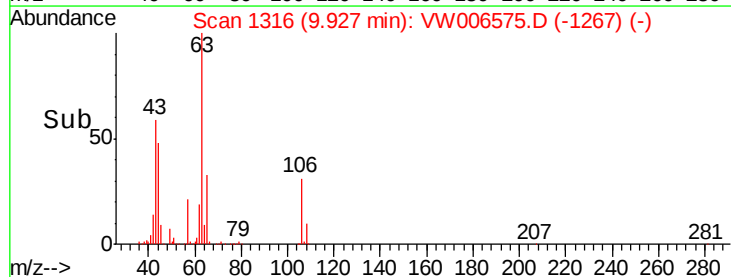
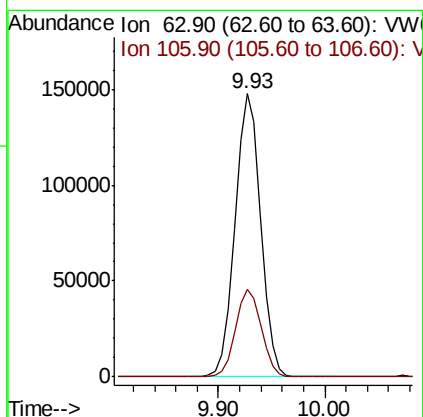
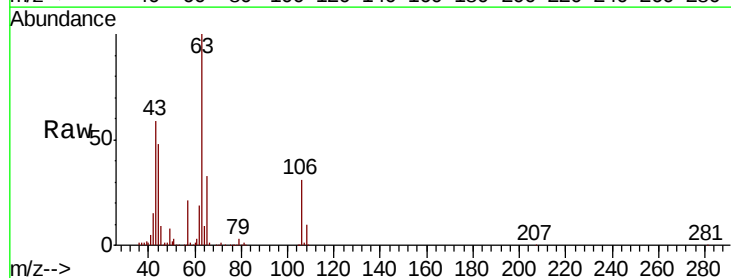
Acq: 01 Nov 2018 23:26

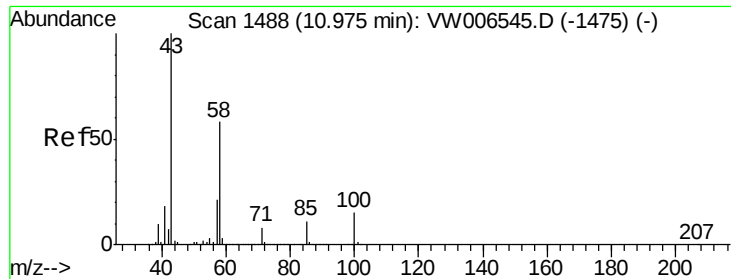
Tgt Ion: 63 Resp: 248861

Ion Ratio Lower Upper

63 100

106 31.2 25.4 38.2





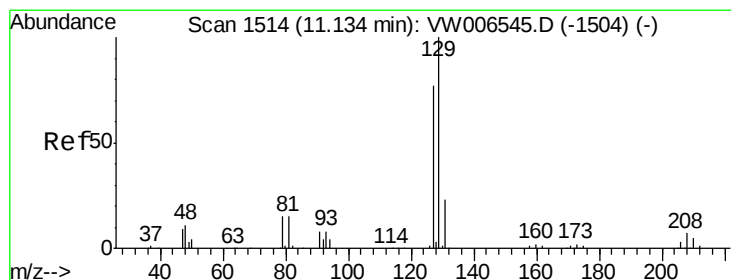
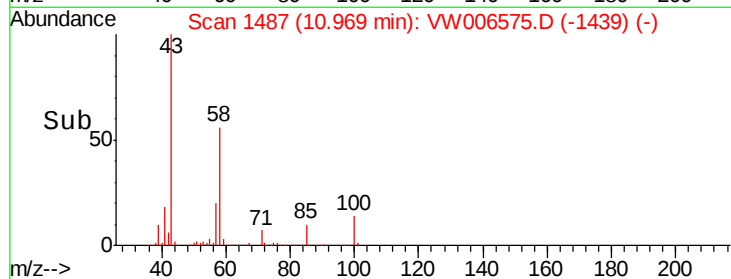
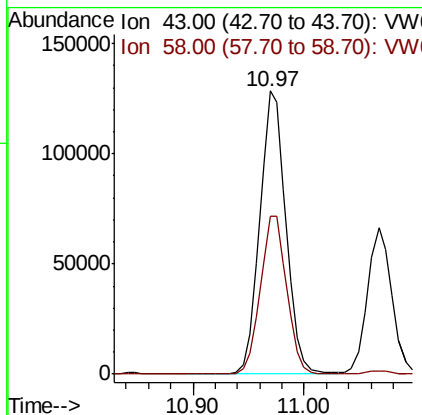
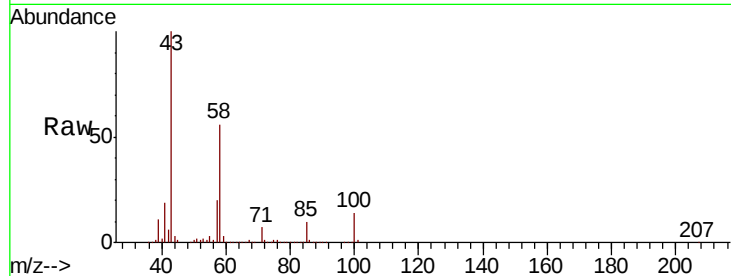
#59
2-Hexanone
Concen: 273.883 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	210105
Ion Ratio	100	Lower	Upper
43	100		
58	56.7	28.8	86.4

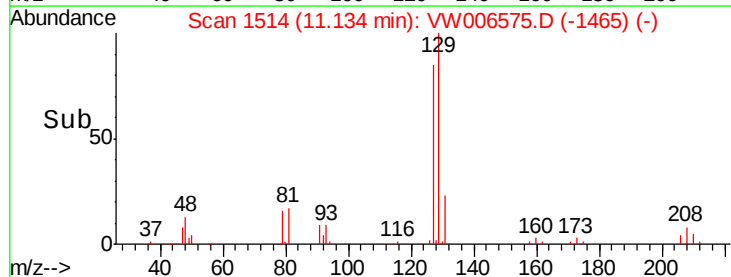
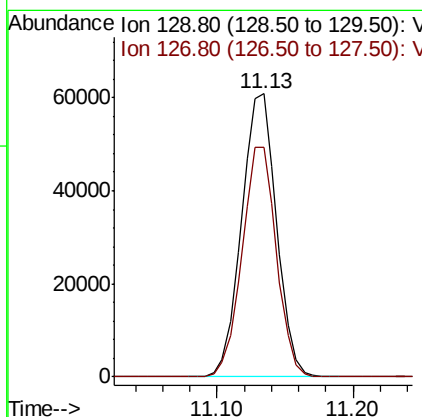
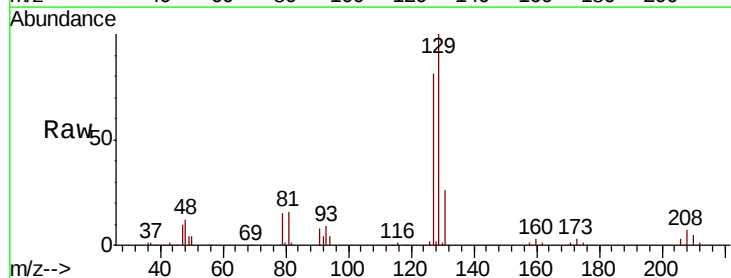
Manual Integrations
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#60
Dibromochloromethane
Concen: 52.583 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	129	Resp	109235
Ion Ratio	100	Lower	Upper
129	100		
127	79.8	38.8	116.3





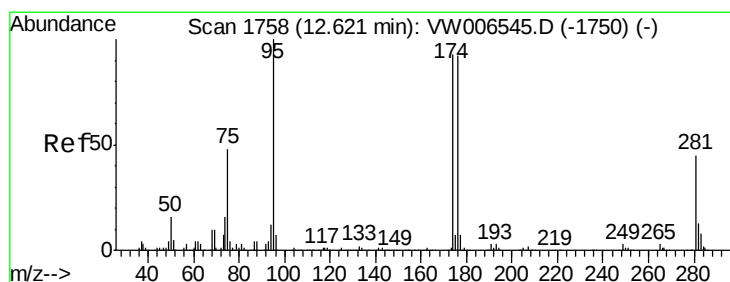
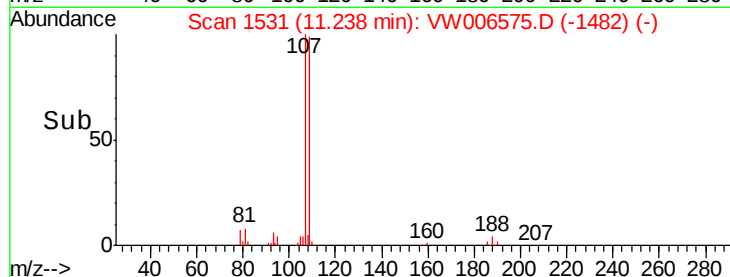
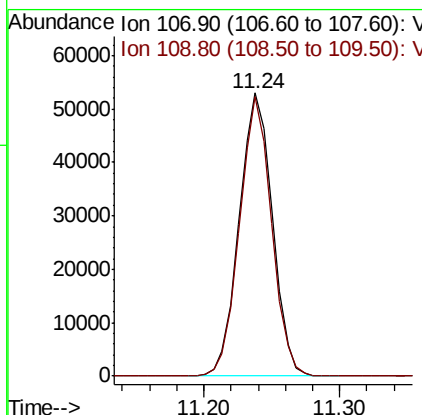
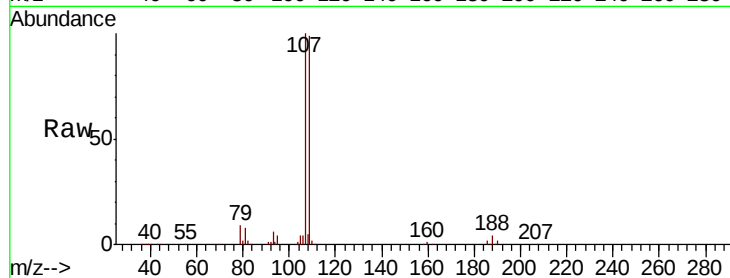
#61
1,2-Dibromoethane
Concen: 51.862 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.8	113.6

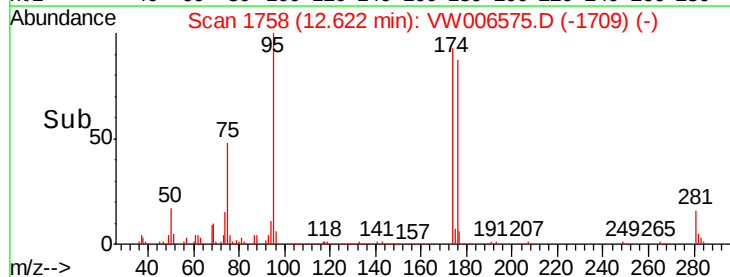
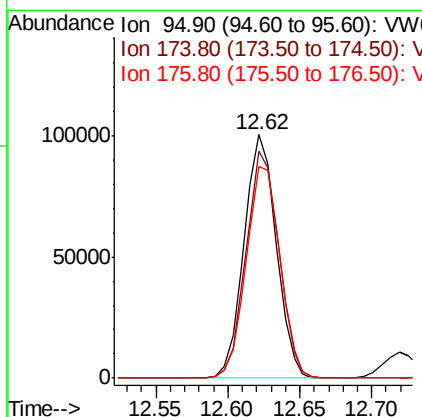
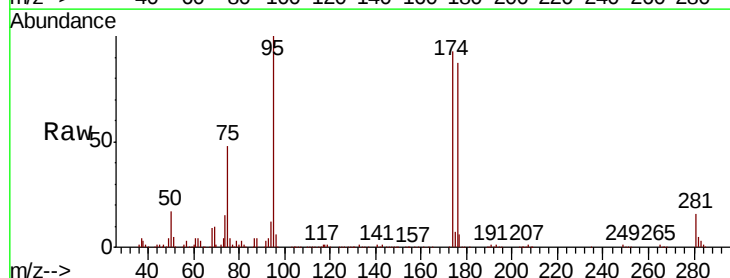
Manual Integrations
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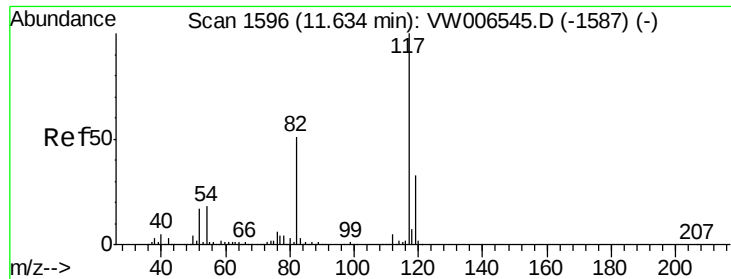
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#62
4-Bromofluorobenzene
Concen: 49.490 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	192.4
176	91.3	0.0	187.4





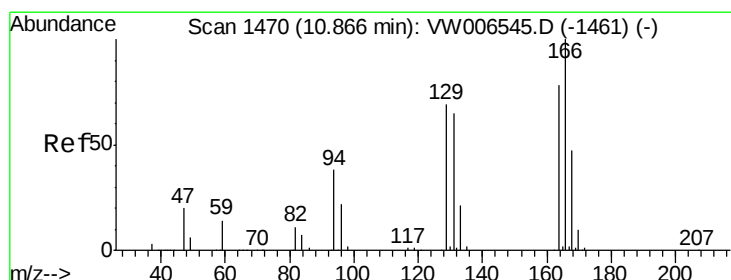
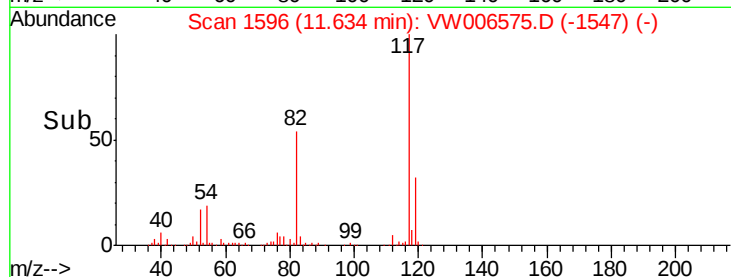
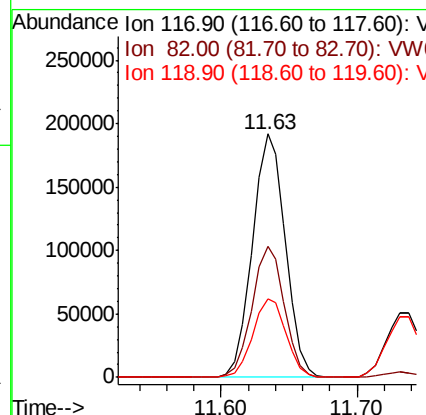
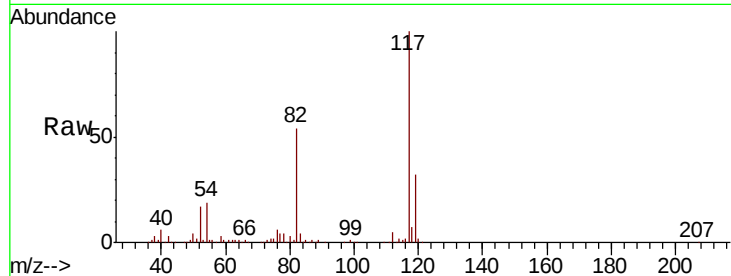
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	325588		
82	54.0		40.8	61.2
119	32.1		26.1	39.1

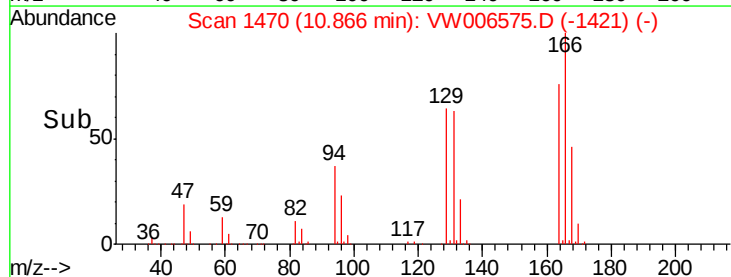
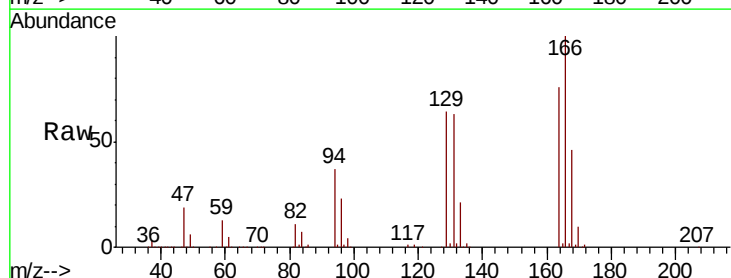
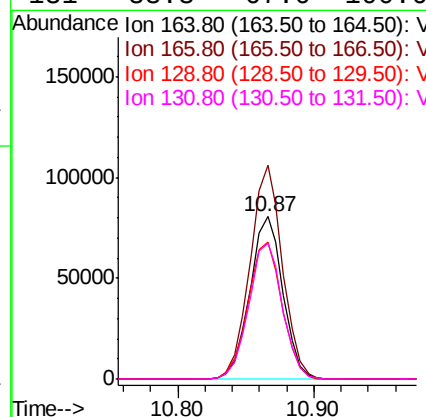
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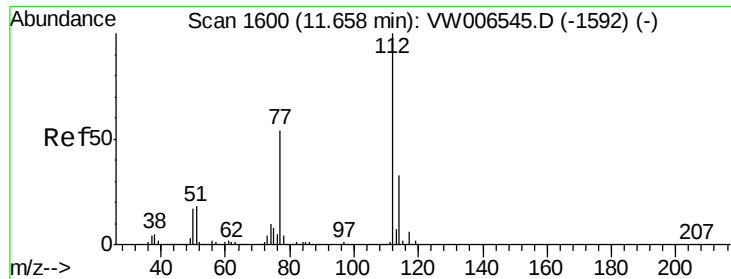
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#64
Tetrachloroethene
Concen: 52.621 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136573		
166	131.5		102.8	154.2
129	84.4		70.9	106.3
131	83.3		67.0	100.6





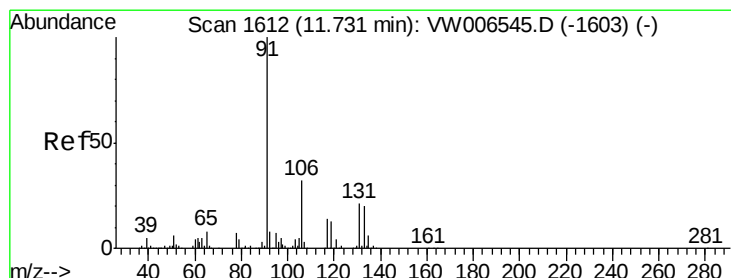
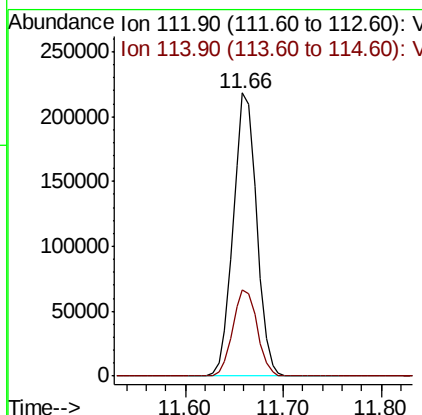
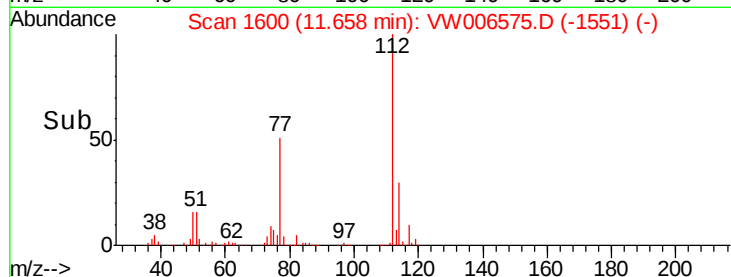
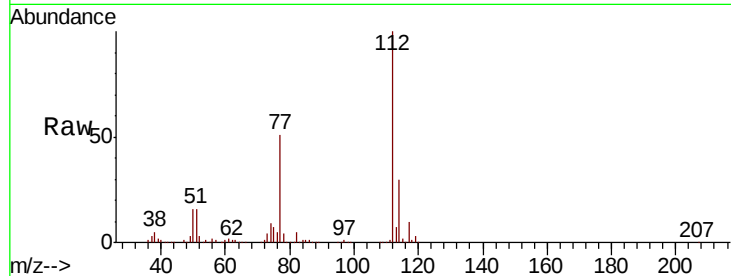
#65
Chlorobenzene
Concen: 52.942 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.4	26.2	39.2

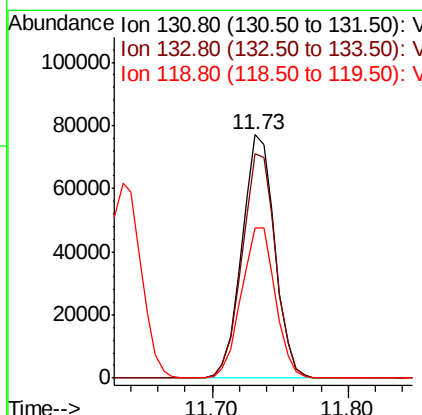
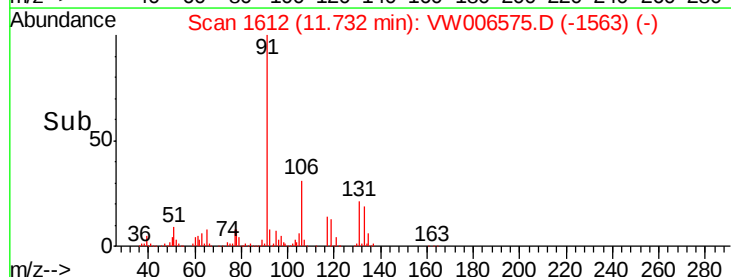
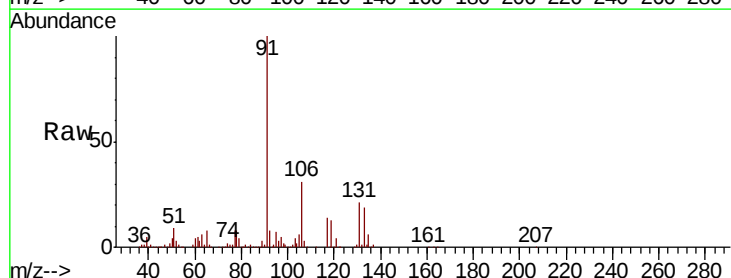
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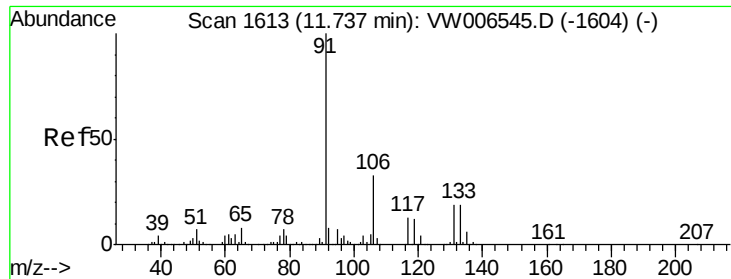
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.997 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.5	142.5
119	63.9	31.9	95.5





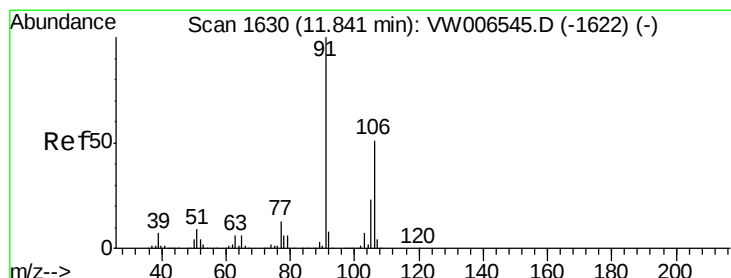
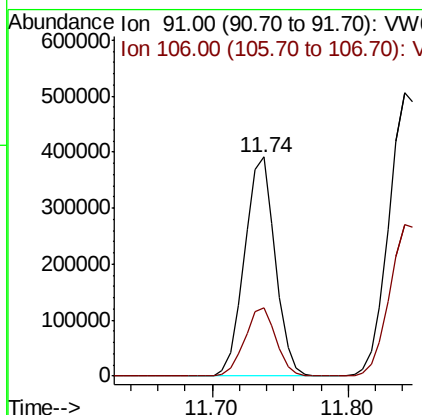
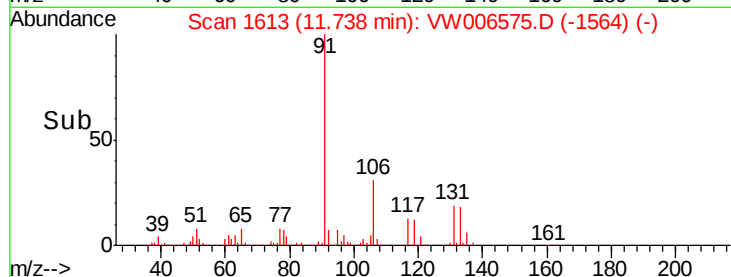
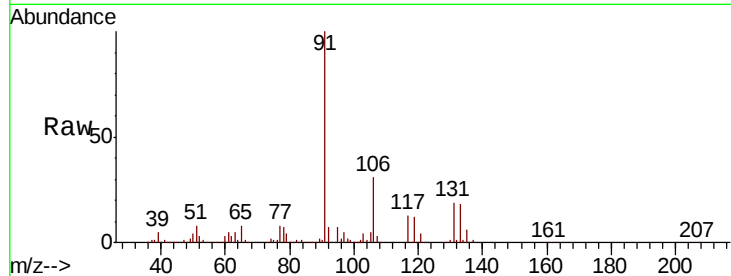
#67
Ethyl Benzene
Concen: 53.879 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 617005
Ion Ratio Lower Upper
91 100
106 31.2 26.3 39.5

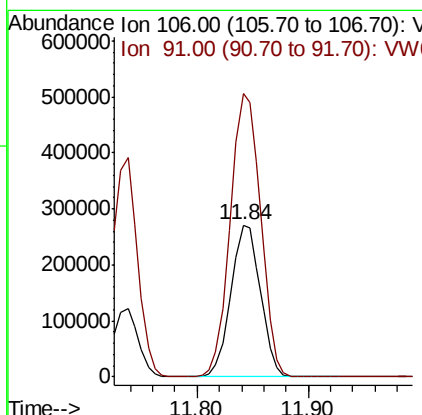
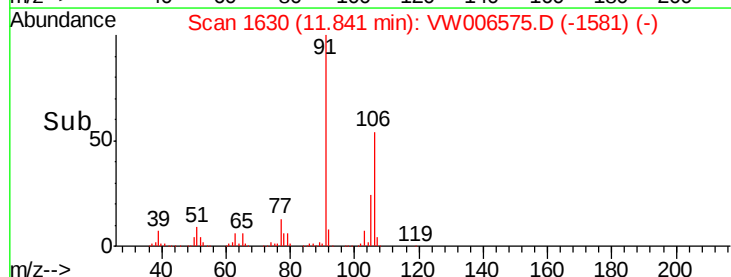
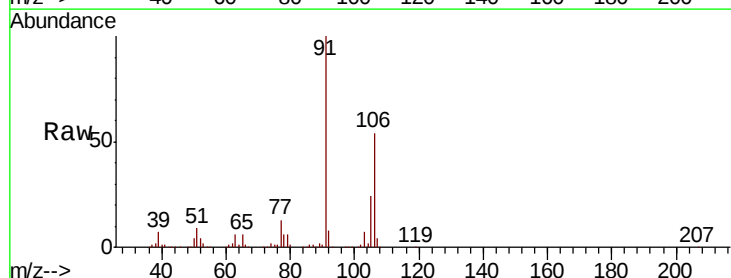
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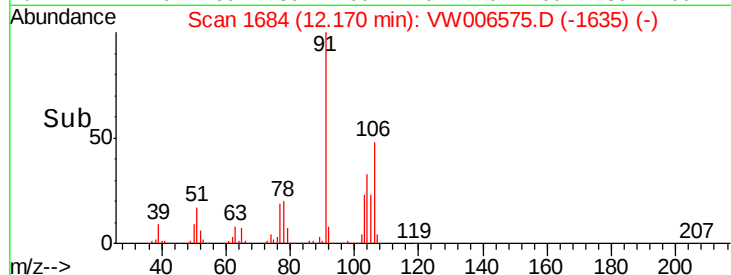
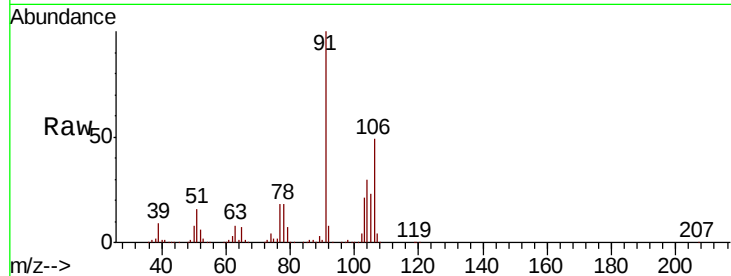
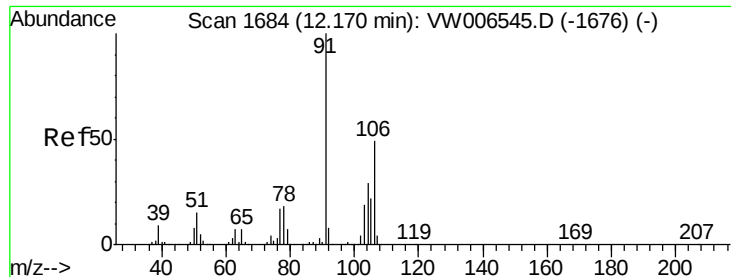
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#68
m/p-Xylenes
Concen: 108.569 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion: 106 Resp: 496726
Ion Ratio Lower Upper
106 100
91 192.2 156.7 235.1





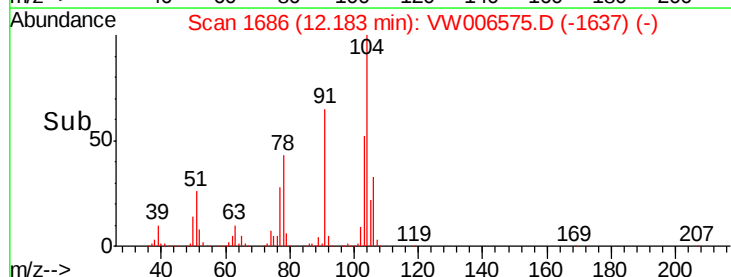
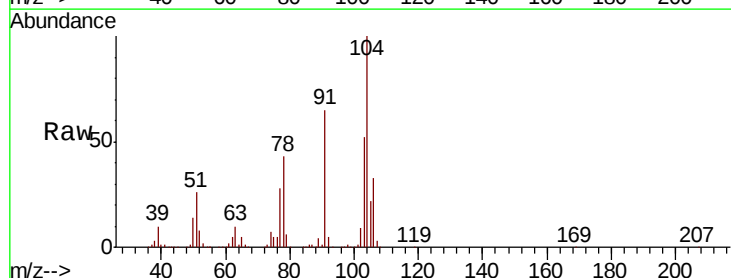
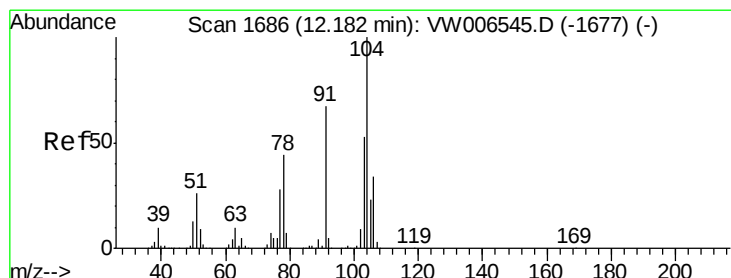
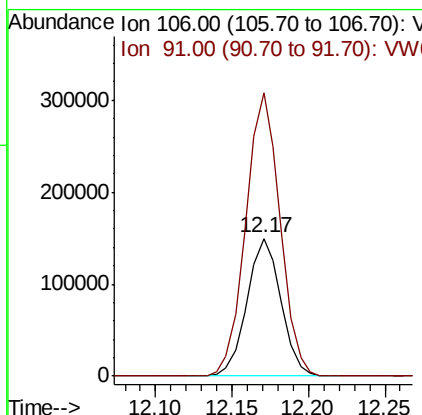
#69
o-Xylene
Concen: 53.141 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 231465
Ion Ratio Lower Upper
106 100
91 206.7 102.8 308.4

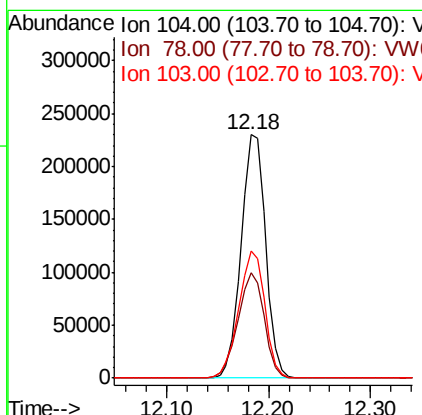
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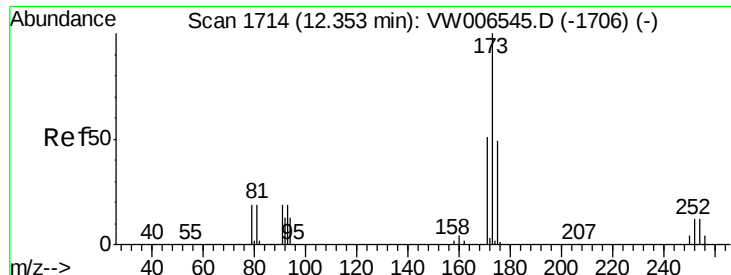
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#70
Styrene
Concen: 53.903 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion:104 Resp: 382785
Ion Ratio Lower Upper
104 100
78 46.4 37.2 55.8
103 55.7 44.2 66.2





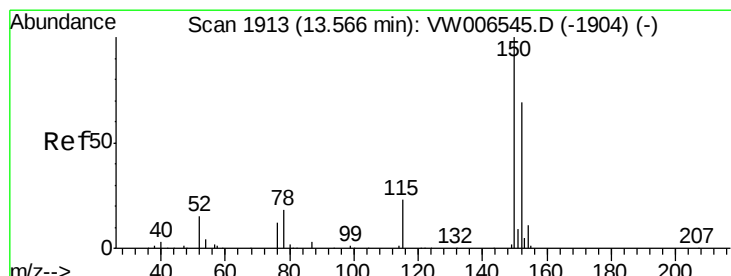
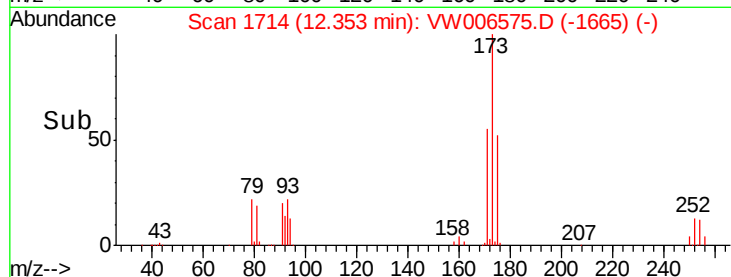
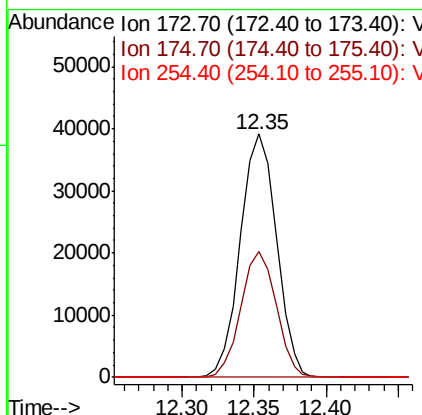
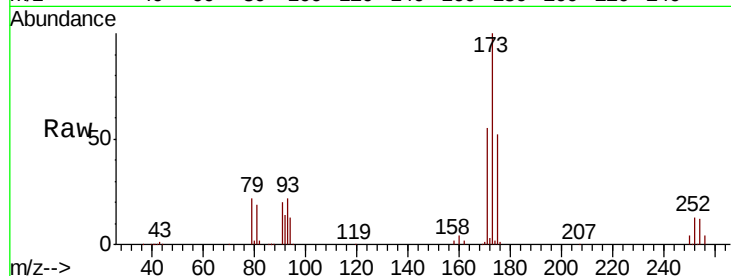
#71
Bromoform
Concen: 53.463 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.1	72.4
254	0.0	0.1	0.1#

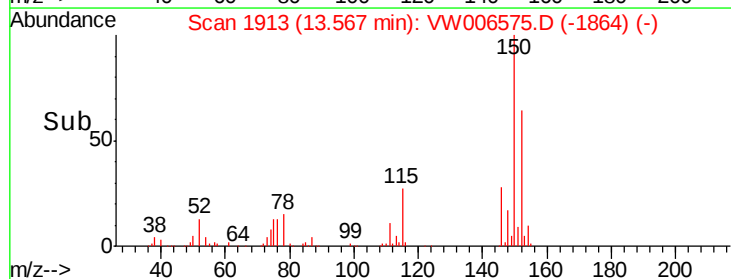
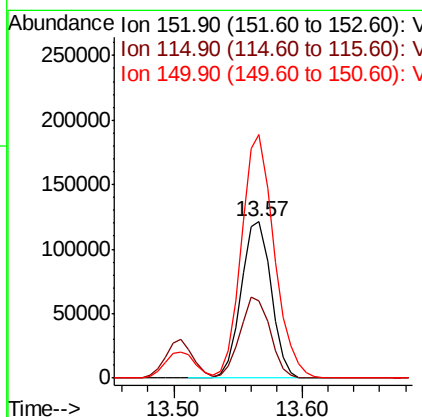
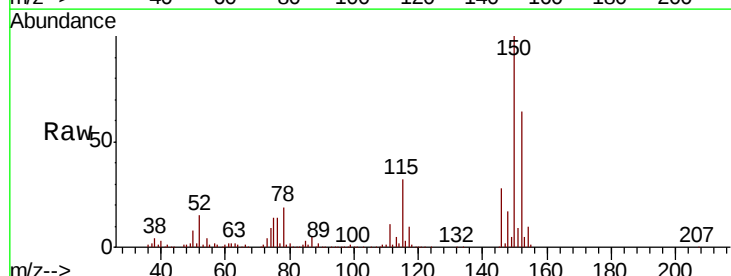
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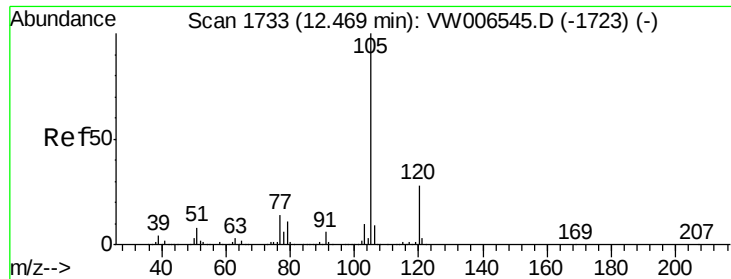
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.2	26.6	79.8
150	169.4	0.0	344.6





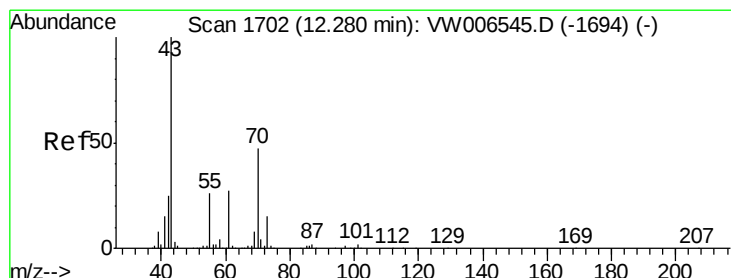
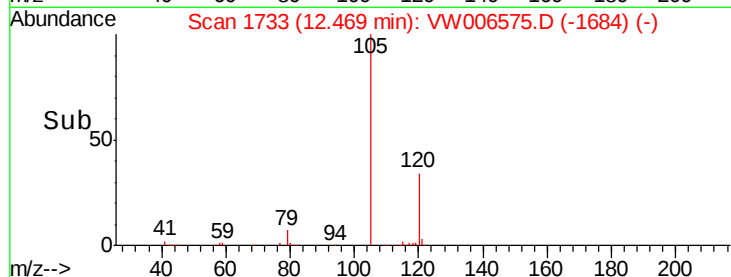
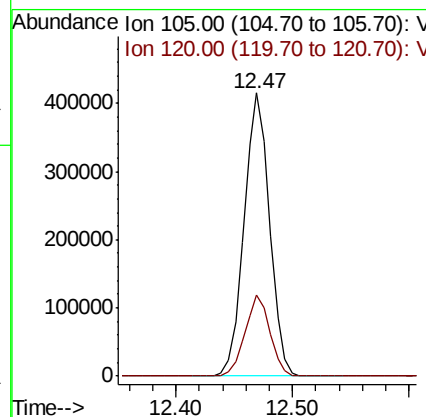
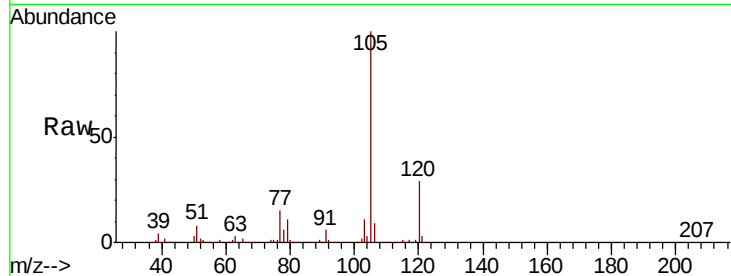
#73
Isopropylbenzene
Concen: 49.344 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.7	41.1

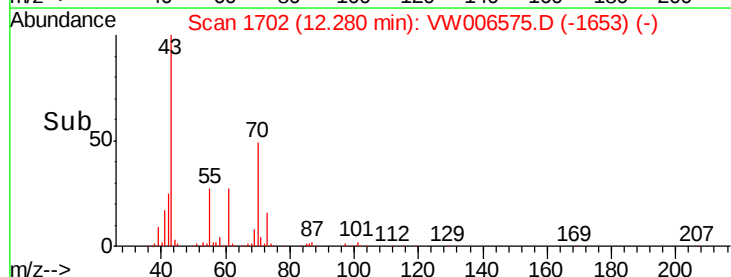
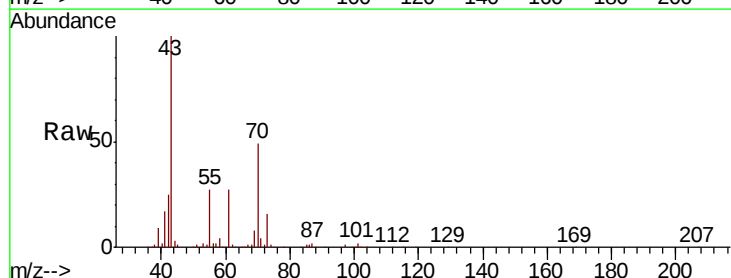
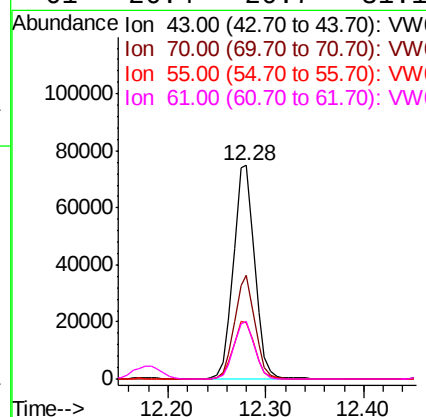
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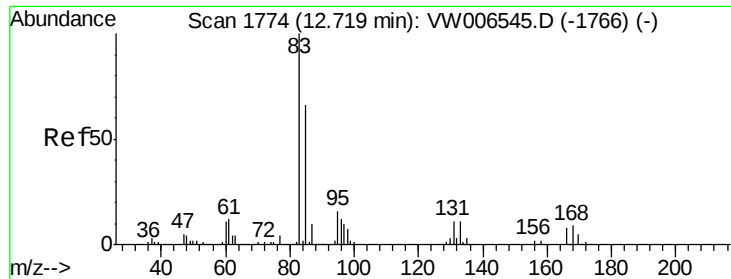
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#74
N-ethyl acetate
Concen: 51.359 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.4	36.9	55.3
55	27.5	20.7	31.1
61	26.4	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.916 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

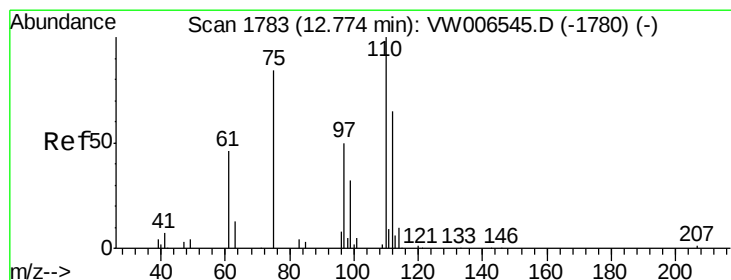
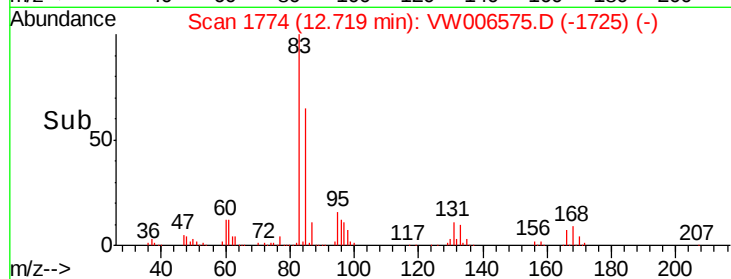
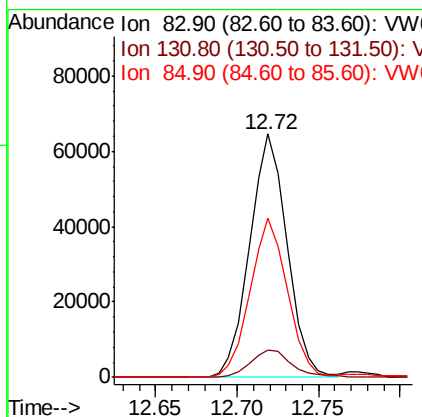
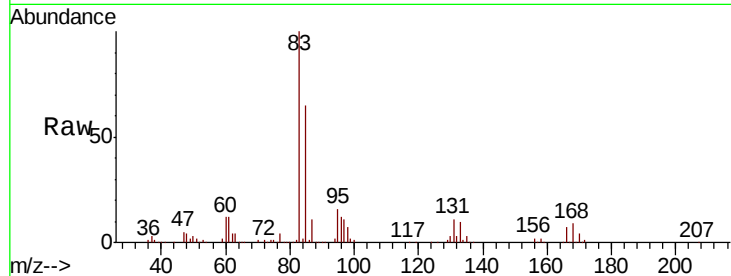
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	103035
Ion Ratio	Lower	Upper	
83	100		
131	12.4	5.9	17.7
85	64.8	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.158 ug/l m

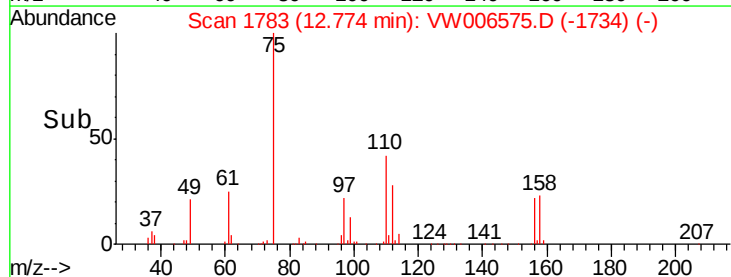
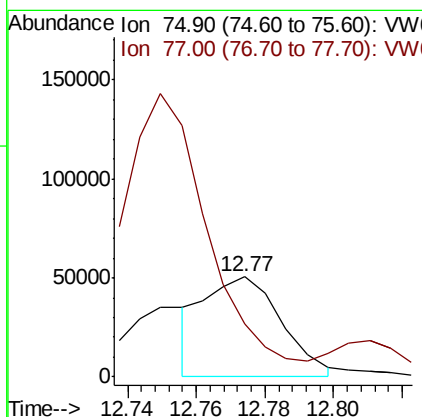
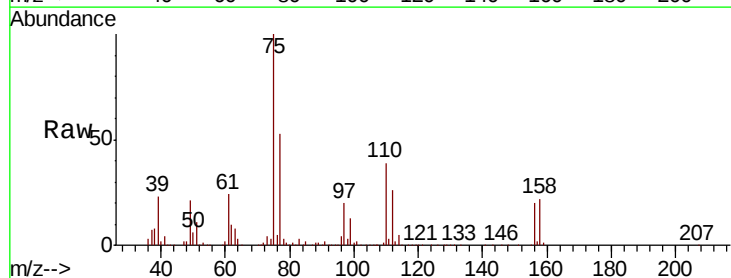
RT: 12.77 min Scan# 1783

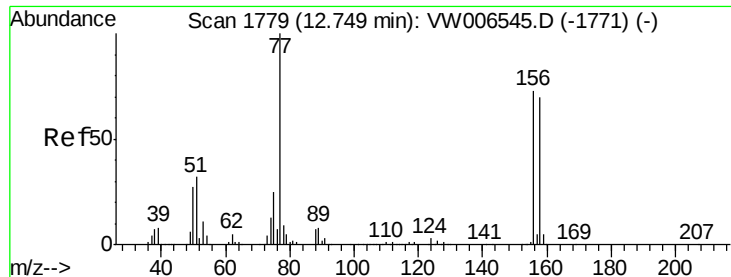
Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Tgt Ion:	75	Resp:	79151
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.474 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

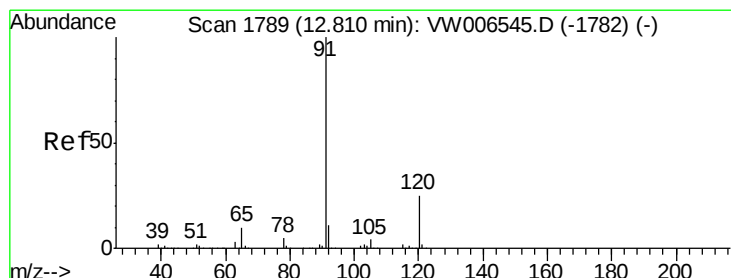
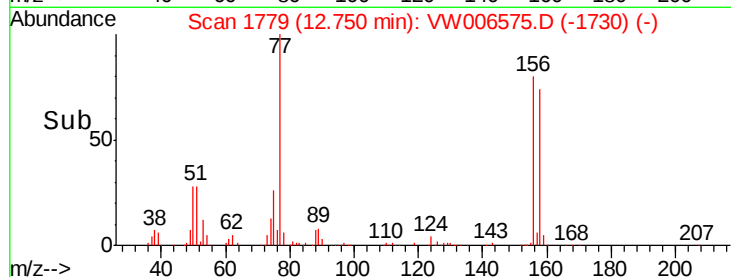
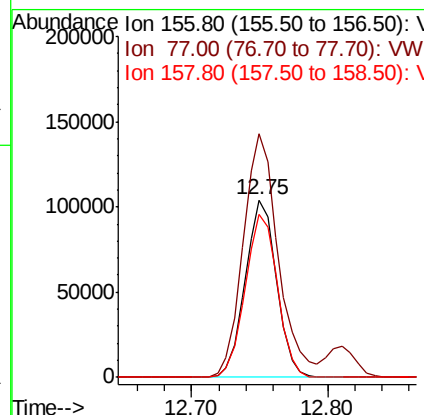
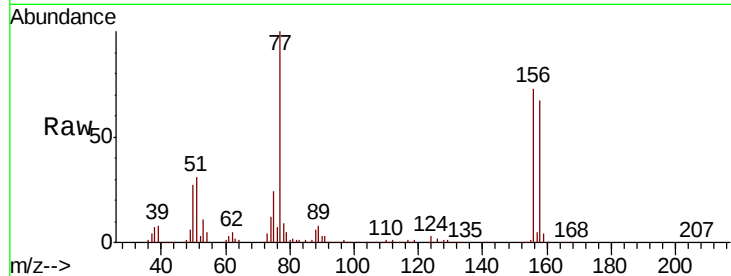
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		167438		
77	153.9	75.9	227.8		
158	94.6	48.6	145.9		

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#78

n-propylbenzene

Concen: 52.309 ug/l

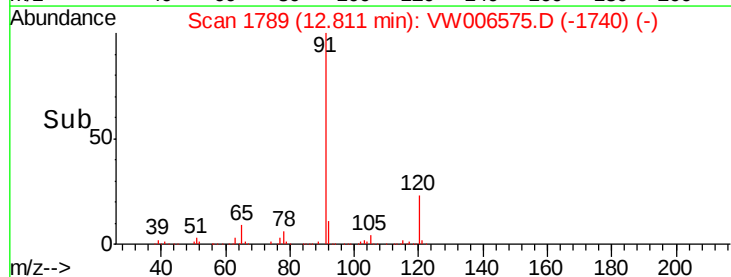
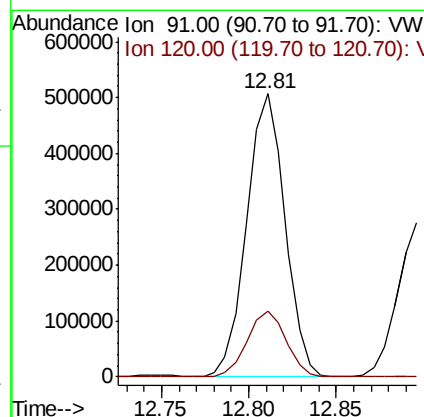
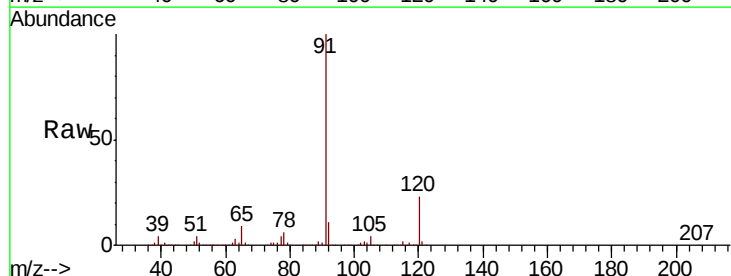
RT: 12.81 min Scan# 1789

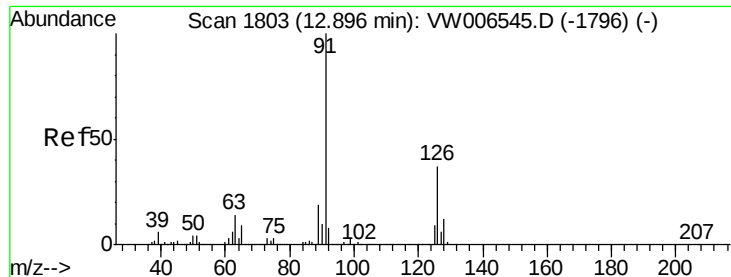
Delta R.T. 0.00 min

Lab File: VW006575.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		770877		
120	23.5	12.4	37.0		





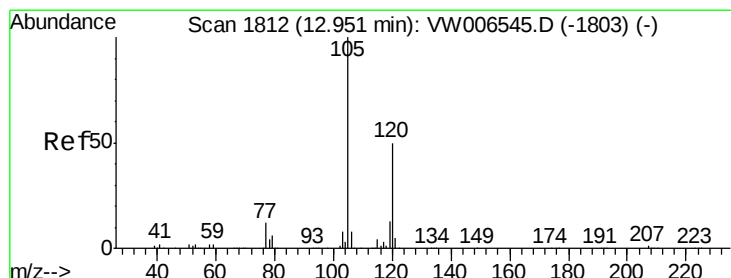
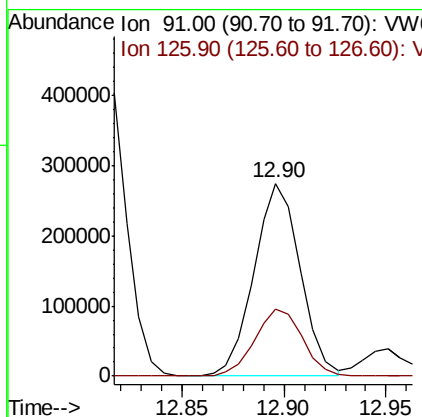
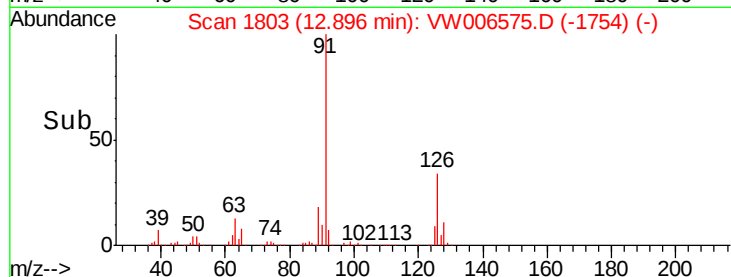
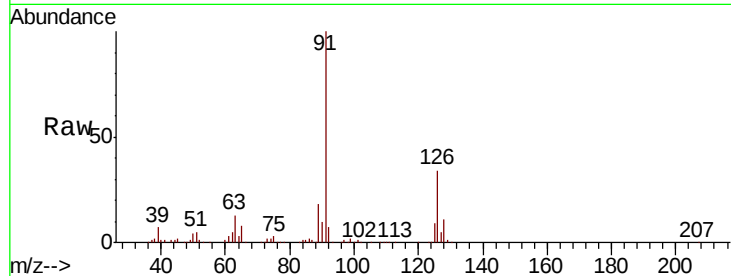
#79
 2-Chlorotoluene
 Concen: 51.095 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 432145
 Ion Ratio Lower Upper
 91 100
 126 35.7 18.5 55.5

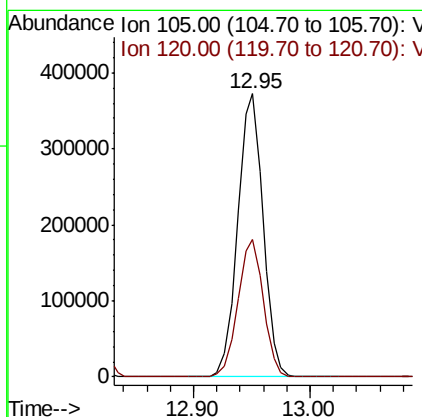
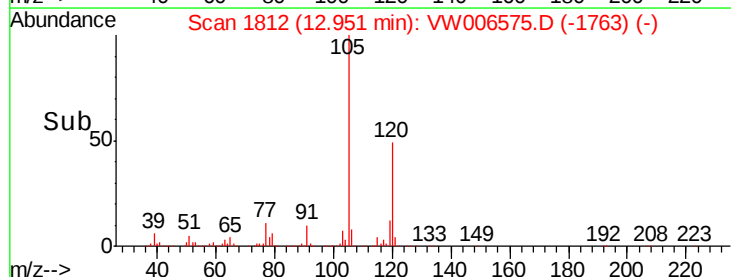
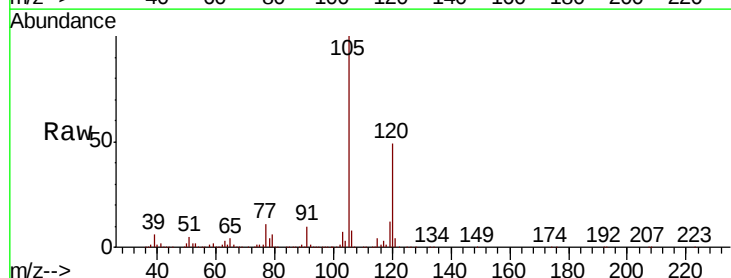
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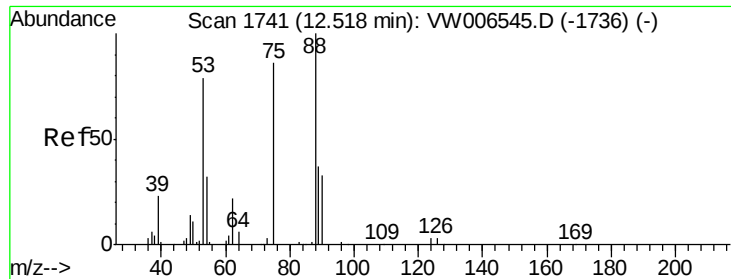
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.307 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 105 Resp: 563039
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.1 75.3





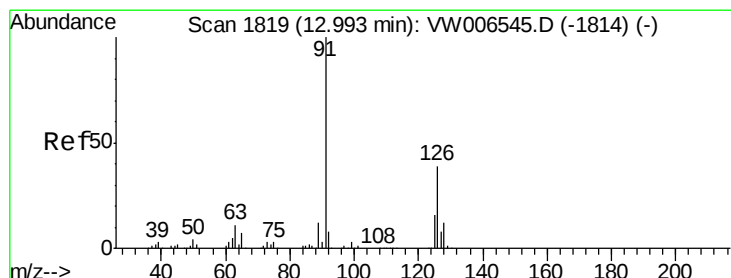
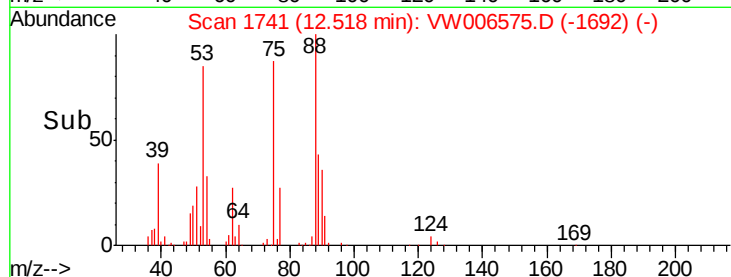
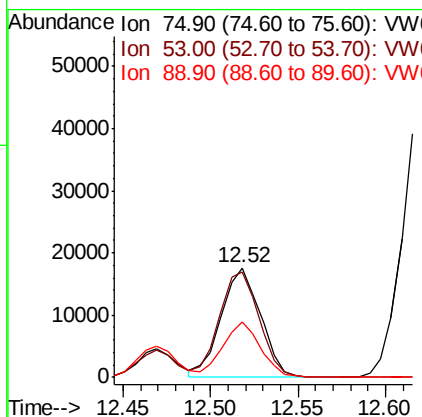
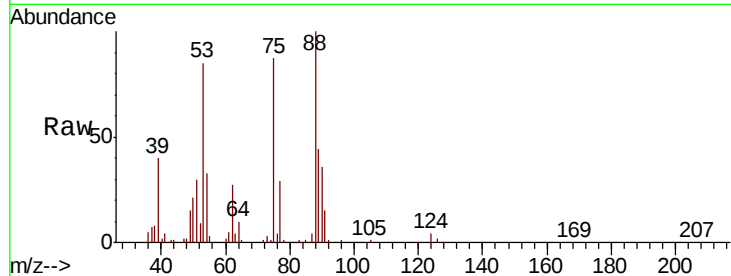
#81
trans-1,4-Dichloro-2-butene
Concen: 47.312 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	77.2	115.8
89	47.9	38.6	58.0

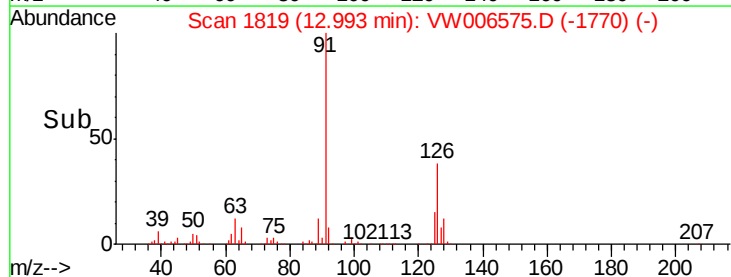
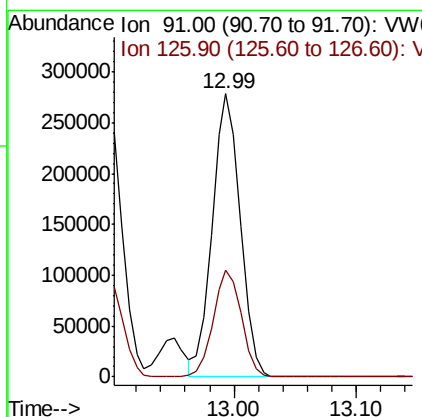
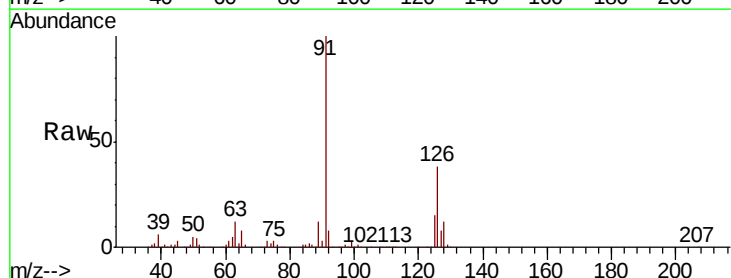
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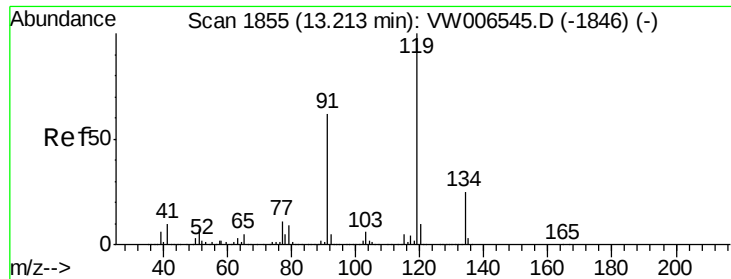
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#82
4-Chlorotoluene
Concen: 49.551 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.8	18.5	55.5





#83

tert-Butylbenzene

Concen: 51.825 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

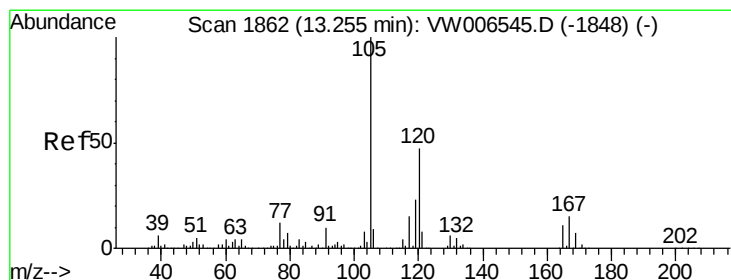
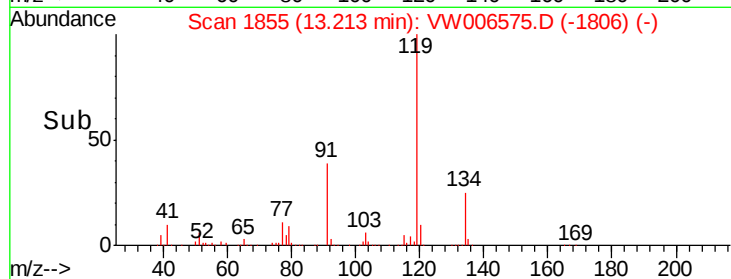
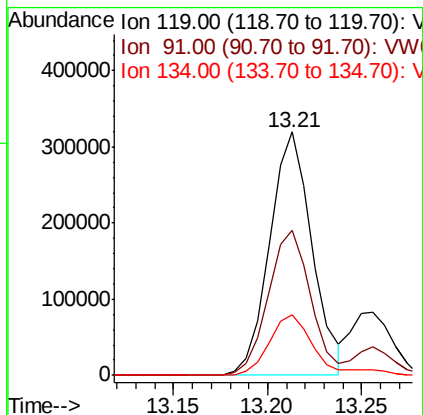
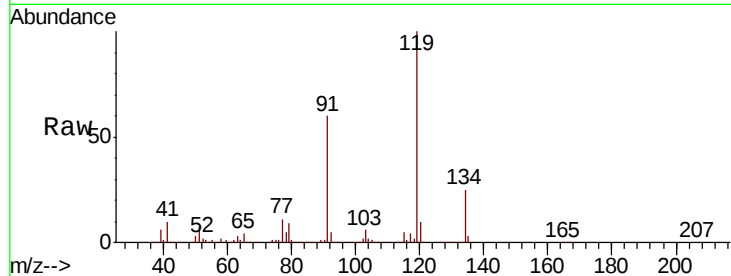
Instrument :
MSVOA_W

ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.9	30.4	91.3
134	26.7	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 50.297 ug/l

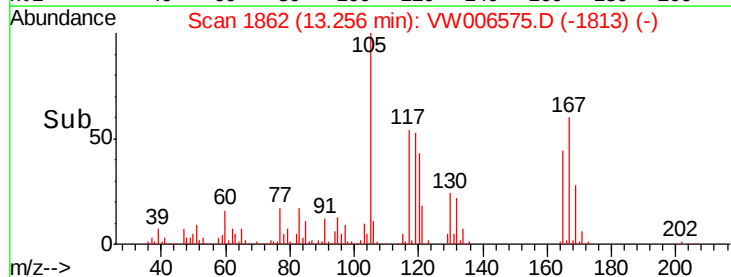
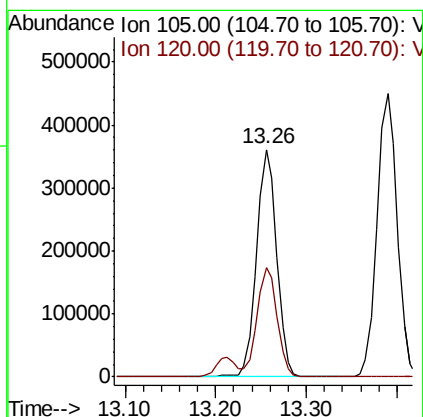
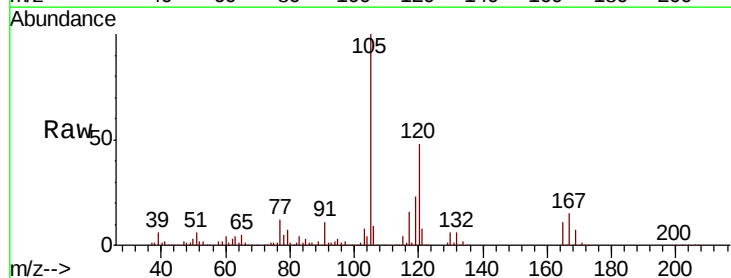
RT: 13.26 min Scan# 1862

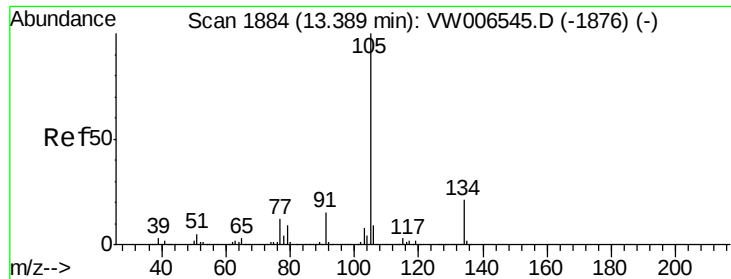
Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.2	69.6





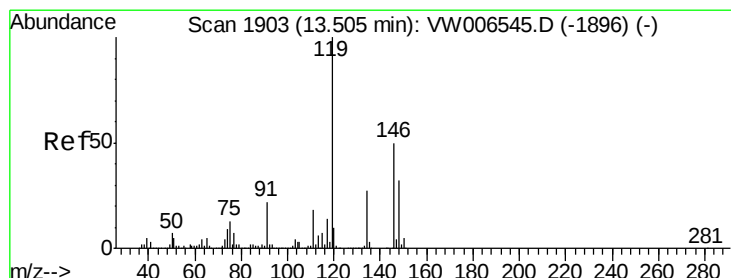
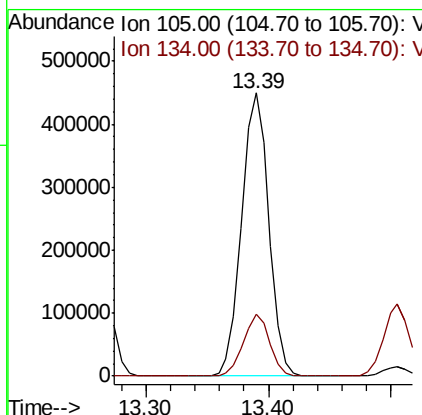
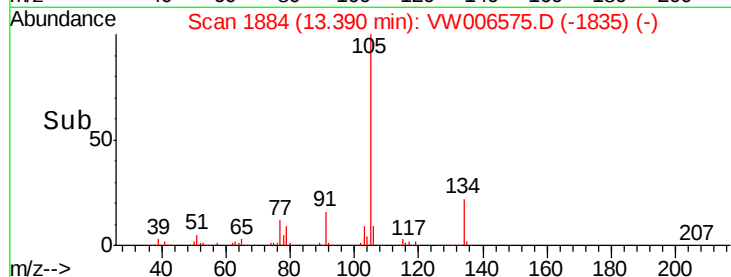
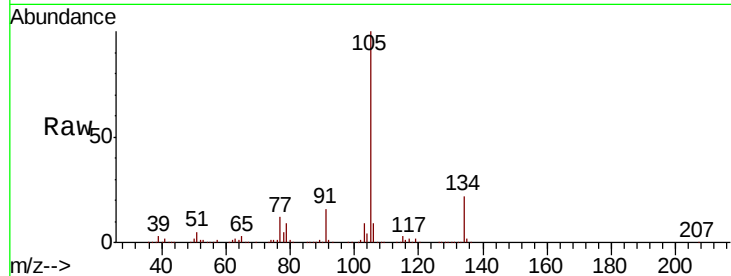
#85
 sec-Butylbenzene
 Concen: 51.479 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.6	31.8

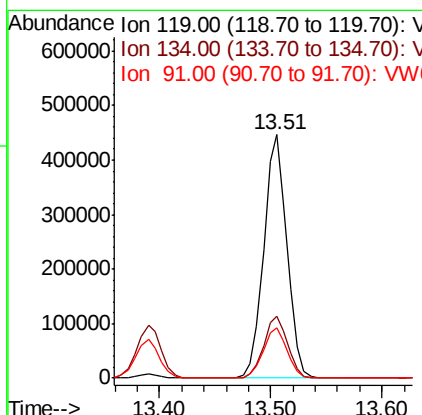
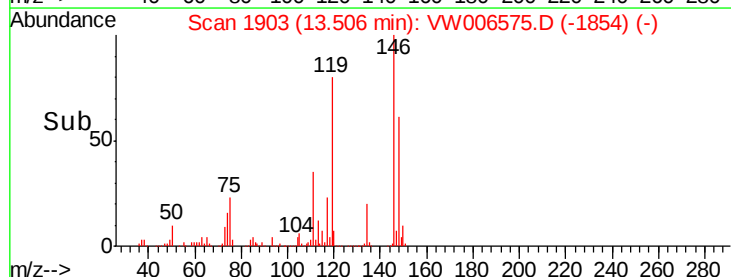
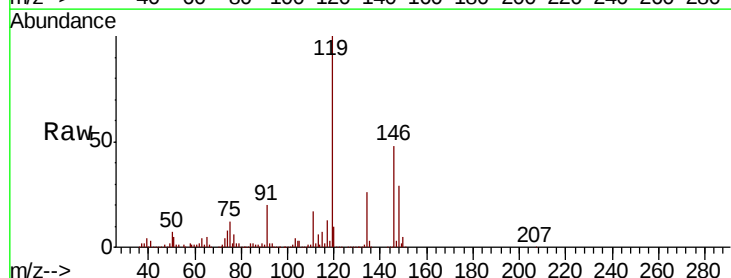
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#86
 p-Isopropyltoluene
 Concen: 52.744 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.6	40.7
91	21.3	10.9	32.6





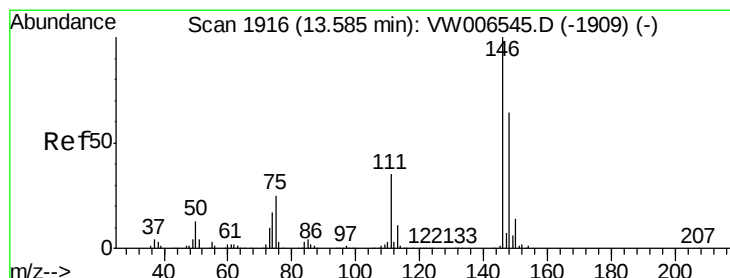
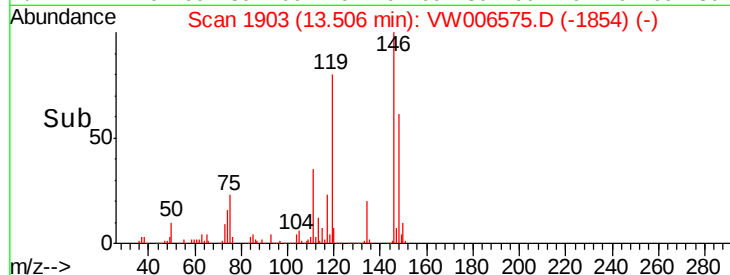
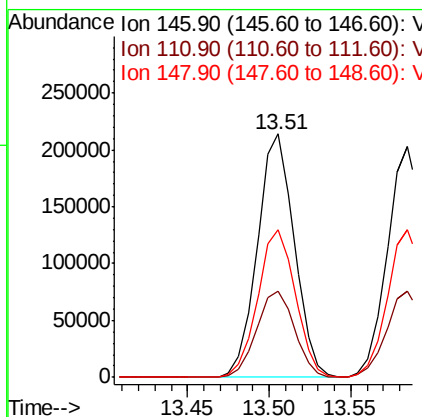
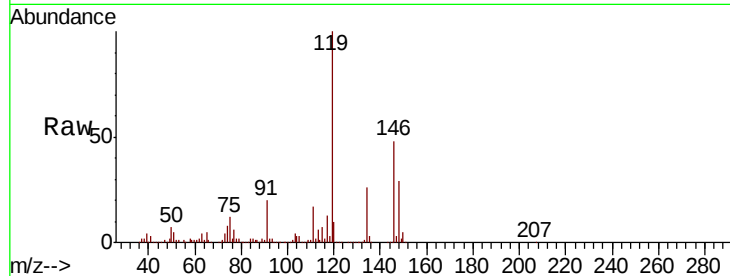
#87
 1,3-Dichlorobenzene
 Concen: 51.207 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	61.9	32.1	96.3

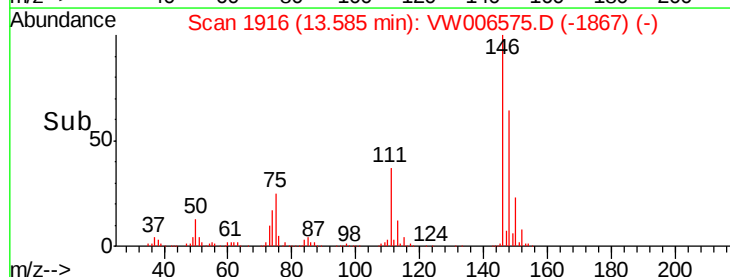
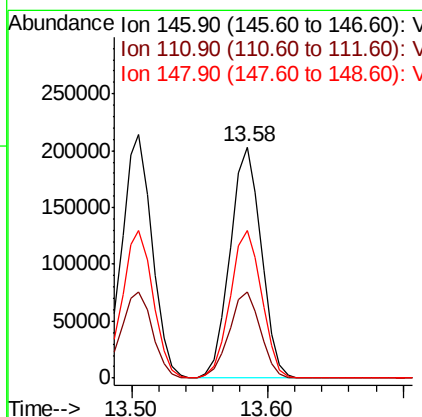
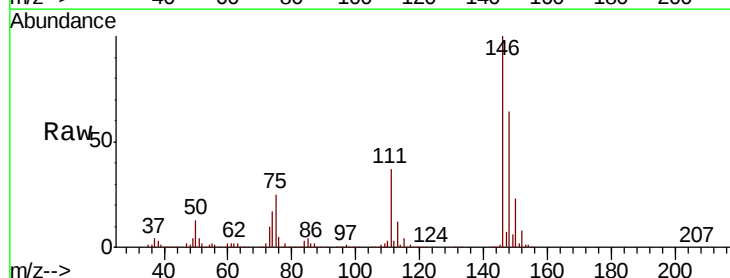
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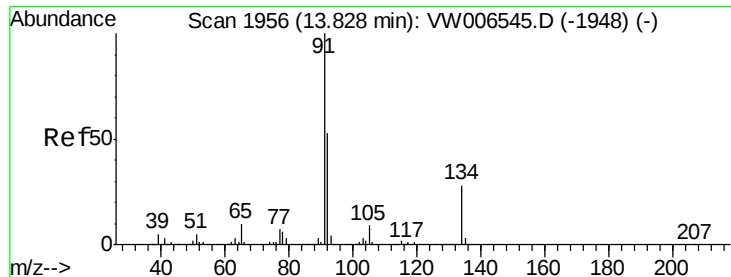
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#88
 1,4-Dichlorobenzene
 Concen: 50.036 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	17.9	53.7
148	64.2	32.1	96.5





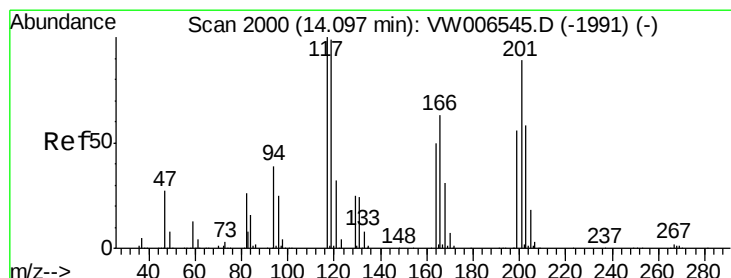
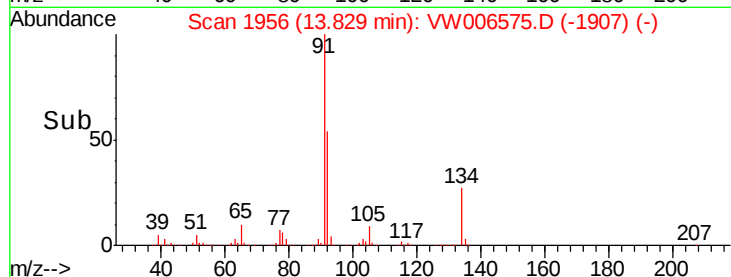
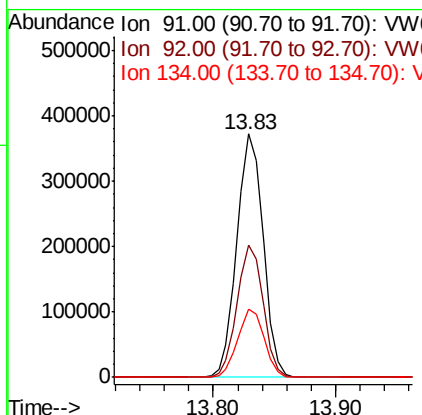
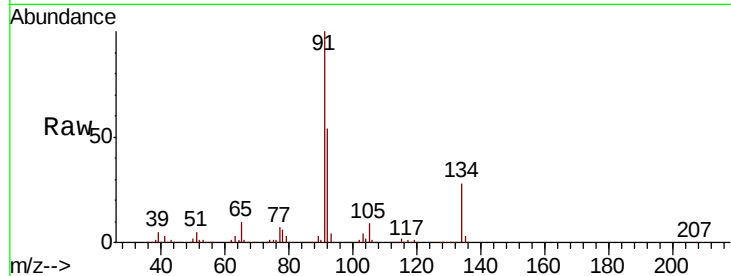
#89
n-Butylbenzene
Concen: 50.958 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.4	79.0
134	28.2	14.3	42.9

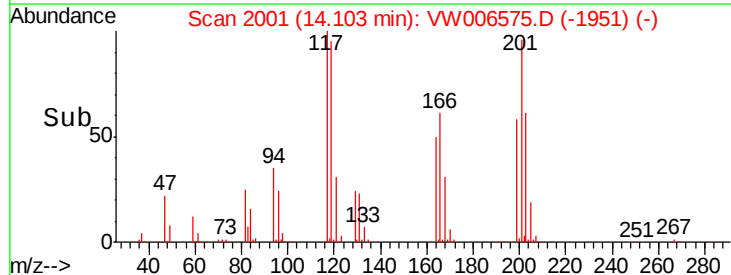
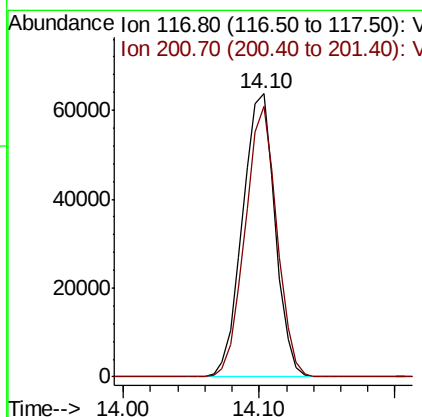
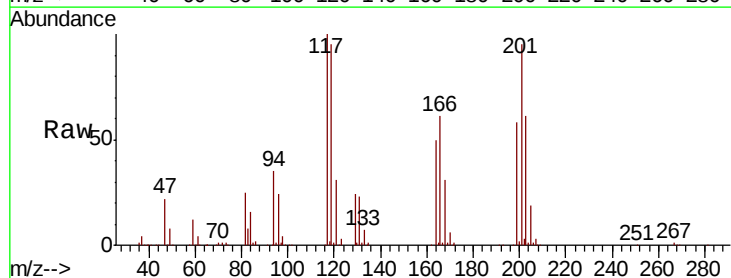
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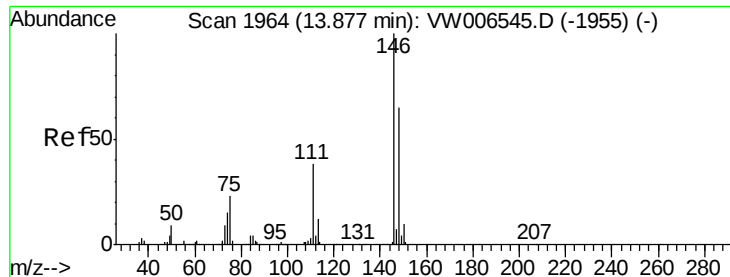
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#90
Hexachloroethane
Concen: 53.146 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.3	46.8	140.3





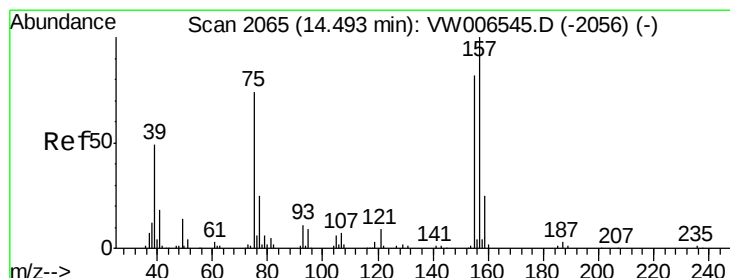
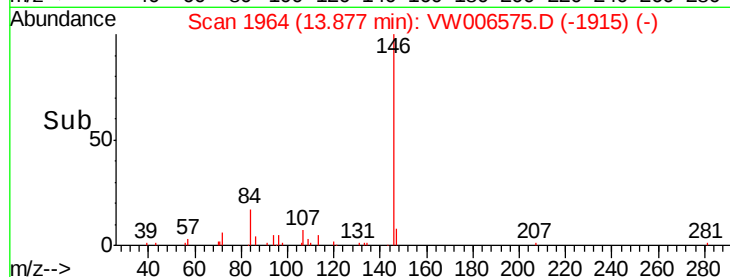
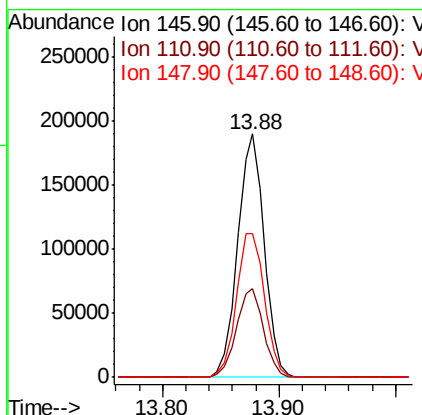
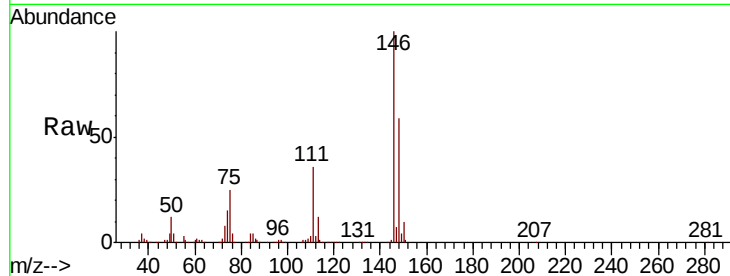
#91
 1,2-Dichlorobenzene
 Concen: 51.231 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.5
148	62.5	32.0	96.0

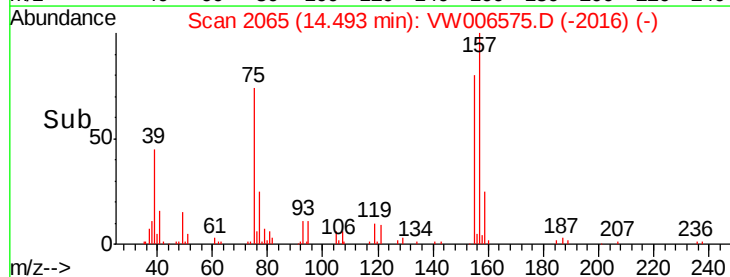
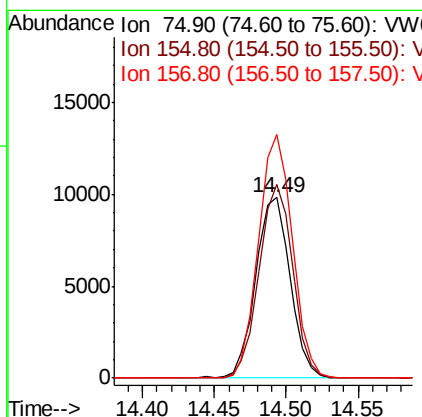
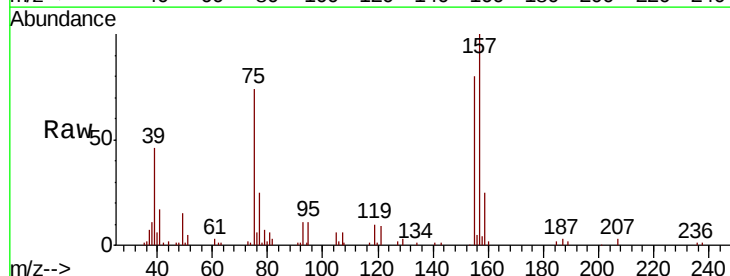
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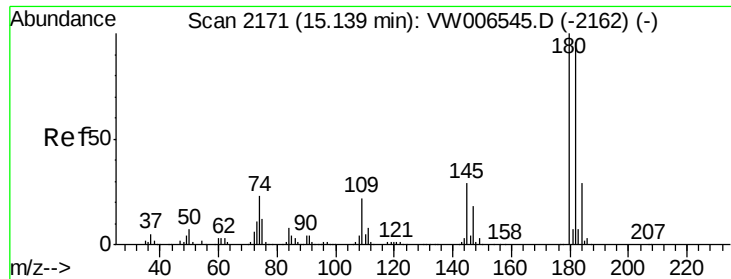
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.413 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.6	50.6	151.8
157	132.6	65.0	195.0





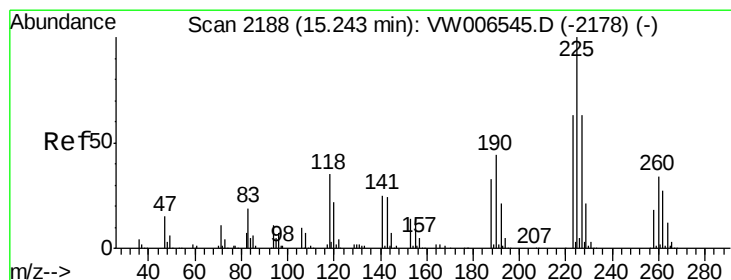
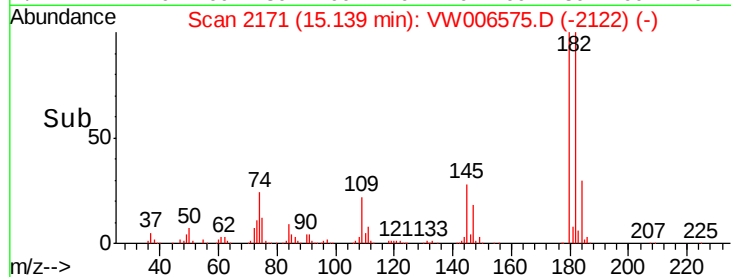
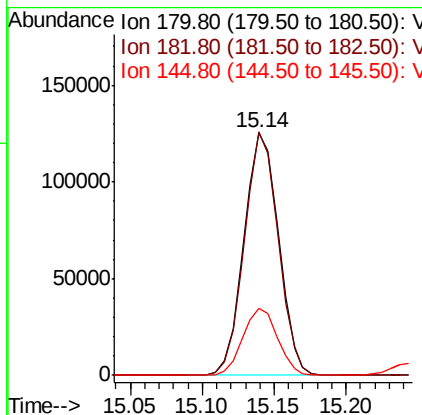
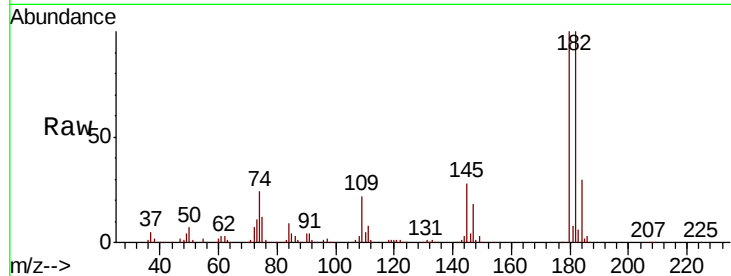
#93
 1,2,4-Trichlorobenzene
 Concen: 47.764 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	208713		
182	97.6	47.5	142.6	
145	27.8	14.0	42.0	

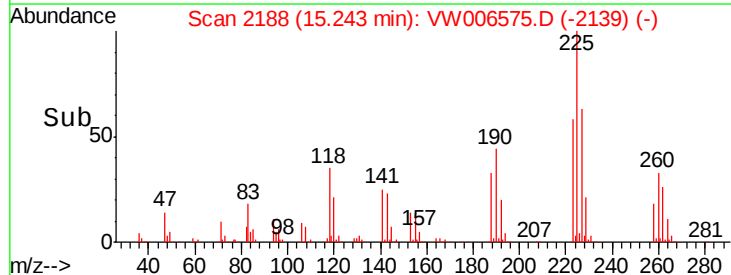
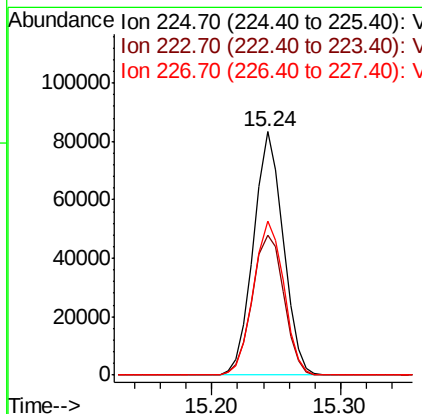
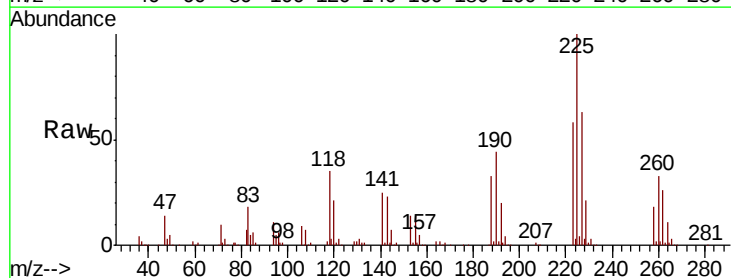
Manual Integrations
 APPROVED

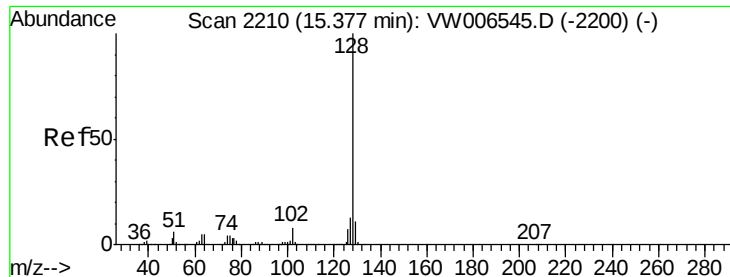
apatel
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#94
 Hexachlorobutadiene
 Concen: 48.715 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132669		
223	61.2	31.4	94.2	
227	64.7	32.2	96.6	





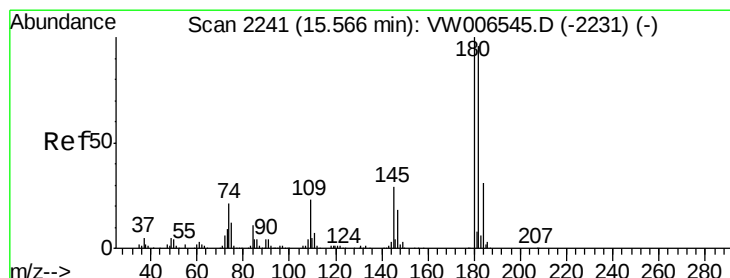
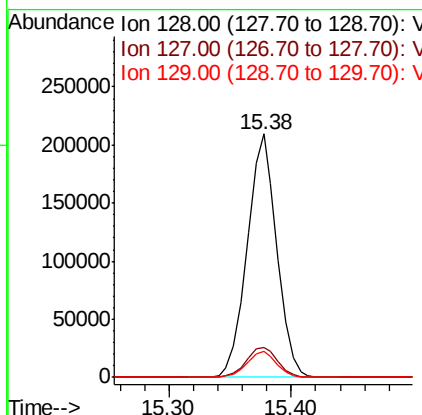
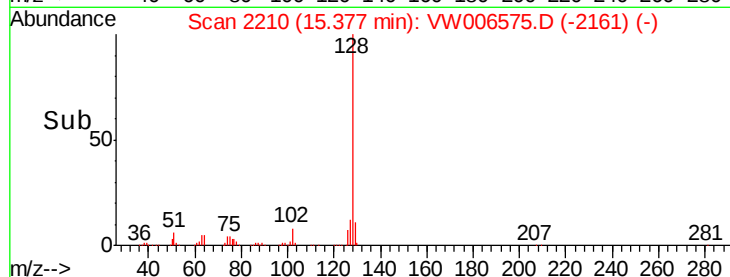
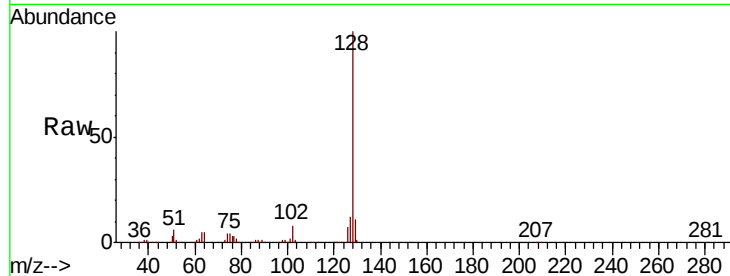
#95
Naphthalene
Concen: 49.980 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 47.908 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.2	144.6
145	30.4	14.9	44.5

