

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006948.D
 Acq On : 19 Nov 2018 17:36
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Nov 20 04:45:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	131478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	204534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	194348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	62139	42.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.82%	
35) Dibromofluoromethane	7.89	113	57986	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.33	98	259813	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.62	95	100713	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	60033	47.691	ug/l	96
3) Chloromethane	2.21	50	52193	46.059	ug/l	98
4) Vinyl Chloride	2.36	62	51355	47.808	ug/l	97
5) Bromomethane	2.78	94	28079	48.663	ug/l	98
6) Chloroethane	2.92	64	29267	49.473	ug/l	98
7) Trichlorofluoromethane	3.27	101	98835	47.274	ug/l	100
8) Diethyl Ether	3.69	74	30950	40.909	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	62468	46.268	ug/l	98
10) Methyl Iodide	4.28	142	76317	45.984	ug/l	99
11) Tert butyl alcohol	5.21	59	18880	169.370	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	55725	46.003	ug/l	99
13) Acrolein	3.90	56	29236	289.245	ug/l	99
14) Allyl chloride	4.68	41	93166	43.721	ug/l	99
15) Acrylonitrile	5.38	53	63794	216.652	ug/l	99
16) Acetone	4.14	43	46638	208.092	ug/l	94
17) Carbon Disulfide	4.38	76	179421	46.820	ug/l	99
18) Methyl Acetate	4.68	43	30855	37.620	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	152925	43.065	ug/l	97
20) Methylene Chloride	4.92	84	71410	45.993	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	63243	43.768	ug/l	97
22) Diisopropyl ether	6.32	45	187622	43.135	ug/l	99
23) Vinyl Acetate	6.26	43	495896	205.885	ug/l	99
24) 1,1-Dichloroethane	6.22	63	110241	44.016	ug/l	99
25) 2-Butanone	7.18	43	78514	210.937	ug/l	99
26) 2,2-Dichloropropane	7.17	77	97678	44.697	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	69896	43.506	ug/l	99
28) Bromochloromethane	7.52	49	38202	41.529	ug/l #	100
29) Tetrahydrofuran	7.54	42	50873	210.165	ug/l	99
30) Chloroform	7.68	83	116316	42.361	ug/l	99
31) Cyclohexane	7.96	56	112758	44.939	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	107428	45.446	ug/l	99
36) 1,1-Dichloropropene	8.09	75	96937	49.749	ug/l	99
37) Ethyl Acetate	7.26	43	34548	41.701	ug/l	99
38) Carbon Tetrachloride	8.07	117	93361	48.754	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	123666	51.140	ug/l	98
40) Benzene	8.33	78	267339	48.545	ug/l	100
41) Methacrylonitrile	7.49	41	24008	47.313	ug/l	98
42) 1,2-Dichloroethane	8.40	62	74006	44.891	ug/l	99
43) Isopropyl Acetate	8.43	43	67864	42.691	ug/l	98
44) Trichloroethene	9.10	130	73350	49.538	ug/l	100
45) 1,2-Dichloropropane	9.37	63	65393	47.010	ug/l	99
46) Dibromomethane	9.46	93	32518	46.160	ug/l	97
47) Bromodichloromethane	9.65	83	86770	46.777	ug/l	98
48) Methyl methacrylate	9.44	41	33720	43.959	ug/l	97
49) 1,4-Dioxane	9.47	88	10144	950.249	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	178995	228.463	ug/l	98
52) Toluene	10.39	92	188149	51.069	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	84876	46.820	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	102314	47.162	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	47761	45.981	ug/l	94
56) Ethyl methacrylate	10.65	69	58959	45.655	ug/l	96
57) 1,3-Dichloropropane	10.93	76	82206	46.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	142482	224.421	ug/l	98
59) 2-Hexanone	10.97	43	128761	245.560	ug/l	98
60) Dibromochloromethane	11.13	129	56747	47.908	ug/l	98
61) 1,2-Dibromoethane	11.24	107	45642	47.279	ug/l	99
64) Tetrachloroethene	10.87	164	62070	49.613	ug/l	95
65) Chlorobenzene	11.66	112	206518	50.325	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	61104	46.724	ug/l	100
67) Ethyl Benzene	11.74	91	376145	50.839	ug/l	98
68) m/p-Xylenes	11.84	106	291537	101.188	ug/l	100
69) o-Xylene	12.17	106	136911	50.068	ug/l	99
70) Styrene	12.18	104	225257	51.225	ug/l	99
71) Bromoform	12.35	173	29711	48.733	ug/l #	100
73) Isopropylbenzene	12.47	105	379627	49.885	ug/l	100
74) N-amyl acetate	12.27	43	65216	42.819	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	52281	46.704	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	40928m	53.000	ug/l	
77) Bromobenzene	12.75	156	81273	50.389	ug/l	97
78) n-propylbenzene	12.81	91	453925	49.640	ug/l	99
79) 2-Chlorotoluene	12.90	91	260750	48.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	325976	49.746	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15584	45.938	ug/l	98
82) 4-Chlorotoluene	12.99	91	277842	49.174	ug/l	99
83) tert-Butylbenzene	13.21	119	280303	50.371	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	325206	49.401	ug/l	99
85) sec-Butylbenzene	13.39	105	400149	50.396	ug/l	100
86) p-Isopropyltoluene	13.51	119	353001	50.868	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	165732	50.250	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	163984	49.888	ug/l	100
89) n-Butylbenzene	13.83	91	336198	51.181	ug/l	99
90) Hexachloroethane	14.10	117	52512	46.417	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	146665	49.731	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8810	45.480	ug/l	94

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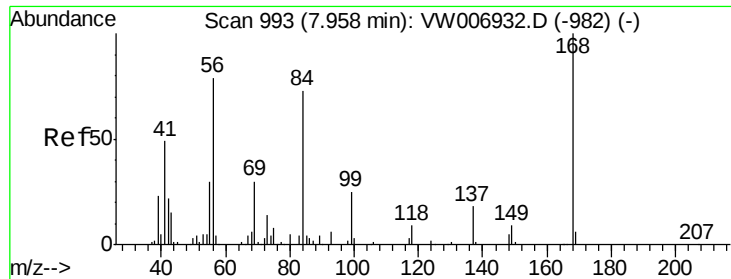
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	94369	50.857	ug/l	100
94) Hexachlorobutadiene	15.24	225	50688	51.712	ug/l	99
95) Naphthalene	15.38	128	176168	49.274	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	80018	50.303	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. -0.01 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 131478

Ion Ratio Lower Upper

168 100

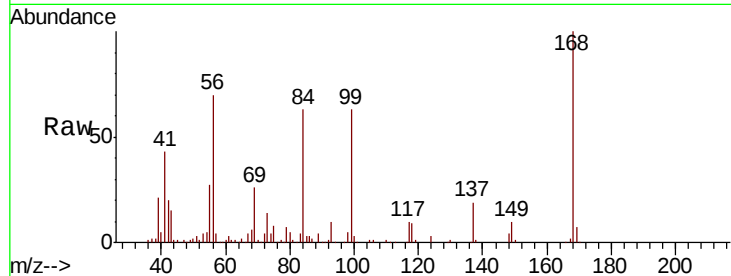
99 62.7 49.3 73.9

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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

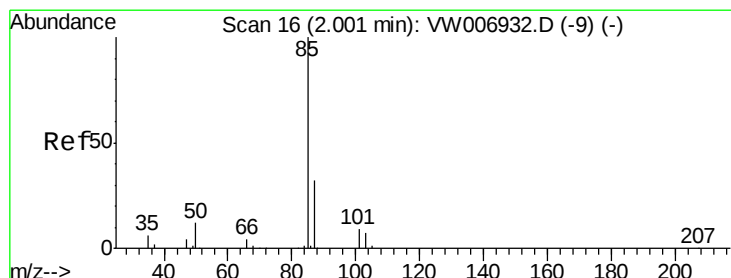
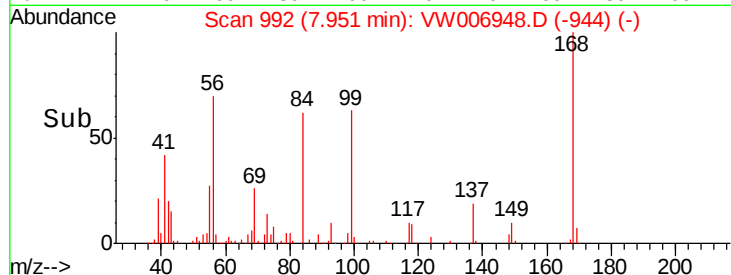
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.691 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006948.D

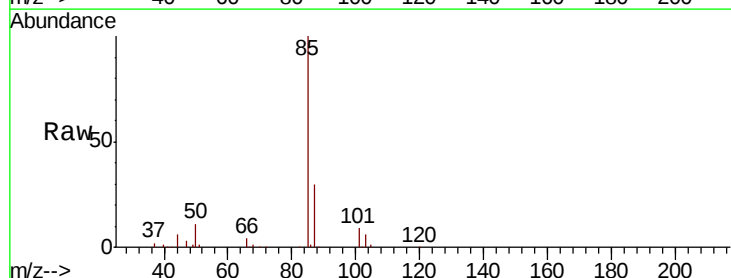
Acq: 19 Nov 2018 17:36

Tgt Ion: 85 Resp: 60033

Ion Ratio Lower Upper

85 100

87 29.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

50000

40000

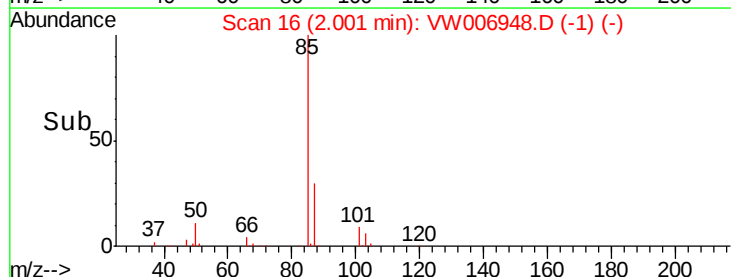
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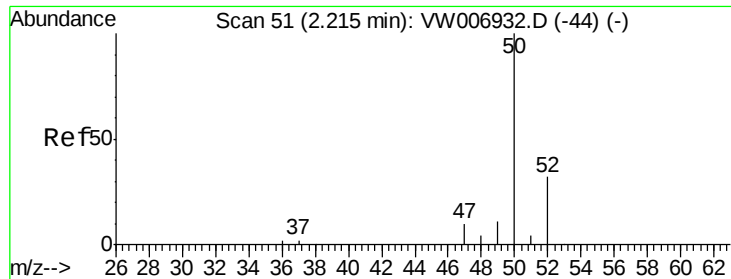
20000

10000

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Time-->





#3

Chloromethane

Concen: 46.059 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 52193

Ion Ratio Lower Upper

50 100

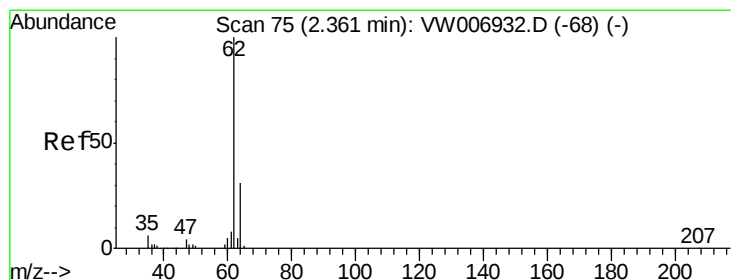
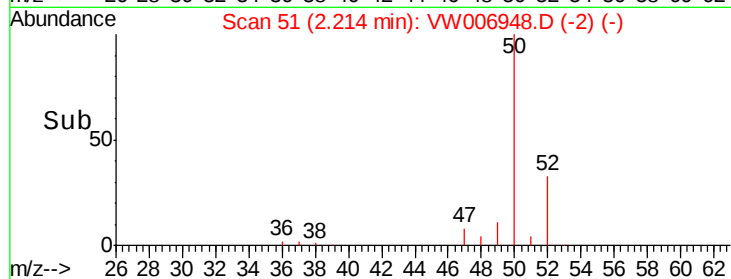
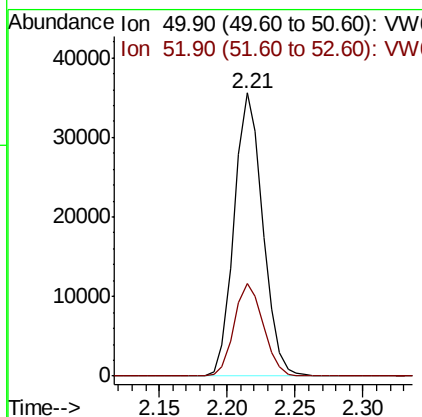
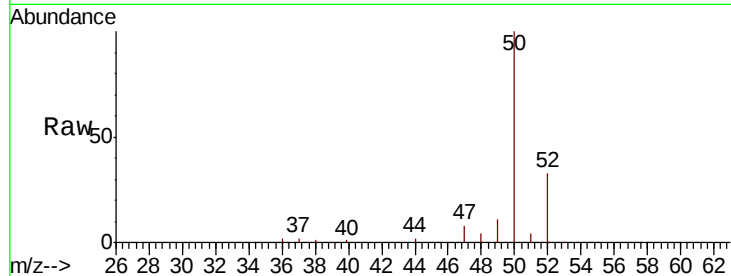
52 32.9 25.4 38.2

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#4

Vinyl Chloride

Concen: 47.808 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006948.D

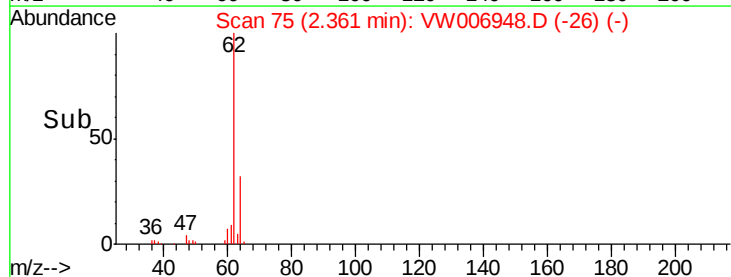
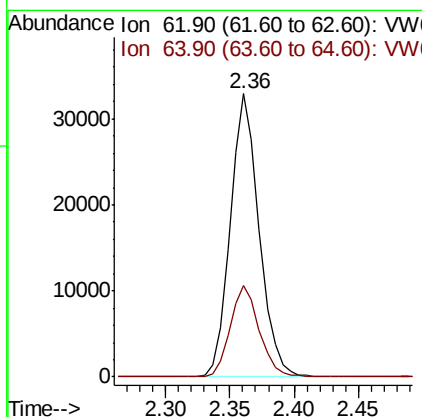
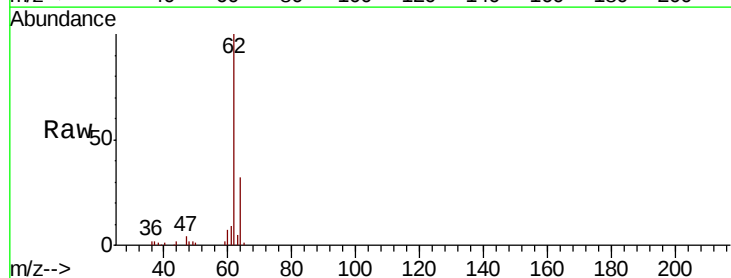
Acq: 19 Nov 2018 17:36

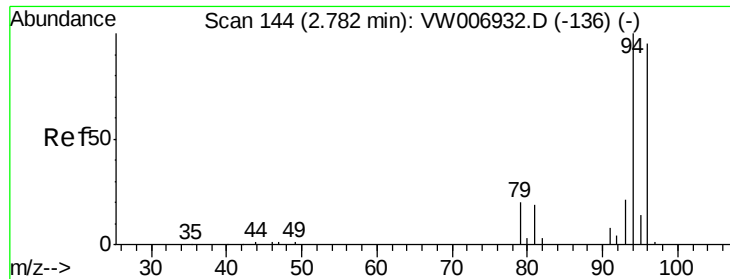
Tgt Ion: 62 Resp: 51355

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0





#5

Bromomethane

Concen: 48.663 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

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VSTDCCC050

Tot Ion: 94 Resp: 28079

Ion Ratio Lower Upper

94 100

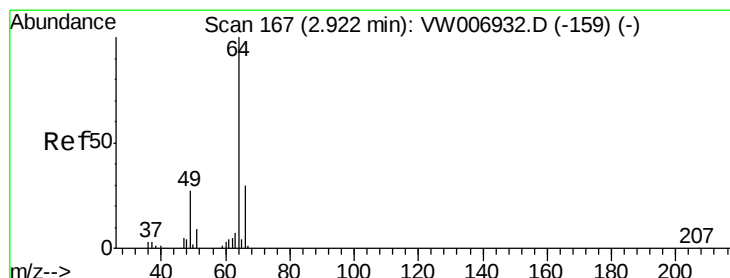
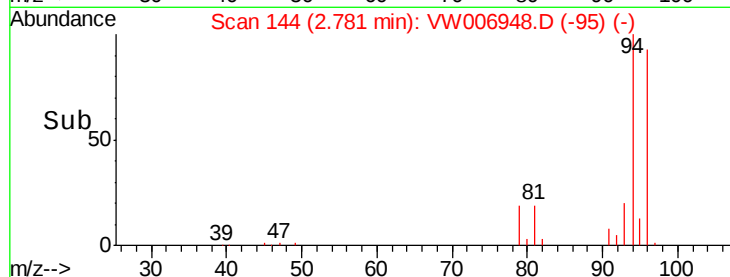
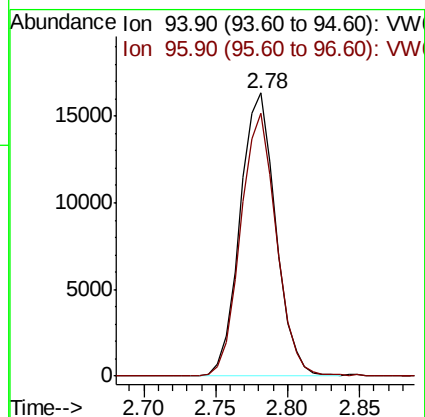
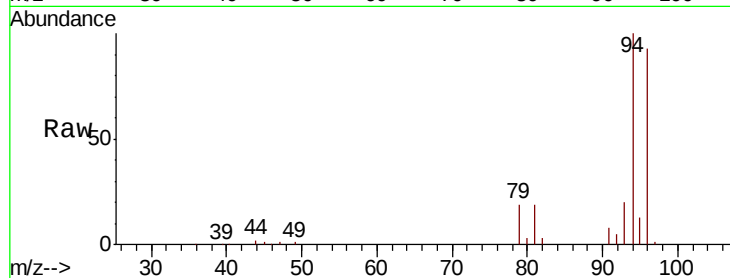
96 93.0 76.2 114.4

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#6

Chloroethane

Concen: 49.473 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006948.D

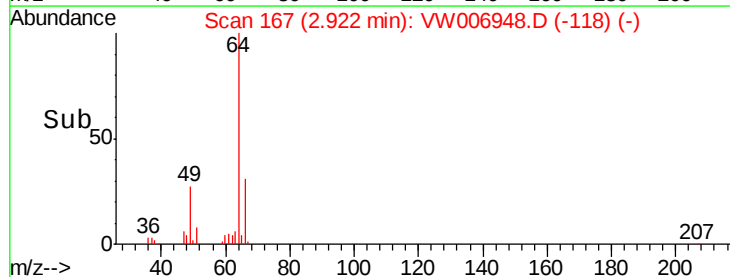
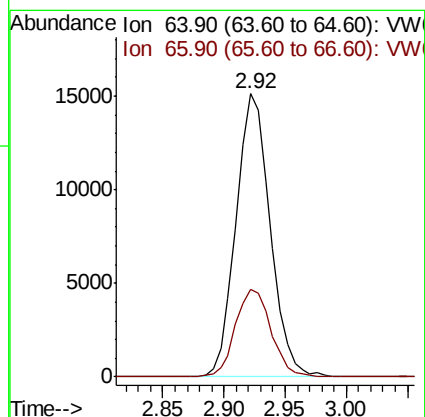
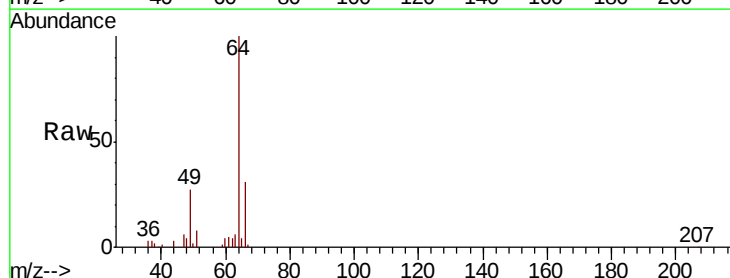
Acq: 19 Nov 2018 17:36

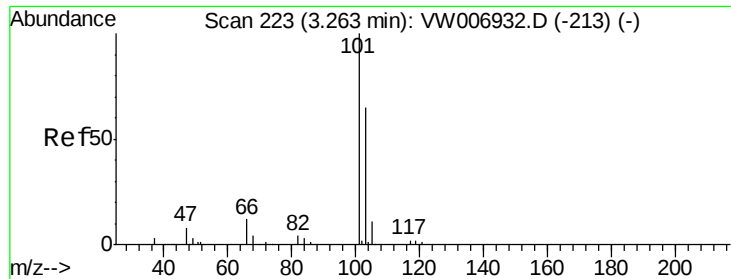
Tgt Ion: 64 Resp: 29267

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0





#7

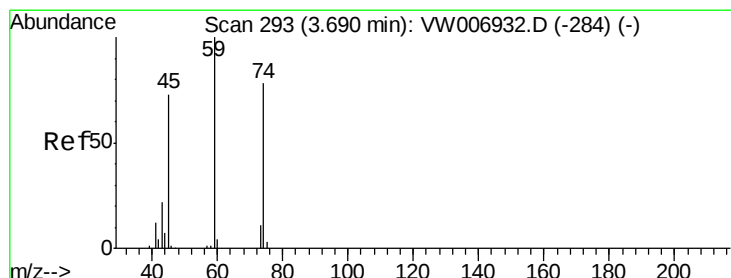
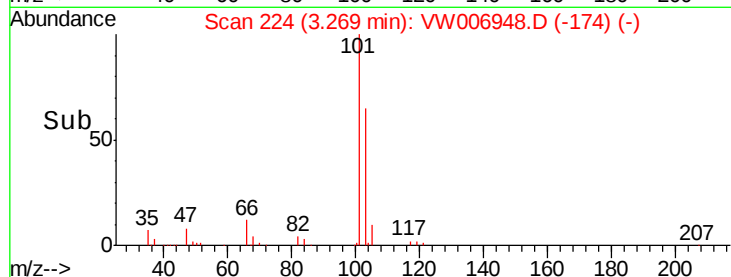
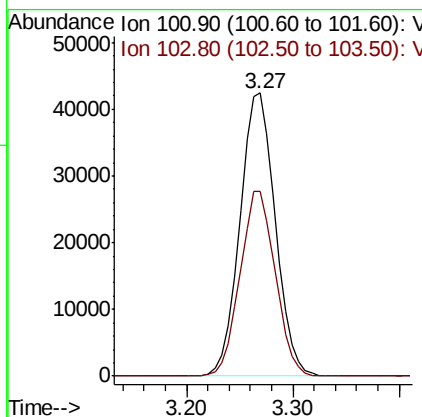
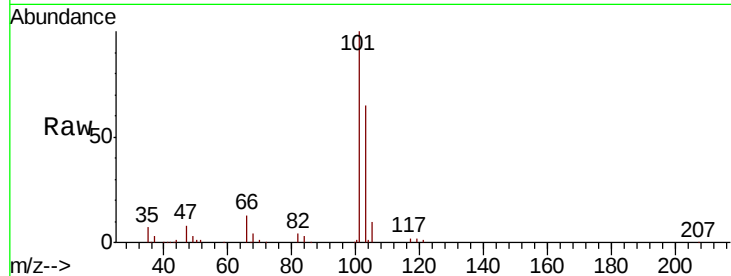
Trichlorofluoromethane
 Concen: 47.274 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.2	78.2

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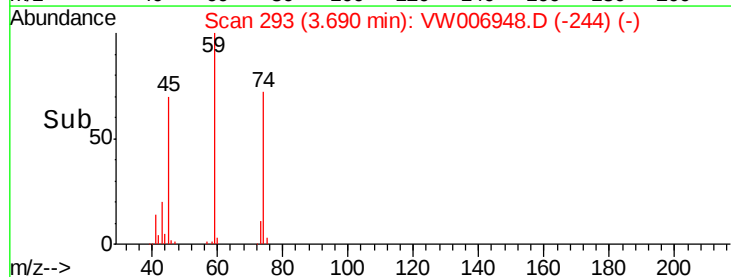
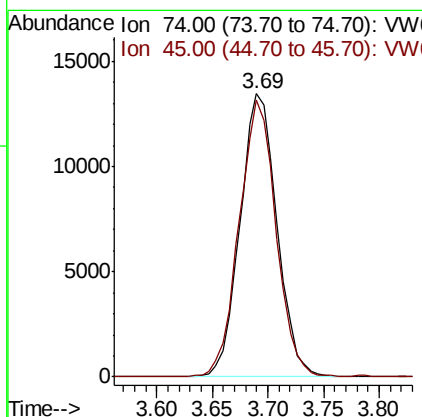
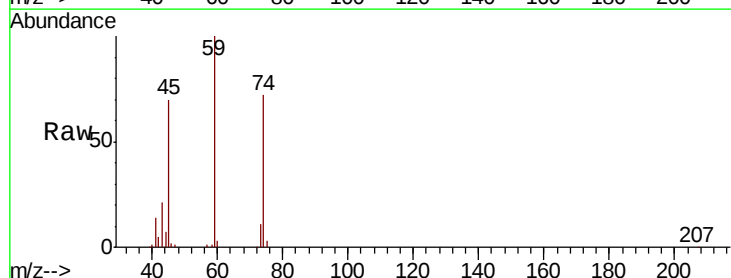
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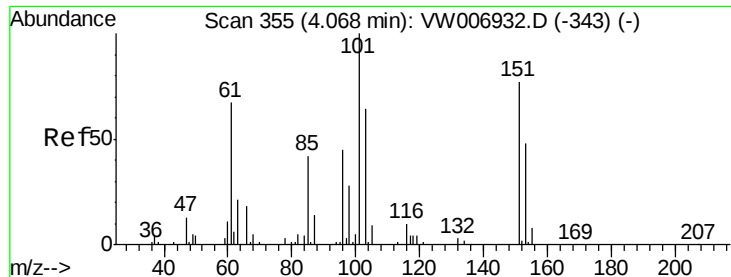


#8

Diethyl Ether
 Concen: 40.909 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.268 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006948.D

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Instrument :

MSVOA_W

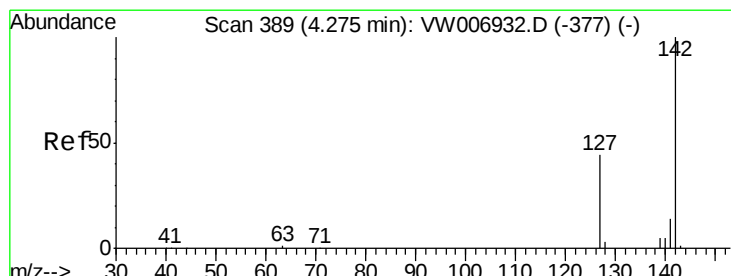
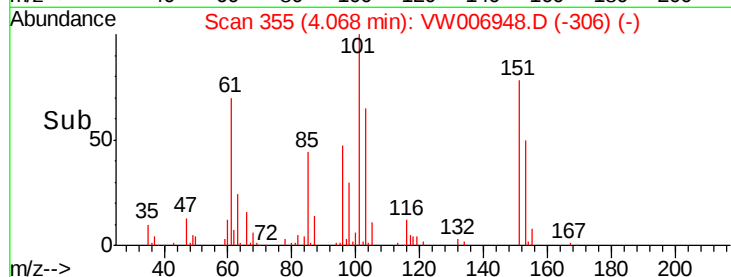
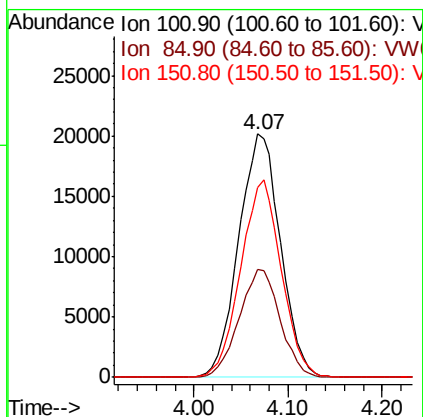
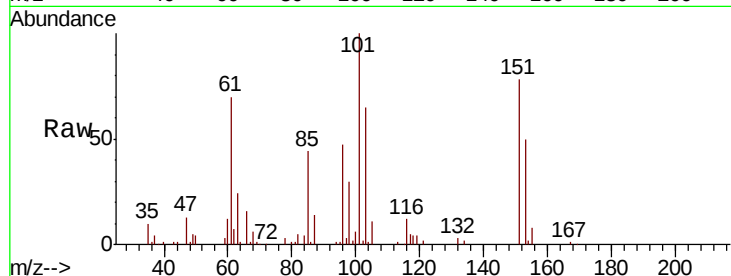
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	62468
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.5	51.7
151	79.0	61.5	92.3

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#10

Methyl Iodide

Concen: 45.984 ug/l

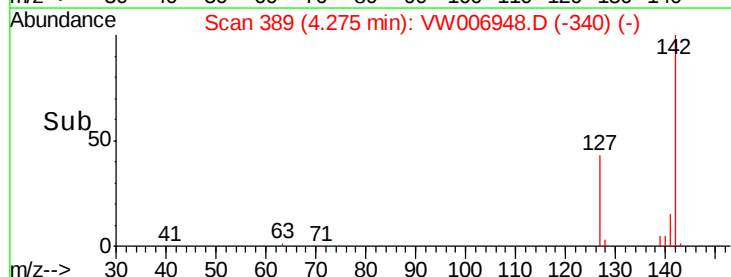
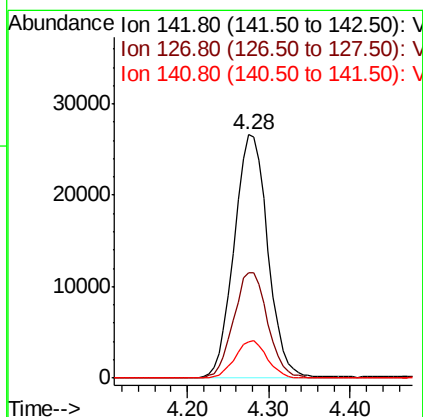
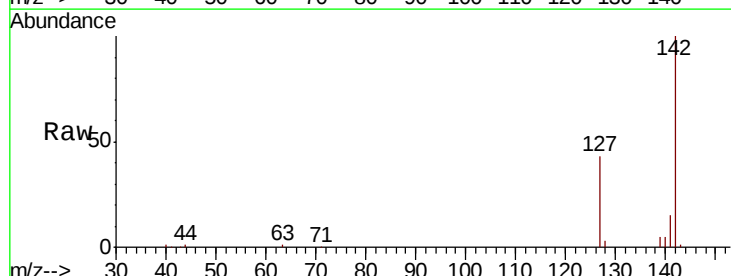
RT: 4.28 min Scan# 389

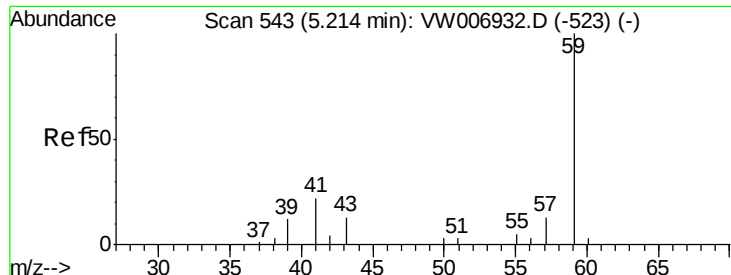
Delta R.T. 0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Tgt Ion:	142	Resp:	76317
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.4	51.6
141	14.7	11.5	17.3





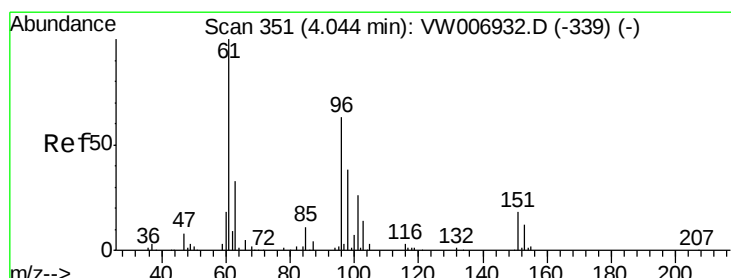
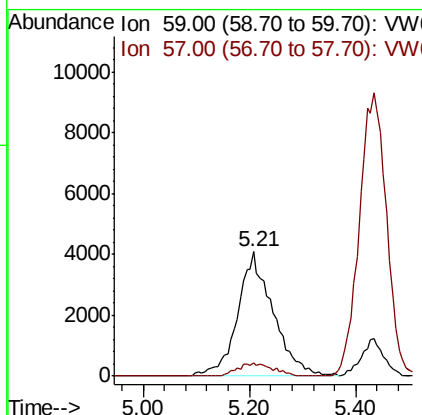
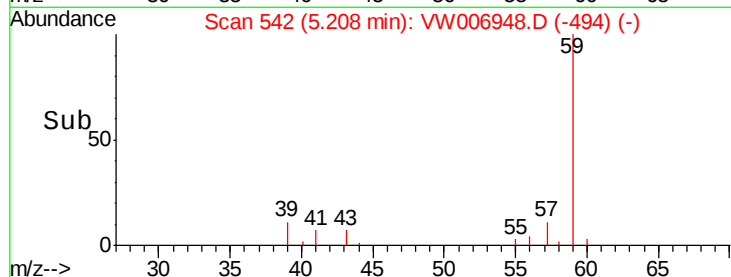
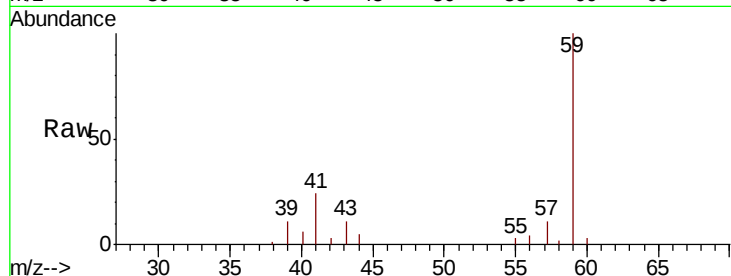
#11
Tert butyl alcohol
Concen: 169.370 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 18880
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

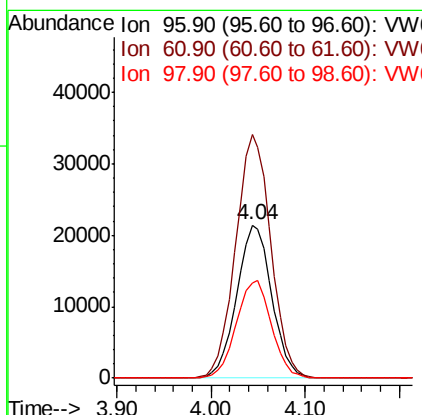
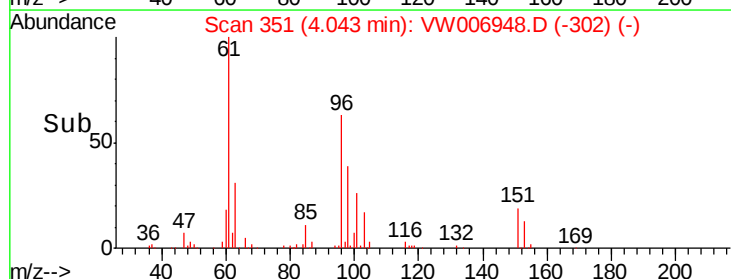
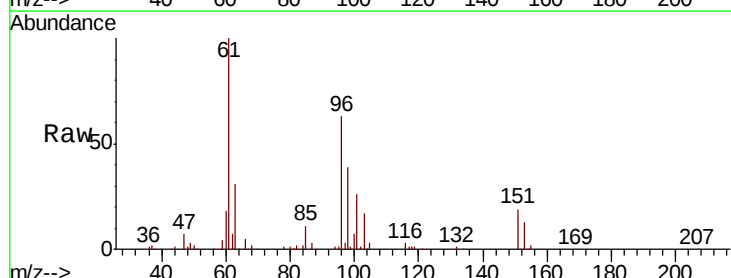
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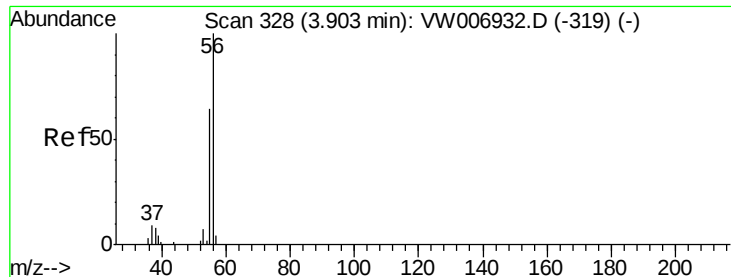
apatel
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#12
1,1-Dichloroethene
Concen: 46.003 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 96 Resp: 55725
Ion Ratio Lower Upper
96 100
61 158.8 127.8 191.8
98 62.0 48.3 72.5





#13

Acrolein

Concen: 289.245 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 29236

Ion Ratio Lower Upper

56 100

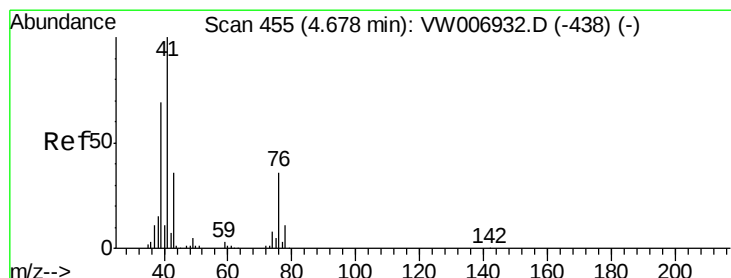
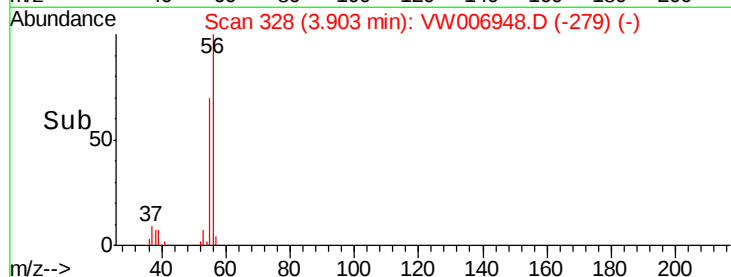
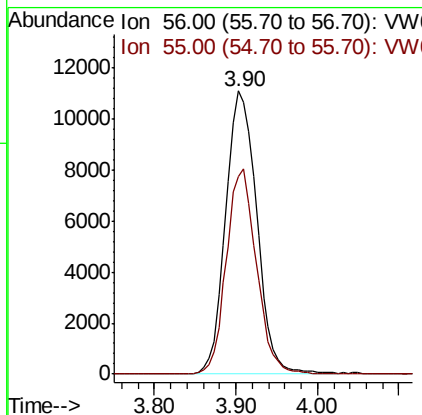
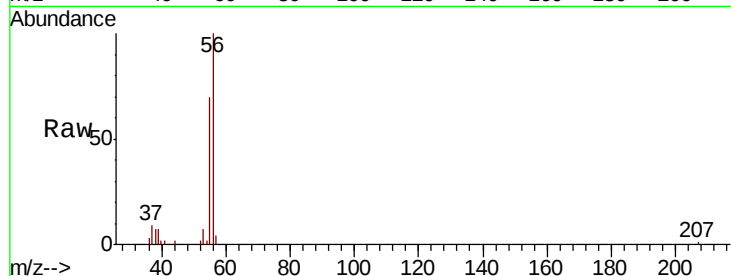
55 70.0 56.5 84.7

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#14

Allyl chloride

Concen: 43.721 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

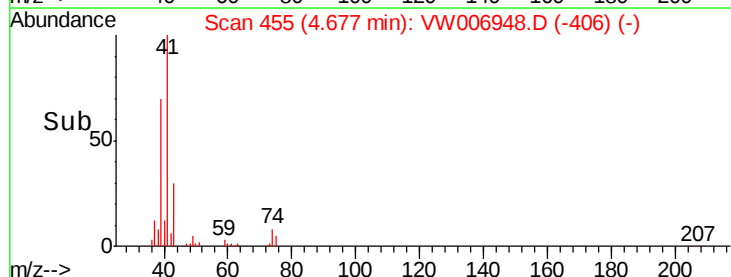
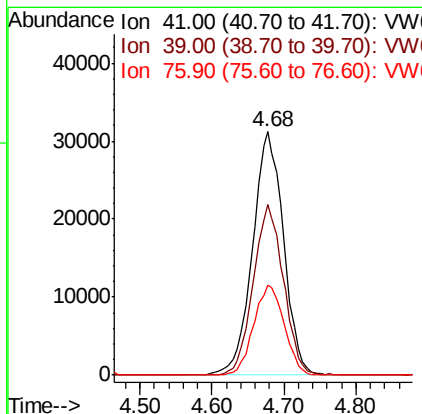
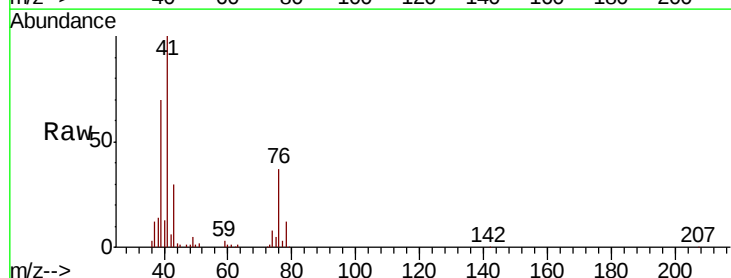
Tgt Ion: 41 Resp: 93166

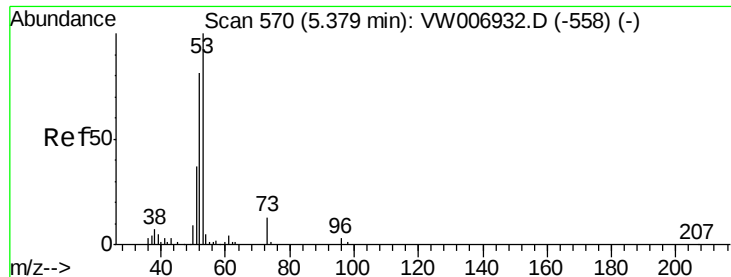
Ion Ratio Lower Upper

41 100

39 68.4 55.0 82.4

76 36.4 28.0 42.0





#15

Acrylonitrile

Concen: 216.652 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

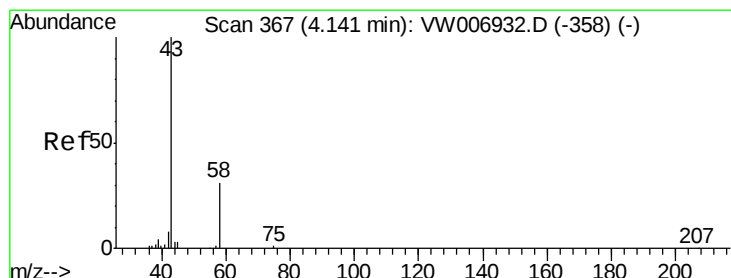
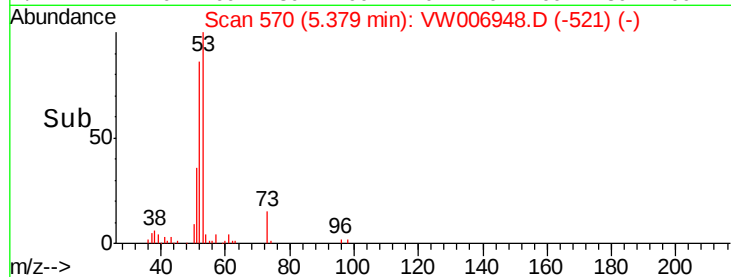
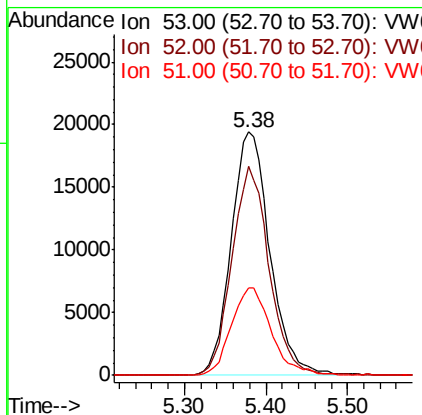
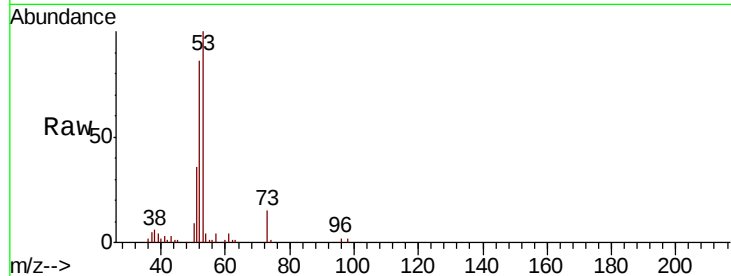
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	63794
Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.0	100.6
51	37.2	29.8	44.6

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#16

Acetone

Concen: 208.092 ug/l

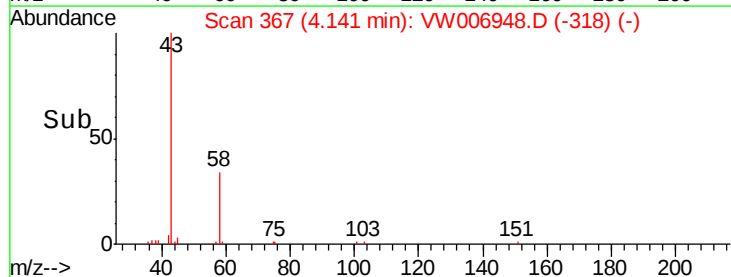
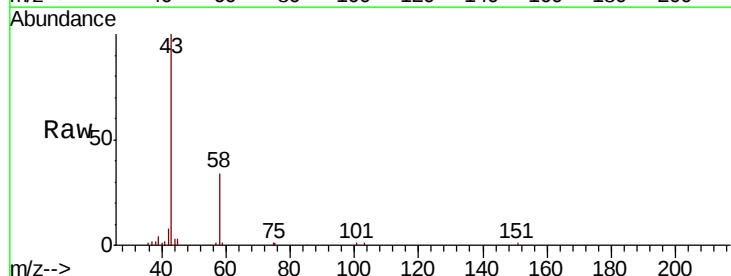
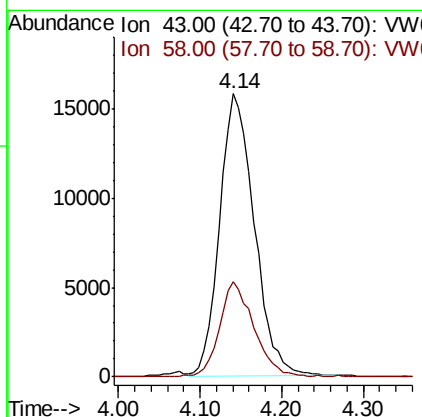
RT: 4.14 min Scan# 367

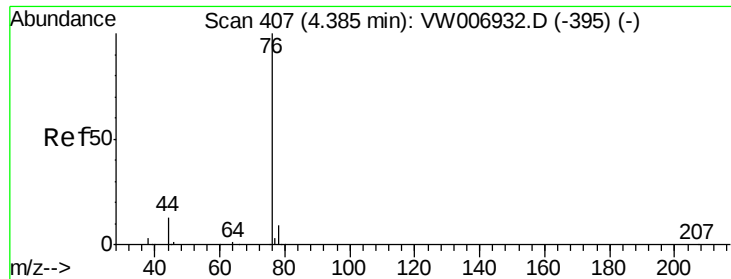
Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Tgt Ion:	43	Resp:	46638
Ion	Ratio	Lower	Upper
43	100		
58	33.4	24.2	36.4





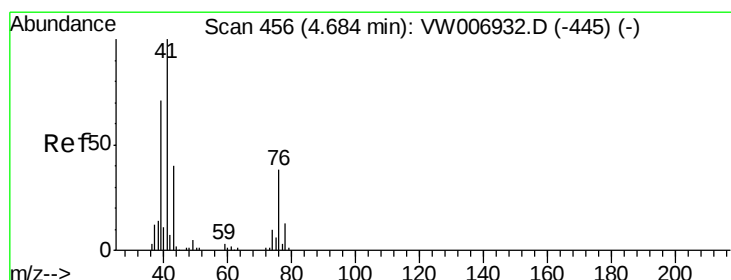
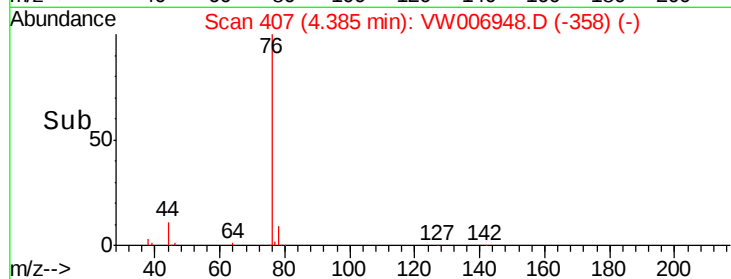
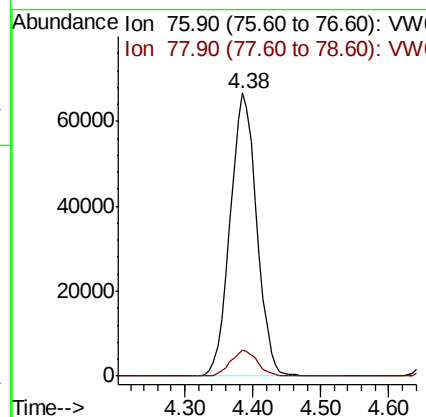
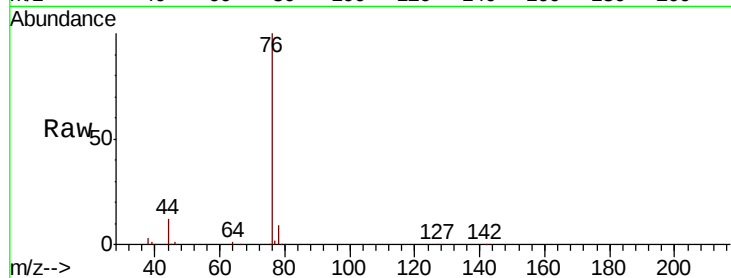
#17
Carbon Disulfide
Concen: 46.820 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

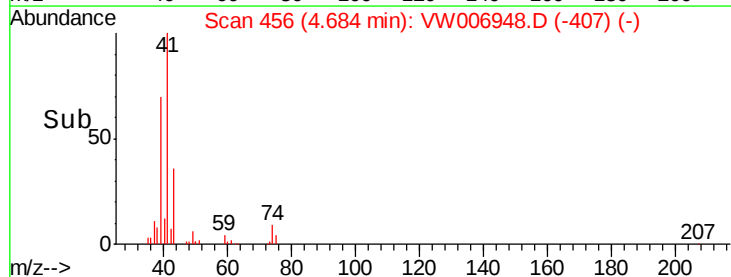
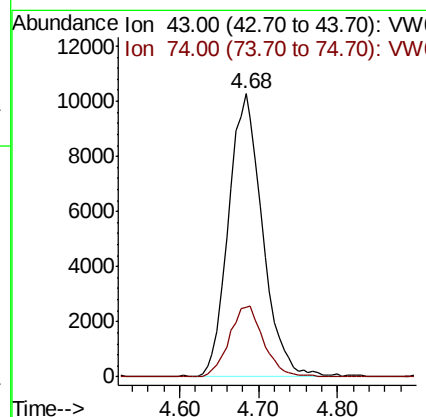
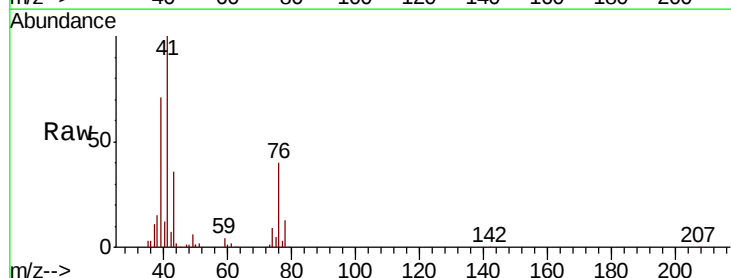
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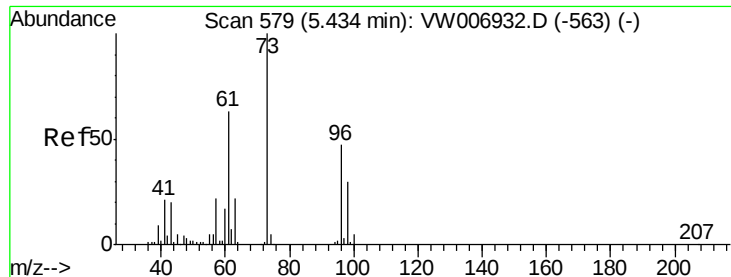
apatel
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#18
Methyl Acetate
Concen: 37.620 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	20.3	30.5





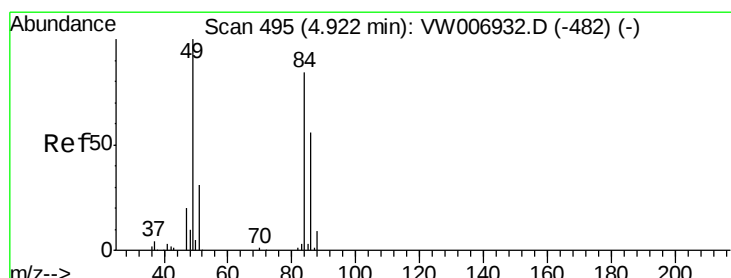
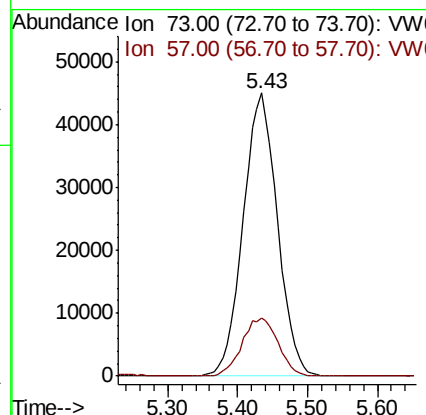
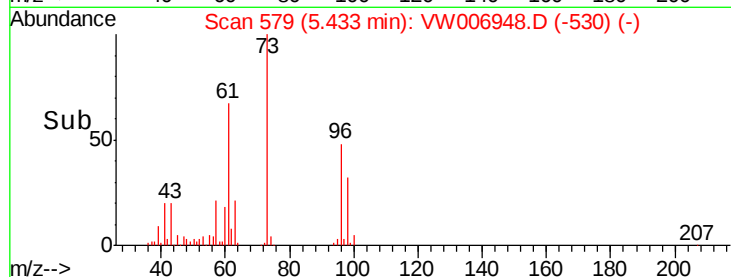
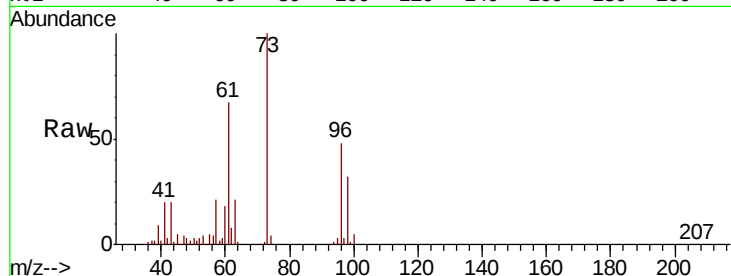
#19
Methvl tert-butvl Ether
Concen: 43.065 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 152925
Ion Ratio Lower Upper
73 100
57 20.7 17.5 26.3

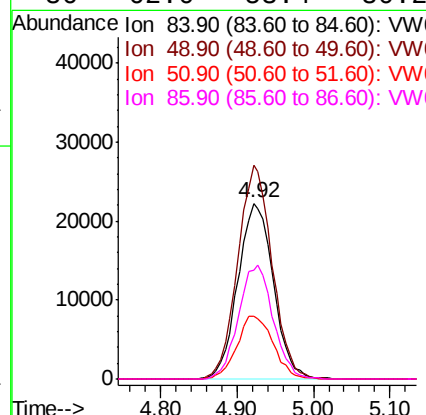
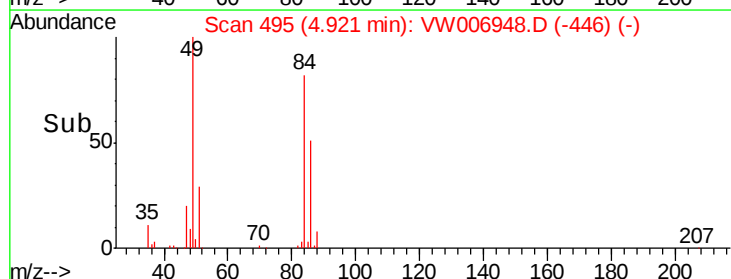
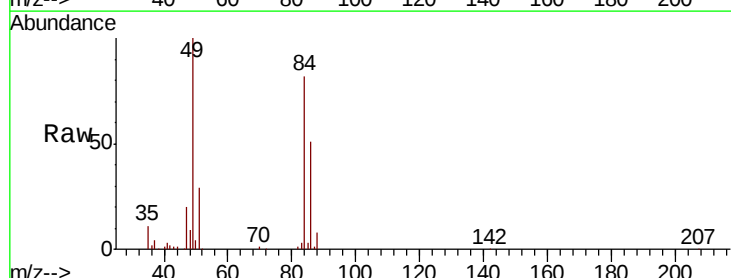
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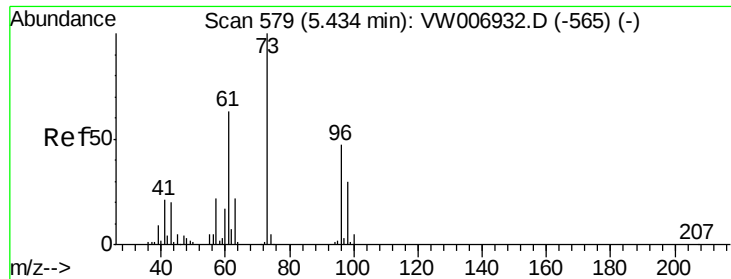
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#20
Methylene Chloride
Concen: 45.993 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 84 Resp: 71410
Ion Ratio Lower Upper
84 100
49 121.7 95.4 143.2
51 35.7 29.5 44.3
86 62.0 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 43.768 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

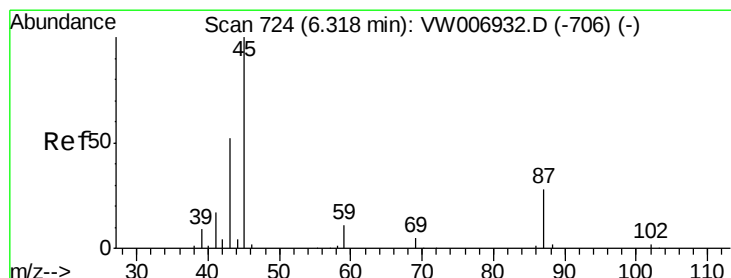
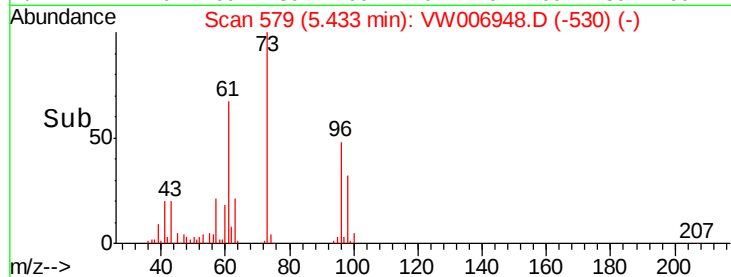
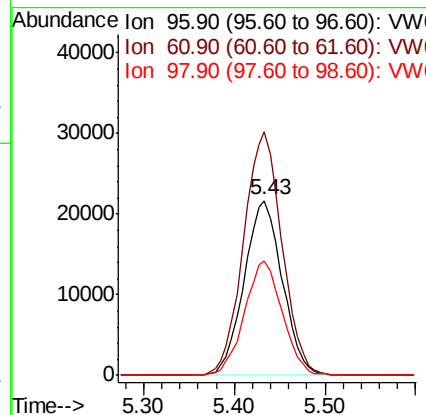
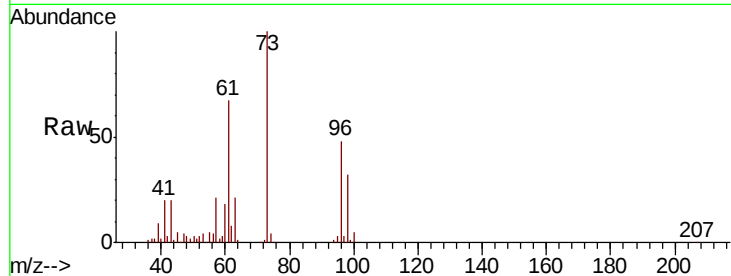
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	63243
Ion	Ratio	Lower	Upper
96	100		
61	139.4	108.2	162.4
98	65.6	50.6	76.0

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#22

Diisopropyl ether

Concen: 43.135 ug/l

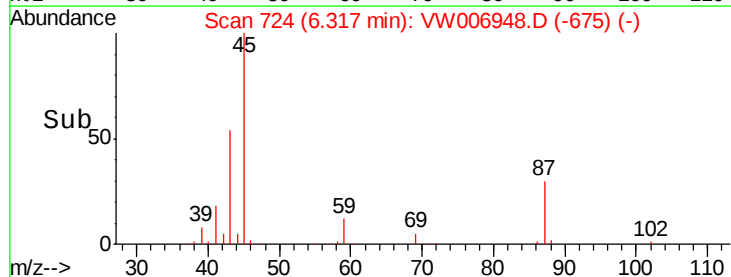
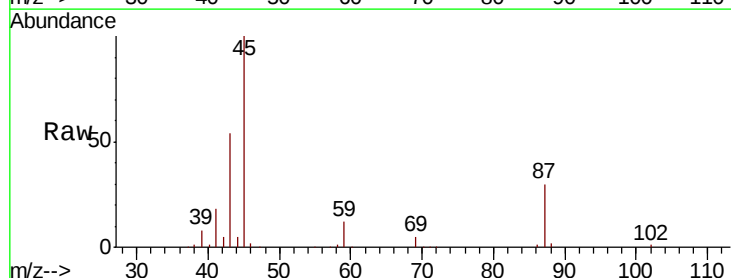
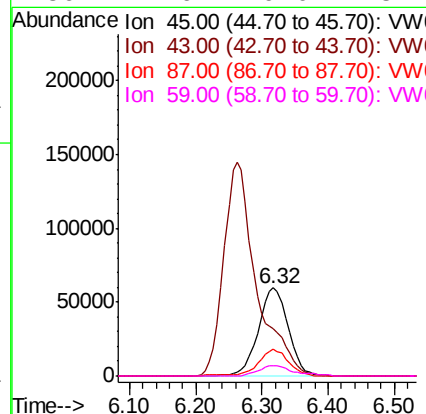
RT: 6.32 min Scan# 724

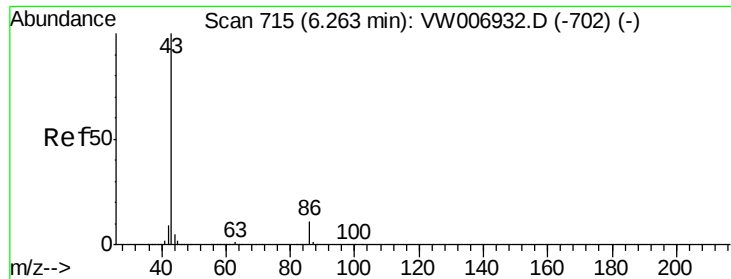
Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Tgt Ion:	45	Resp:	187622
Ion	Ratio	Lower	Upper
45	100		
43	53.5	43.1	64.7
87	30.0	22.7	34.1
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 205.885 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 495896

Ion Ratio Lower Upper

43 100

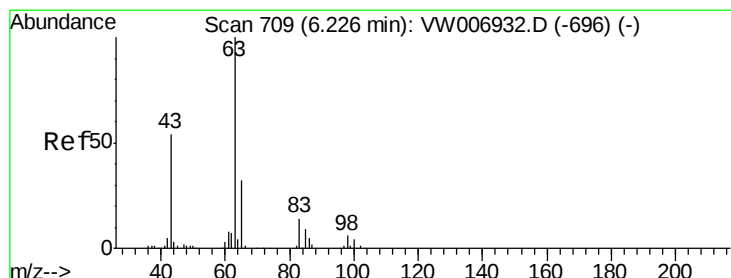
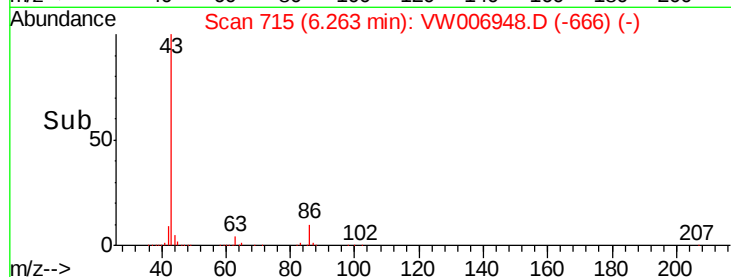
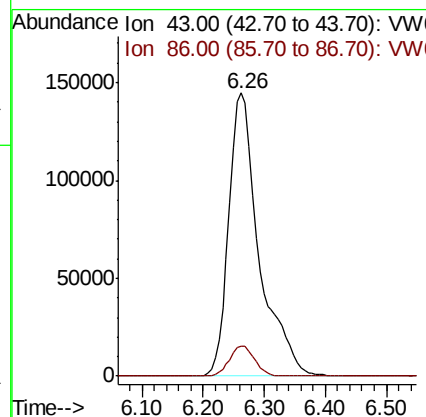
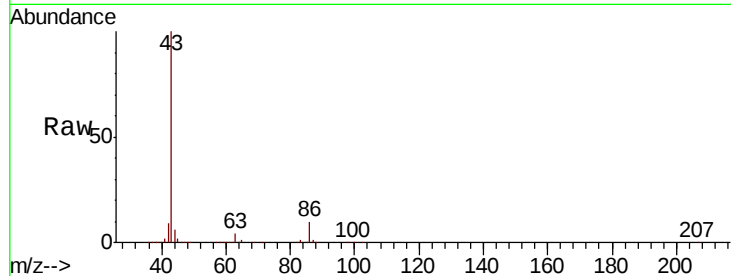
86 10.5 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 44.016 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

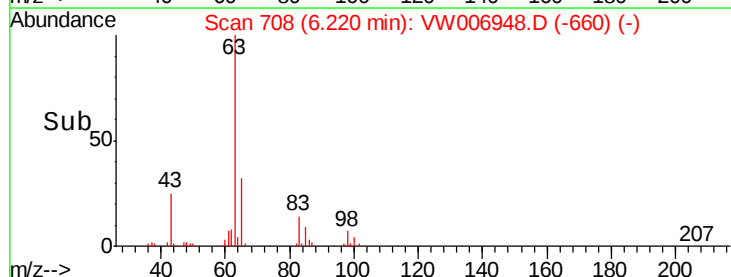
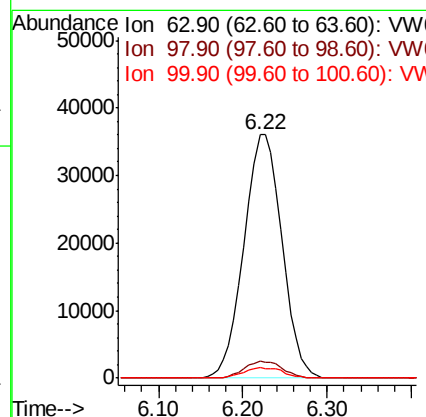
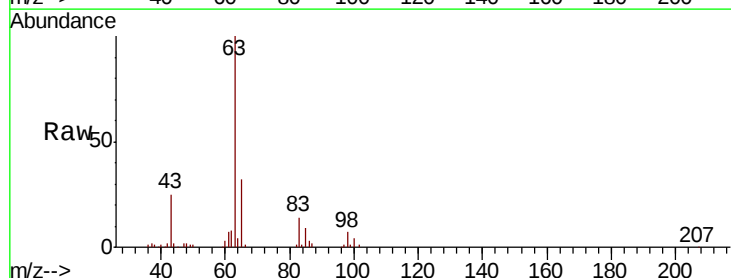
Tgt Ion: 63 Resp: 110241

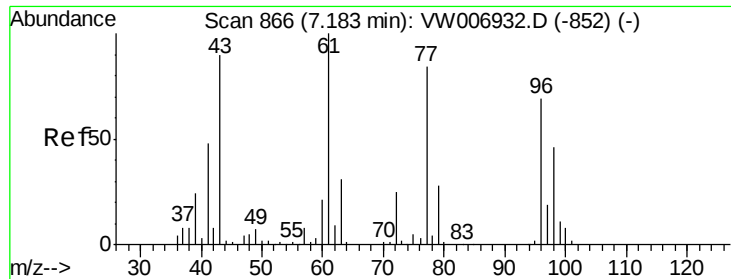
Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 210.937 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 78514

Ion Ratio Lower Upper

43 100

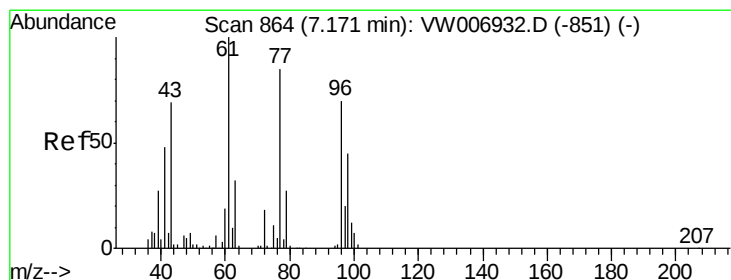
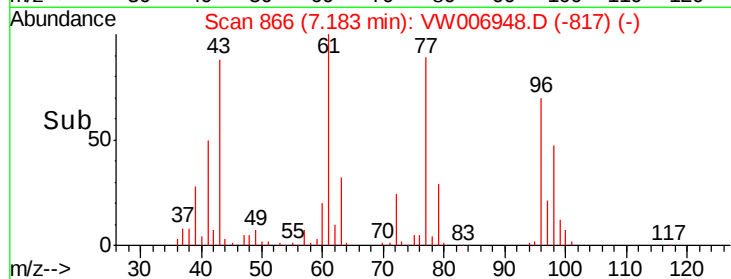
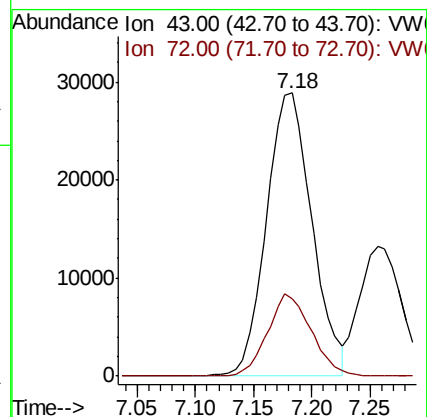
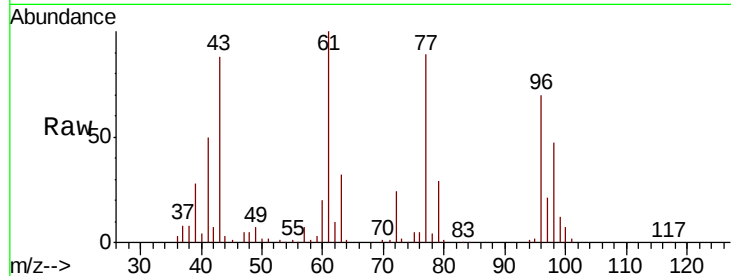
72 27.3 22.1 33.1

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#26

2,2-Dichloropropane

Concen: 44.697 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006948.D

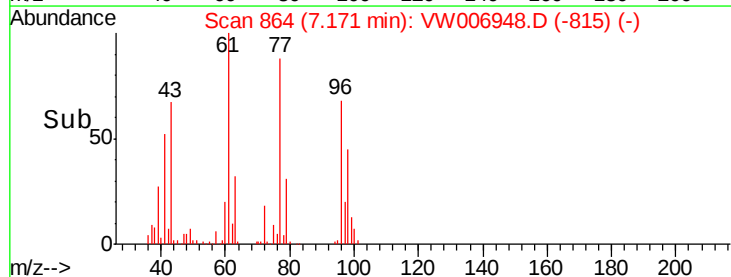
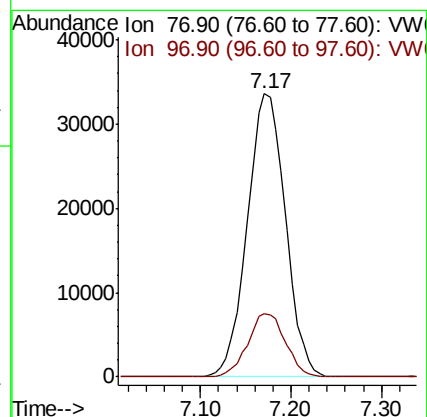
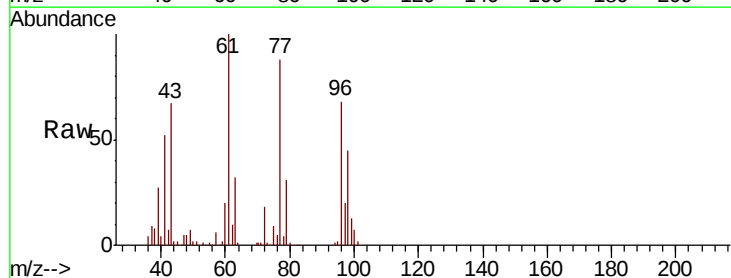
Acq: 19 Nov 2018 17:36

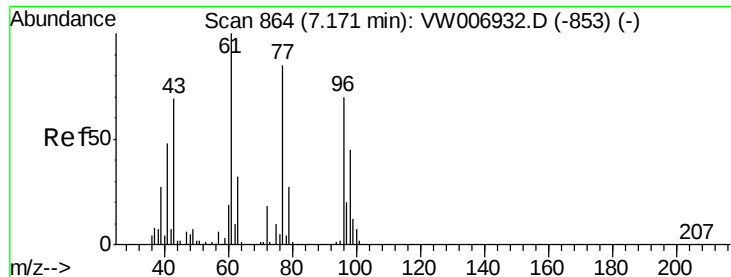
Tgt Ion: 77 Resp: 97678

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.9





#27

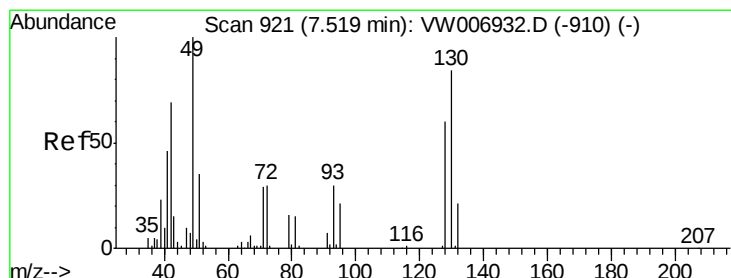
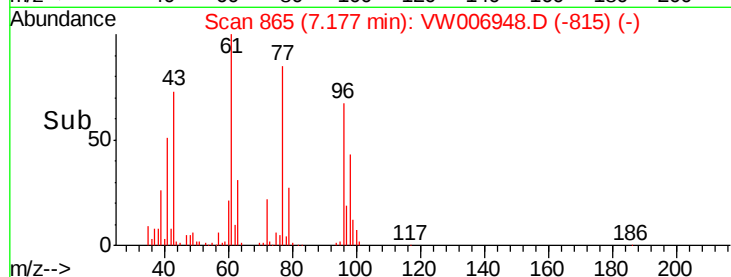
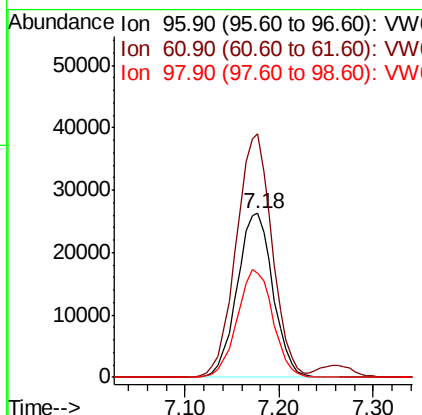
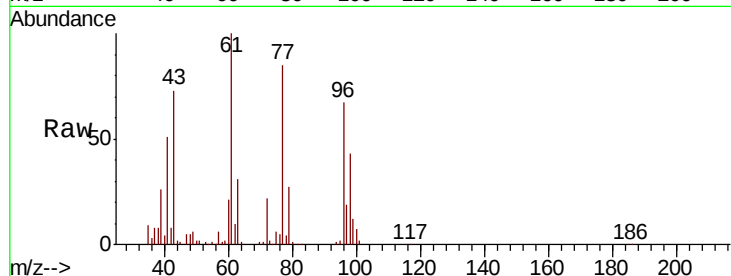
cis-1,2-Dichloroethene
Concen: 43.506 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69896		
61	148.8		0.0	293.8
98	65.3		0.0	131.0

Manual Integrations
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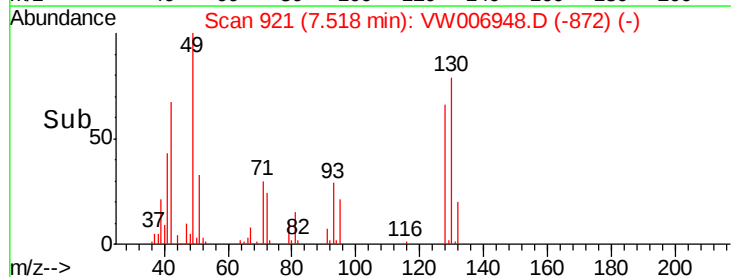
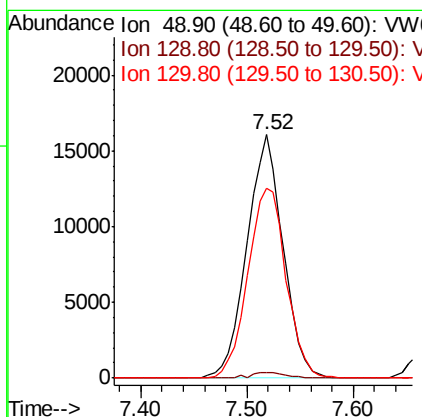
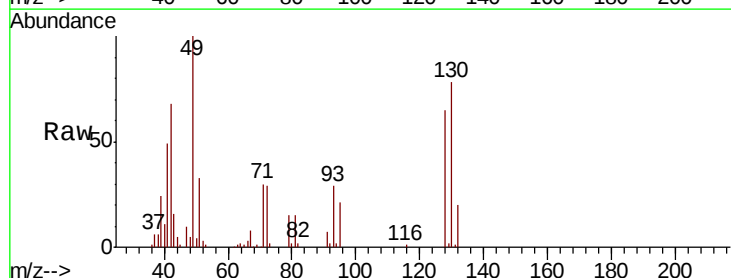
apatel
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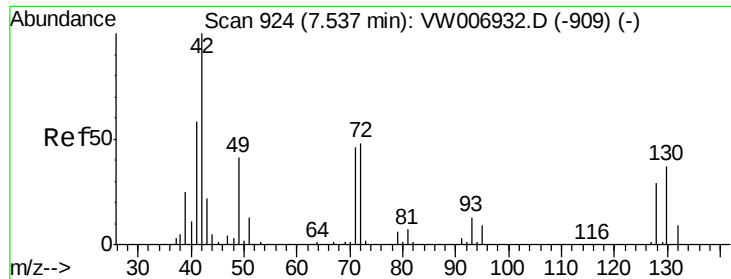


#28

Bromochloromethane
Concen: 41.529 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	38202		
129	2.1		0.0	1.6#
130	82.5		66.1	99.1





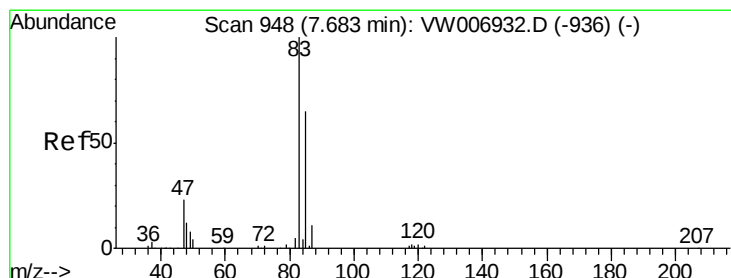
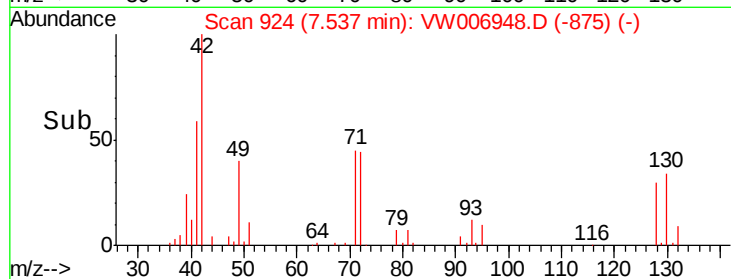
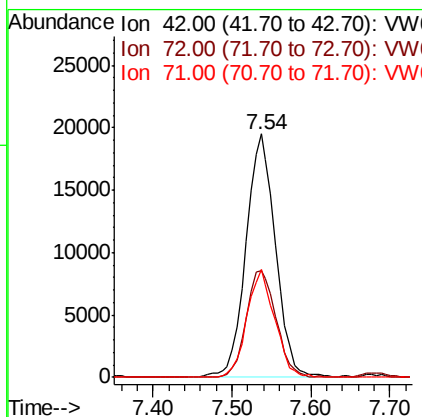
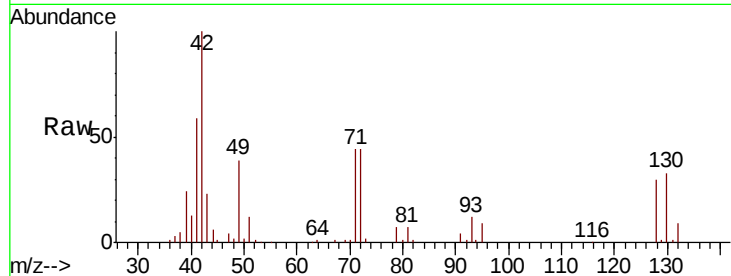
#29
Tetrahydrofuran
Concen: 210.165 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.7	53.5
71	41.6	33.7	50.5

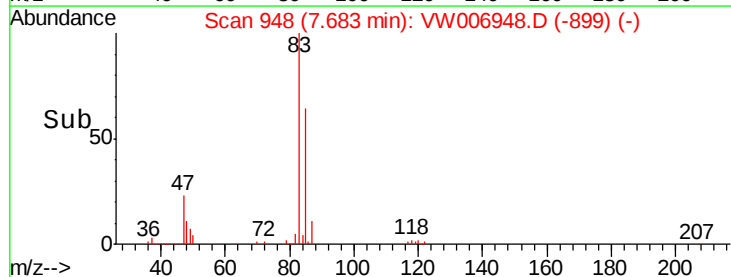
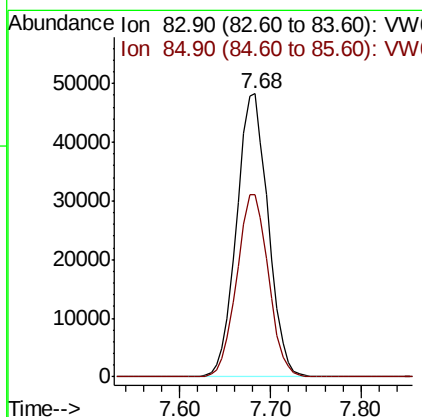
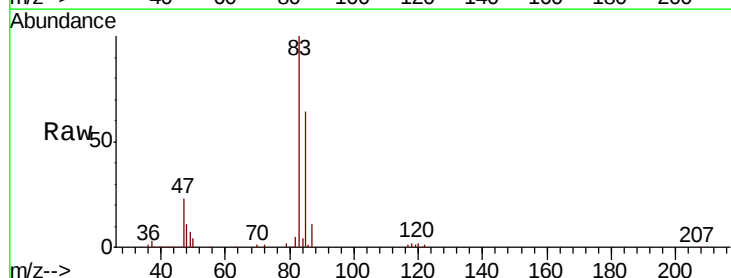
Manual Integrations
APPROVED

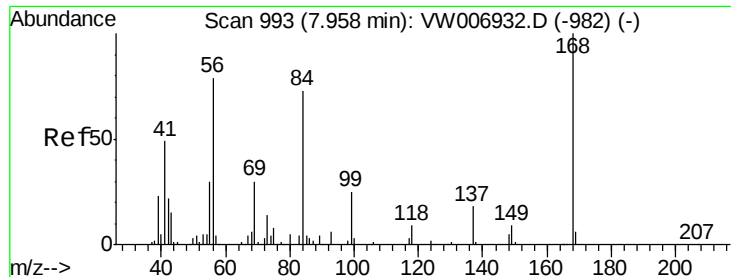
apatel
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#30
Chloroform
Concen: 42.361 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.2	78.4





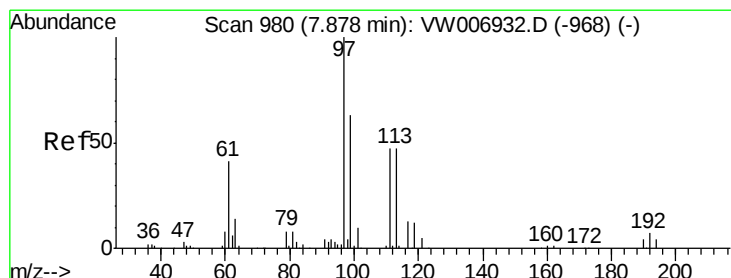
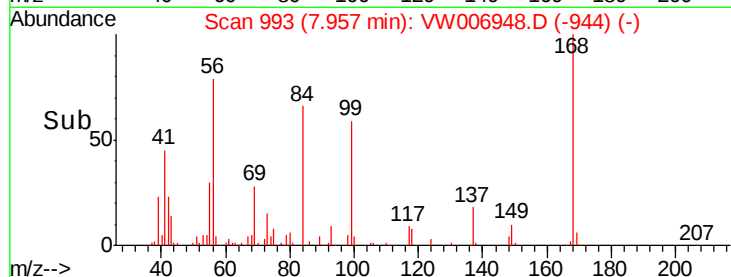
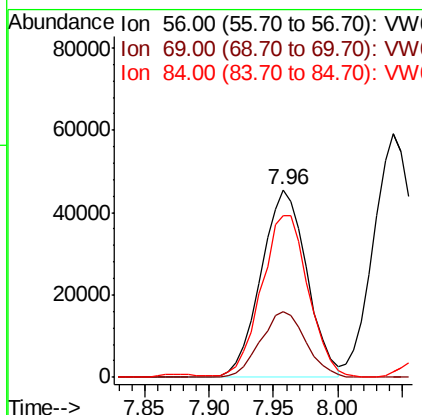
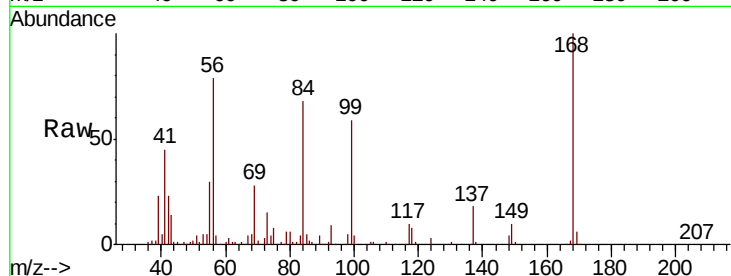
#31
Cyclohexane
Concen: 44.939 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.3	30.2	45.2
84	84.4	73.6	110.4

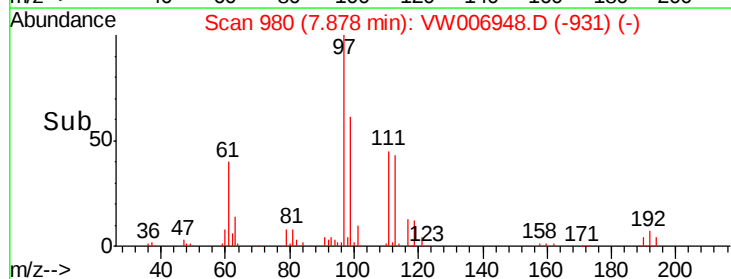
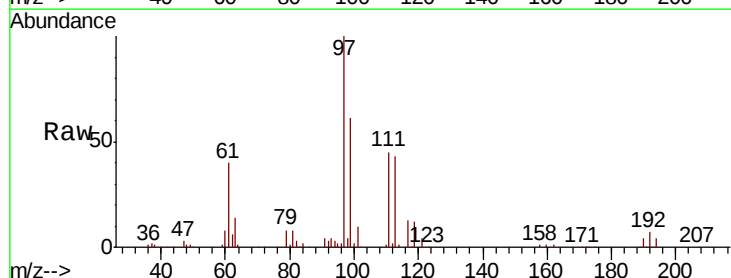
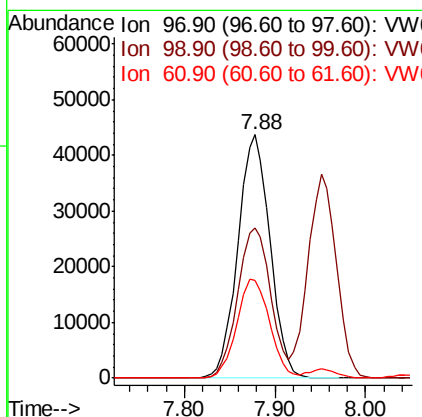
Manual Integrations
APPROVED

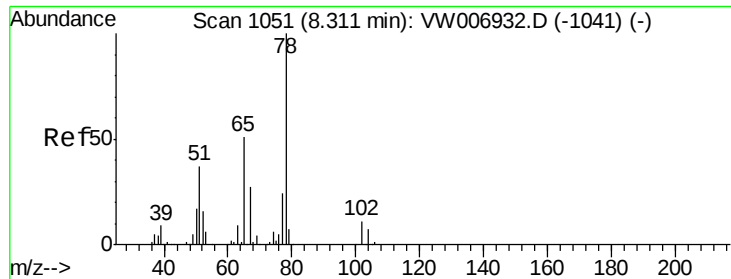
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#32
1,1,1-Trichloroethane
Concen: 45.446 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.0	76.6
61	41.8	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 42.408 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 62139

Ion Ratio Lower Upper

65 100

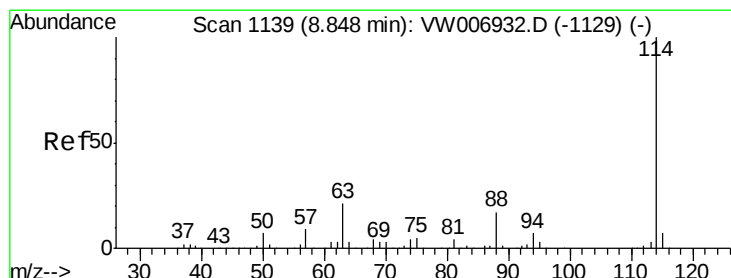
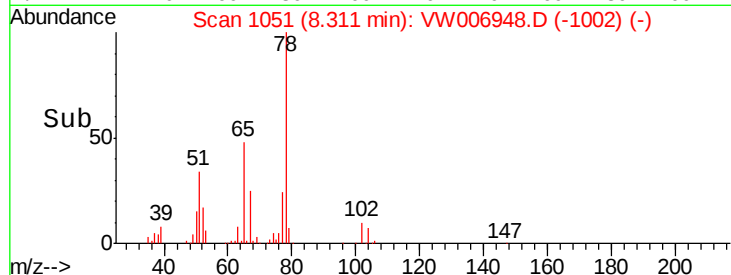
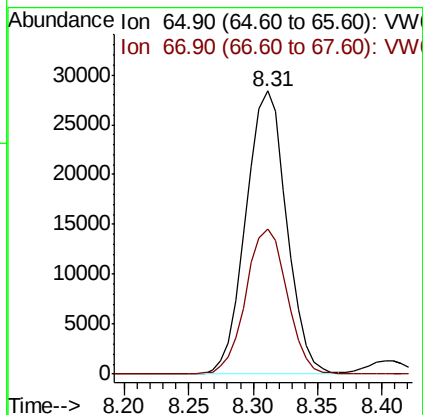
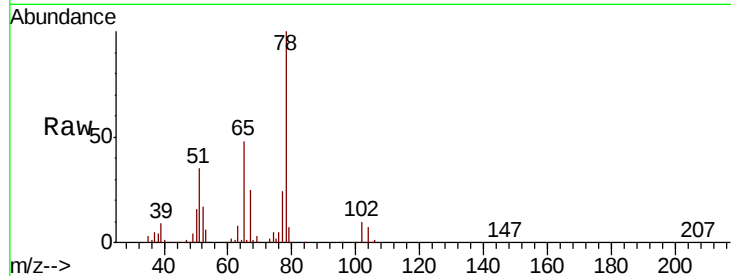
67 51.8 0.0 104.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

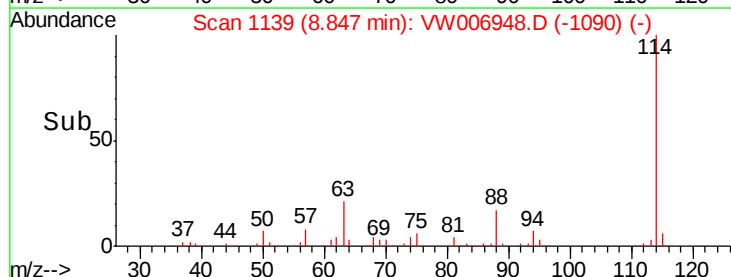
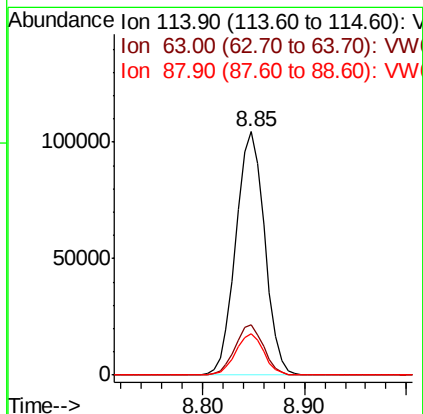
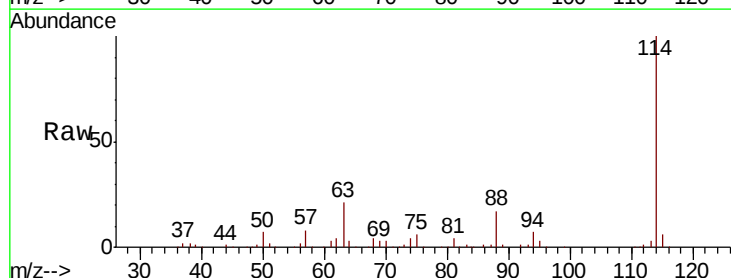
Tgt Ion: 114 Resp: 204534

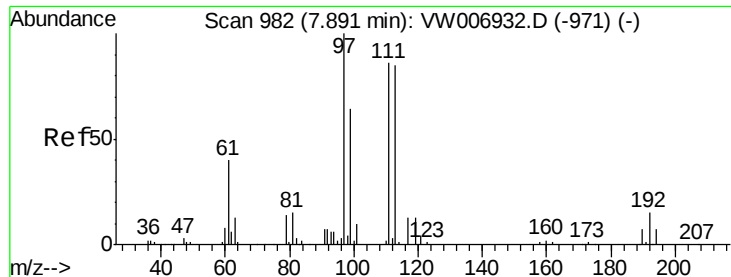
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

88 17.1 0.0 33.4





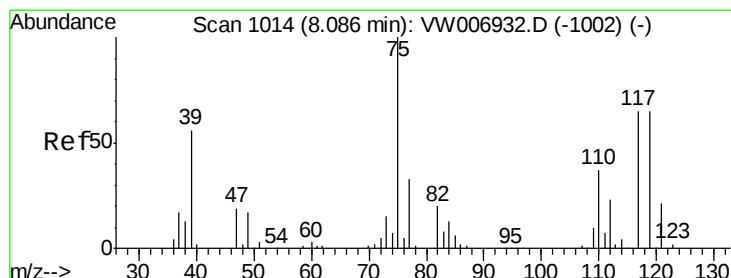
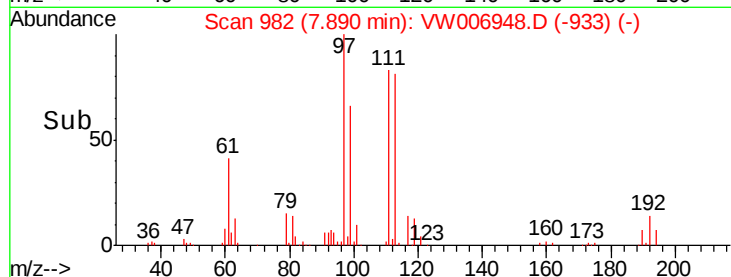
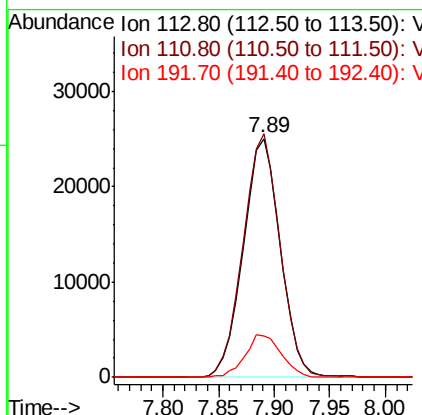
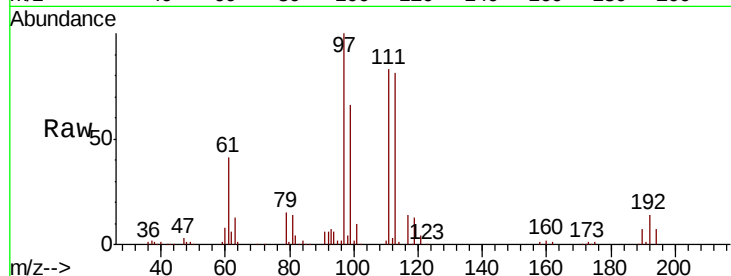
#35
Dibromofluoromethane
Concen: 48.418 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.7	122.5
192	17.4	13.9	20.9

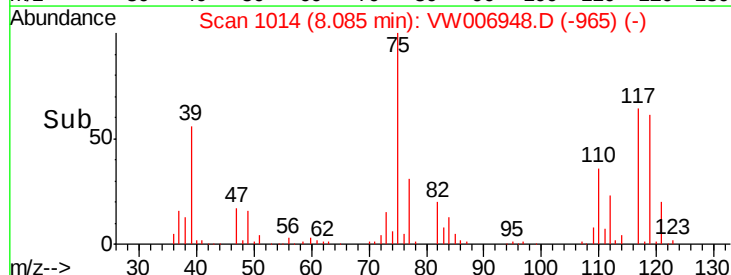
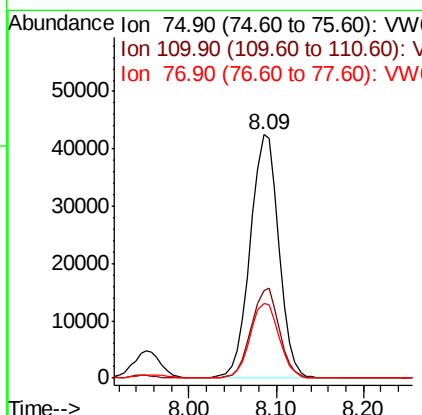
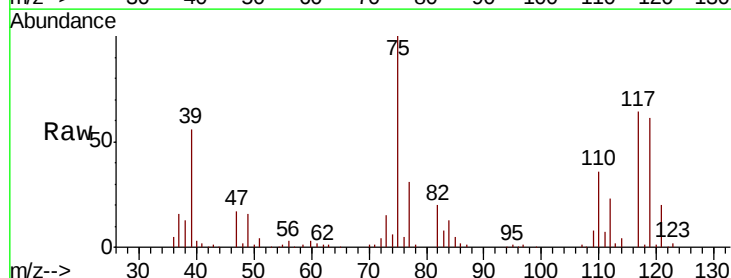
Manual Integrations
APPROVED

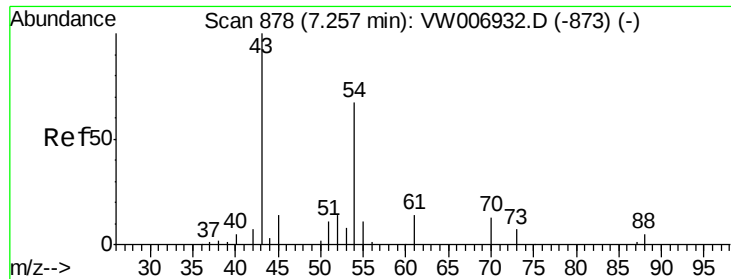
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#36
1,1-Dichloropropene
Concen: 49.749 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.1	54.1
77	31.3	25.4	38.0





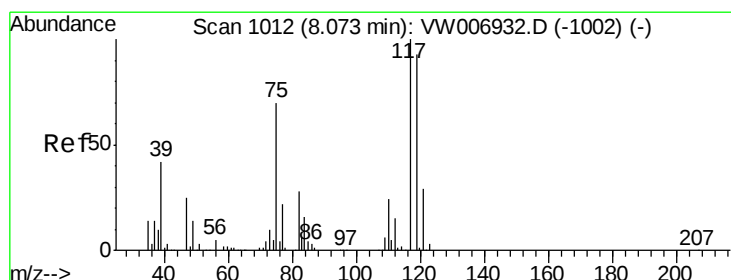
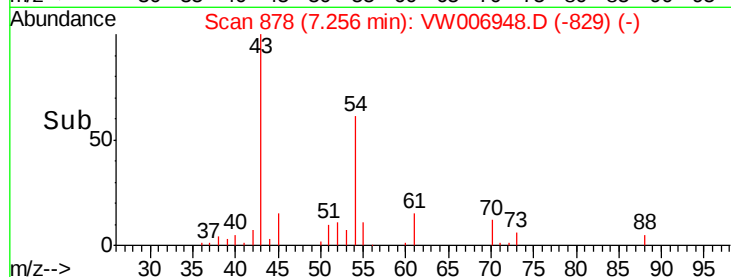
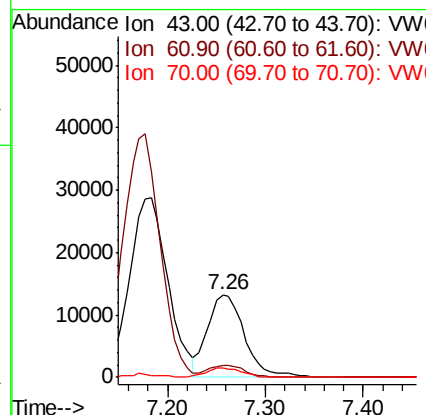
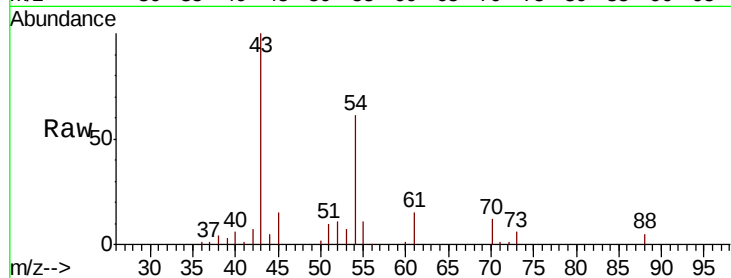
#37
Ethyl Acetate
Concen: 41.701 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.6
70	11.4	8.8	13.2

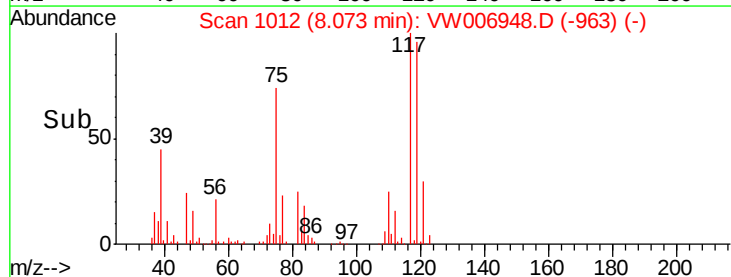
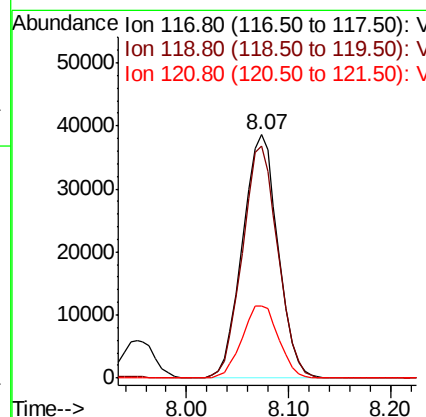
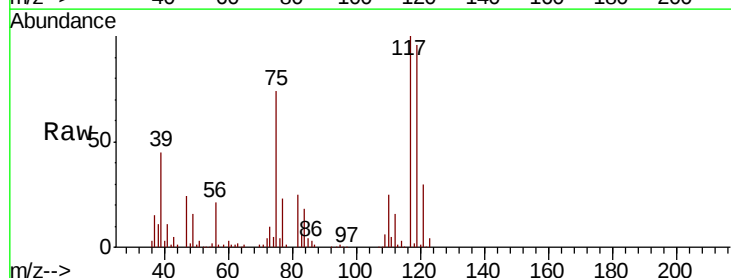
Manual Integrations
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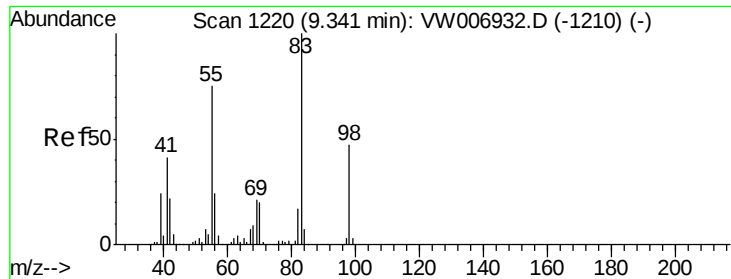
apatel
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#38
Carbon Tetrachloride
Concen: 48.754 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.2	111.4
121	29.7	23.5	35.3





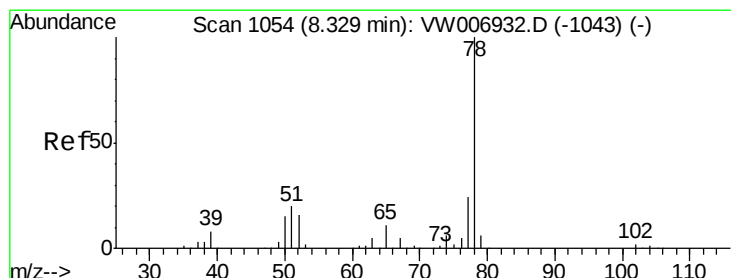
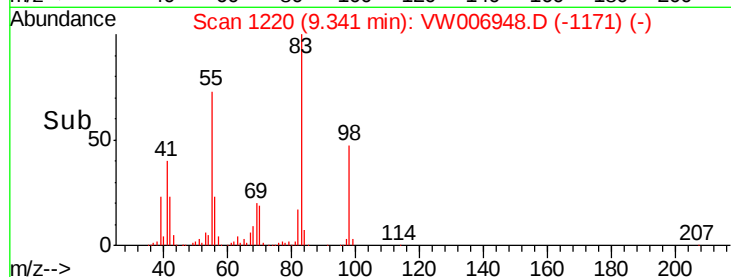
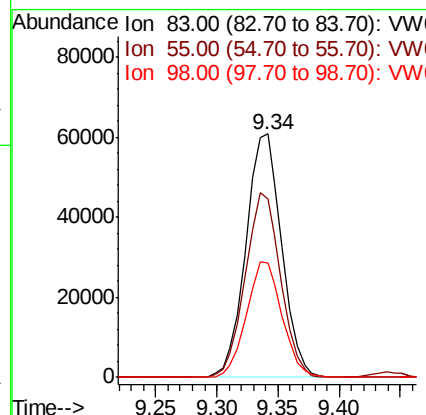
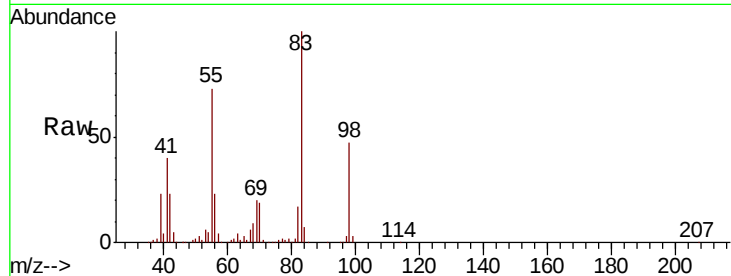
#39
Methvlcvclohexane
Concen: 51.140 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.3	60.2	90.4
98	46.7	37.3	55.9

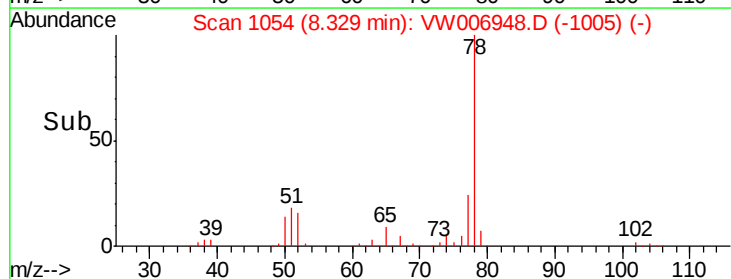
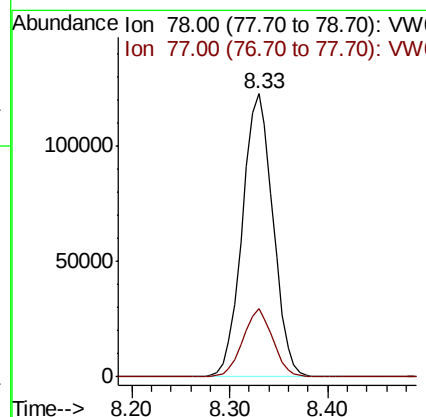
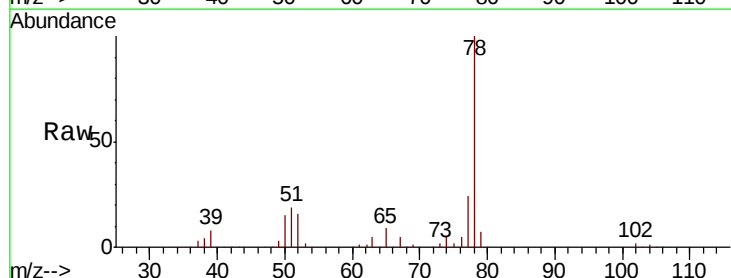
Manual Integrations
APPROVED

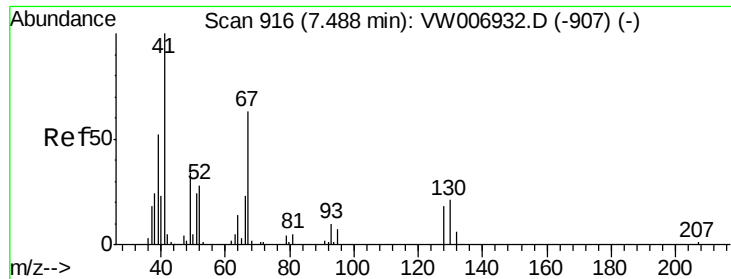
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#40
Benzene
Concen: 48.545 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





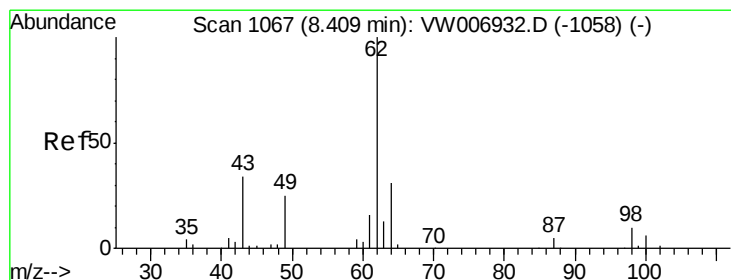
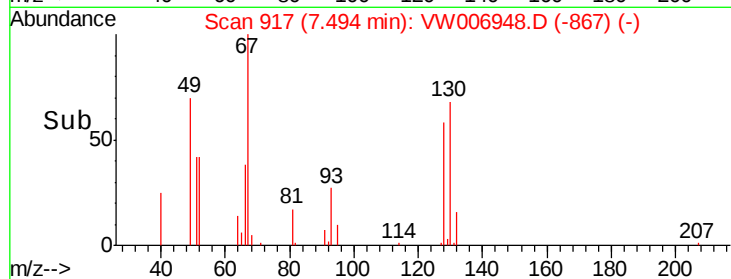
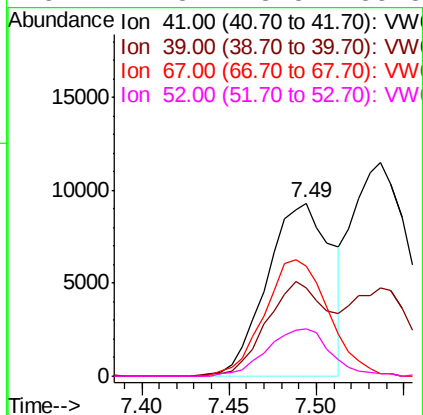
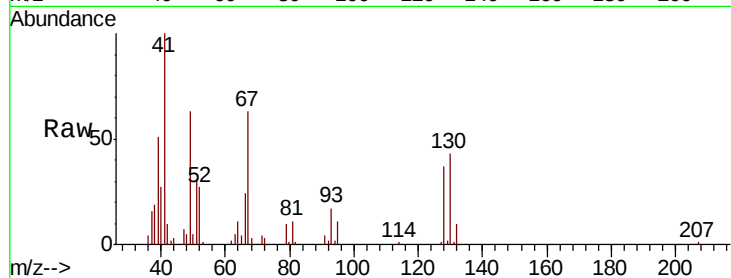
#41
Methacrylonitrile
Concen: 47.313 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	24008
Ion Ratio	Lower	Upper	
41	100		
39	52.6	41.8	62.6
67	66.9	54.7	82.1
52	27.3	23.8	35.8

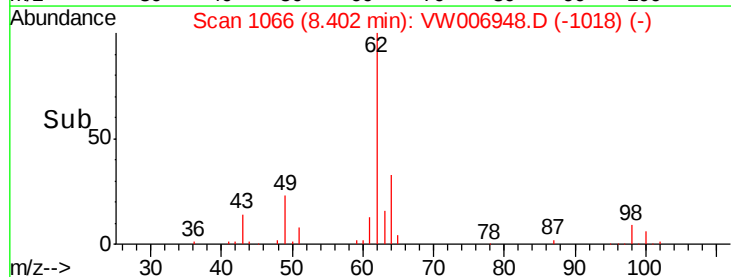
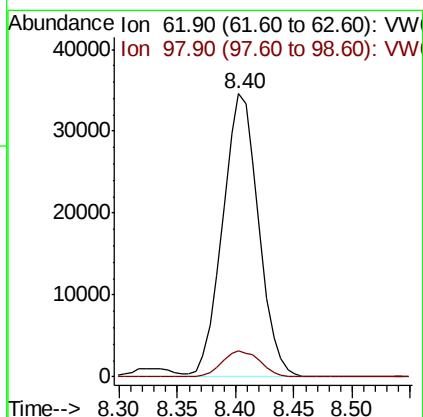
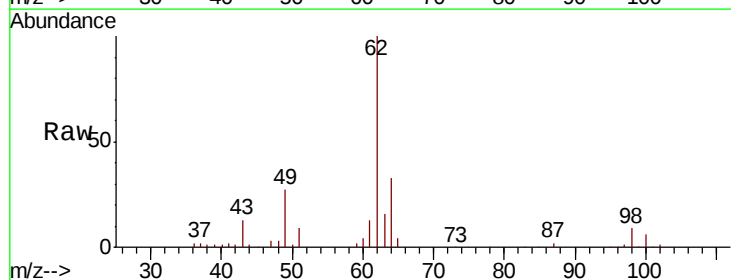
Manual Integrations
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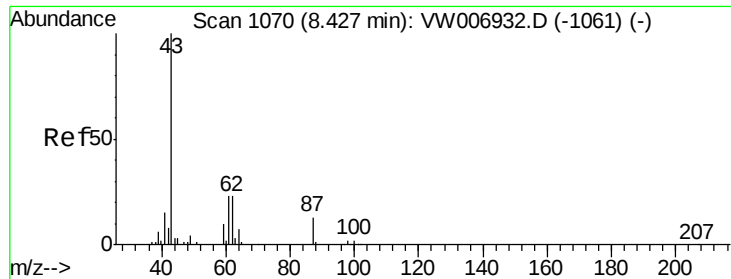
apatel
11/20/2018 4:34:50 PM



#42
1,2-Dichloroethane
Concen: 44.891 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	62	Resp	74006
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 42.691 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

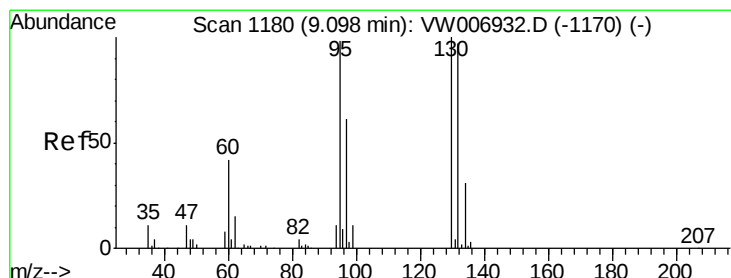
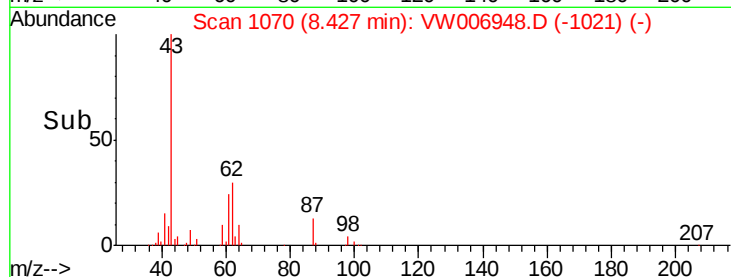
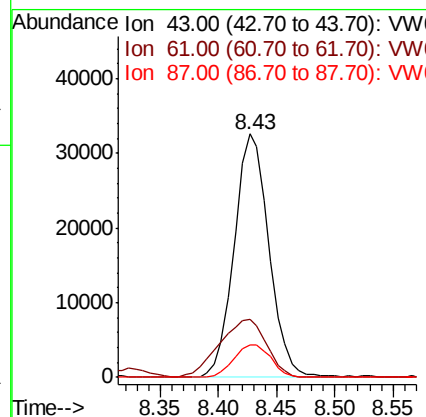
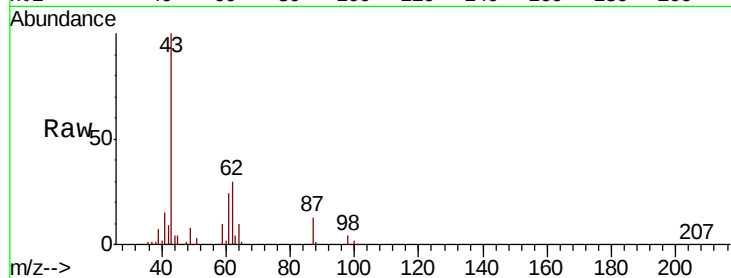
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	67864
Ion	Ratio	Lower	Upper
43	100		
61	32.1	24.6	37.0
87	14.1	11.0	16.6

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#44

Trichloroethene

Concen: 49.538 ug/l

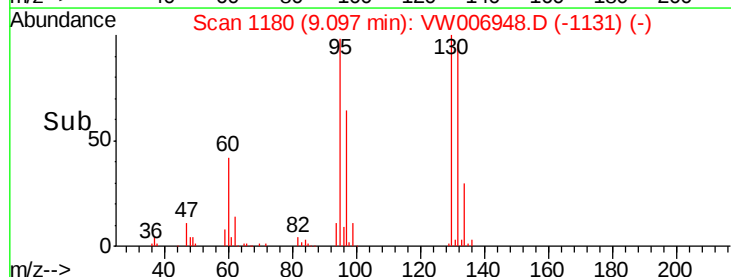
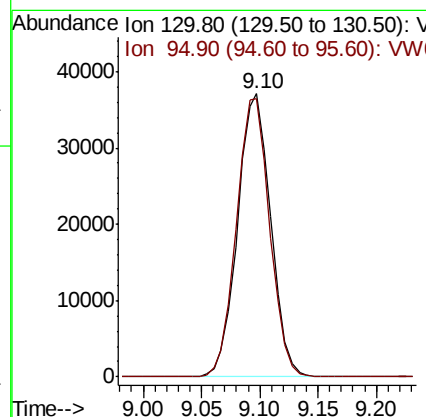
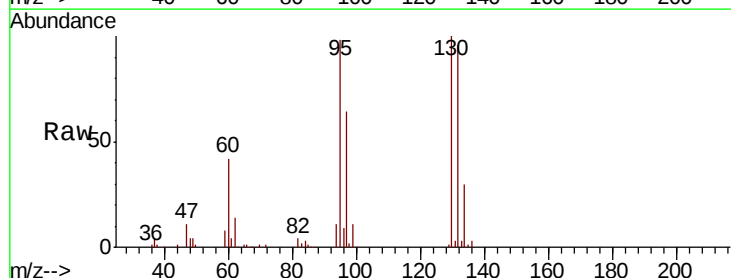
RT: 9.10 min Scan# 1180

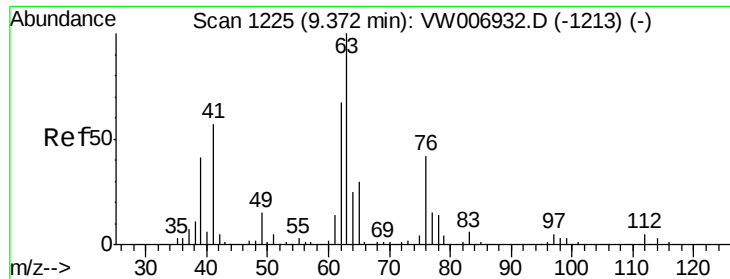
Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Tgt Ion:	130	Resp:	73350
Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	196.4





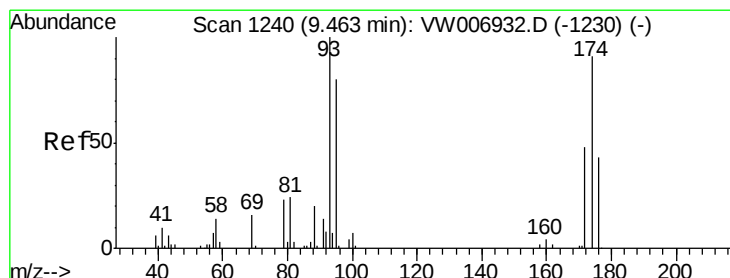
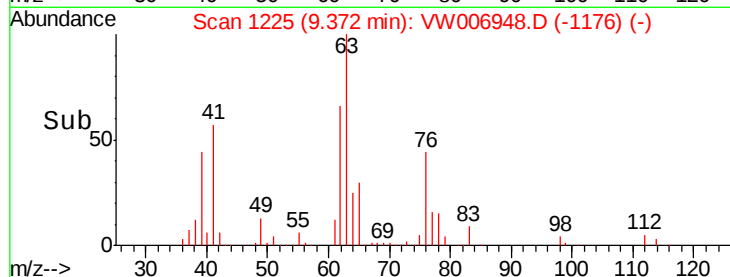
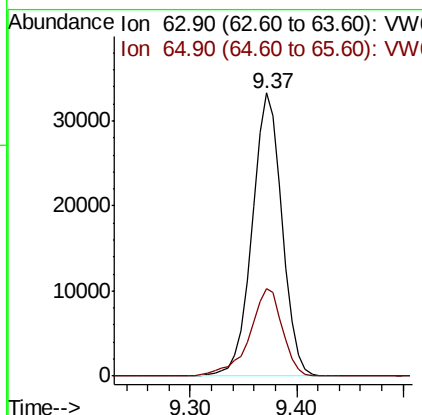
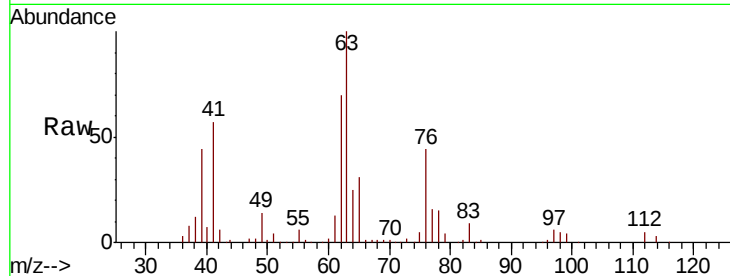
#45
 1,2-Dichloropropane
 Concen: 47.010 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	23.9	35.9

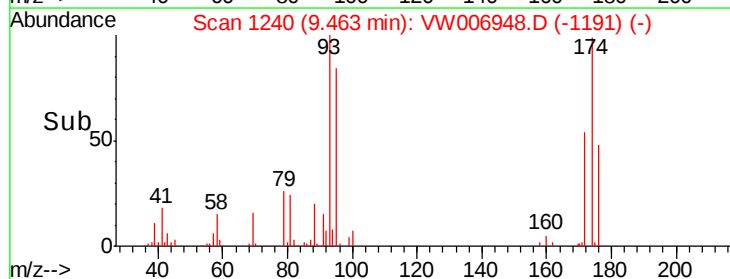
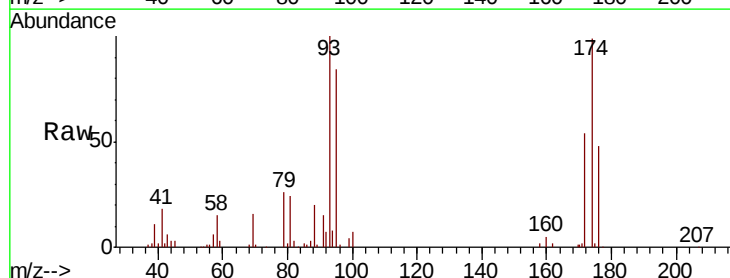
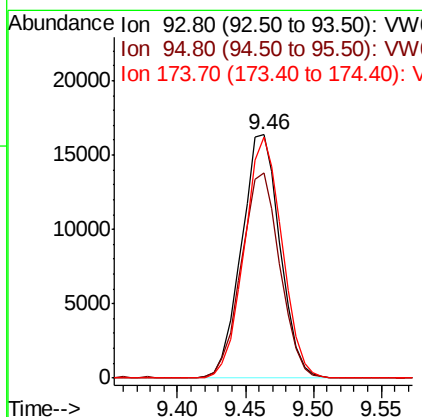
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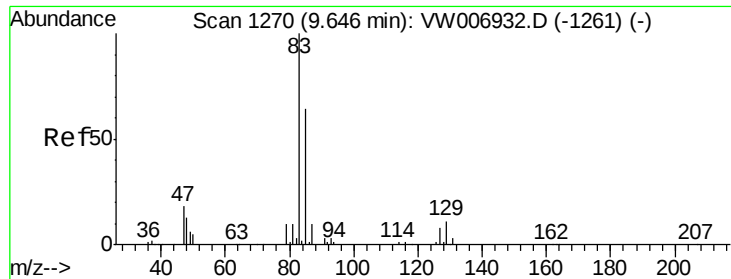
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#46
 Dibromomethane
 Concen: 46.160 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.7	98.5
174	96.6	75.0	112.4





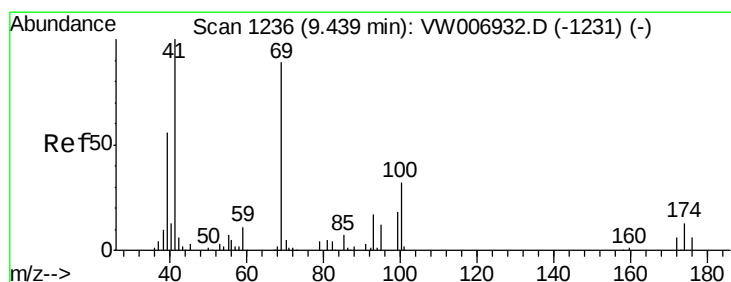
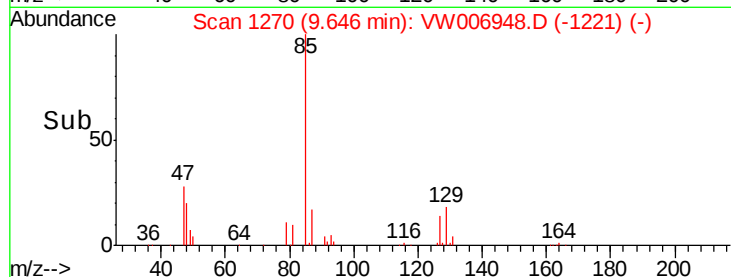
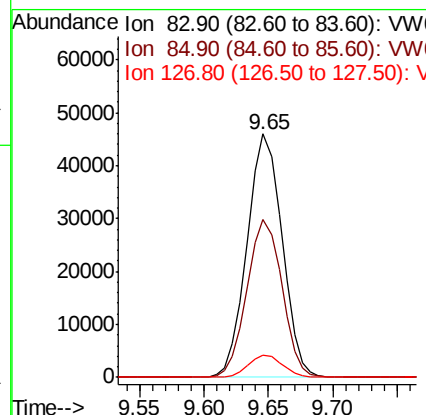
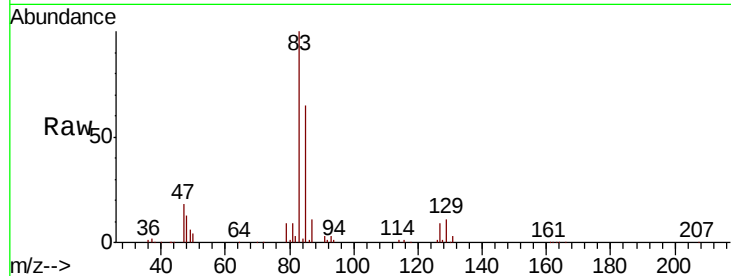
#47
Bromodichloromethane
Concen: 46.777 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.8	76.2
127	9.0	6.6	10.0

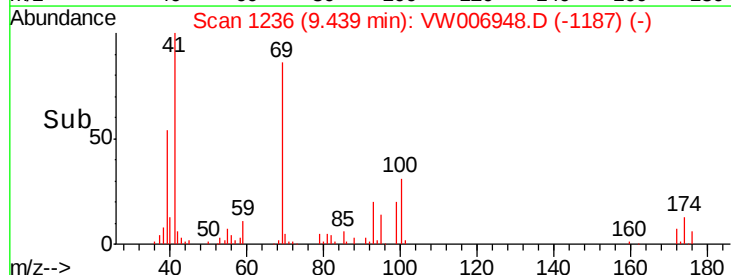
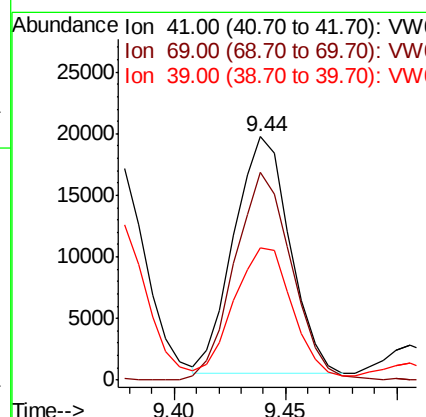
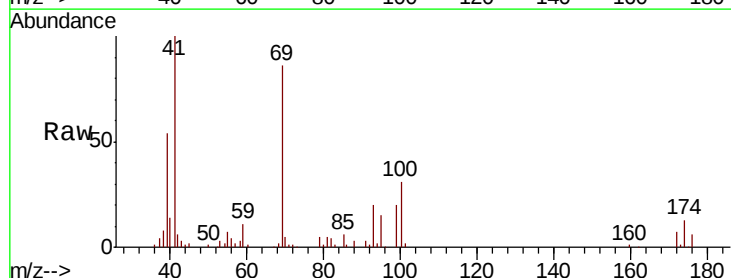
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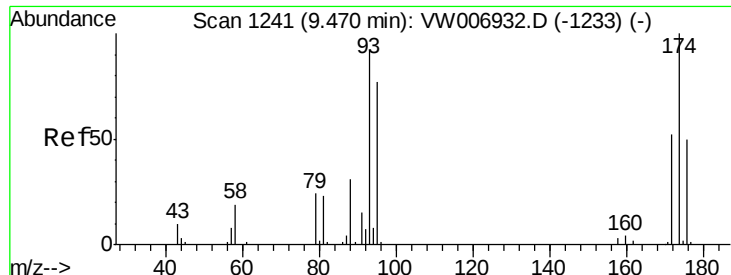
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#48
Methyl methacrylate
Concen: 43.959 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.3	73.4	110.0
39	55.6	46.1	69.1





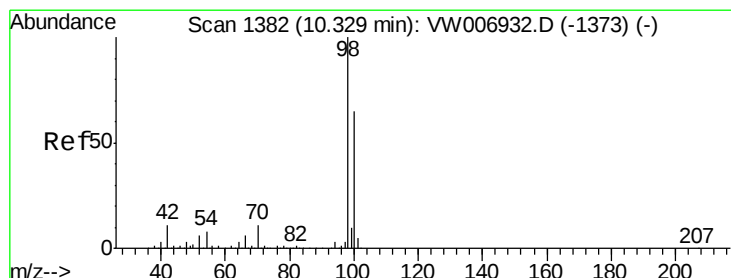
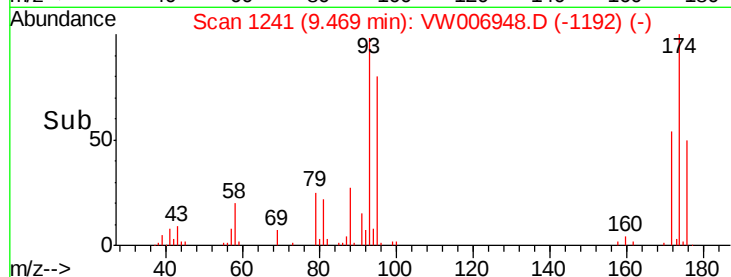
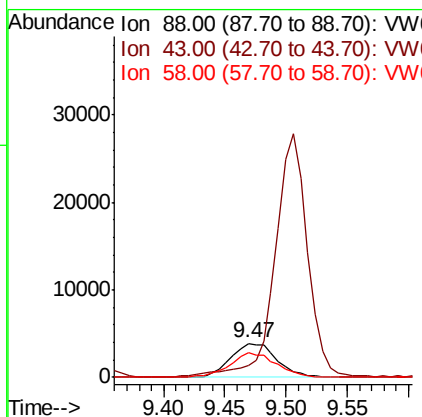
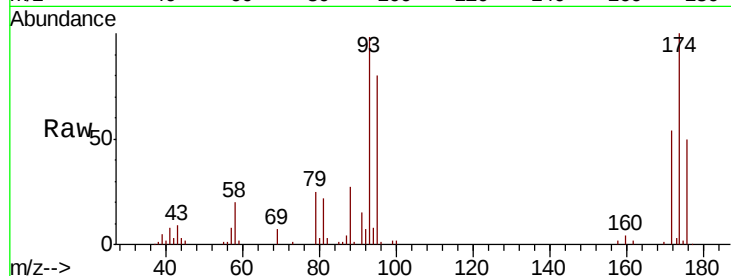
#49
1,4-Dioxane
Concen: 950.249 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	10144
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.2	57.4	86.2

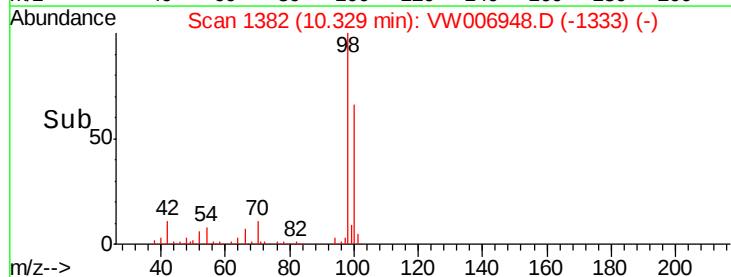
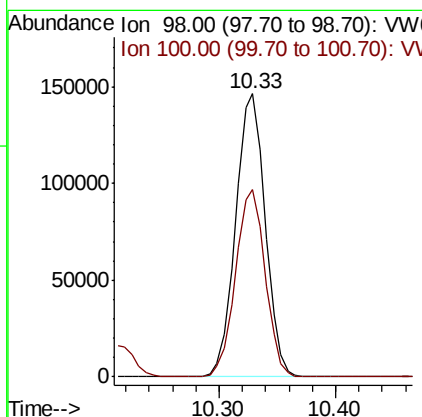
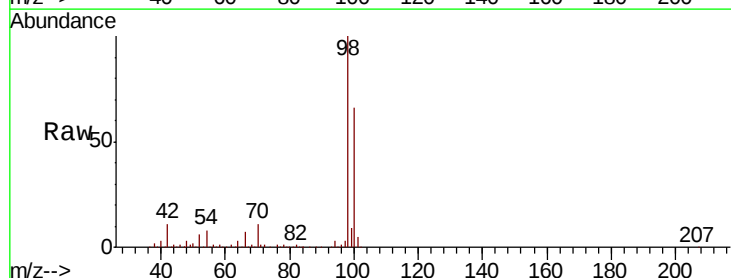
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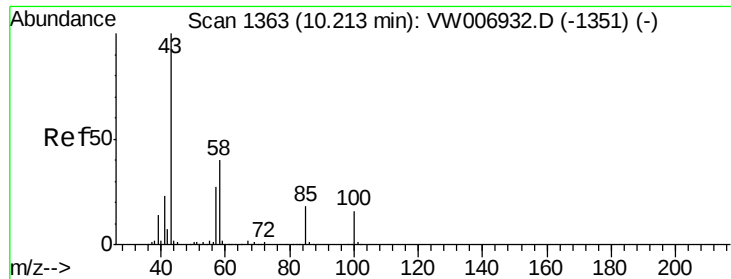
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#50
Toluene-d8
Concen: 50.482 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	98	Resp	259813
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.3	78.5





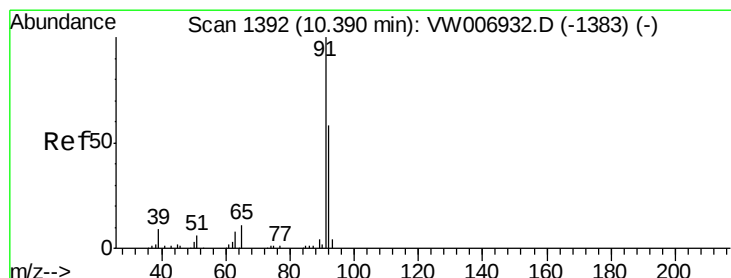
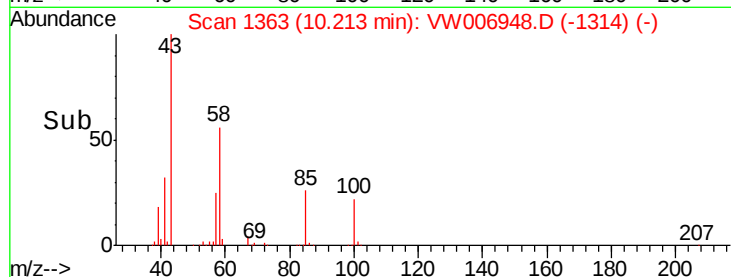
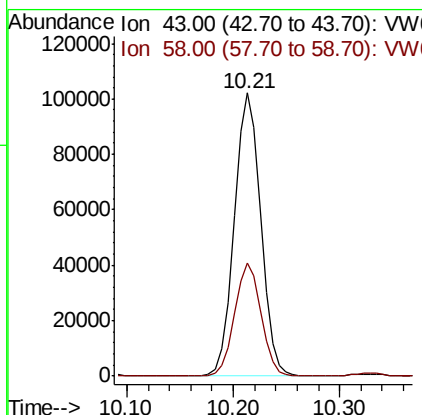
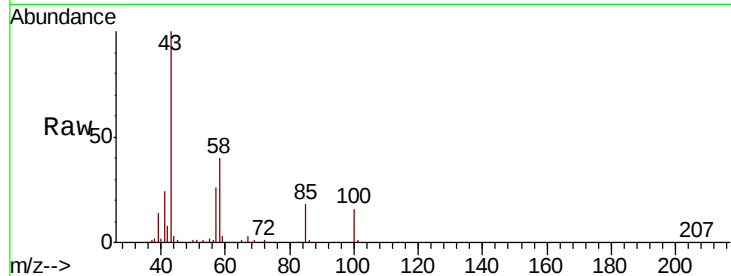
#51
4-Methyl-2-Pentanone
Concen: 228.463 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.0	46.4

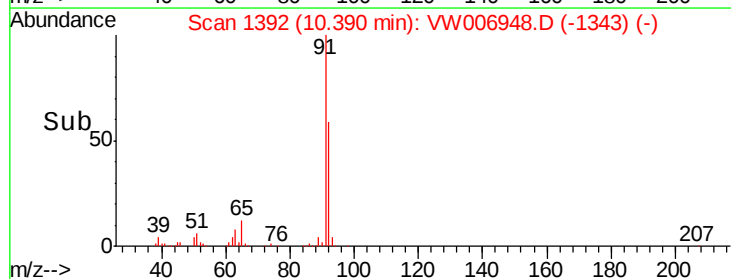
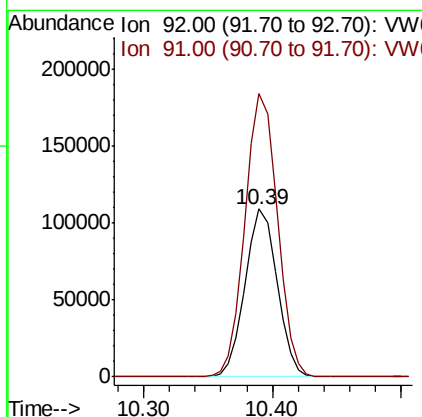
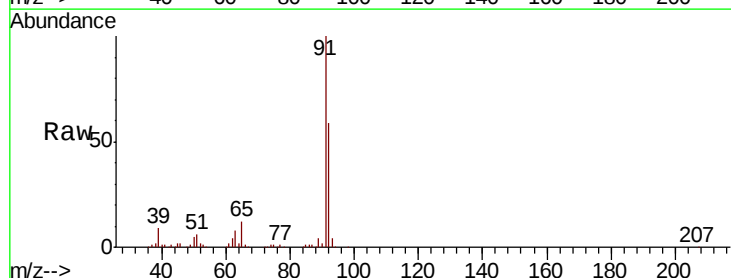
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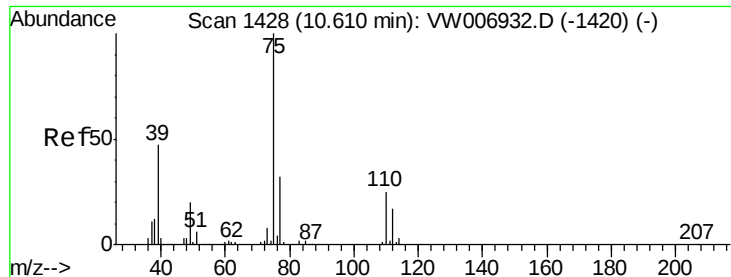
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#52
Toluene
Concen: 51.069 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.6	137.3	205.9





#53

t-1,3-Dichloropropene

Concen: 46.820 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 84876

Ion Ratio Lower Upper

75 100

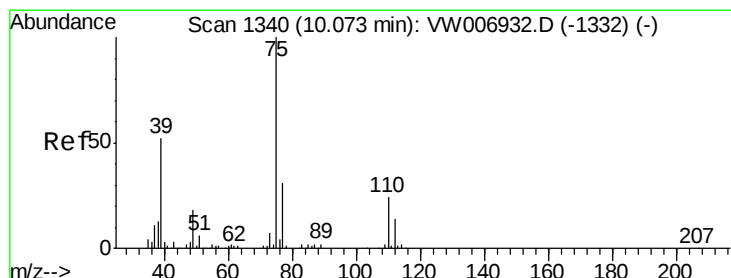
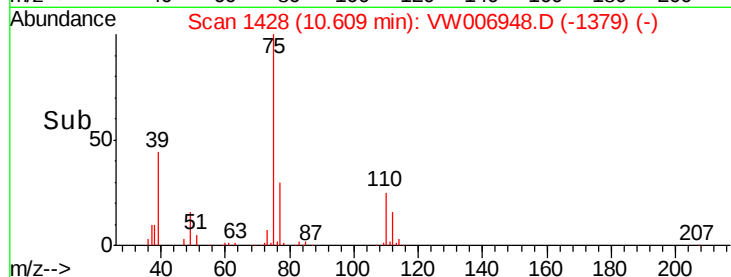
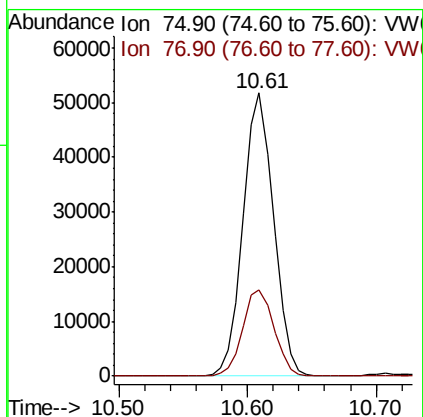
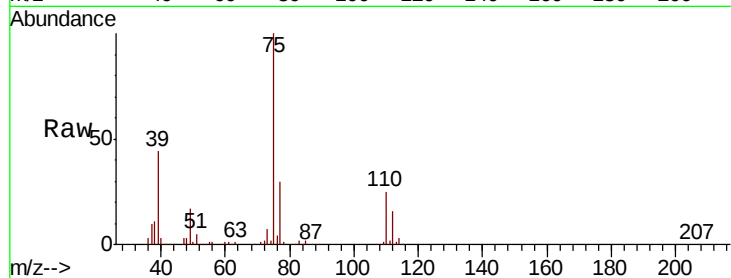
77 30.5 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 47.162 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

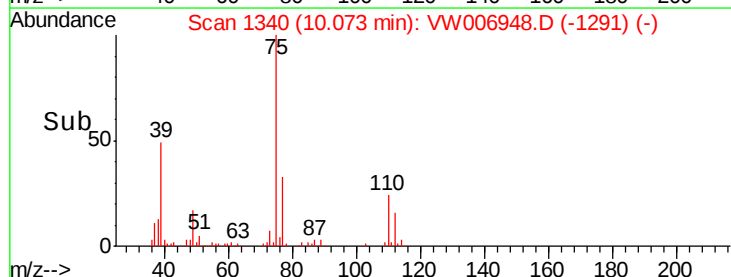
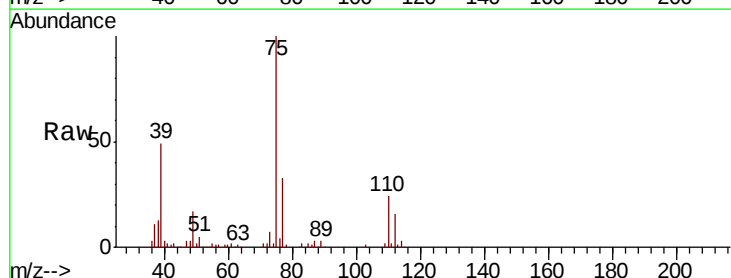
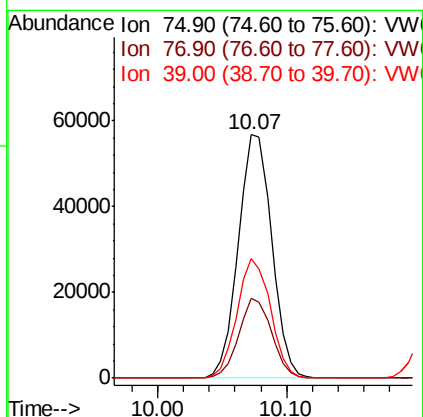
Tgt Ion: 75 Resp: 102314

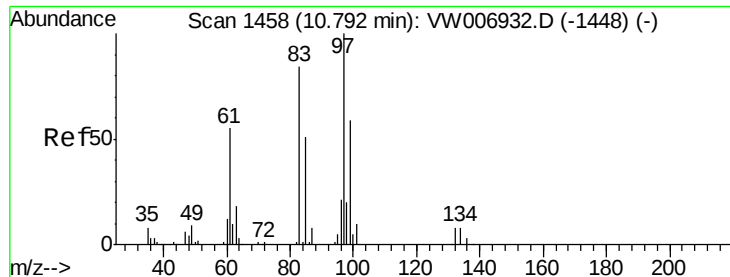
Ion Ratio Lower Upper

75 100

77 32.7 24.6 37.0

39 49.1 41.4 62.2





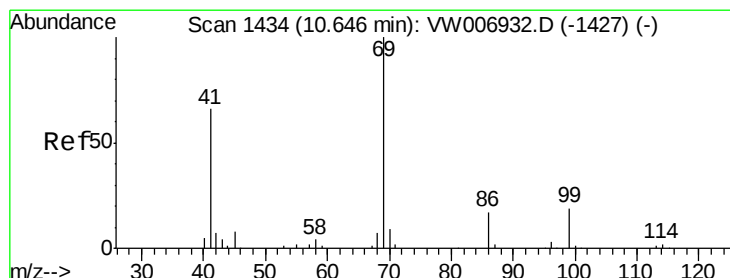
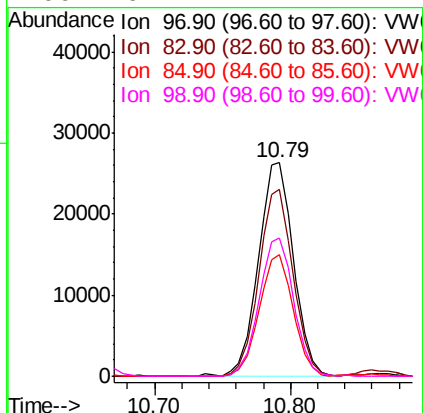
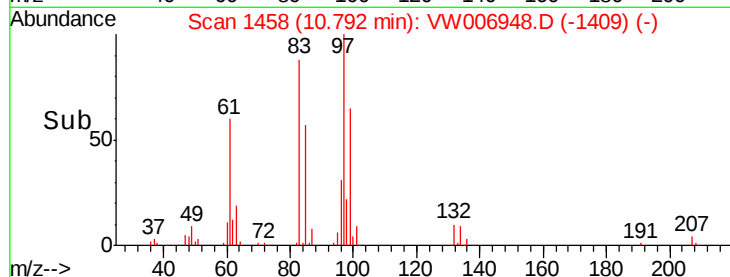
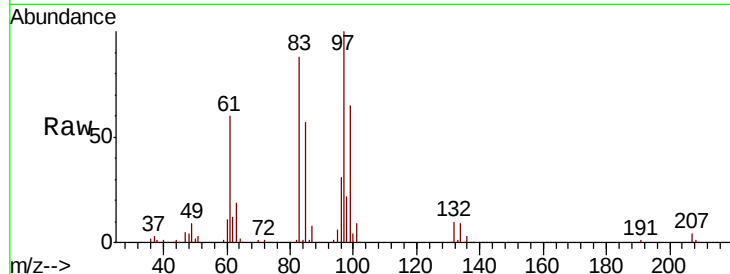
#55
1,1,2-Trichloroethane
Concen: 45.981 ug/l
RT: 10.79 min Scan# 1458
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	47761
Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.5	101.3
85	56.7	41.0	61.6
99	64.7	47.4	71.2

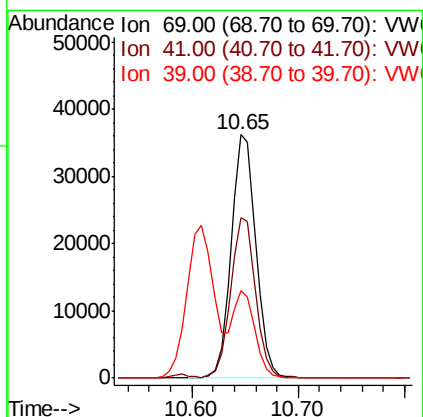
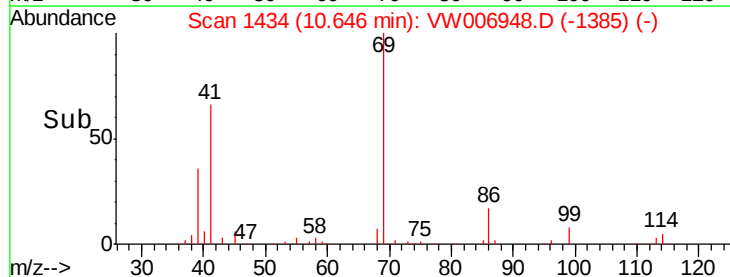
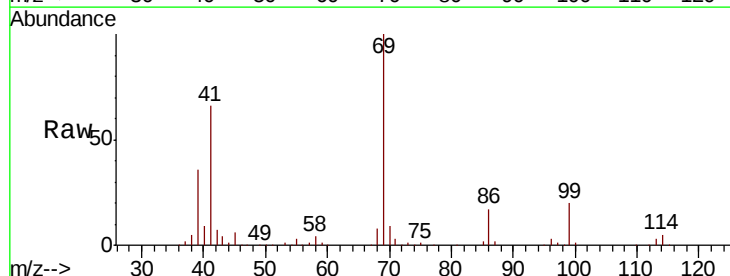
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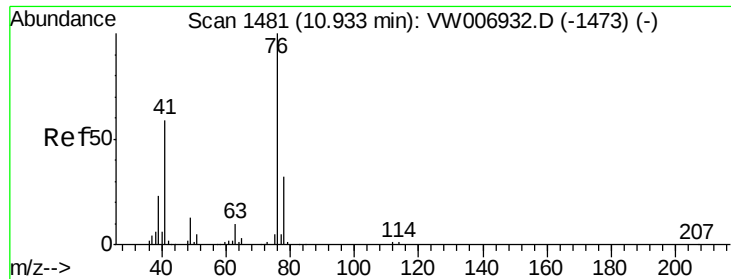
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#56
Ethyl methacrylate
Concen: 45.655 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion:	69	Resp:	58959
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.8	80.6
39	30.7	29.0	43.6





#57

1,3-Dichloropropane

Concen: 46.517 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 82206

Ion Ratio Lower Upper

76 100

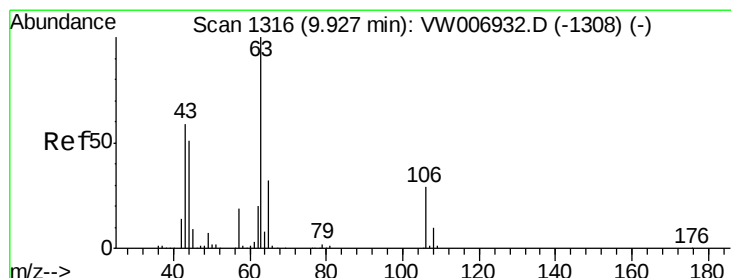
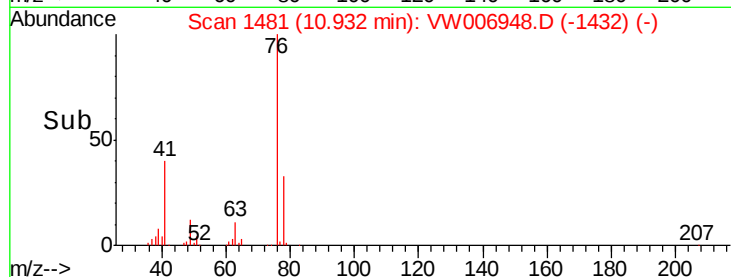
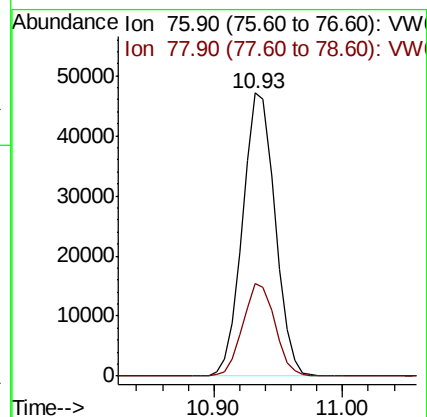
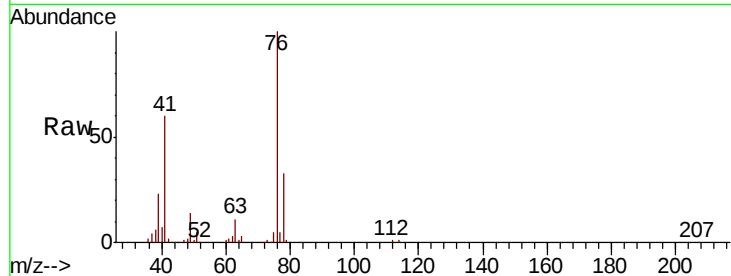
78 32.4 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 224.421 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006948.D

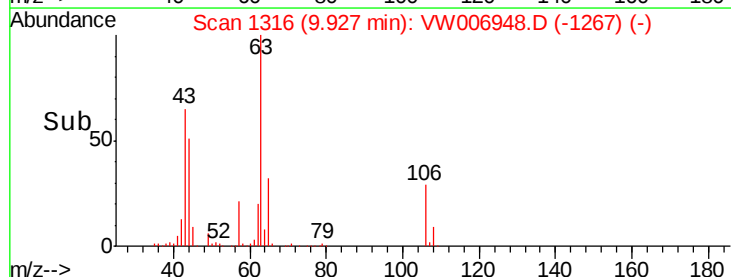
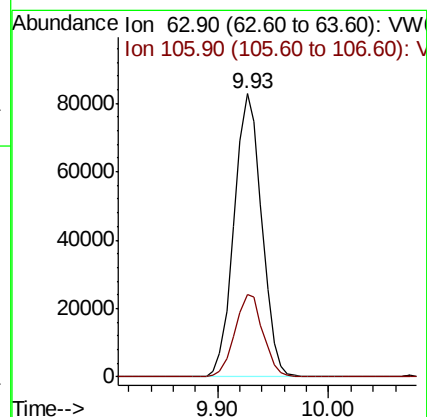
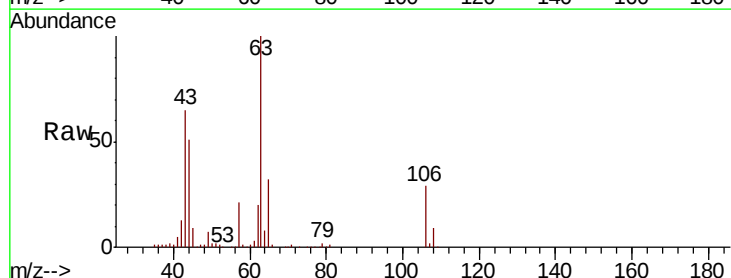
Acq: 19 Nov 2018 17:36

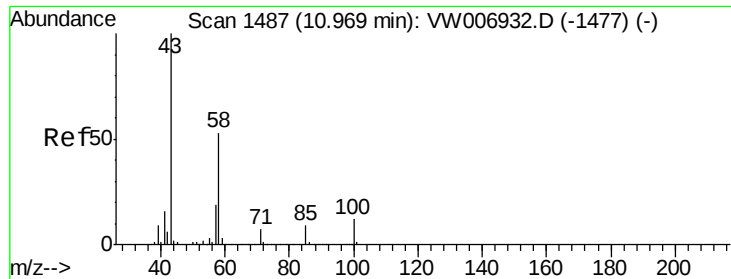
Tgt Ion: 63 Resp: 142482

Ion Ratio Lower Upper

63 100

106 29.4 22.6 33.8





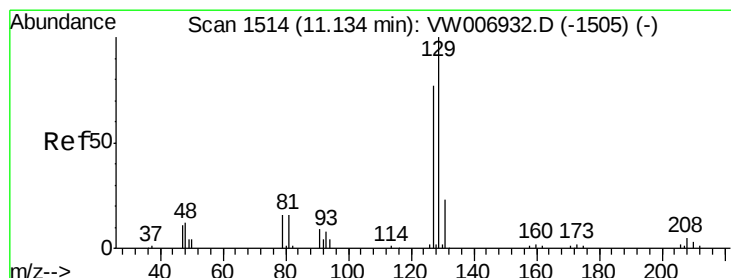
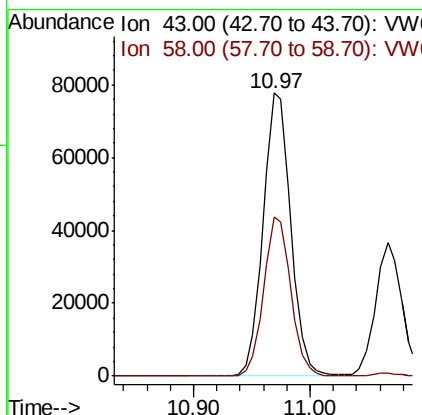
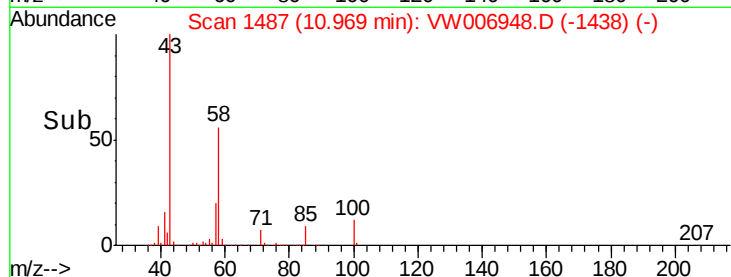
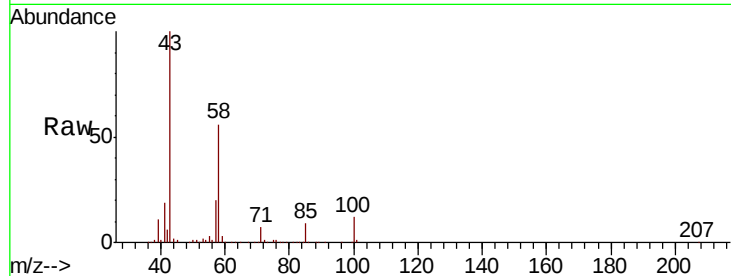
#59
2-Hexanone
Concen: 245.560 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 128761
Ion Ratio Lower Upper
43 100
58 55.1 26.8 80.4

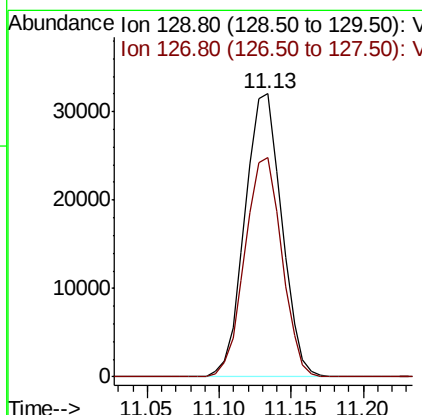
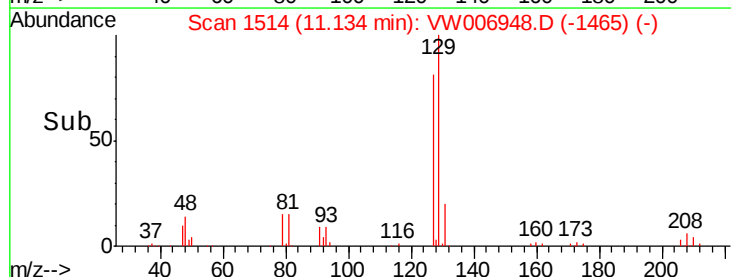
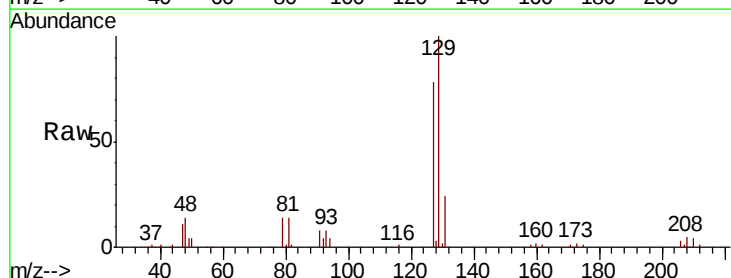
Manual Integrations
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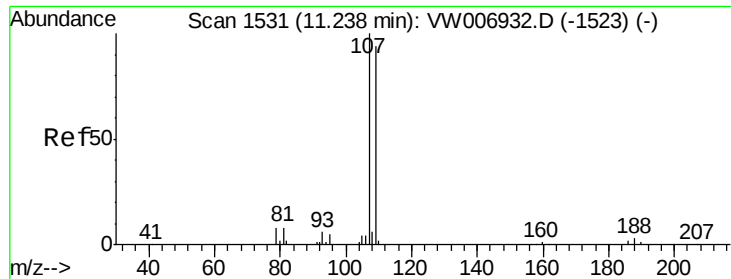
apatel
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#60
Dibromochloromethane
Concen: 47.908 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 129 Resp: 56747
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3





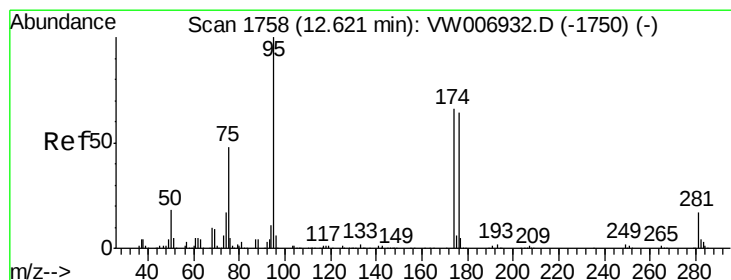
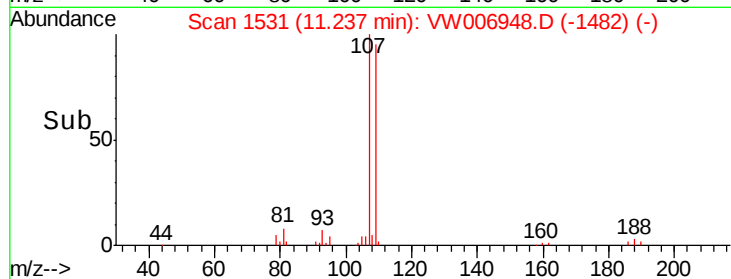
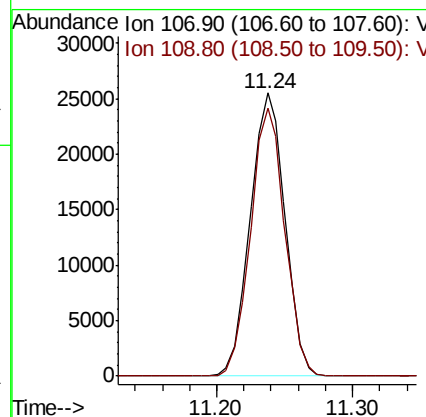
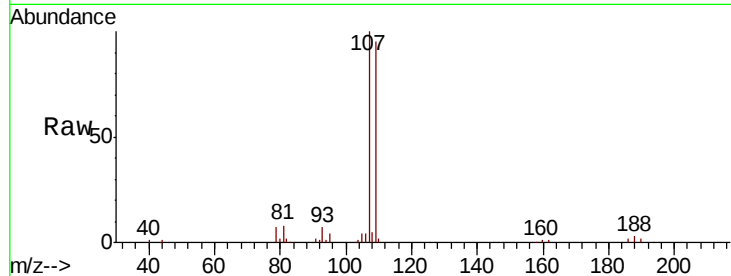
#61
 1,2-Dibromoethane
 Concen: 47.279 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.5	113.3

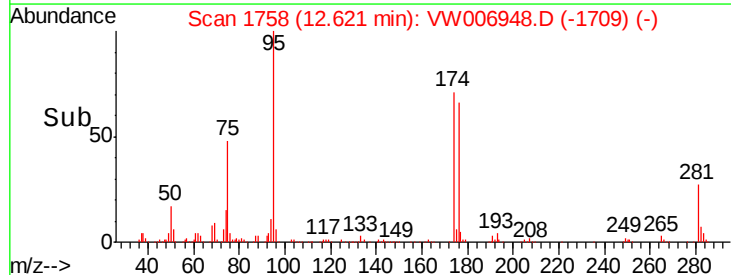
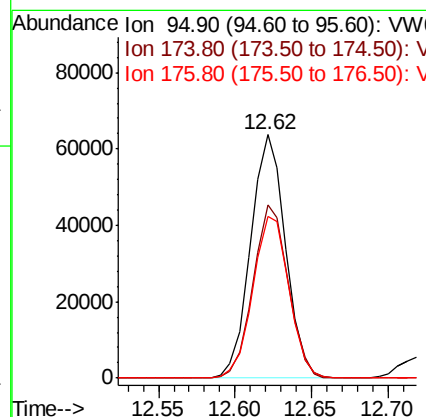
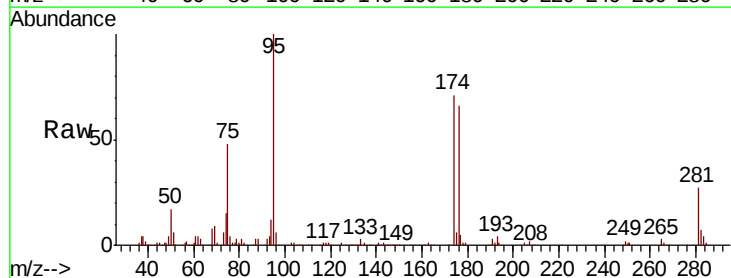
Manual Integrations
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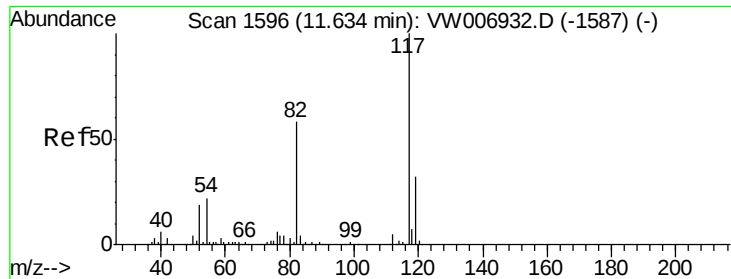
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#62
 4-Bromofluorobenzene
 Concen: 50.186 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	138.4
176	69.2	0.0	133.4





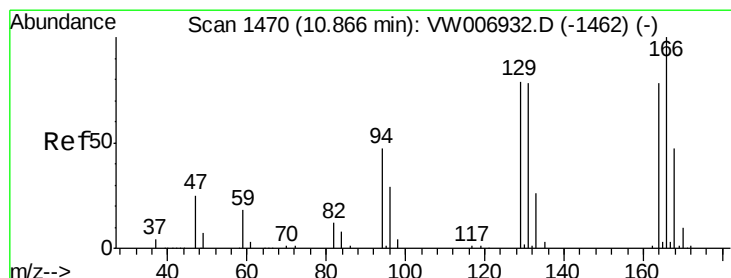
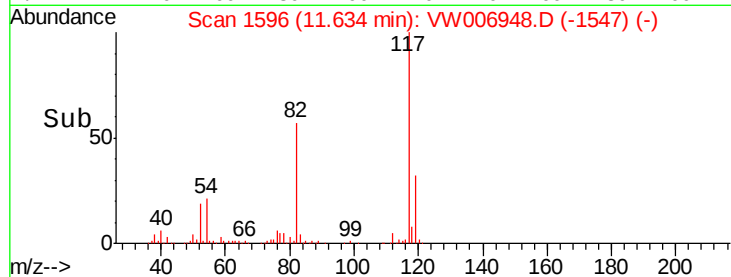
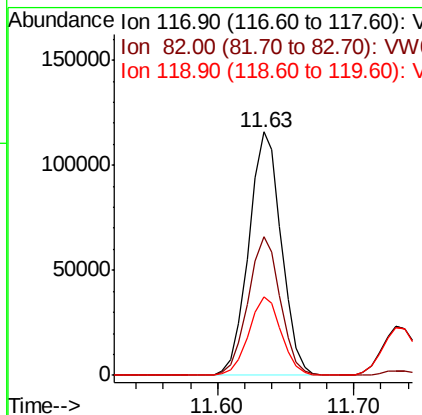
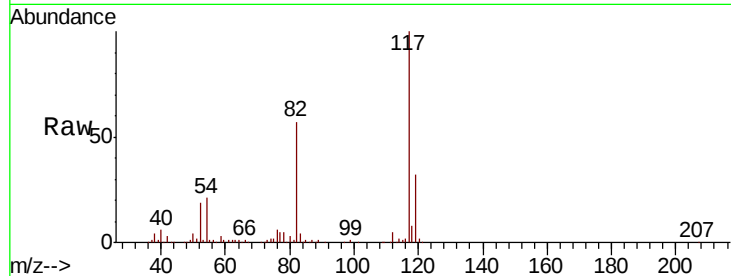
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	194348		
82	56.7	46.2	69.2	
119	32.0	25.5	38.3	

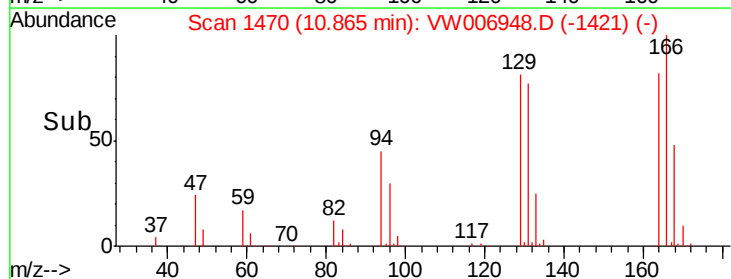
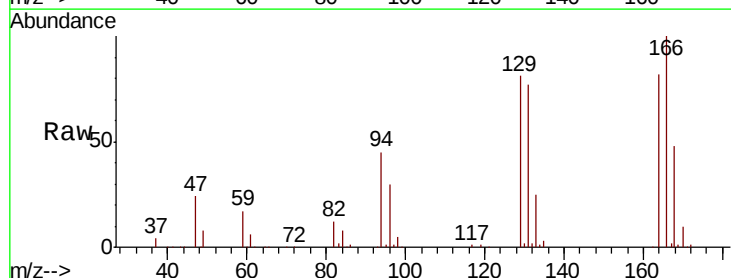
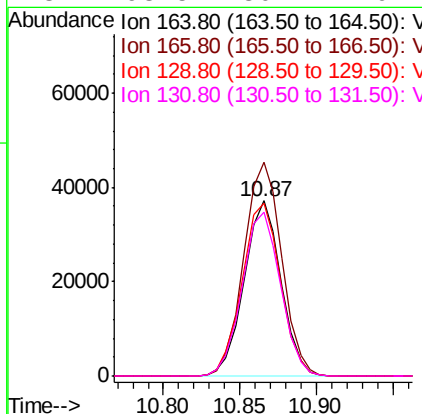
Manual Integrations
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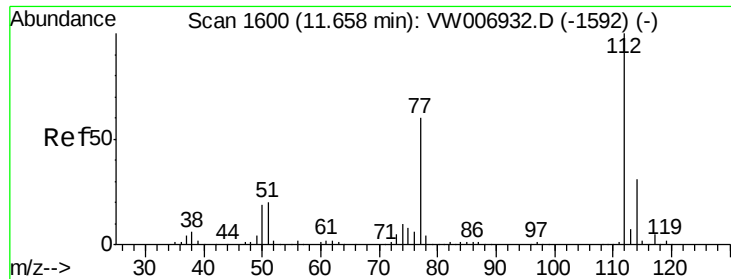
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#64
Tetrachloroethene
Concen: 49.613 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62070		
166	121.8	102.6	154.0	
129	98.6	81.0	121.4	
131	93.5	80.2	120.2	





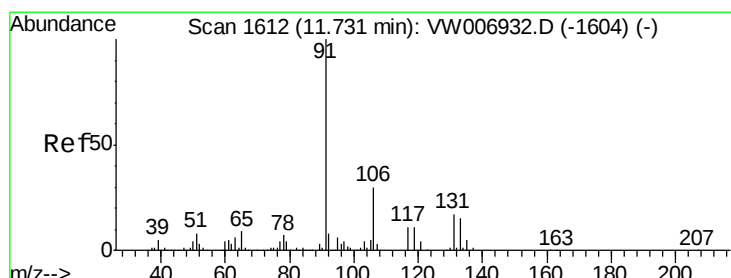
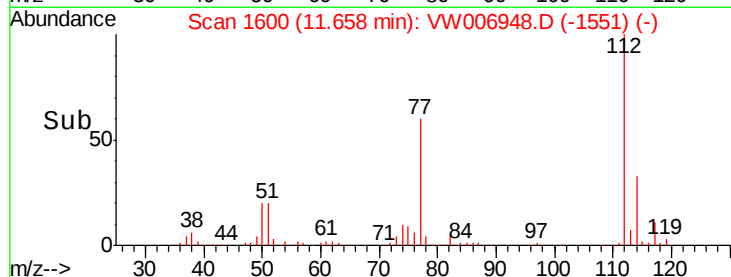
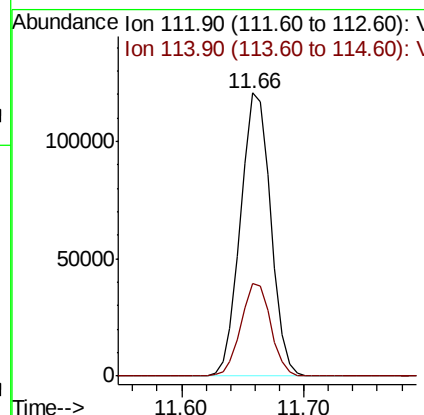
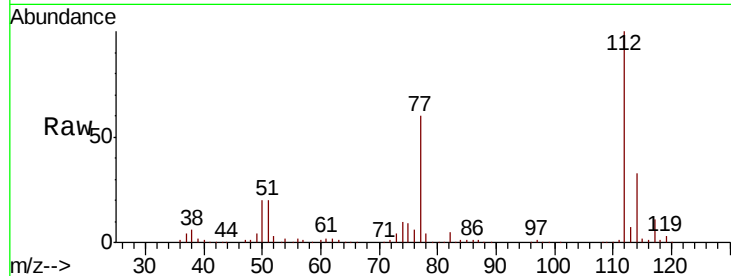
#65
Chlorobenzene
Concen: 50.325 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	24.6	37.0

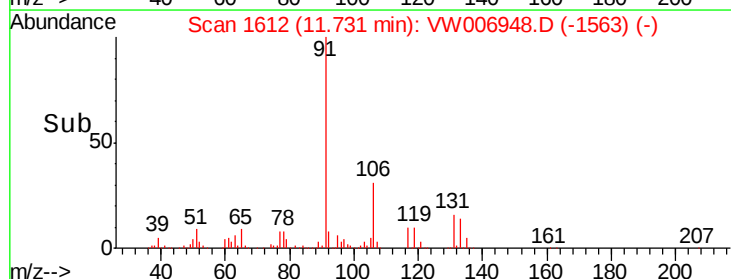
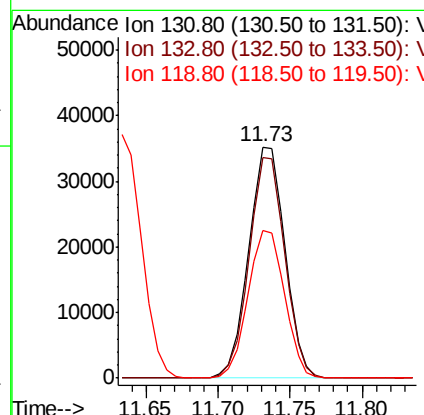
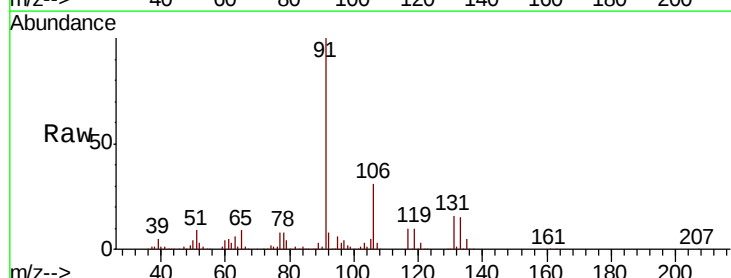
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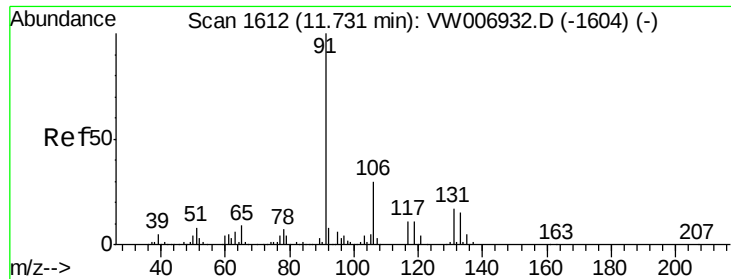
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.724 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.2	141.6
119	64.4	32.5	97.4





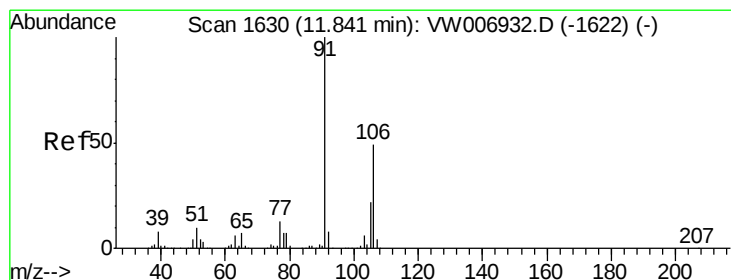
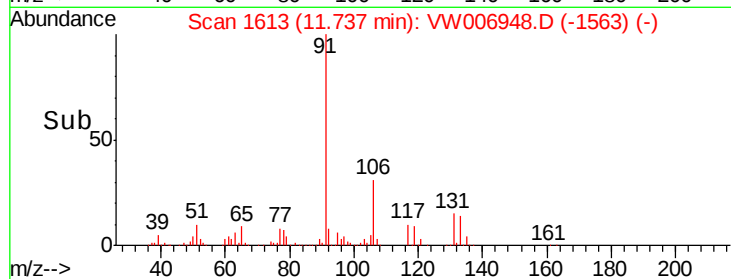
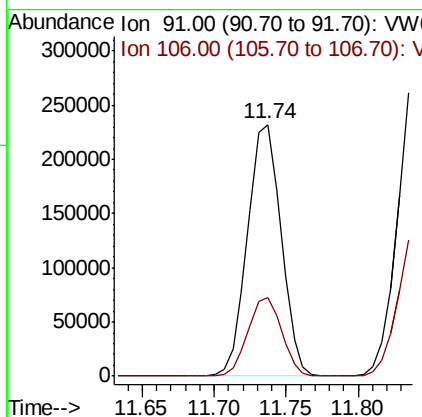
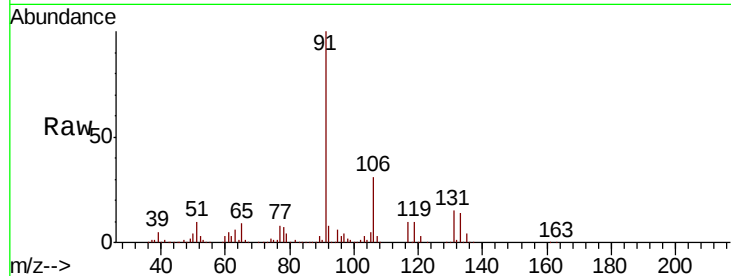
#67
Ethyl Benzene
Concen: 50.839 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 376145
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0

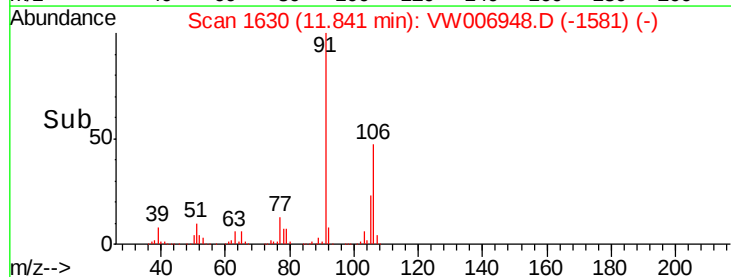
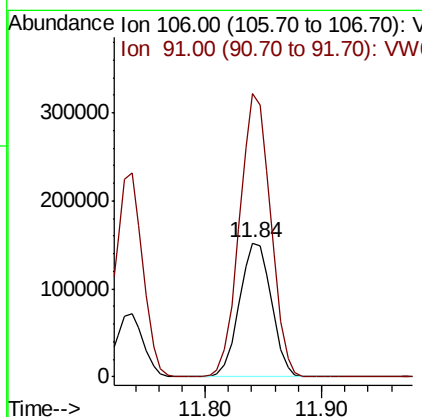
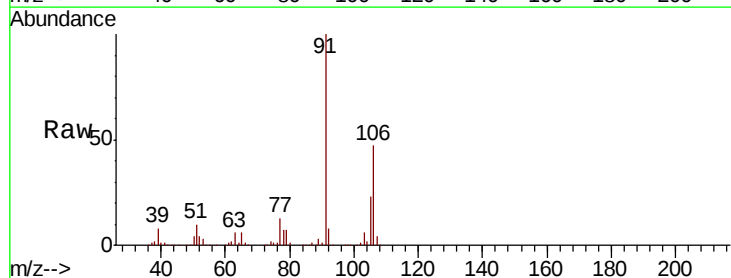
Manual Integrations
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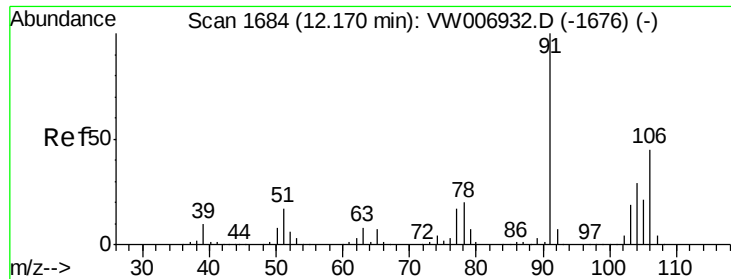
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#68
m/p-Xylenes
Concen: 101.188 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 106 Resp: 291537
Ion Ratio Lower Upper
106 100
91 206.5 165.0 247.4





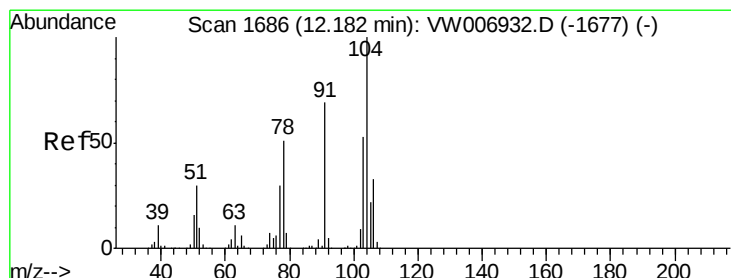
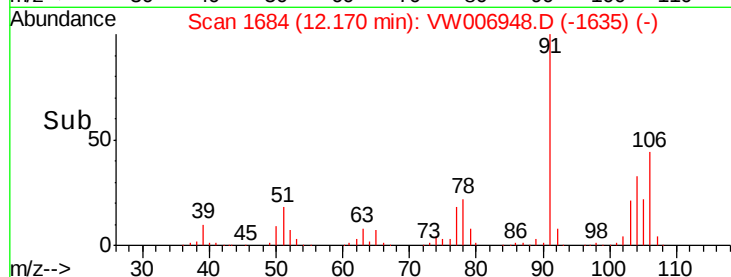
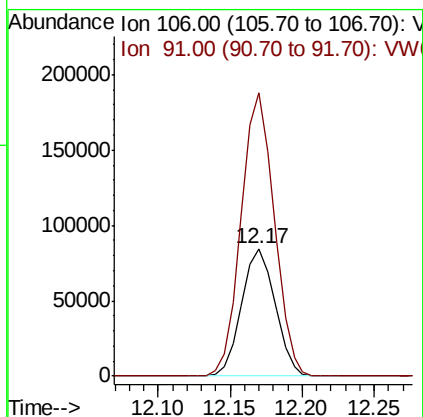
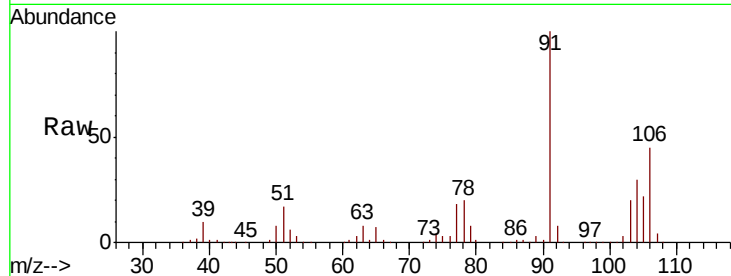
#69
o-Xylene
Concen: 50.068 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 136911
Ion Ratio Lower Upper
106 100
91 219.3 109.2 327.6

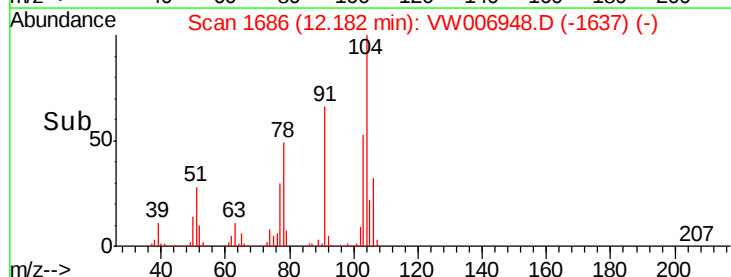
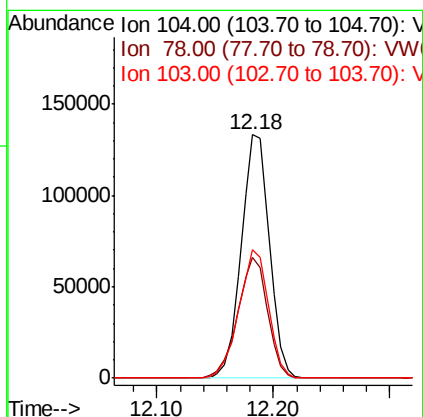
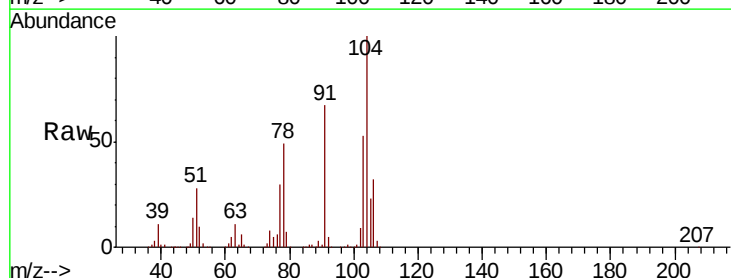
Manual Integrations
APPROVED

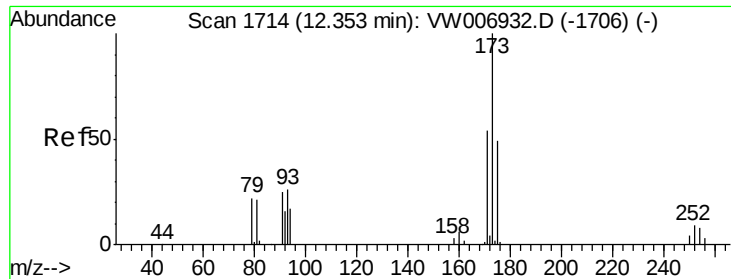
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#70
Styrene
Concen: 51.225 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion:104 Resp: 225257
Ion Ratio Lower Upper
104 100
78 52.4 42.5 63.7
103 55.3 44.3 66.5





#71

Bromoform

Concen: 48.733 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

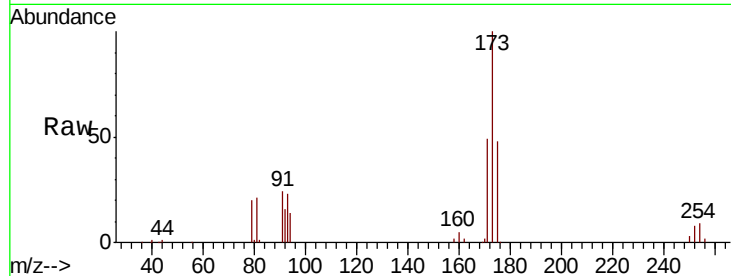
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	29711
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.0	72.0
254	0.0	0.0	0.0

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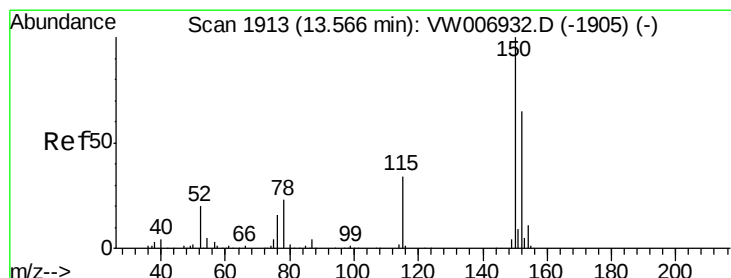
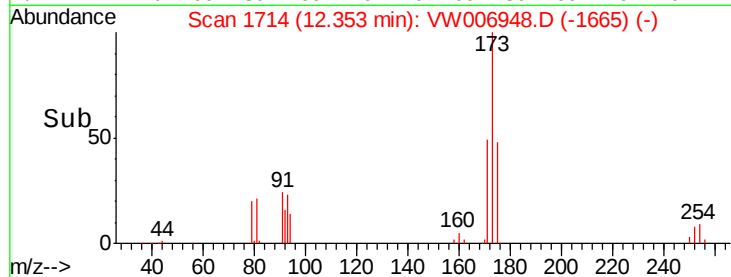
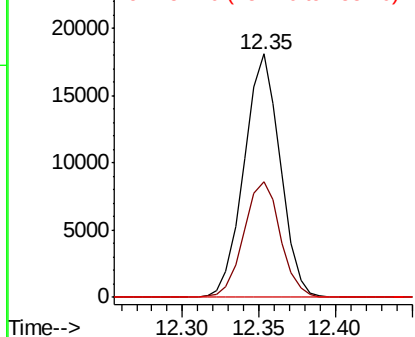


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

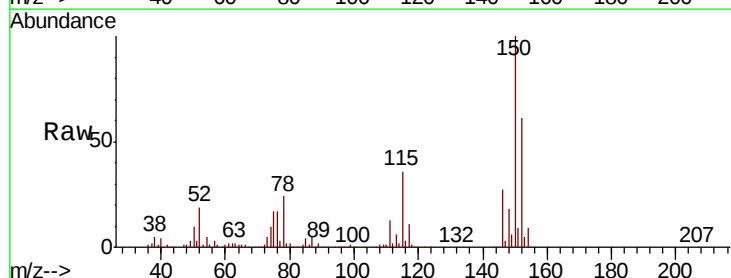
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Tgt Ion:	152	Resp:	96093
Ion Ratio	Lower	Upper	
152	100		
115	61.7	31.6	94.7
150	176.1	0.0	350.0

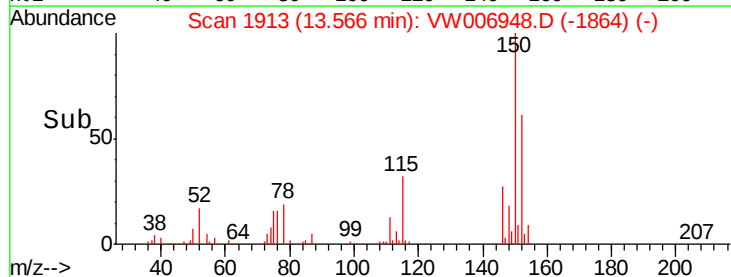
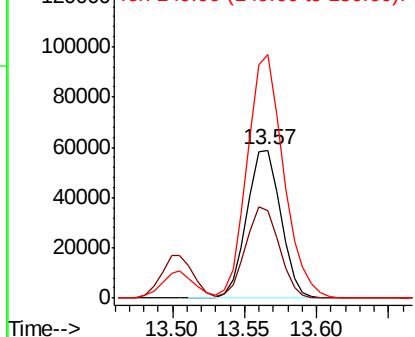


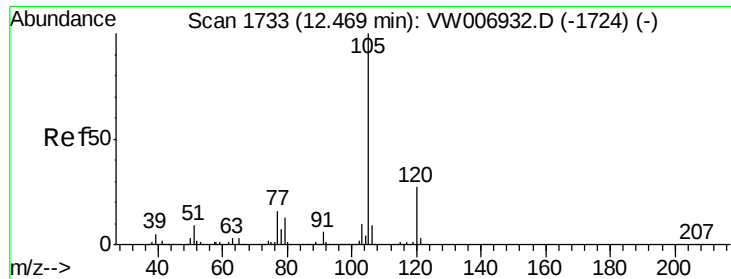
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.885 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 379627

Ion Ratio Lower Upper

105 100

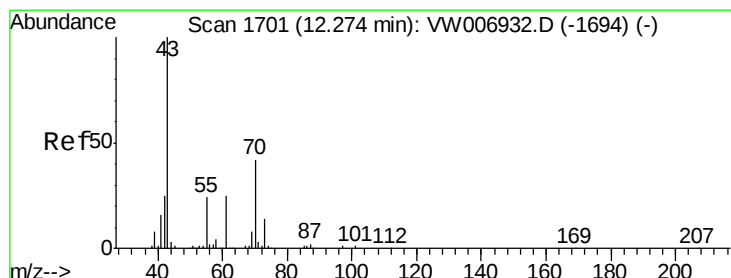
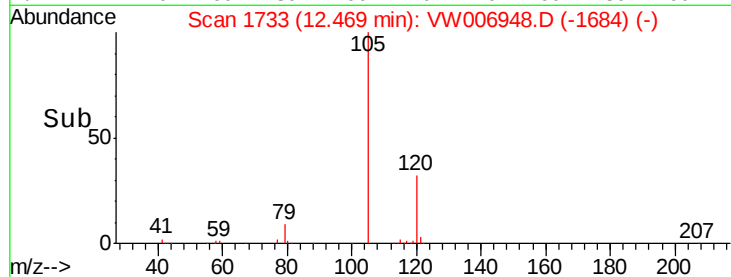
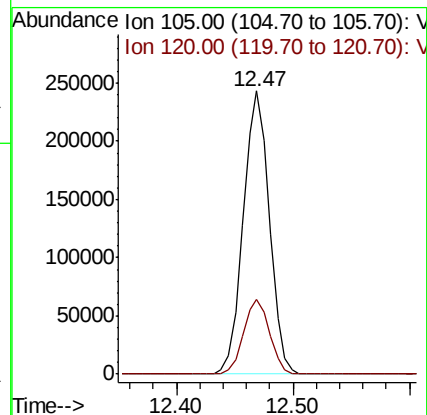
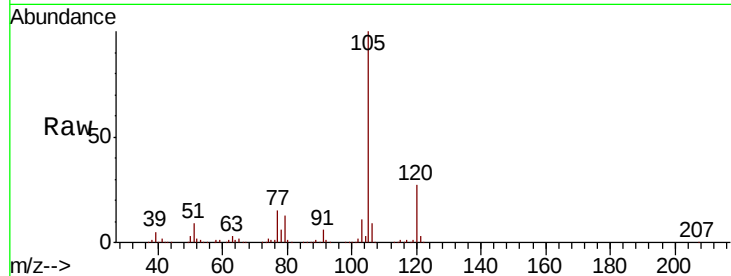
120 26.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 42.819 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Tgt Ion: 43 Resp: 65216

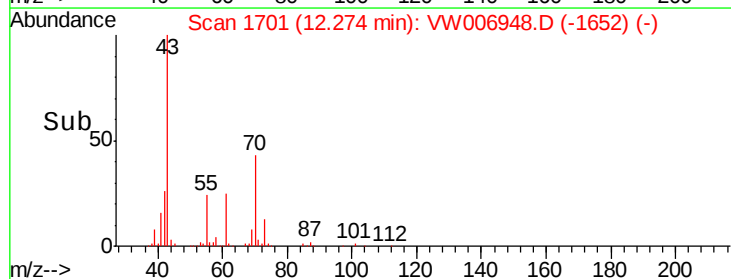
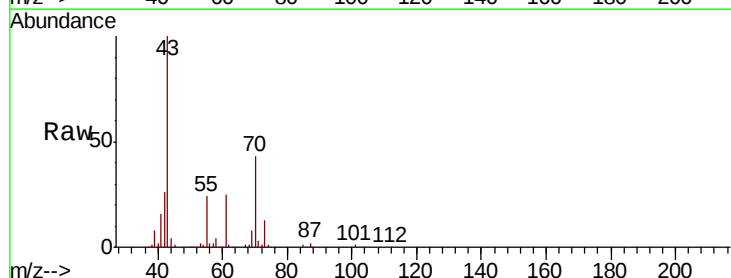
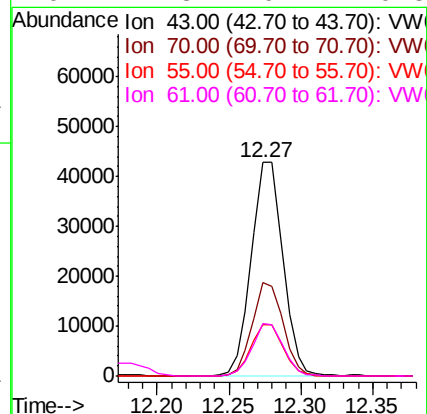
Ion Ratio Lower Upper

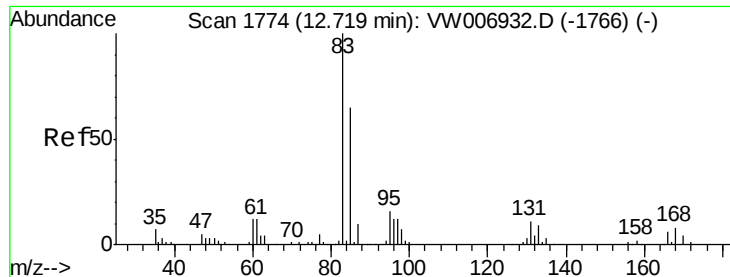
43 100

70 42.5 34.2 51.4

55 24.2 19.5 29.3

61 24.3 19.7 29.5





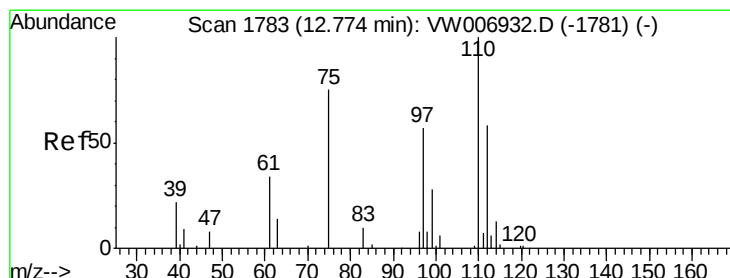
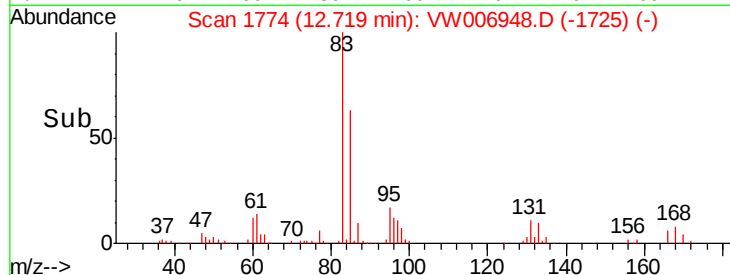
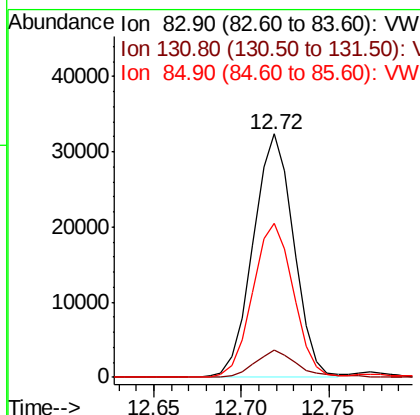
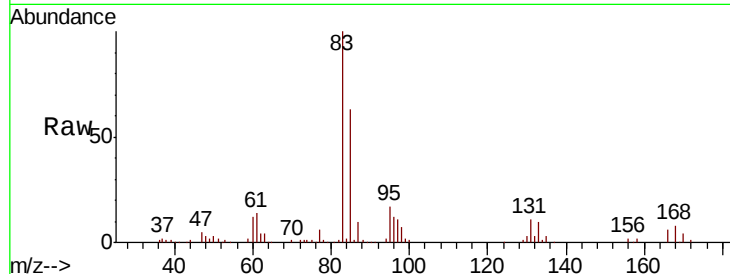
#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.704 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	52281
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.6	16.8
85	63.3	32.5	97.5

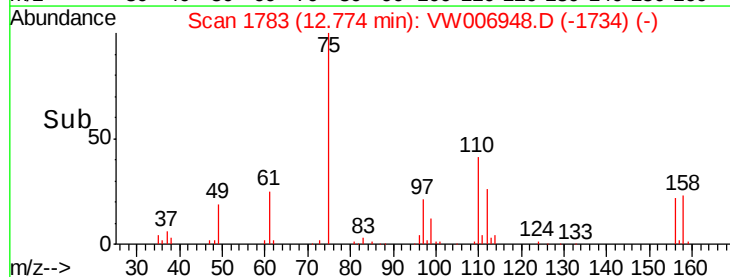
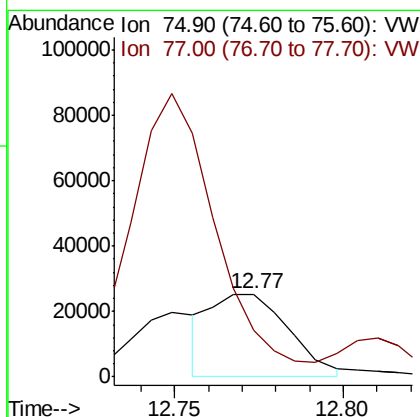
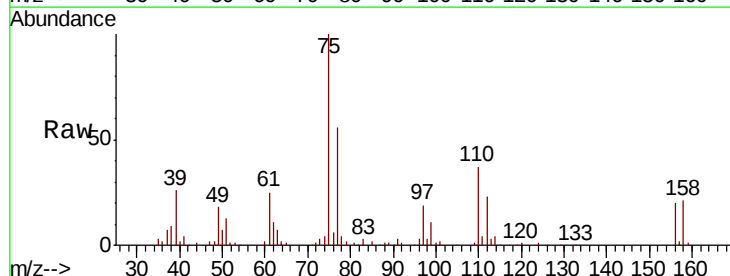
Manual Integrations
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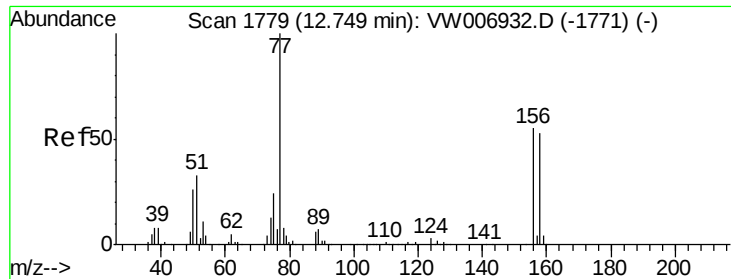
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#76
 1,2,3-Trichloropropane
 Concen: 53.000 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion	75	Resp	40928
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





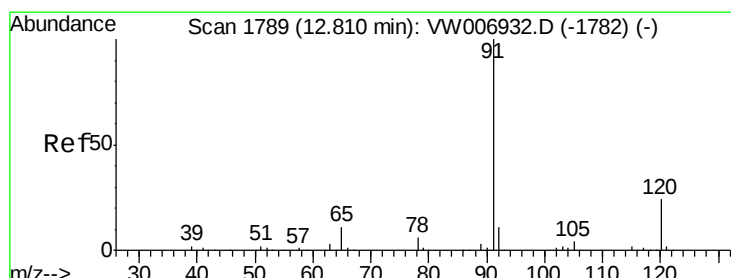
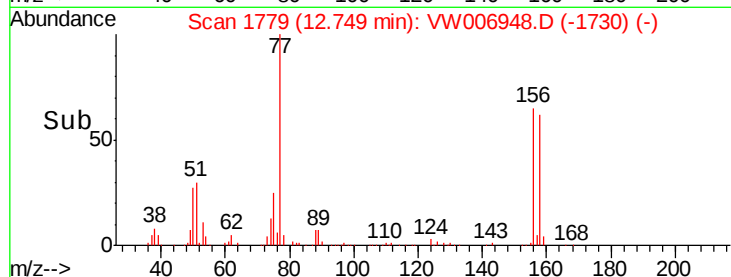
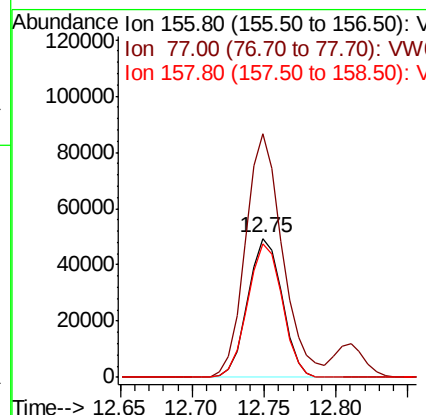
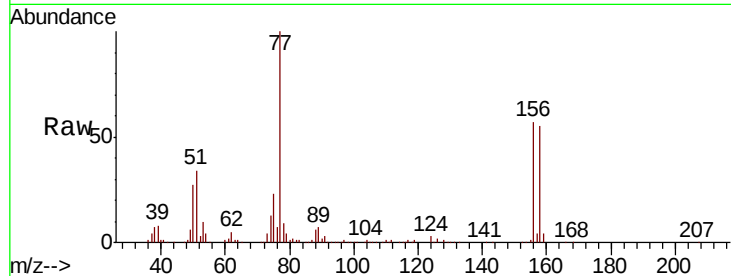
#77
Bromobenzene
Concen: 50.389 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	190.3	97.8	293.3
158	96.7	47.9	143.7

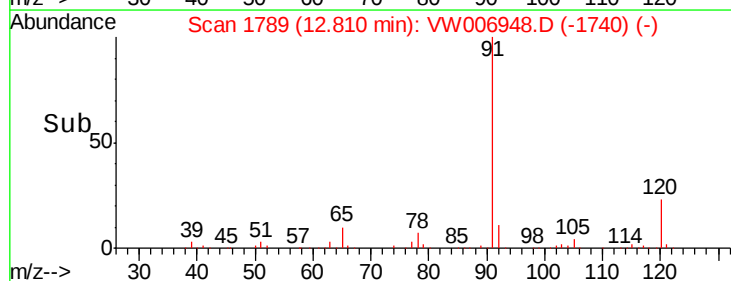
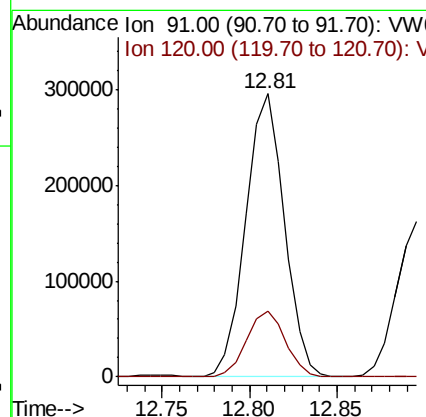
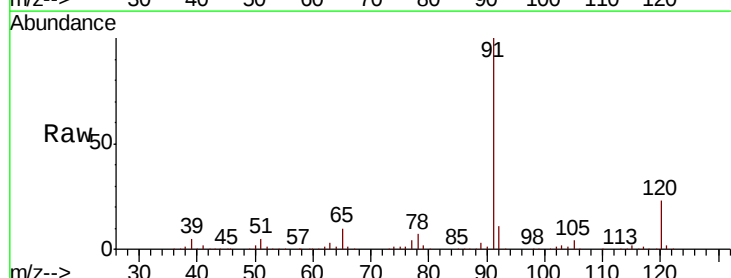
Manual Integrations
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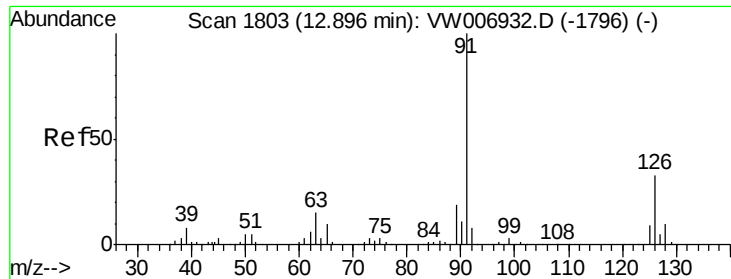
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#78
n-propylbenzene
Concen: 49.640 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5





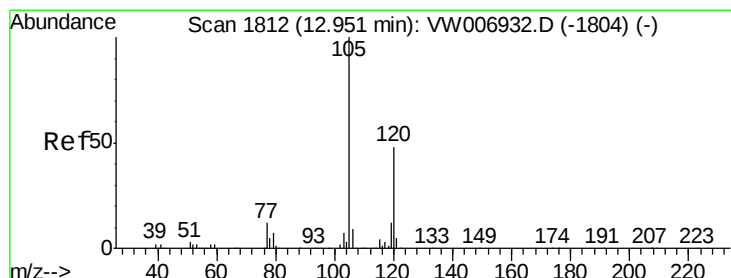
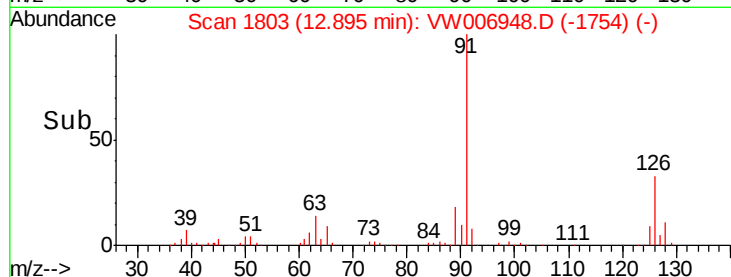
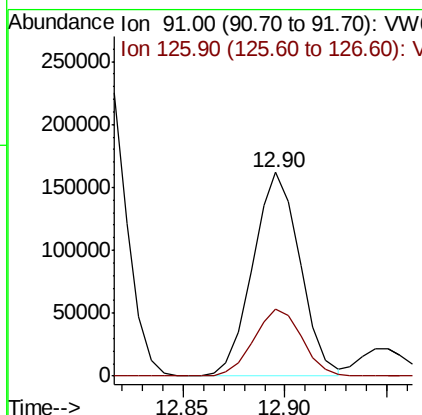
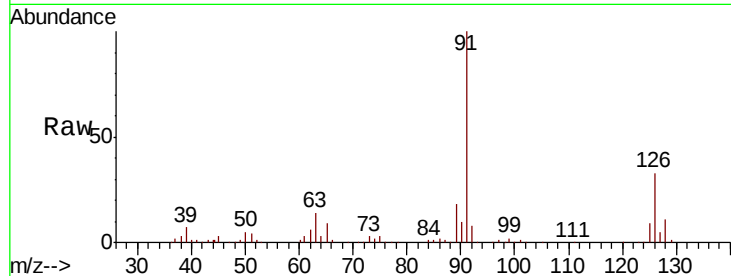
#79
 2-Chlorotoluene
 Concen: 48.656 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 260750
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.6 49.7

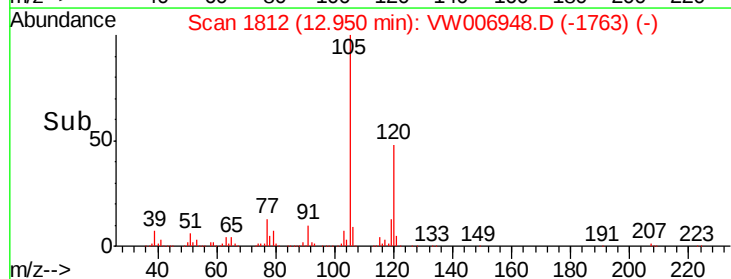
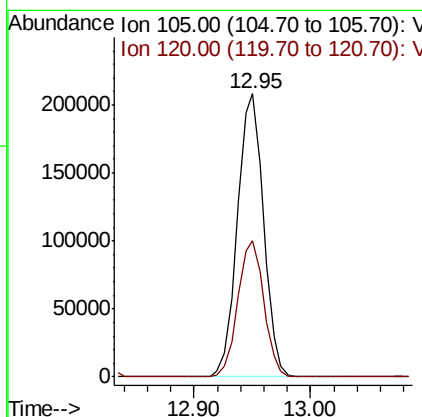
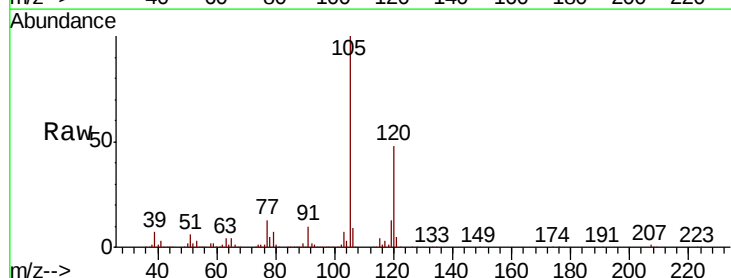
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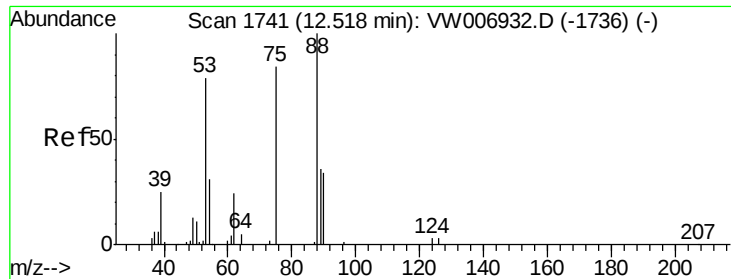
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.746 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion: 105 Resp: 325976
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.5 70.5





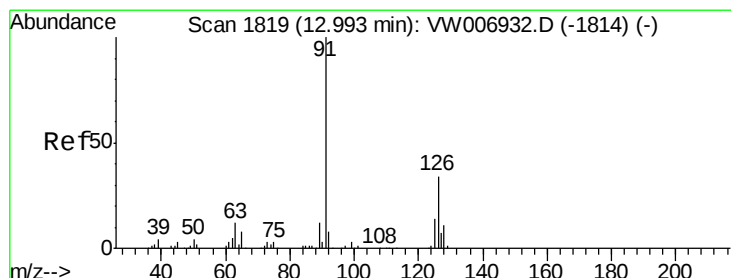
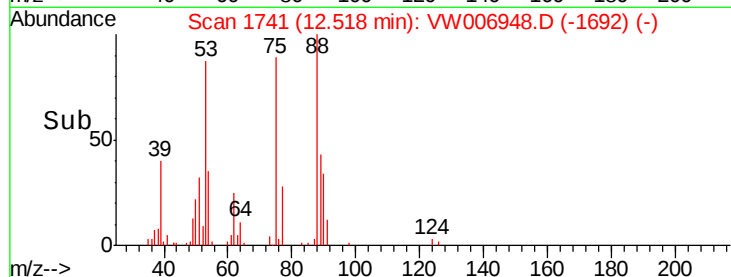
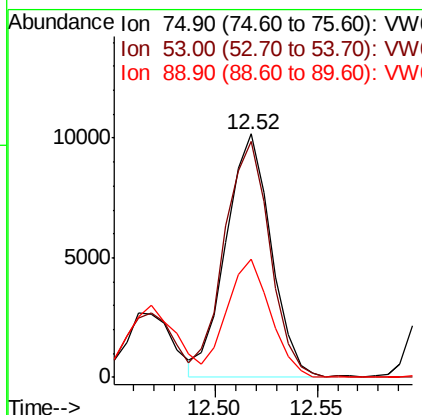
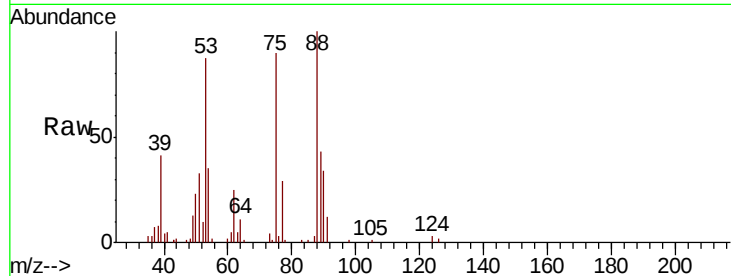
#81
trans-1,4-Dichloro-2-butene
Concen: 45.938 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	79.3	118.9
89	46.7	39.5	59.3

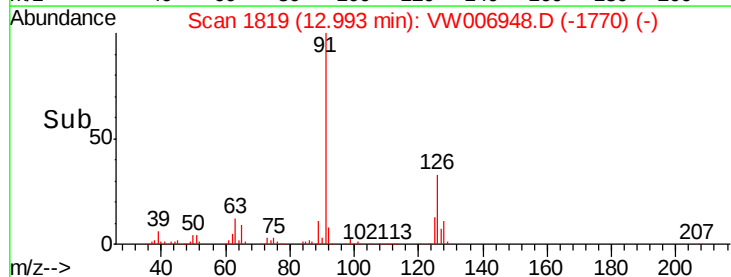
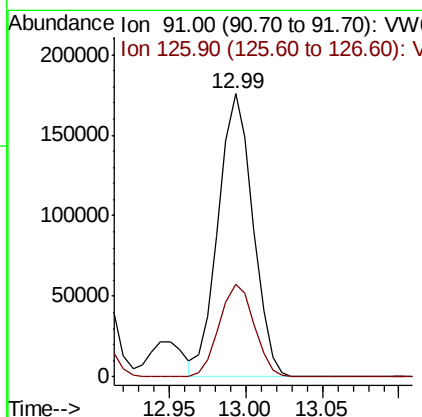
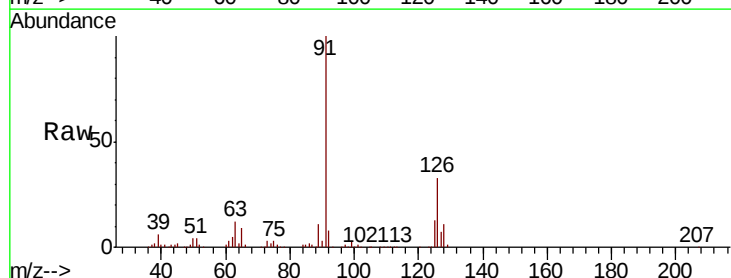
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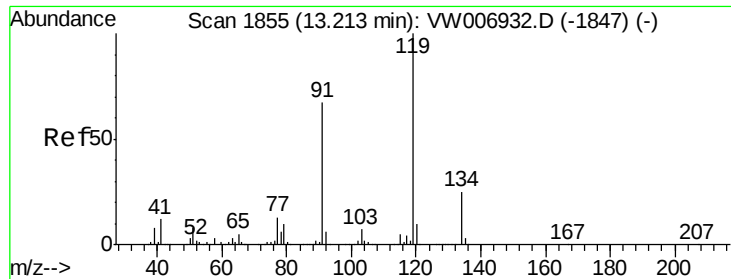
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#82
4-Chlorotoluene
Concen: 49.174 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.2	48.6





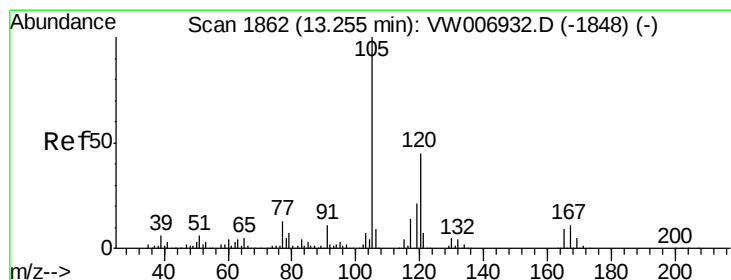
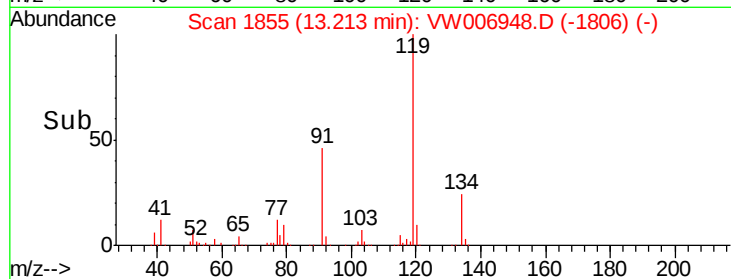
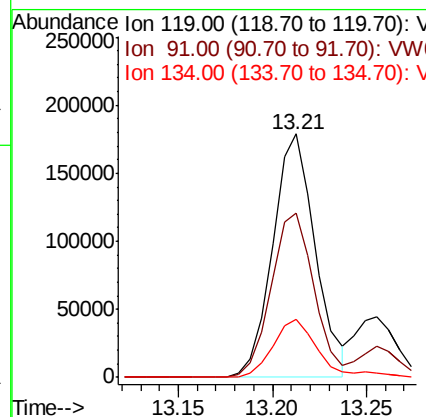
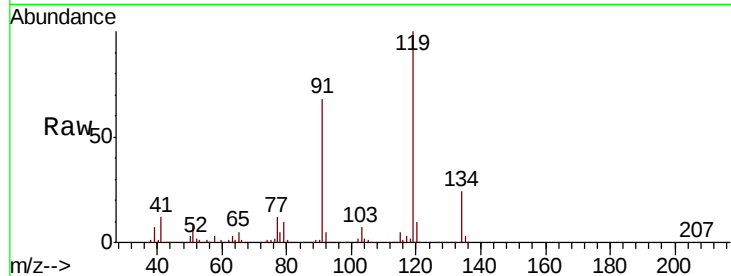
#83
tert-Butylbenzene
Concen: 50.371 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.7	33.8	101.4
134	25.7	12.6	37.8

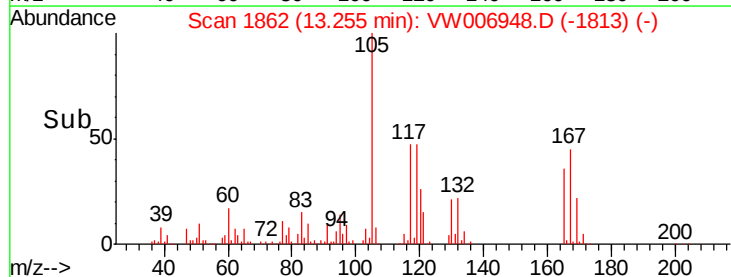
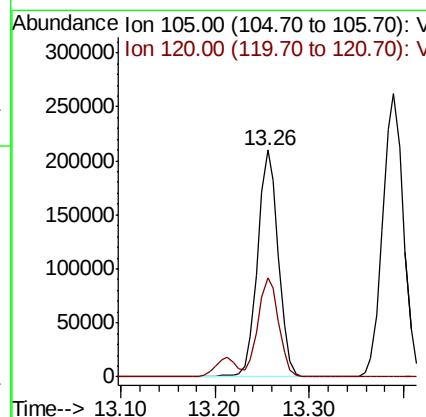
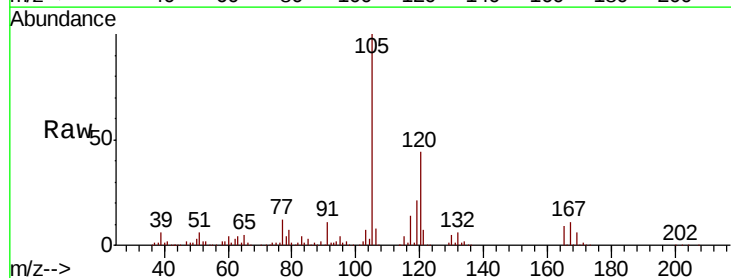
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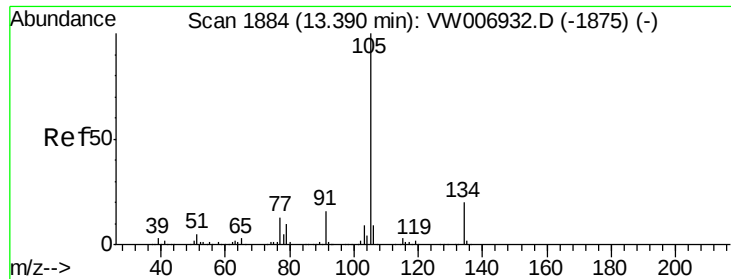
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#84
1,2,4-Trimethylbenzene
Concen: 49.401 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.9	65.8





#85

sec-Butylbenzene

Concen: 50.396 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 400149

Ion Ratio Lower Upper

105 100

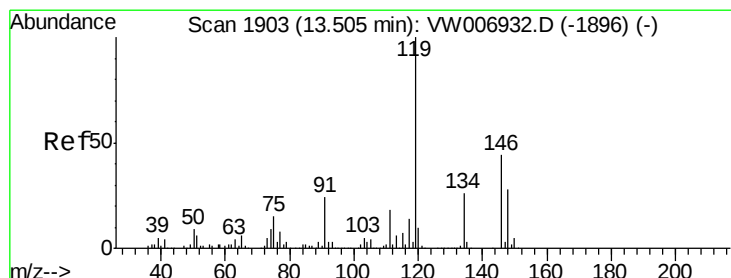
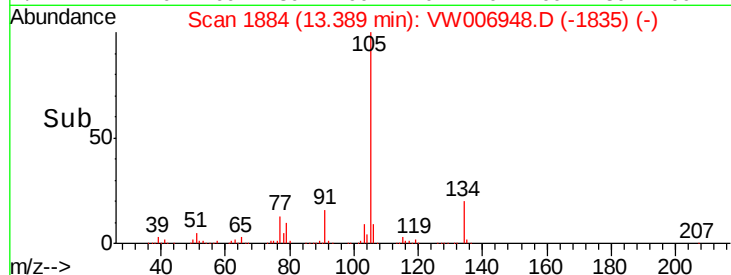
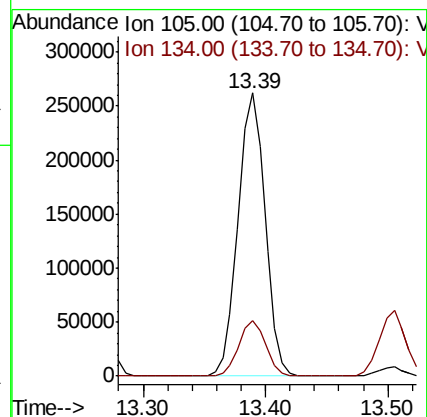
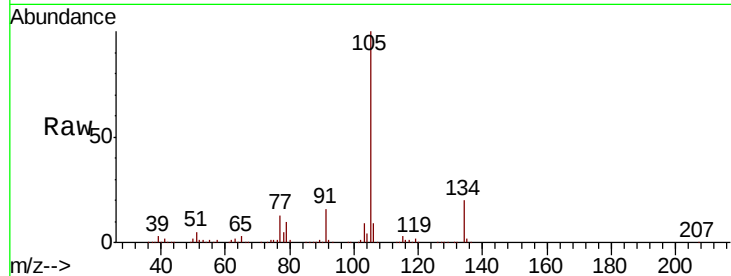
134 19.5 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.868 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

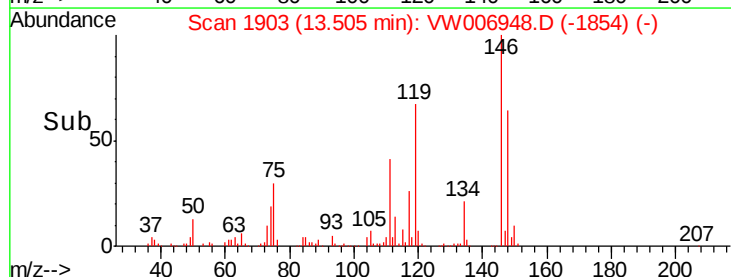
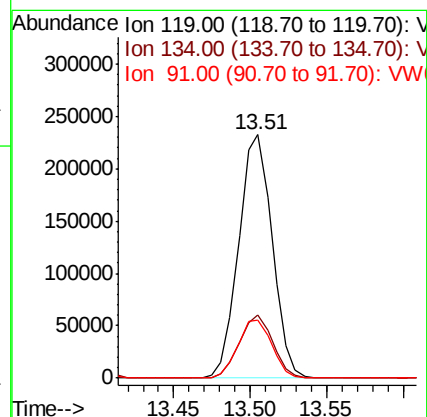
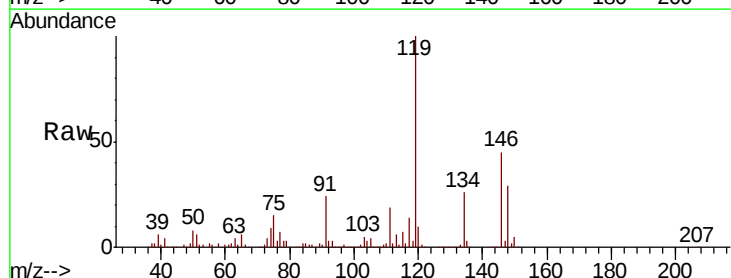
Tgt Ion:119 Resp: 353001

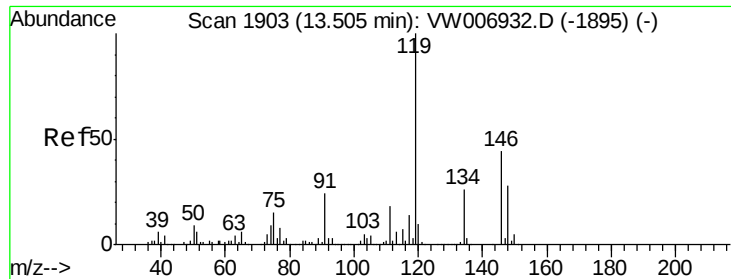
Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

91 24.4 12.4 37.2





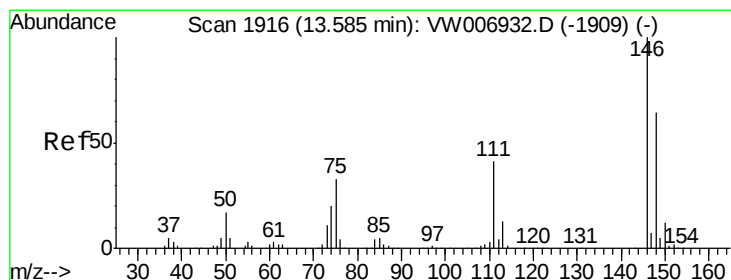
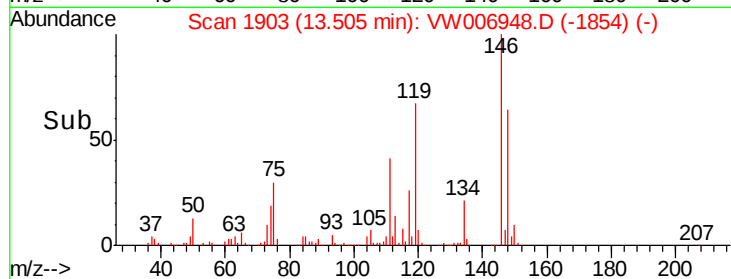
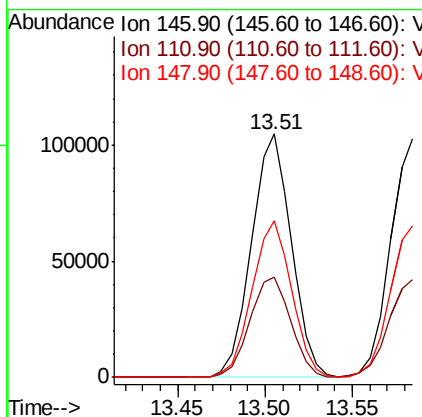
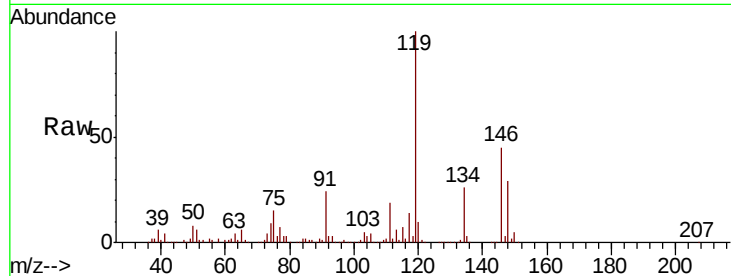
#87
 1,3-Dichlorobenzene
 Concen: 50.250 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	63.9	31.9	95.9

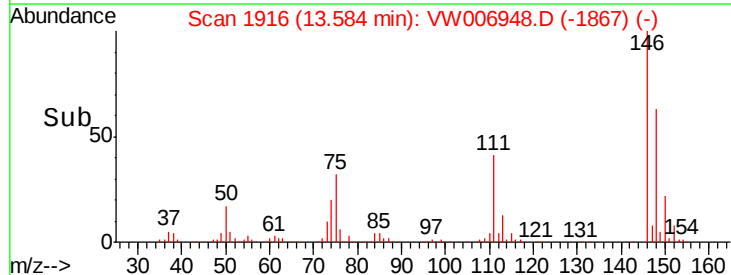
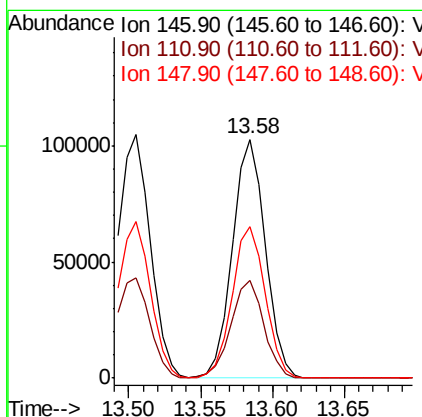
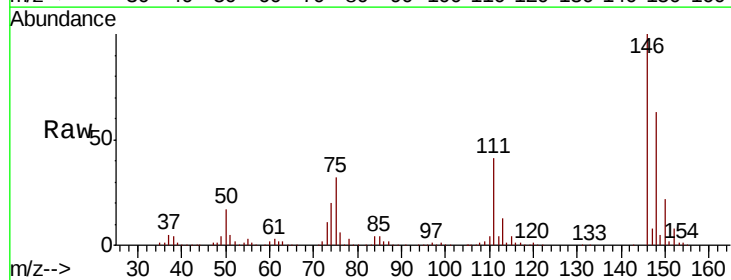
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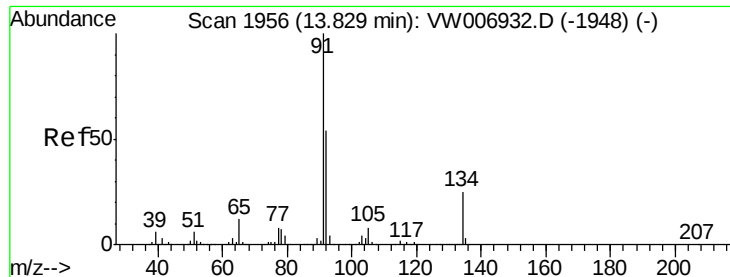
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#88
 1,4-Dichlorobenzene
 Concen: 49.888 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.7	62.1
148	64.0	31.9	95.9





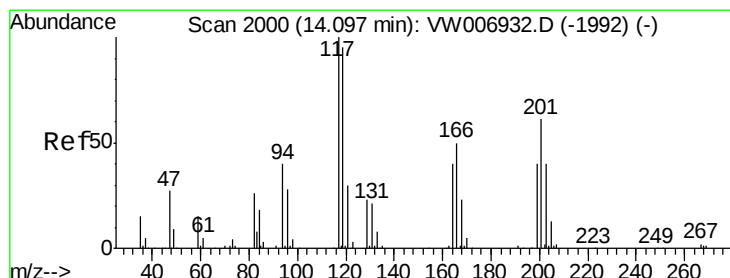
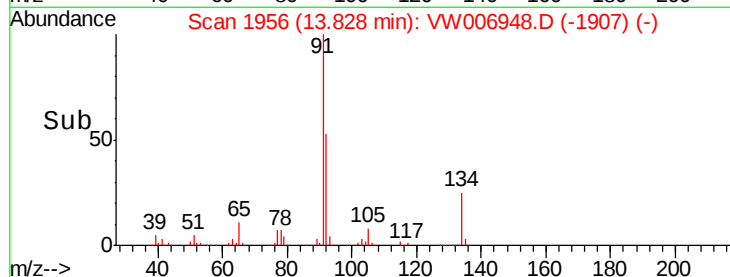
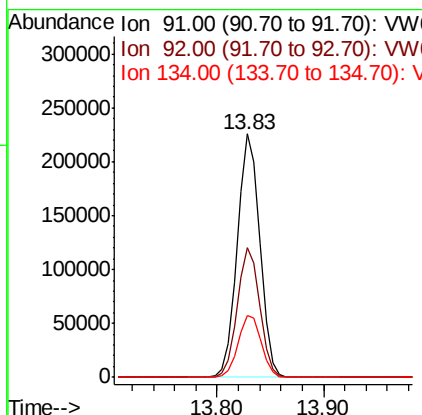
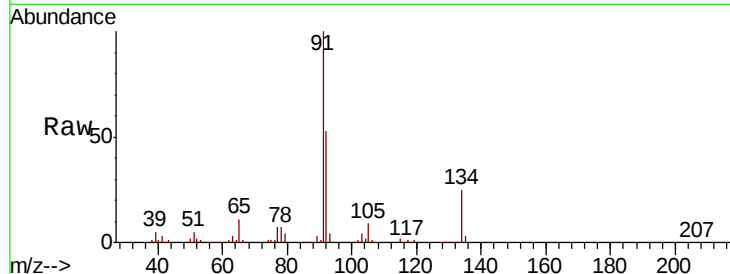
#89
n-Butylbenzene
Concen: 51.181 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	26.2	12.9	38.6

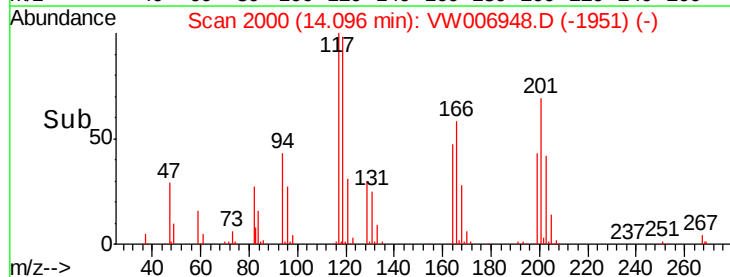
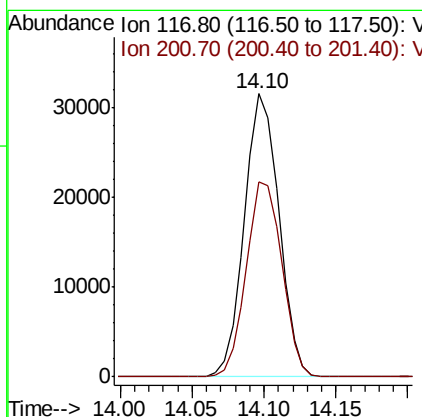
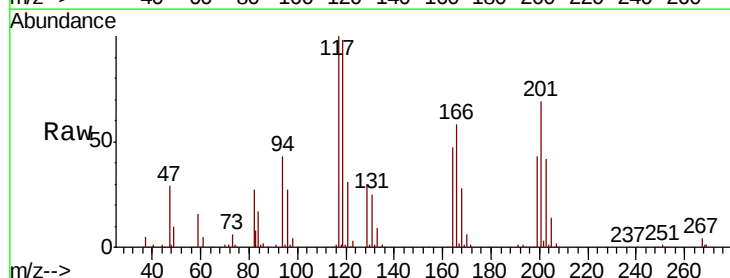
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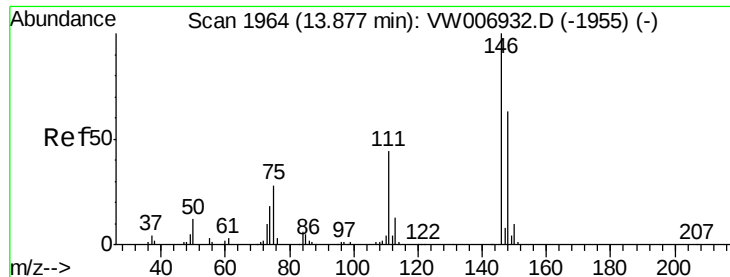
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#90
Hexachloroethane
Concen: 46.417 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.6	33.8	101.4





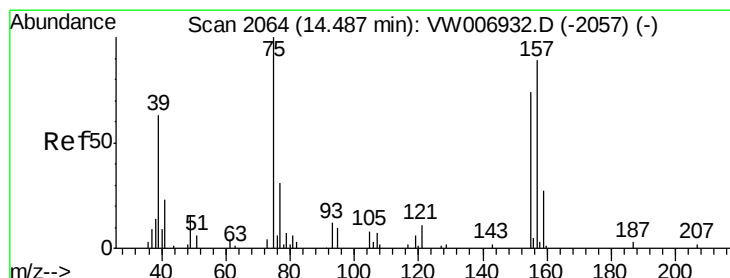
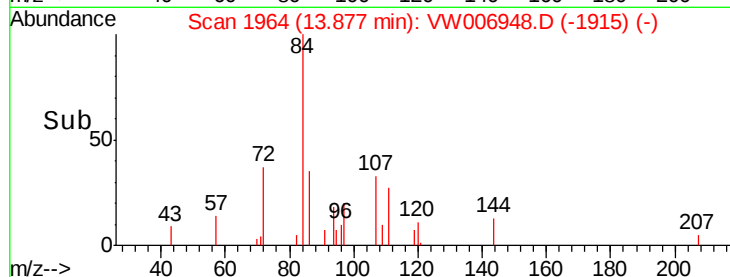
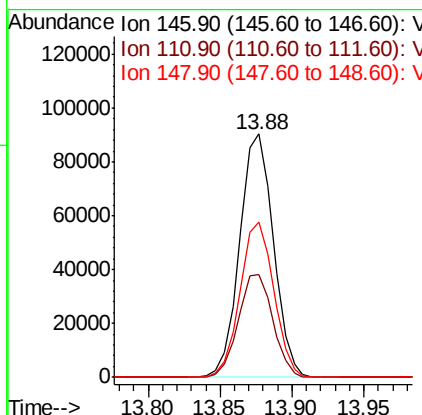
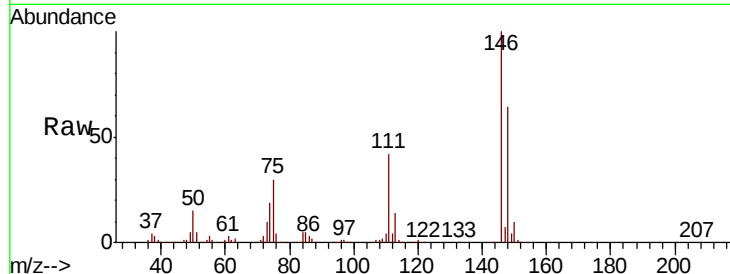
#91
 1,2-Dichlorobenzene
 Concen: 49.731 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.6	67.7
148	63.8	31.7	95.1

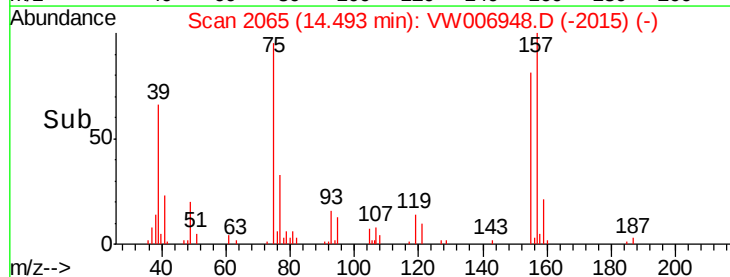
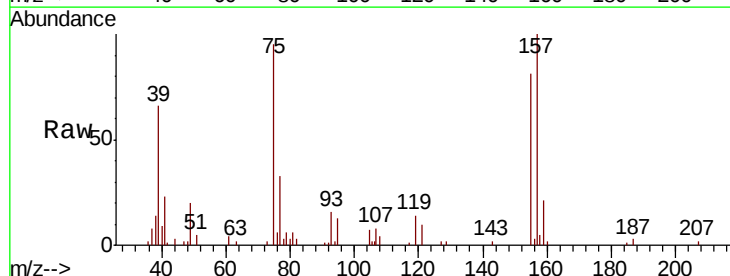
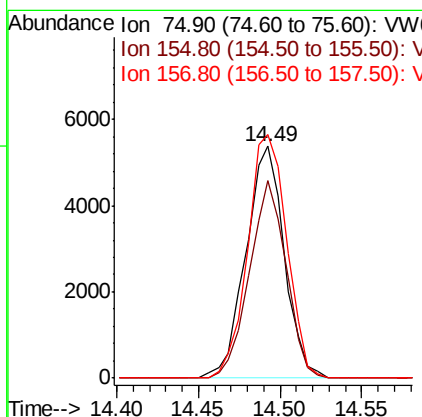
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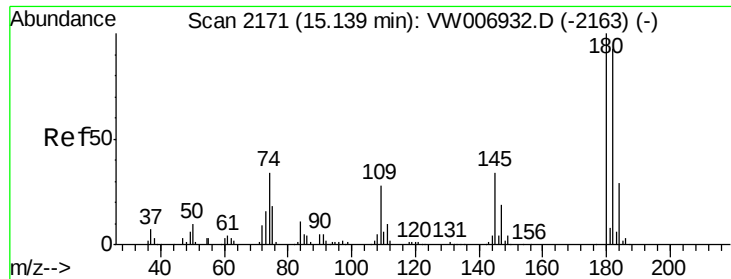
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.480 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	38.6	115.7
157	106.8	49.7	149.1





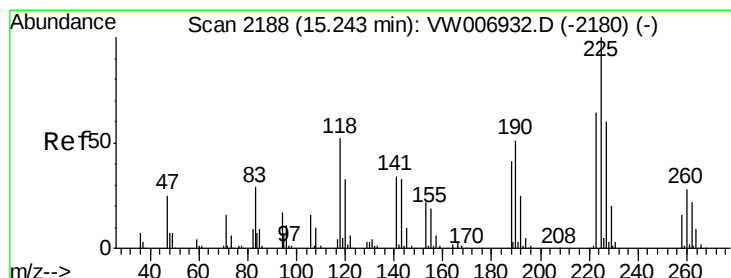
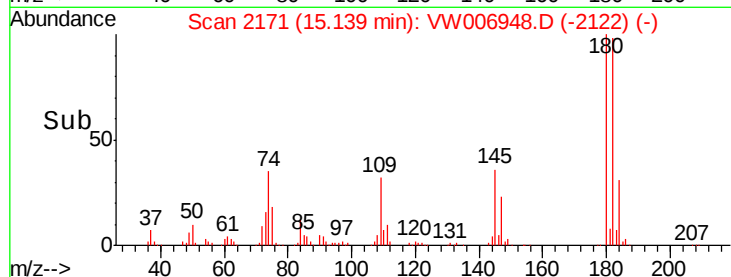
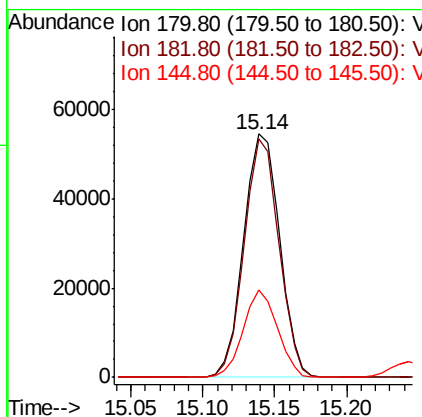
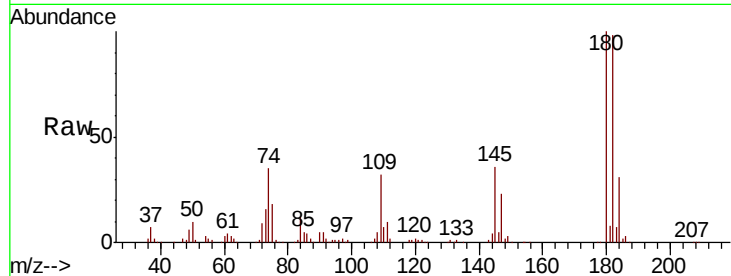
#93
1,2,4-Trichlorobenzene
Concen: 50.857 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	34.0	16.8	50.4

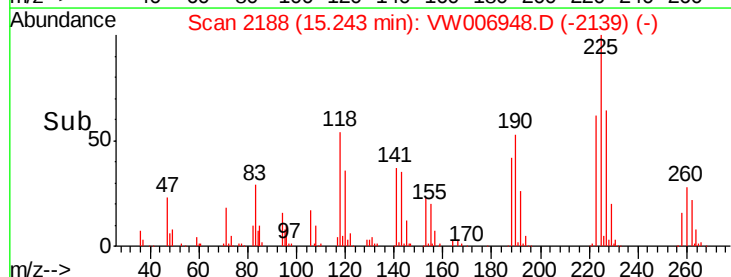
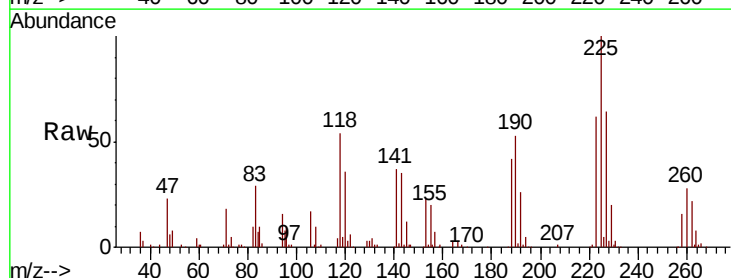
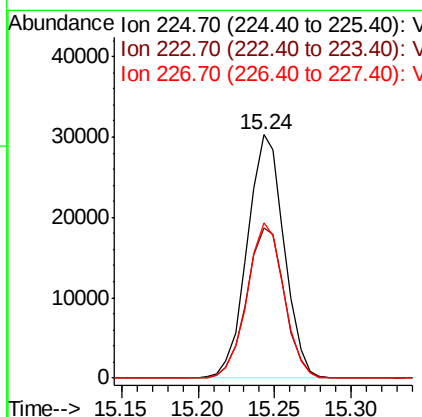
Manual Integrations
APPROVED

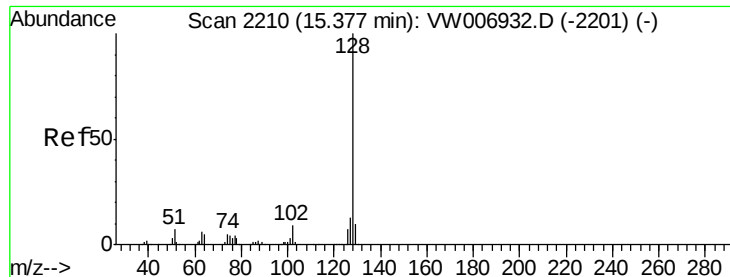
apatel
11/20/2018 4:34:50 PM



#94
Hexachlorobutadiene
Concen: 51.712 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.1	96.3
227	63.3	31.6	95.0





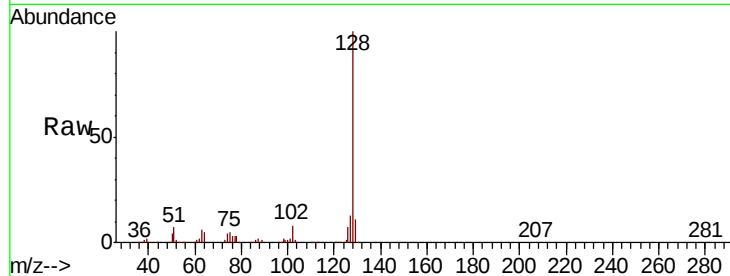
#95
Naphthalene
Concen: 49.274 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.5	12.7

Manual Integrations
APPROVED

apatel
11/20/2018 4:34:50 PM

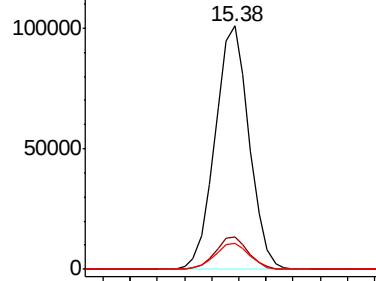


Abundance

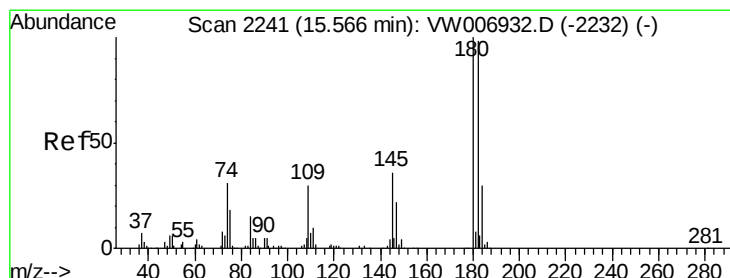
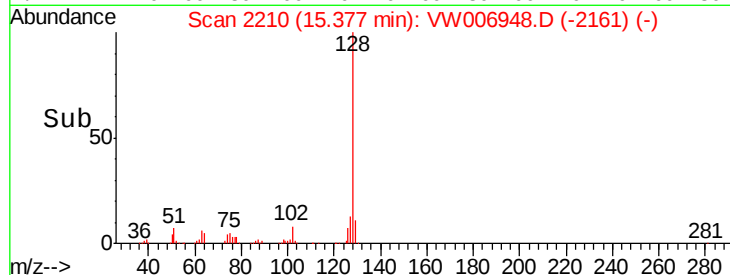
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

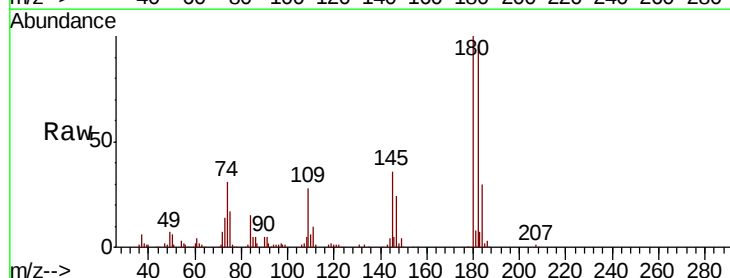


Time-->



#96
1,2,3-Trichlorobenzene
Concen: 50.303 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.4	142.2
145	35.1	17.6	52.9

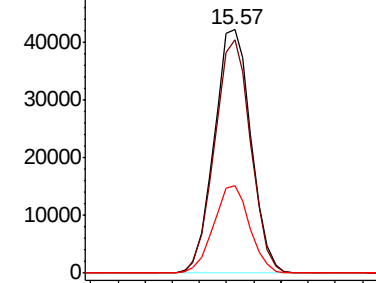


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

