

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006806.D
 Acq On : 12 Nov 2018 13:41
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 11/13/2018 11:53:40 AM

Quant Time: Nov 12 14:10:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 12:19:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	326683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	422479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	236824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106229	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
35) Dibromofluoromethane	7.89	113	117267	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.33	98	506817	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.62	95	186144	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	131635	49.560	ug/l	97
3) Chloromethane	2.21	50	149869	47.000	ug/l	100
4) Vinyl Chloride	2.36	62	163712	48.836	ug/l	100
5) Bromomethane	2.78	94	111922	49.526	ug/l	97
6) Chloroethane	2.92	64	101058	46.064	ug/l	100
7) Trichlorofluoromethane	3.26	101	208965	49.611	ug/l	99
8) Diethyl Ether	3.69	74	58876	48.048	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	135788	48.518	ug/l	99
10) Methyl Iodide	4.28	142	211665	54.438	ug/l	99
11) Tert butyl alcohol	5.21	59	38595	244.922	ug/l	99
12) 1,1-Dichloroethene	4.04	96	119976	51.410	ug/l	97
13) Acrolein	3.90	56	36085	219.873	ug/l	99
14) Allyl chloride	4.68	41	157475	50.057	ug/l	99
15) Acrylonitrile	5.38	53	118541	241.688	ug/l	100
16) Acetone	4.14	43	79968	230.742	ug/l	97
17) Carbon Disulfide	4.39	76	388900	50.518	ug/l	99
18) Methyl Acetate	4.68	43	54208	44.572	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	287523	50.302	ug/l	99
20) Methylene Chloride	4.92	84	158309	47.250	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	138251	49.527	ug/l	99
22) Diisopropyl ether	6.32	45	332730	50.187	ug/l	98
23) Vinyl Acetate	6.26	43	937987	248.066	ug/l	99
24) 1,1-Dichloroethane	6.22	63	212858	49.079	ug/l	99
25) 2-Butanone	7.18	43	138441	241.935	ug/l	98
26) 2,2-Dichloropropane	7.17	77	208456	50.447	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	147709	49.384	ug/l	100
28) Bromochloromethane	7.51	49	73113	45.008	ug/l	98
29) Tetrahydrofuran	7.54	42	89428	238.443	ug/l	98
30) Chloroform	7.68	83	233013	48.488	ug/l	99
31) Cyclohexane	7.96	56	216873	48.554	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	226883	49.746	ug/l	99
36) 1,1-Dichloropropene	8.09	75	196827	51.342	ug/l	99
37) Ethyl Acetate	7.26	43	63597	46.713	ug/l	99
38) Carbon Tetrachloride	8.07	117	212117	51.786	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	265138	54.320	ug/l	100
40) Benzene	8.33	78	553774	51.155	ug/l	99
41) Methacrylonitrile	7.49	41	40291	51.011	ug/l	92
42) 1,2-Dichloroethane	8.40	62	142736	48.440	ug/l	99
43) Isopropyl Acetate	8.43	43	125525	49.182	ug/l	99
44) Trichloroethene	9.10	130	170832	51.325	ug/l	97
45) 1,2-Dichloropropane	9.37	63	128039	50.361	ug/l	98
46) Dibromomethane	9.46	93	69198	48.478	ug/l	98
47) Bromodichloromethane	9.65	83	174198	50.292	ug/l	100
48) Methyl methacrylate	9.44	41	61933	51.524	ug/l	97
49) 1,4-Dioxane	9.48	88	23129	1082.313	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	321489	245.175	ug/l	98
52) Toluene	10.39	92	402717	52.913	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	175752	52.328	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	208432	52.342	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	104056	49.484	ug/l	98
56) Ethyl methacrylate	10.65	69	123608	53.231	ug/l	100
57) 1,3-Dichloropropane	10.93	76	167230	49.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	296812	256.664	ug/l	100
59) 2-Hexanone	10.97	43	234394	263.764	ug/l	99
60) Dibromochloromethane	11.13	129	129913	51.397	ug/l	99
61) 1,2-Dibromoethane	11.24	107	99945	49.401	ug/l	98
64) Tetrachloroethene	10.87	164	170026	53.799	ug/l	98
65) Chlorobenzene	11.66	112	467952	53.120	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	147767	52.362	ug/l	100
67) Ethyl Benzene	11.73	91	809822	54.645	ug/l	98
68) m/p-Xylenes	11.84	106	660850	109.325	ug/l	100
69) o-Xylene	12.17	106	310434	55.783	ug/l	99
70) Styrene	12.18	104	497983	55.053	ug/l	100
71) Bromoform	12.35	173	81669	52.244	ug/l #	99
73) Isopropylbenzene	12.47	105	847938	55.649	ug/l	99
74) N-amyl acetate	12.28	43	129512	52.146	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	114739	50.544	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85974m	49.781	ug/l	
77) Bromobenzene	12.75	156	209643	53.210	ug/l	99
78) n-propylbenzene	12.81	91	1005213	55.521	ug/l	100
79) 2-Chlorotoluene	12.90	91	559828	54.889	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	737282	55.845	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	34733	53.472	ug/l	99
82) 4-Chlorotoluene	12.99	91	594884	54.573	ug/l	99
83) tert-Butylbenzene	13.21	119	652046	57.158	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	748846	55.362	ug/l	100
85) sec-Butylbenzene	13.39	105	921455	56.437	ug/l	100
86) p-Isopropyltoluene	13.51	119	846677	56.852	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	431961	53.965	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	426494	53.498	ug/l	99
89) n-Butylbenzene	13.83	91	774086	56.317	ug/l	99
90) Hexachloroethane	14.10	117	134215	57.445	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	373789	53.380	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18806	51.304	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	289678	55.883	ug/l	99
94) Hexachlorobutadiene	15.24	225	183386	56.214	ug/l	99
95) Naphthalene	15.38	128	440186	55.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	246137	54.892	ug/l	99

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

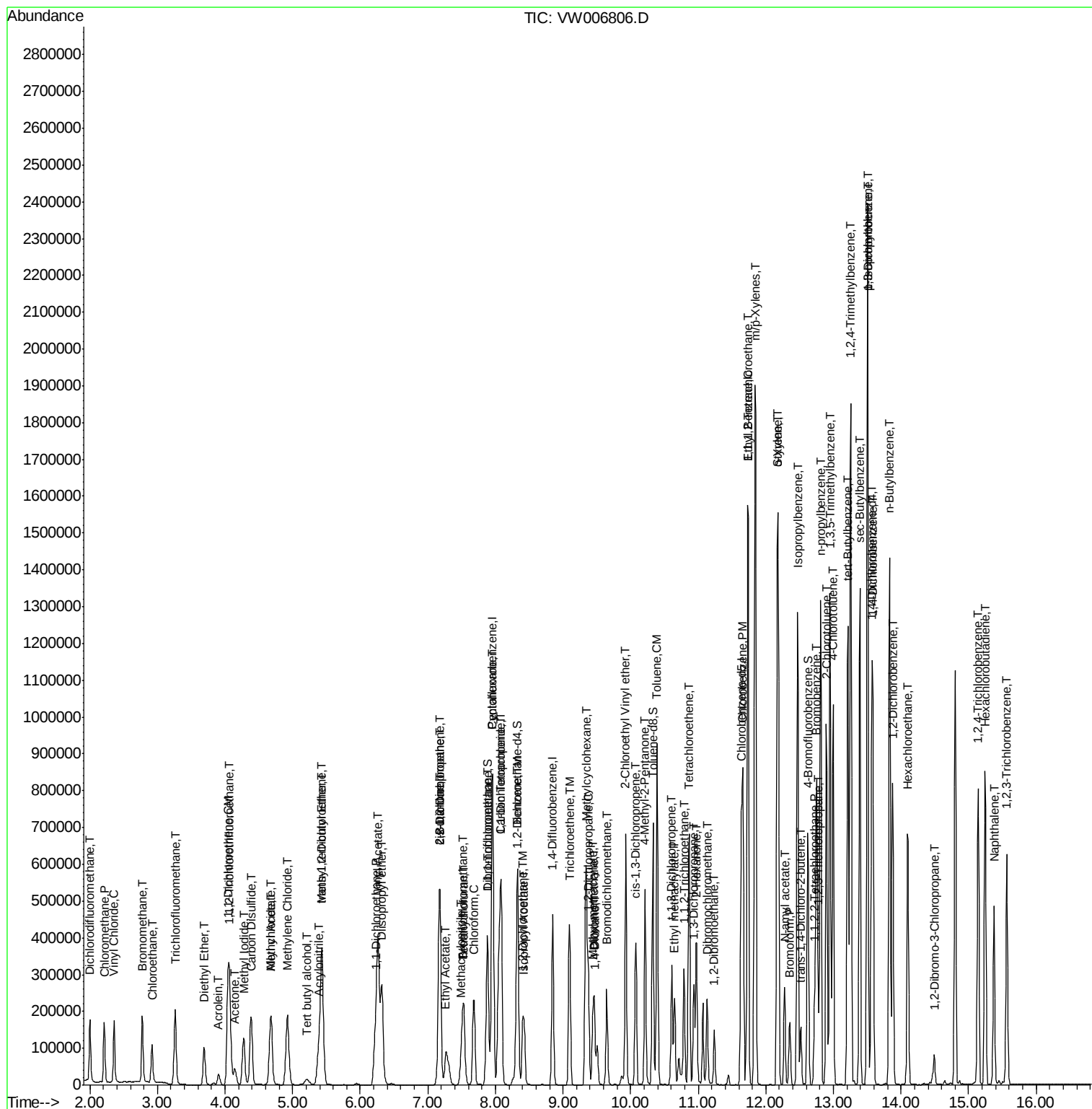
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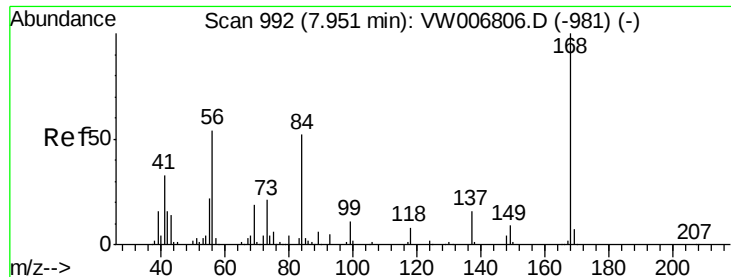
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 168 Resp: 326683

Ion Ratio Lower Upper

168 100

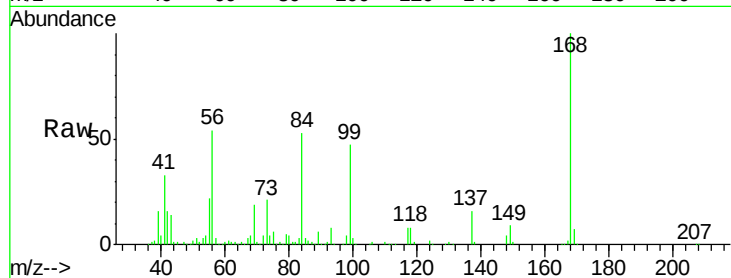
99 46.6 36.8 55.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

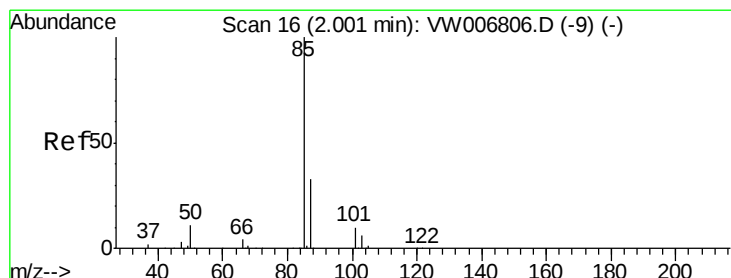
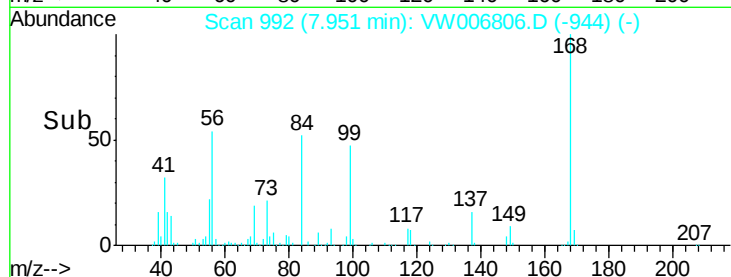
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.560 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006806.D

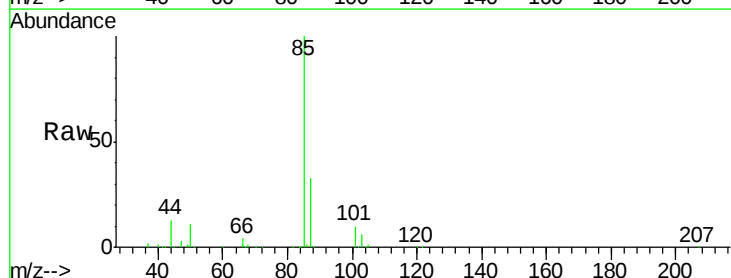
Acq: 12 Nov 2018 13:41

Tgt Ion: 85 Resp: 131635

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

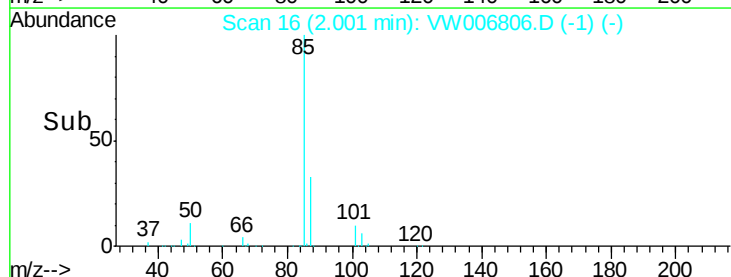
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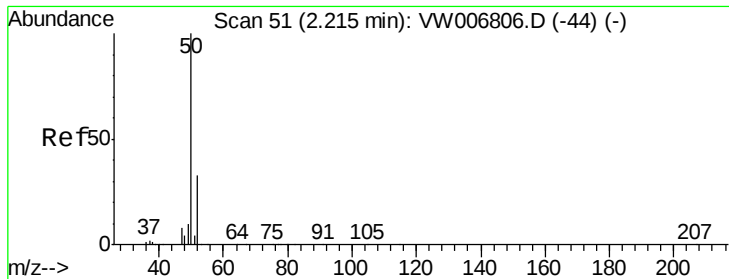
40000

20000

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Time-->





#3

Chloromethane

Concen: 47.000 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 149869

Ion Ratio Lower Upper

50 100

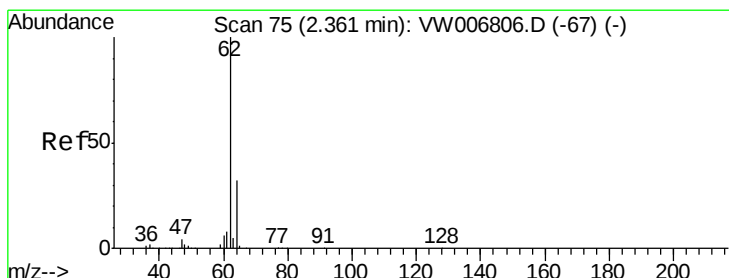
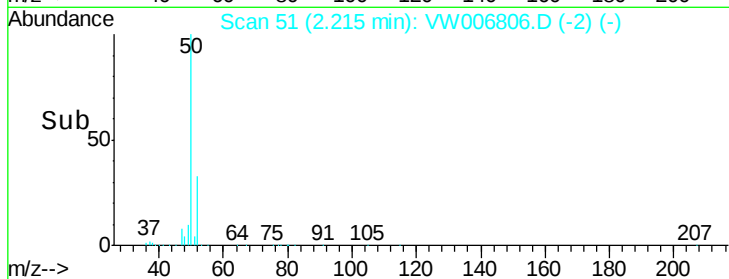
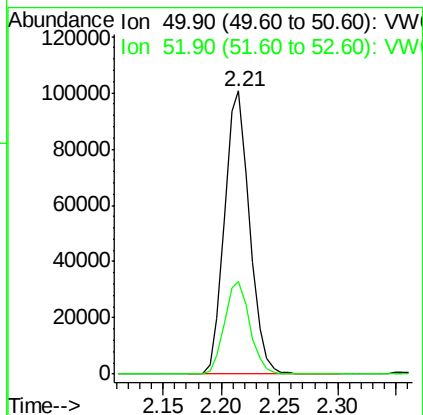
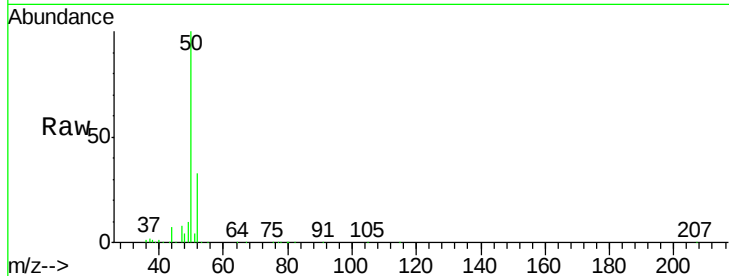
52 32.8 26.2 39.4

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#4

Vinyl Chloride

Concen: 48.836 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006806.D

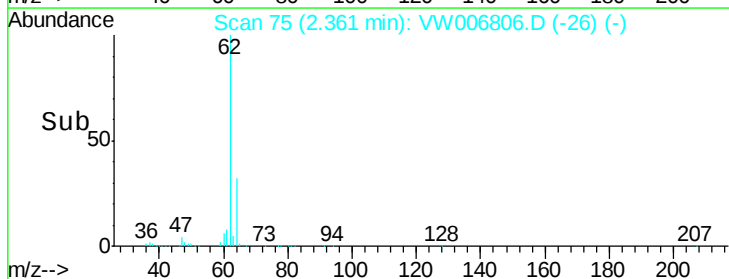
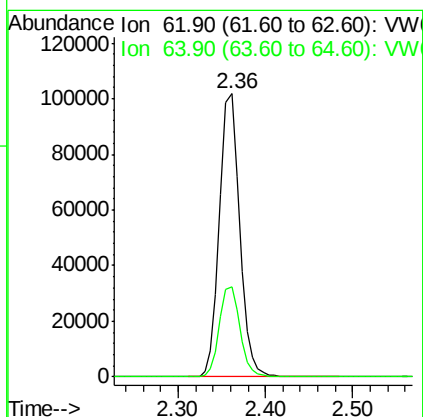
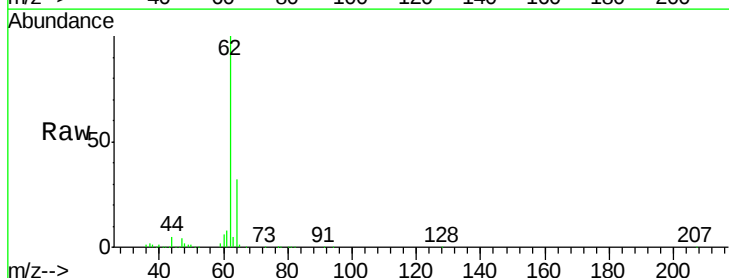
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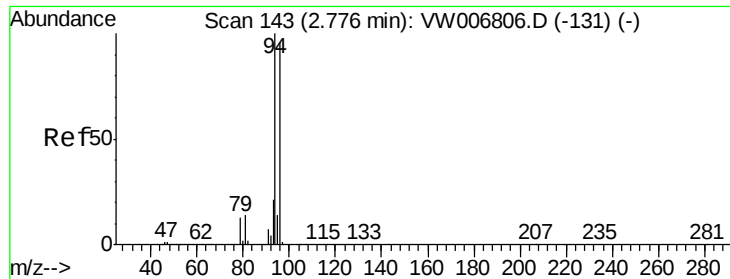
Tgt Ion: 62 Resp: 163712

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6





#5

Bromomethane

Concen: 49.526 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 111922

Ion Ratio Lower Upper

94 100

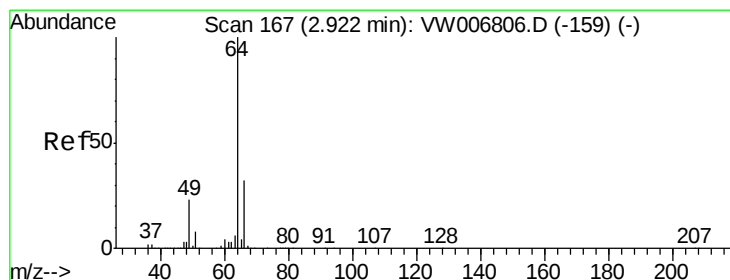
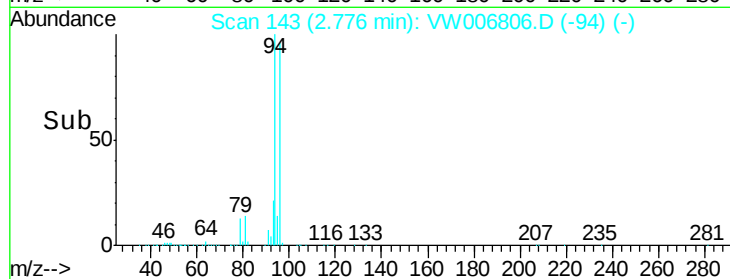
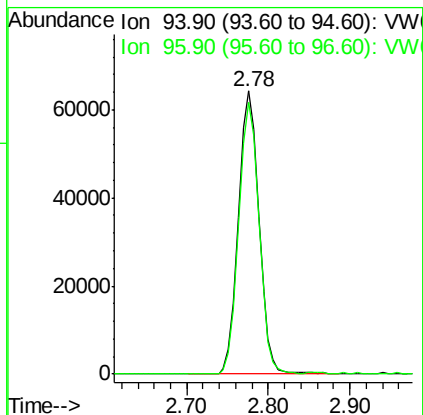
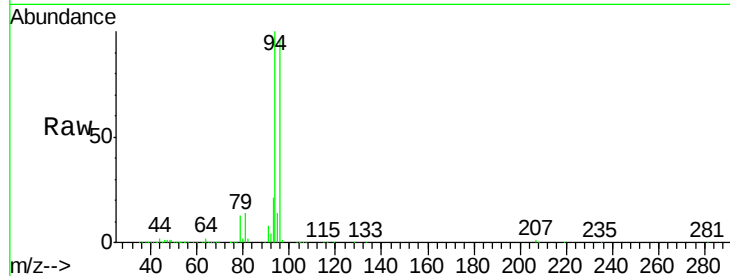
96 96.0 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 46.064 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006806.D

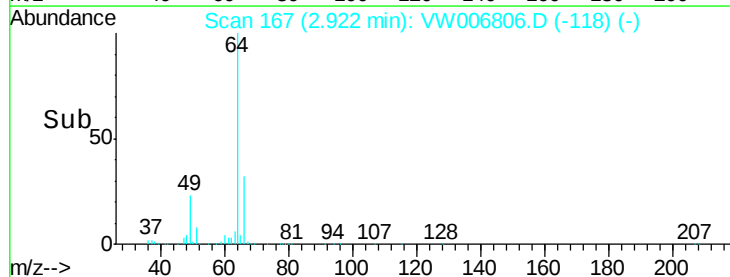
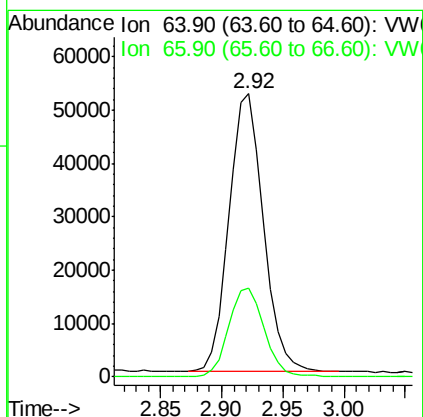
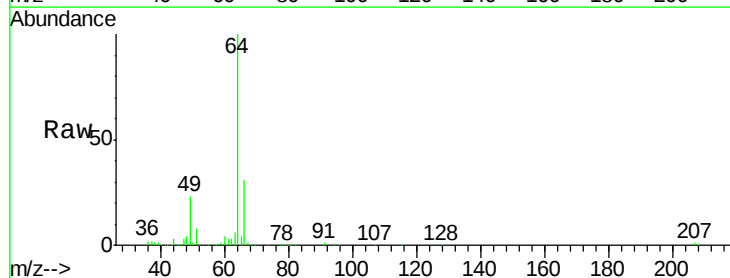
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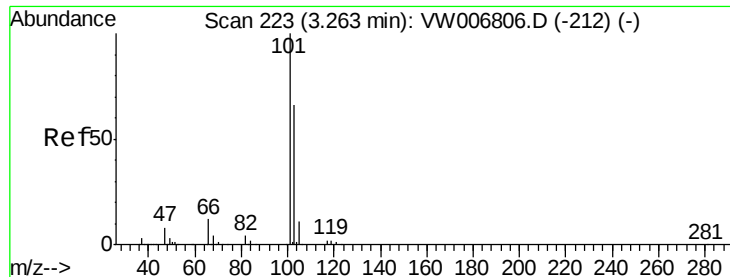
Tgt Ion: 64 Resp: 101058

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.2





#7

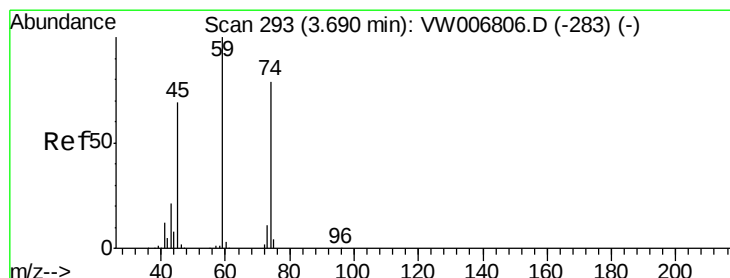
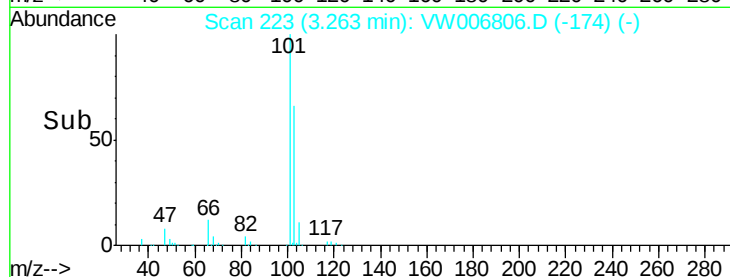
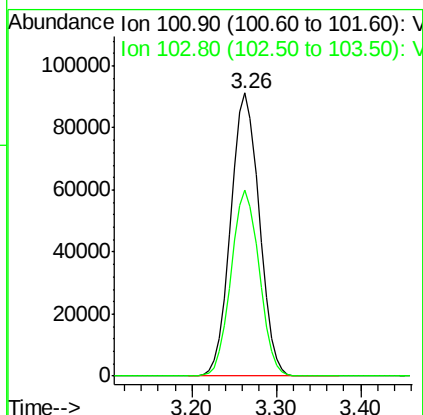
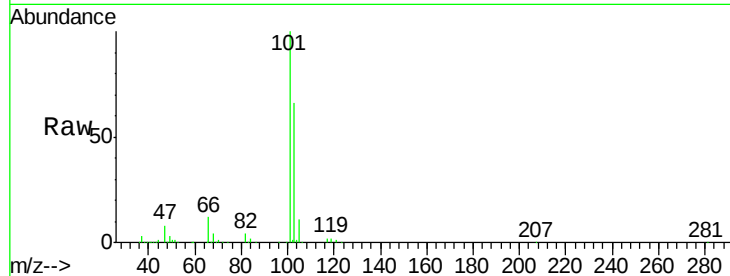
Trichlorofluoromethane
Concen: 49.611 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	208965		
103	65.8	53.4	80.0	

Manual Integrations
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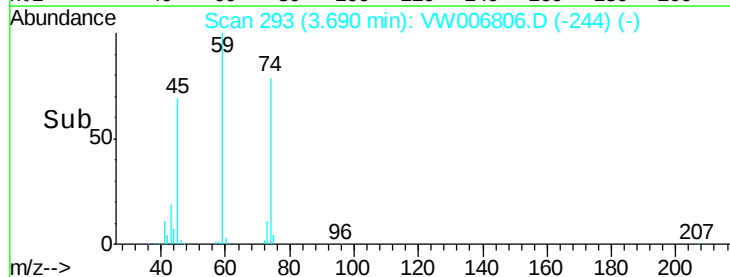
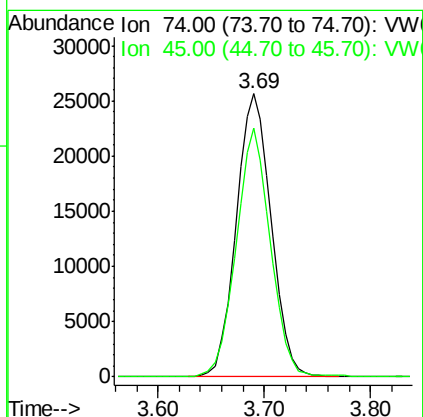
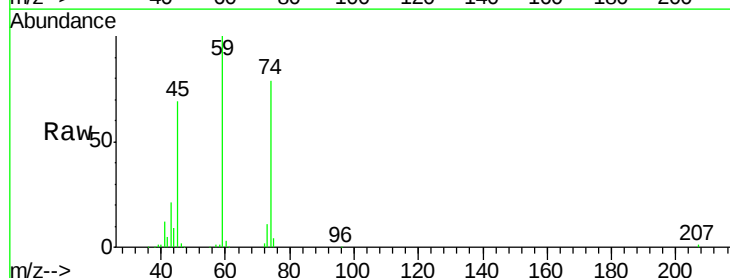
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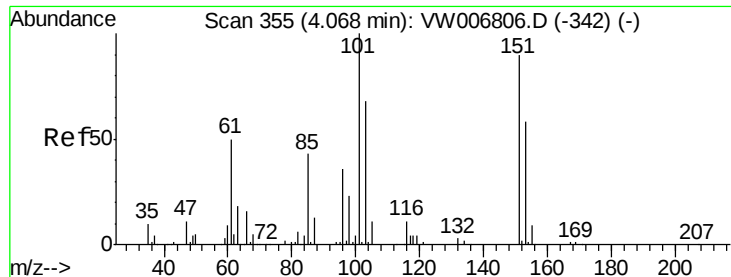


#8

Diethyl Ether
Concen: 48.048 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	58876		
45	86.3	44.0	132.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.518 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

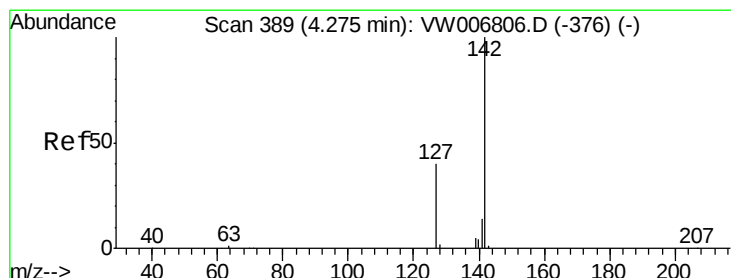
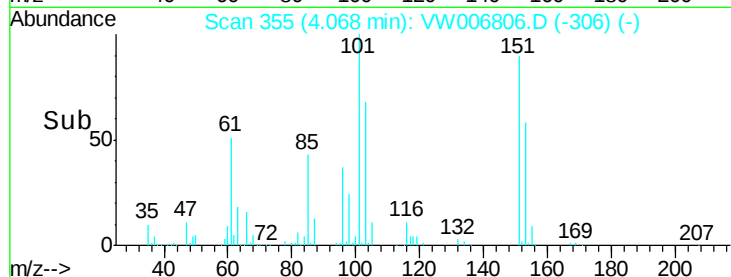
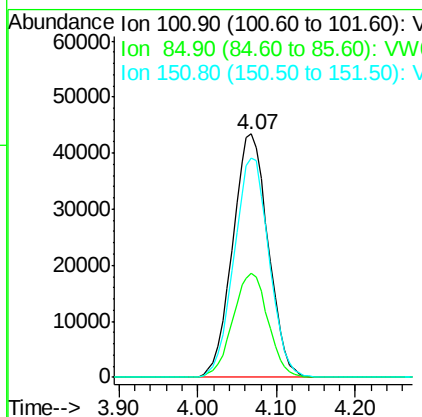
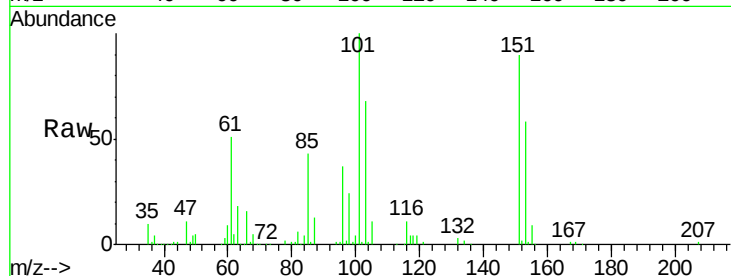
ClientSampleId :

VSTDICCC050

Tgt Ion:	101	Resp:	135788
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.0	51.0
151	89.2	70.7	106.1

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#10

Methyl Iodide

Concen: 54.438 ug/l

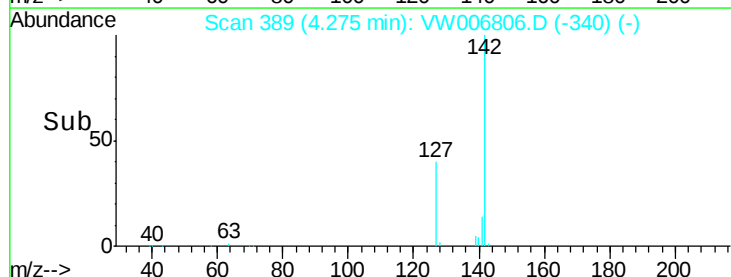
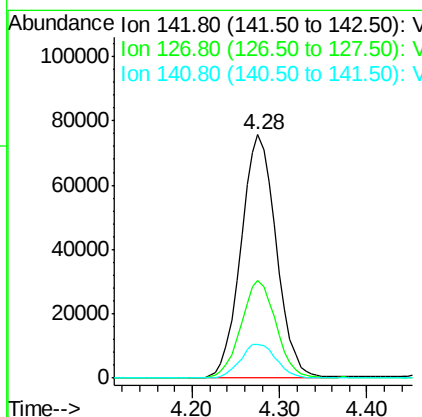
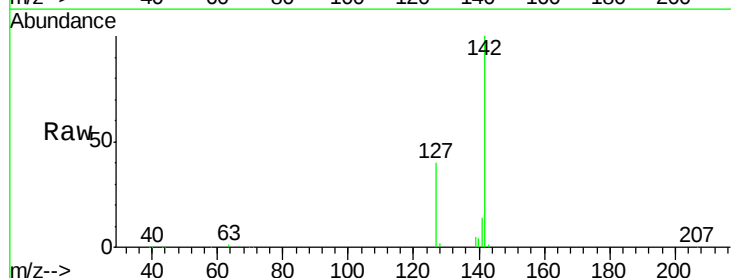
RT: 4.28 min Scan# 389

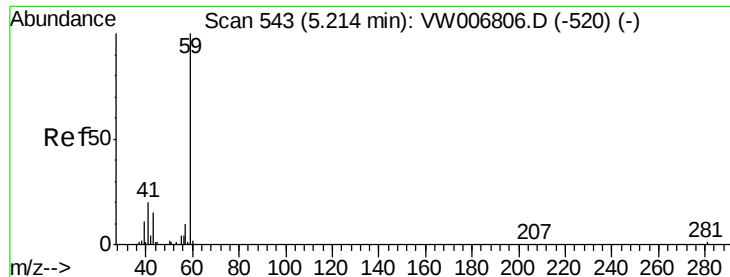
Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion:	142	Resp:	211665
Ion Ratio	Lower	Upper	
142	100		
127	39.8	32.3	48.5
141	14.4	11.4	17.0





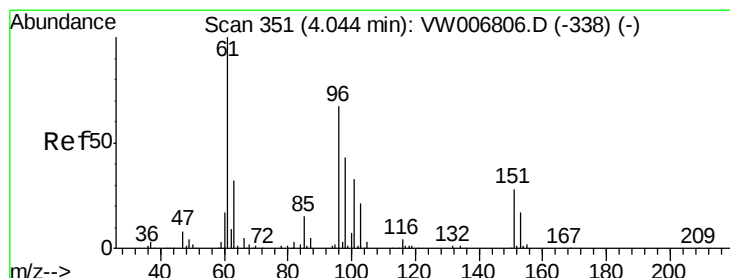
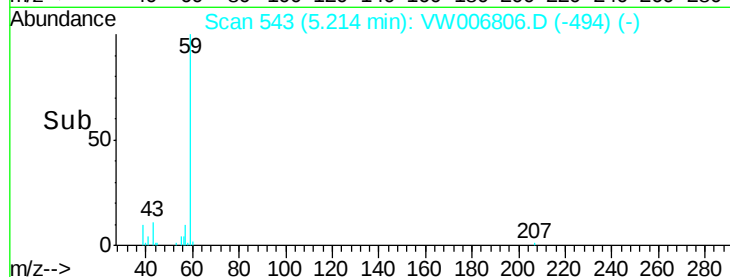
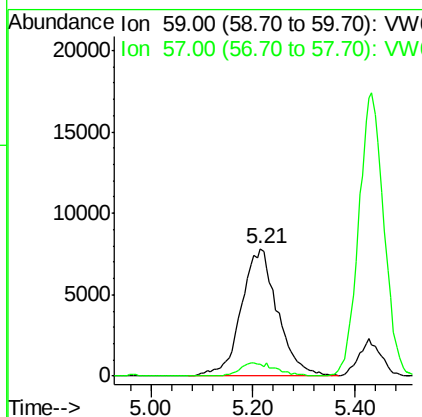
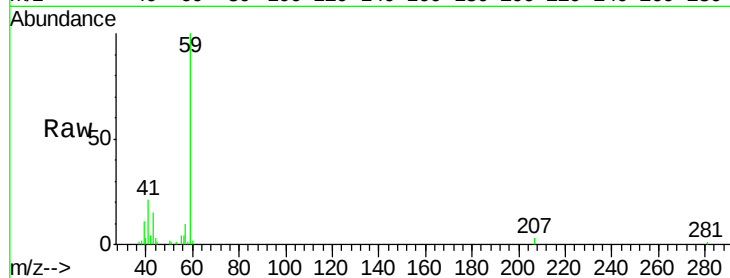
#11
Tert butyl alcohol
Concen: 244.922 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 38595
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

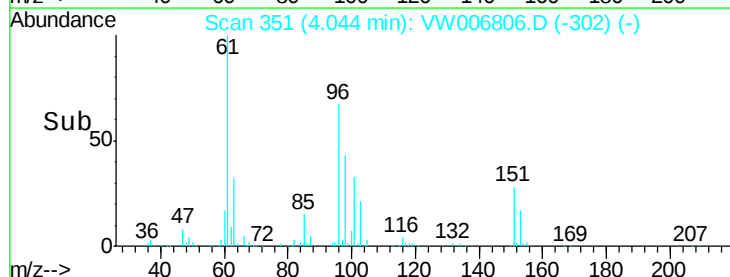
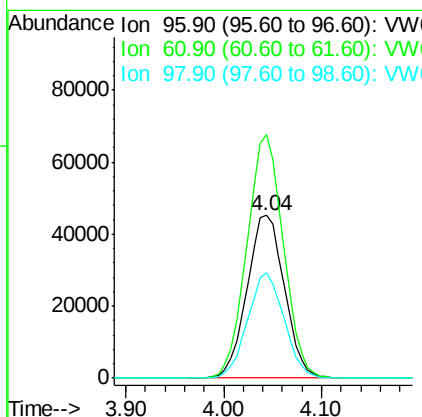
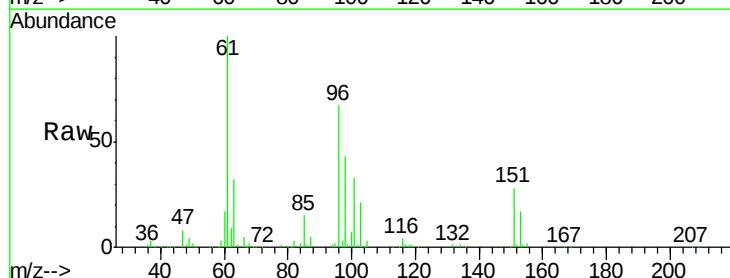
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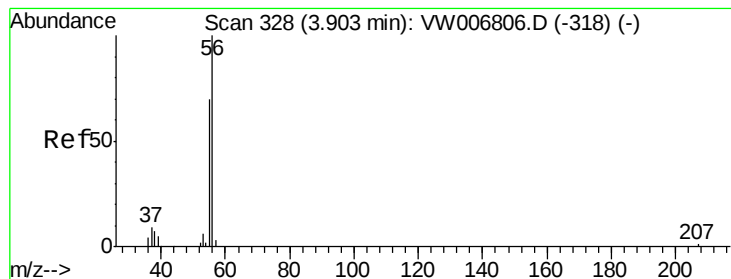
apatel
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#12
1,1-Dichloroethene
Concen: 51.410 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 96 Resp: 119976
Ion Ratio Lower Upper
96 100
61 149.7 116.0 174.0
98 64.4 52.0 78.0





#13

Acrolein

Concen: 219.873 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 36085

Ion Ratio Lower Upper

56 100

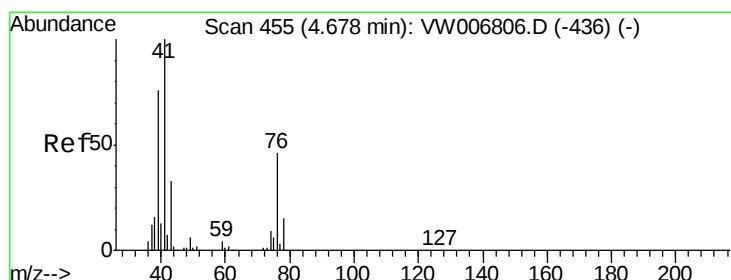
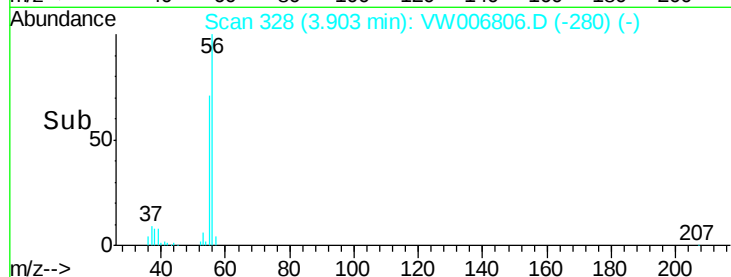
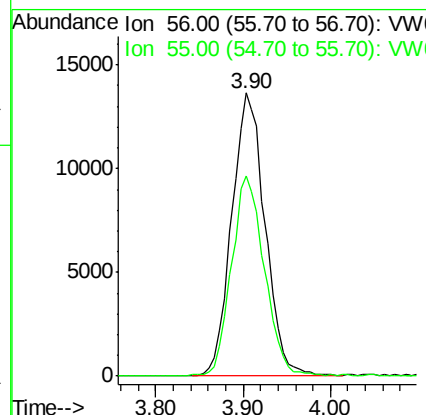
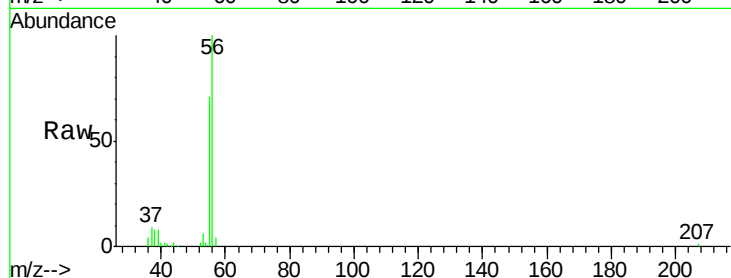
55 70.1 56.9 85.3

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#14

Allyl chloride

Concen: 50.057 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

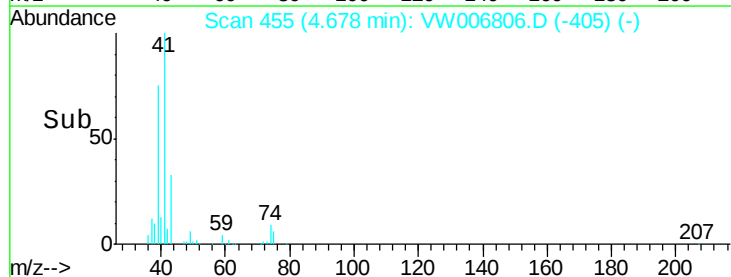
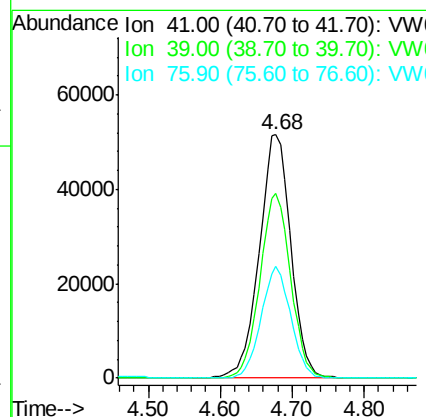
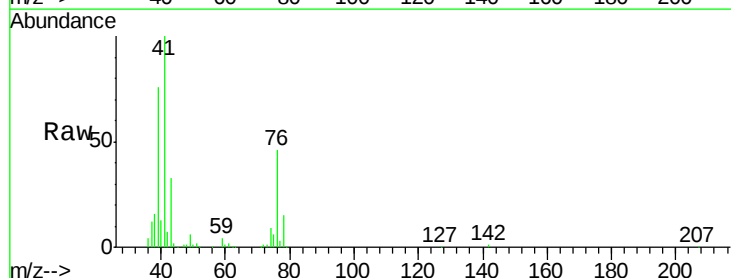
Tgt Ion: 41 Resp: 157475

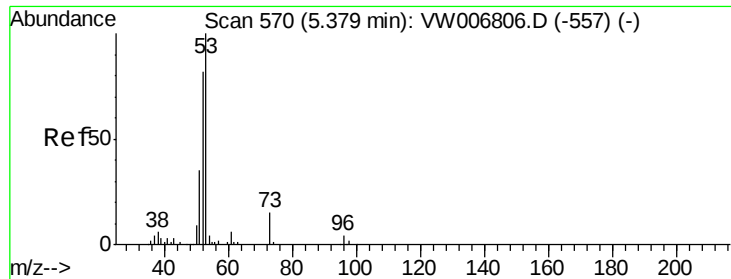
Ion Ratio Lower Upper

41 100

39 73.6 60.0 90.0

76 43.0 34.2 51.4





#15

Acrylonitrile

Concen: 241.688 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

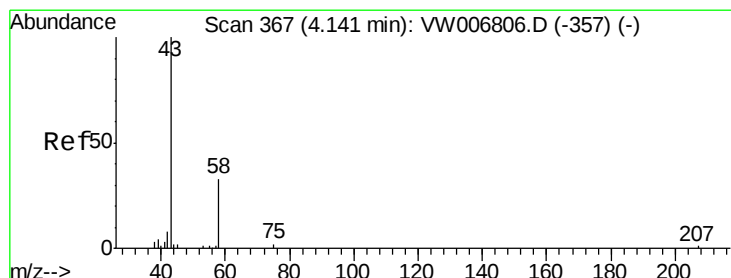
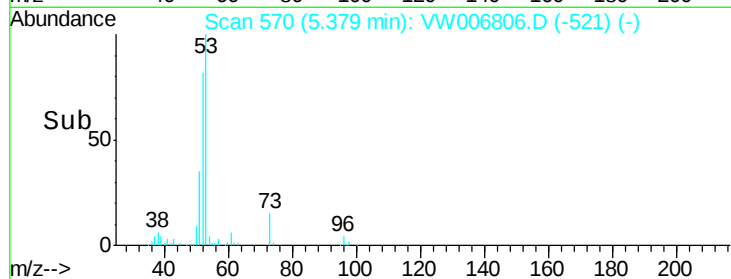
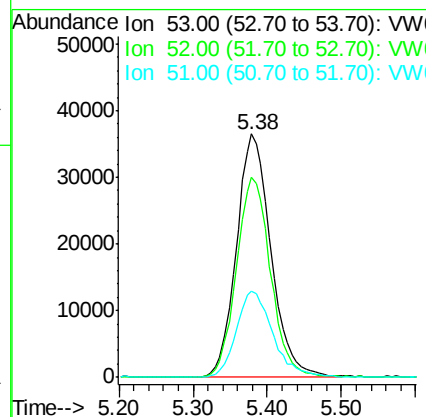
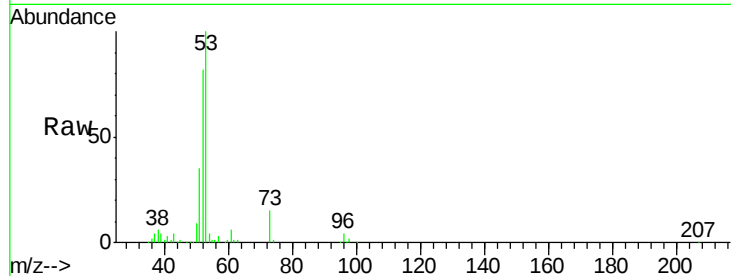
ClientSampleId :

VSTDICCC050

Tgt Ion:	53	Resp:	118541
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.2	97.8
51	37.5	30.2	45.4

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#16

Acetone

Concen: 230.742 ug/l

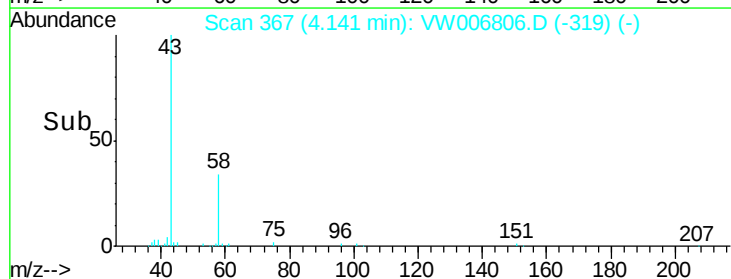
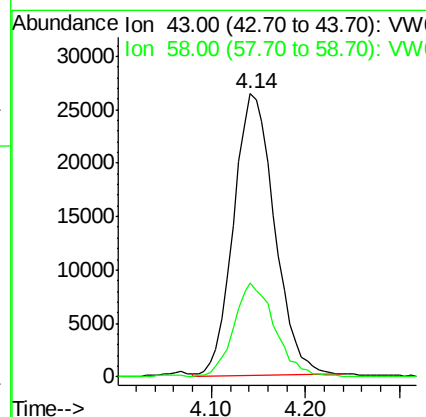
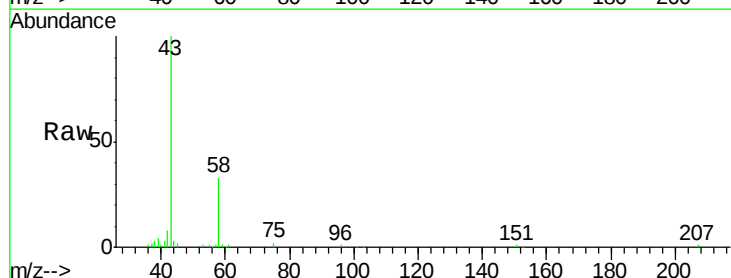
RT: 4.14 min Scan# 367

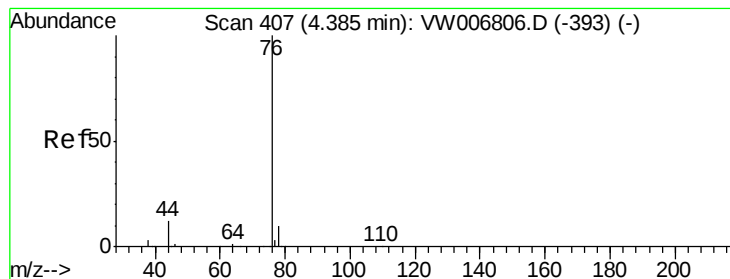
Delta R.T. -0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion:	43	Resp:	79968
Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.4	38.0





#17

Carbon Disulfide

Concen: 50.518 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 388900

Ion Ratio Lower Upper

76 100

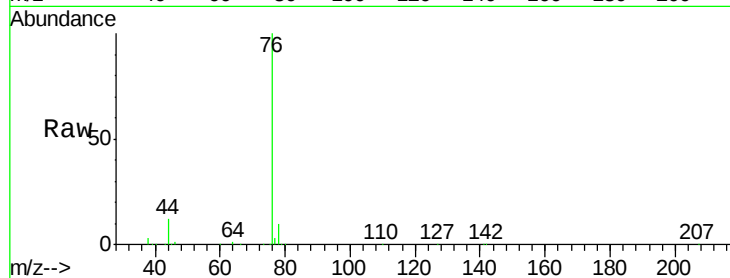
78 9.5 7.4 11.0

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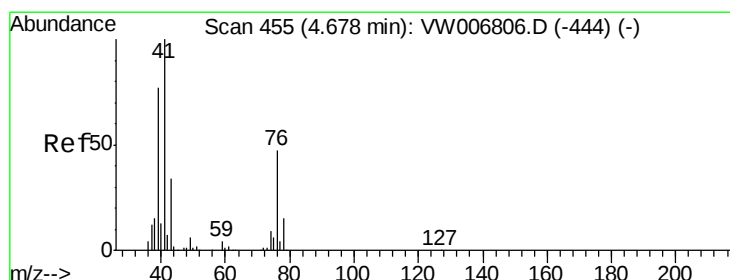
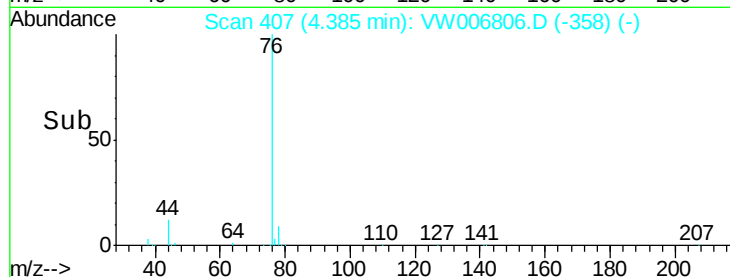
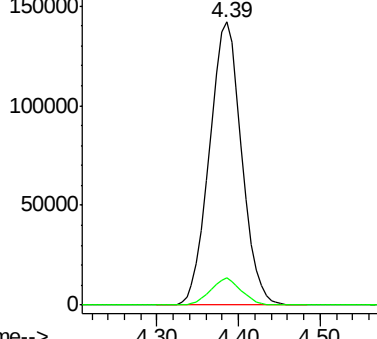
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 44.572 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006806.D

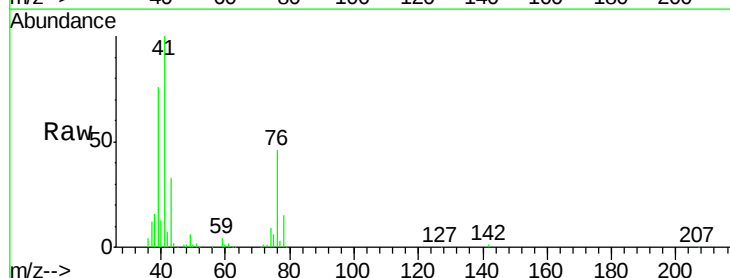
Acq: 12 Nov 2018 13:41

Tgt Ion: 43 Resp: 54208

Ion Ratio Lower Upper

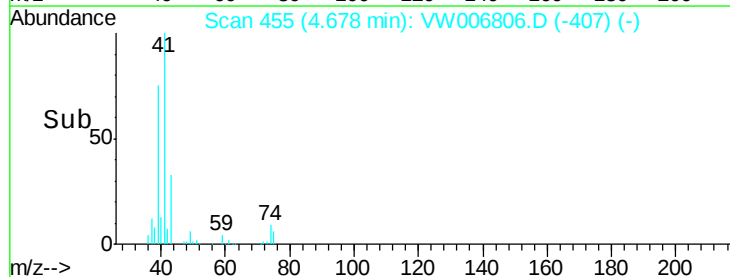
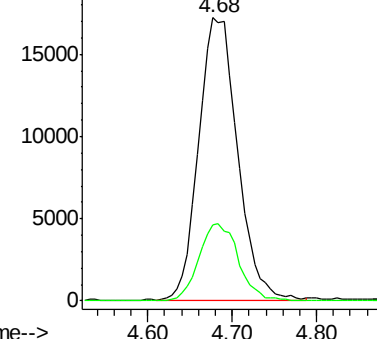
43 100

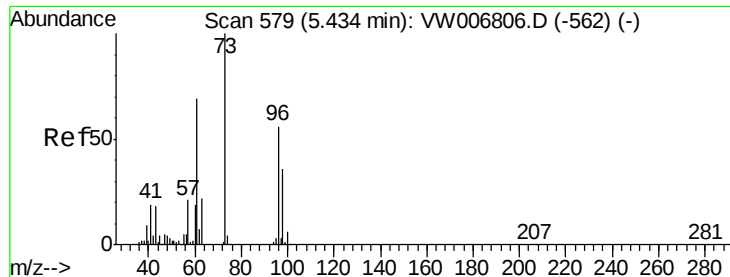
74 27.4 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





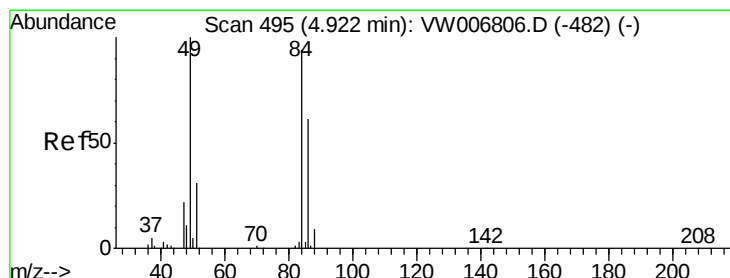
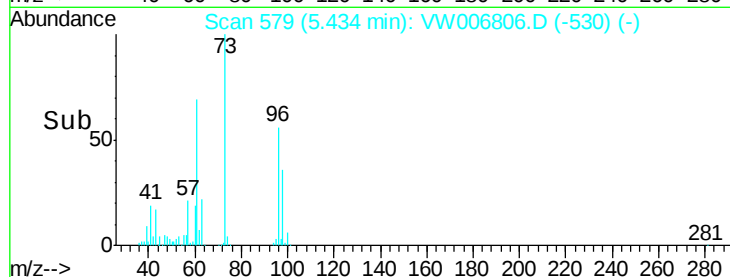
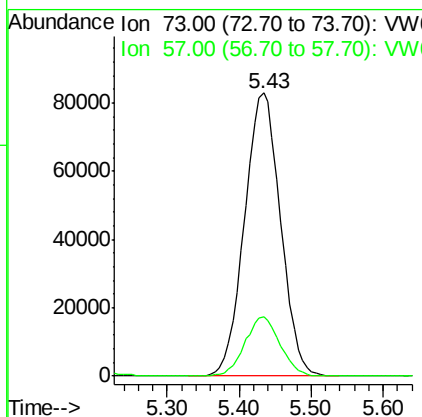
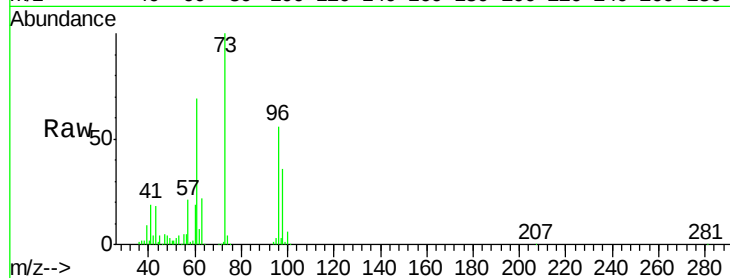
#19
Methyl tert-butyl Ether
Concen: 50.302 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 287523
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6

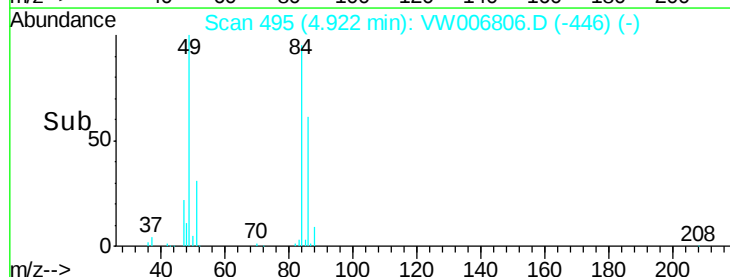
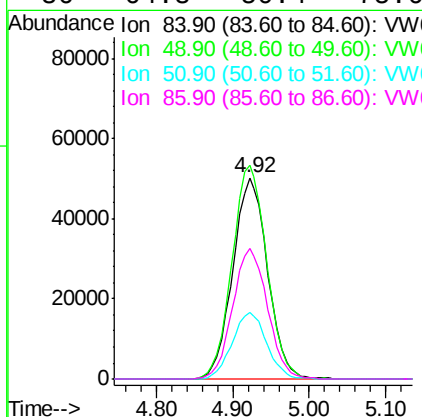
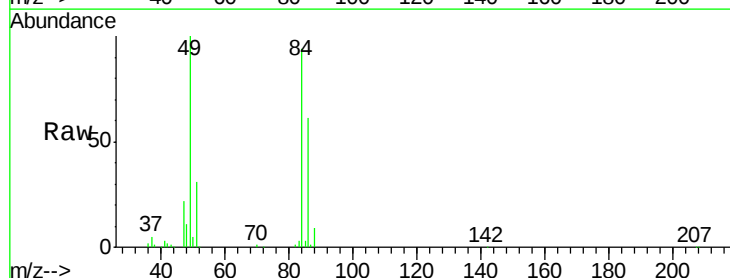
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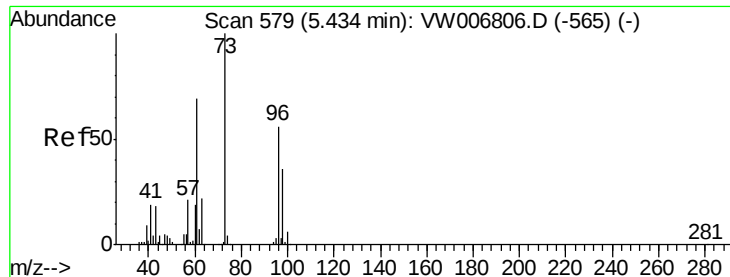
apatel
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#20
Methylene Chloride
Concen: 47.250 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 84 Resp: 158309
Ion Ratio Lower Upper
84 100
49 106.0 82.4 123.6
51 32.8 26.7 40.1
86 64.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.527 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

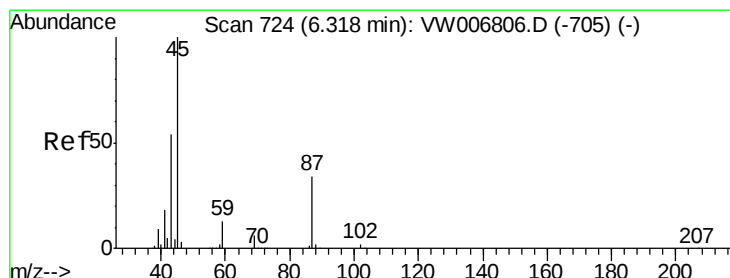
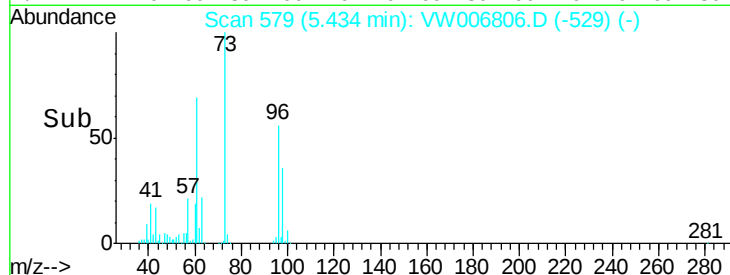
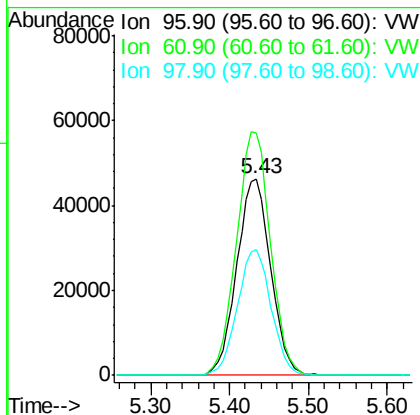
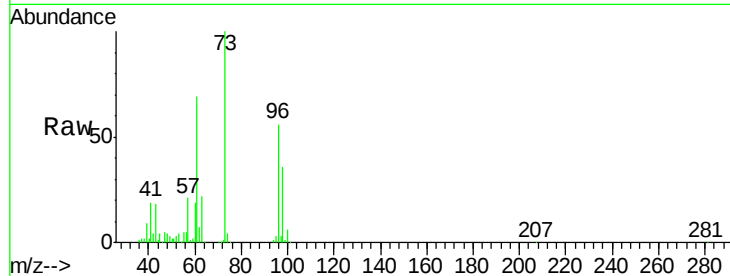
ClientSampleId :

VSTDICCC050

Tgt Ion:	96	Resp:	138251
Ion	Ratio	Lower	Upper
96	100		
61	123.4	97.6	146.4
98	64.0	51.6	77.4

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#22

Diisopropyl ether

Concen: 50.187 ug/l

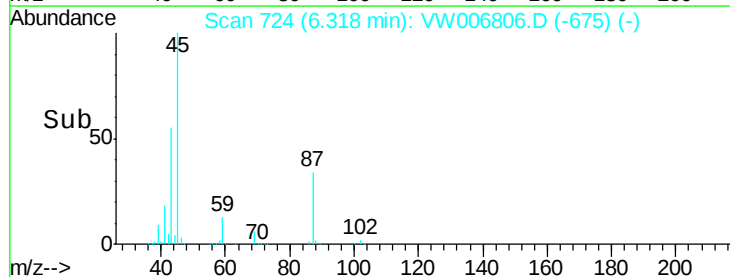
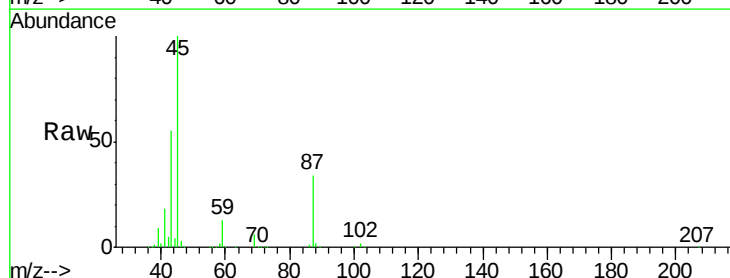
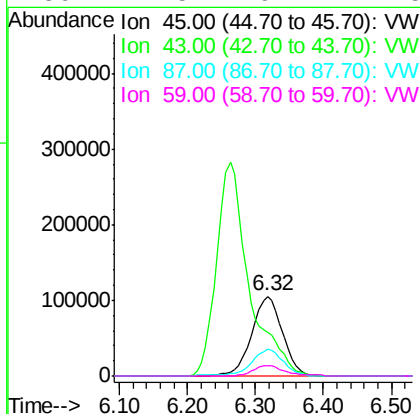
RT: 6.32 min Scan# 724

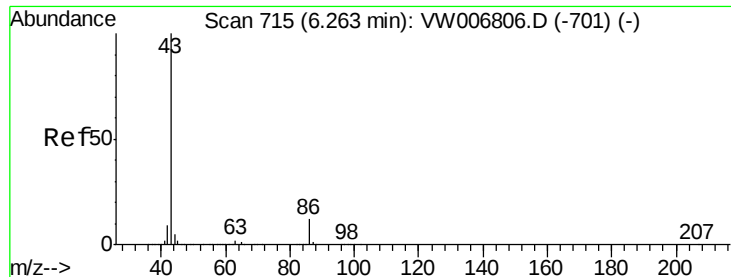
Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion:	45	Resp:	332730
Ion	Ratio	Lower	Upper
45	100		
43	54.6	44.6	66.8
87	34.0	25.5	38.3
59	12.5	9.7	14.5





#23

Vinyl Acetate

Concen: 248.066 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 937987

Ion Ratio Lower Upper

43 100

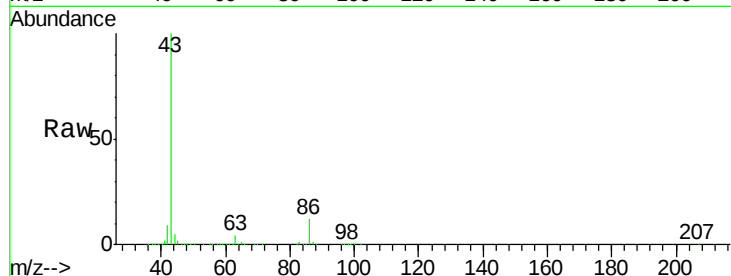
86 12.0 10.0 15.0

Manual Integrations

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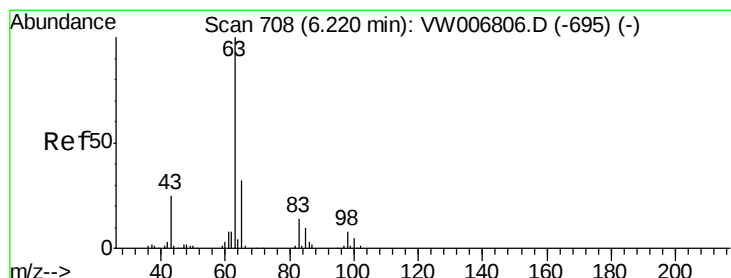
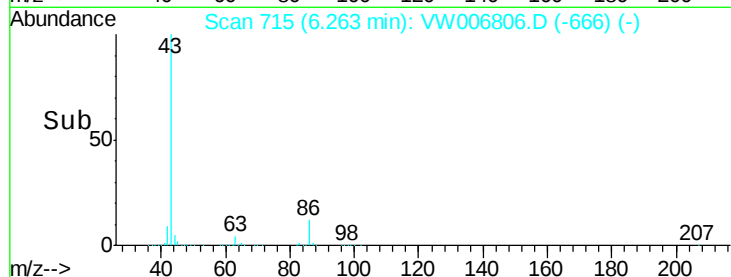
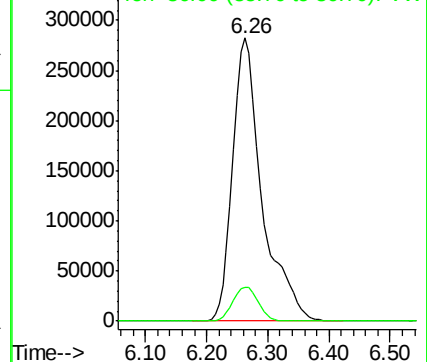
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.079 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

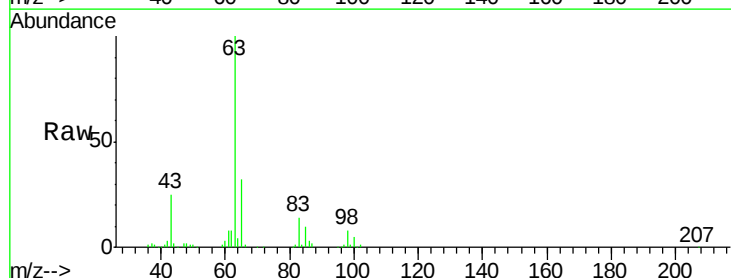
Tgt Ion: 63 Resp: 212858

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

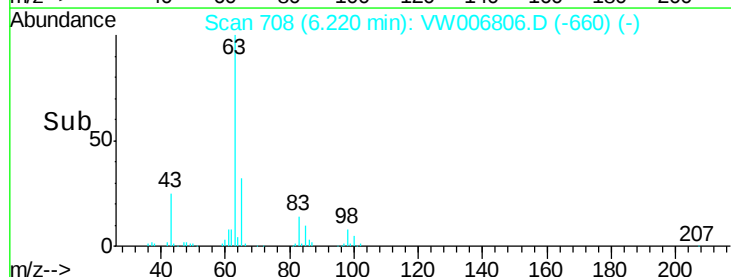
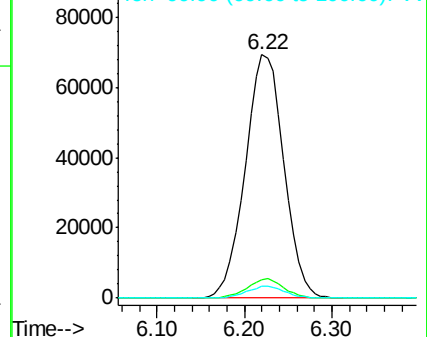
100 4.8 2.3 6.9

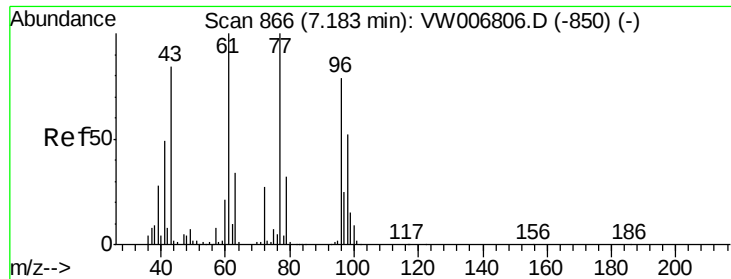


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





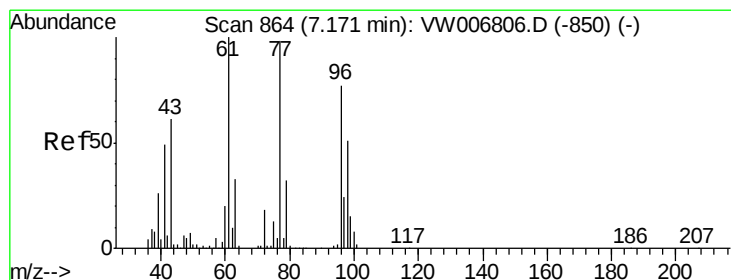
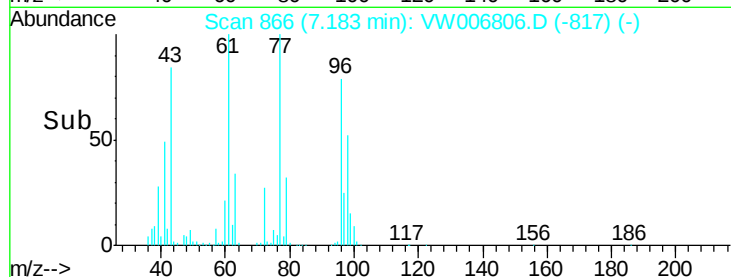
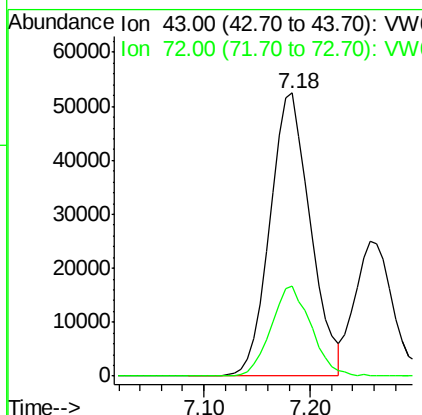
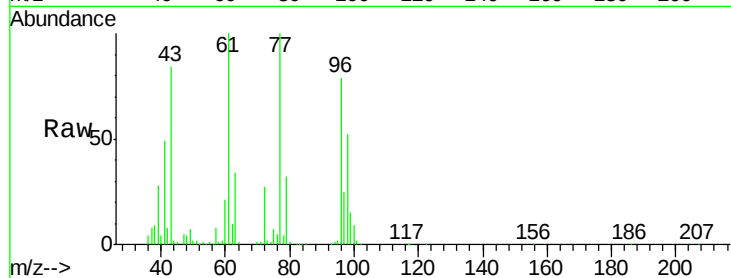
#25
2-Butanone
Concen: 241.935 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 138441
Ion Ratio Lower Upper
43 100
72 31.6 24.5 36.7

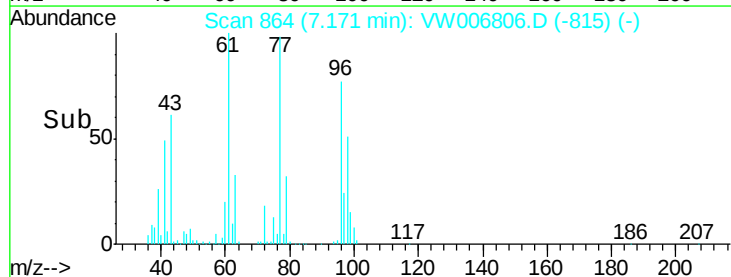
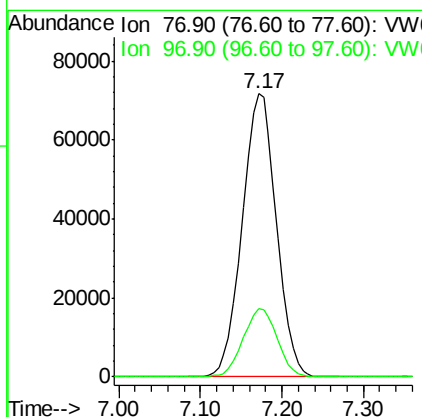
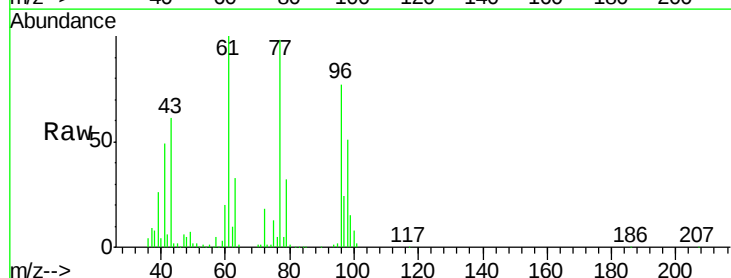
Manual Integrations
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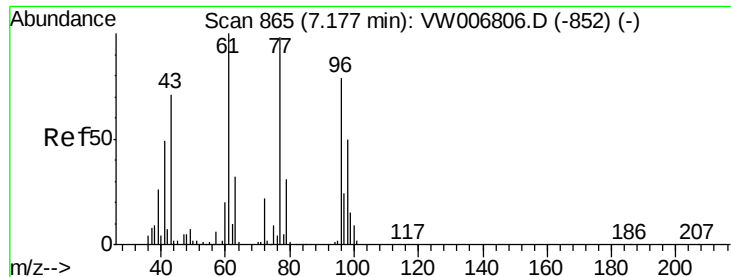
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#26
2,2-Dichloropropane
Concen: 50.447 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 77 Resp: 208456
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.5





#27

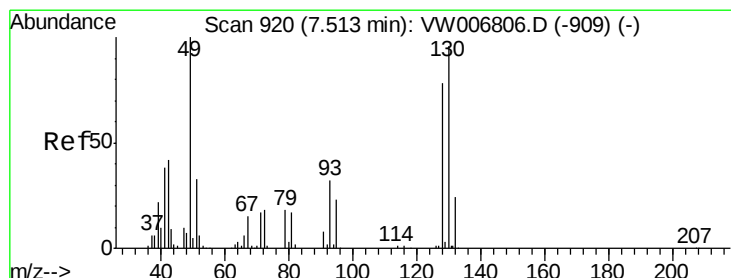
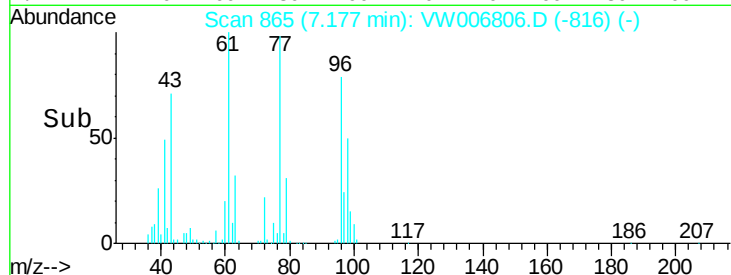
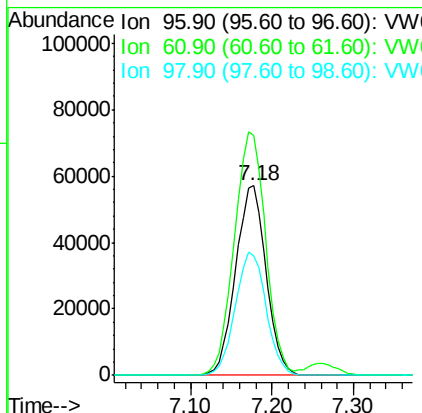
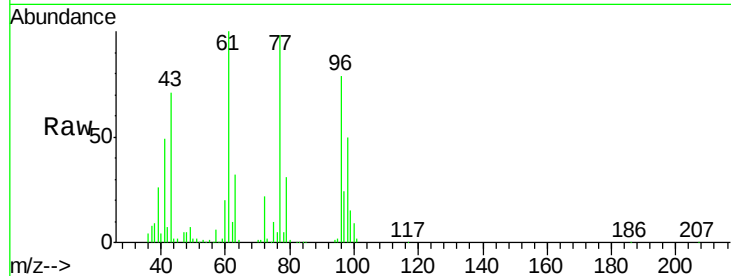
cis-1,2-Dichloroethene
Concen: 49.384 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	264.4
98	65.5	0.0	130.0

Manual Integrations
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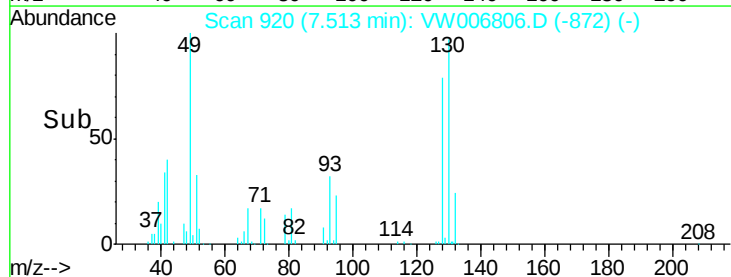
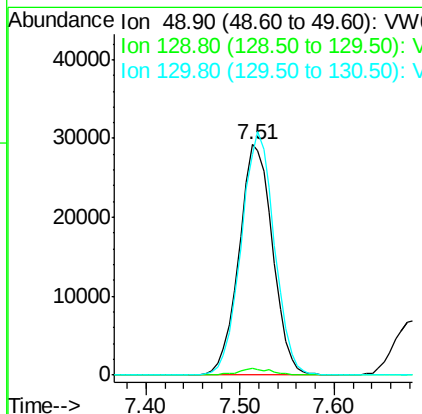
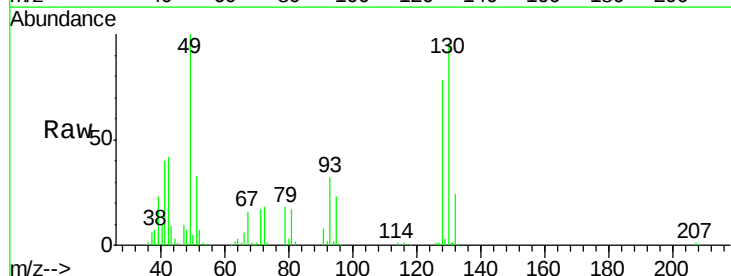
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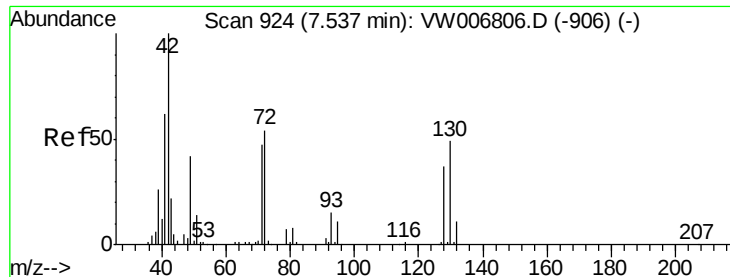


#28

Bromochloromethane
Concen: 45.008 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	104.1	81.5	122.3





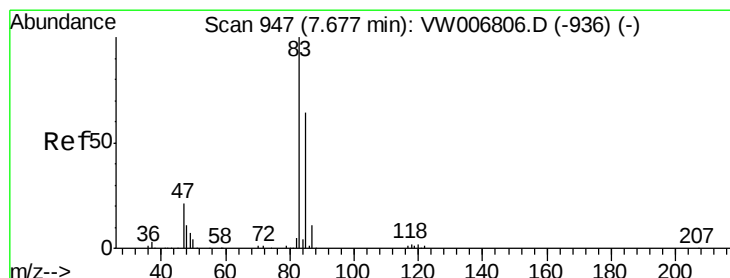
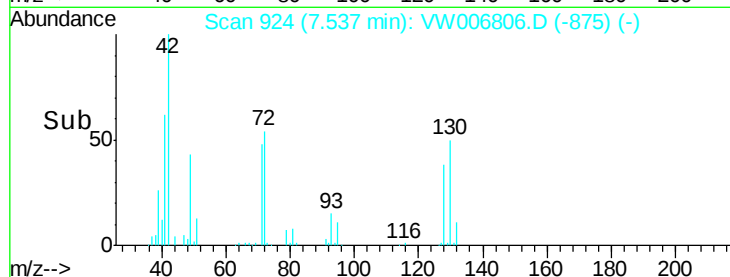
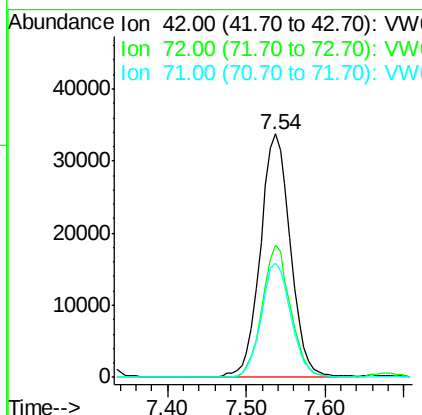
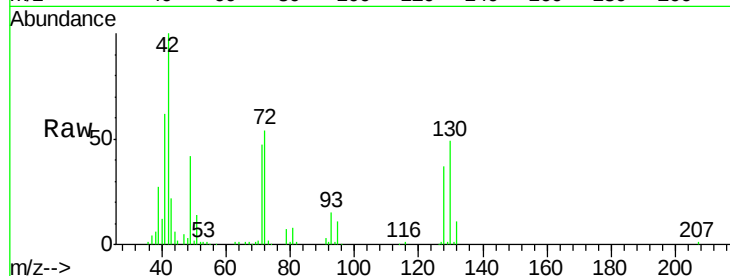
#29
Tetrahydrofuran
Concen: 238.443 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.1	39.8	59.8
71	46.1	37.8	56.6

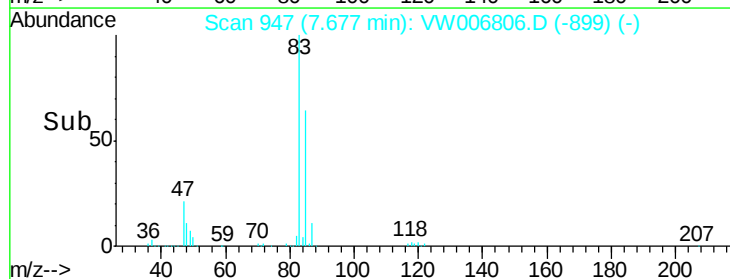
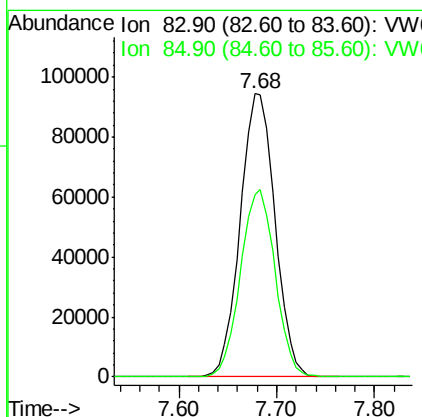
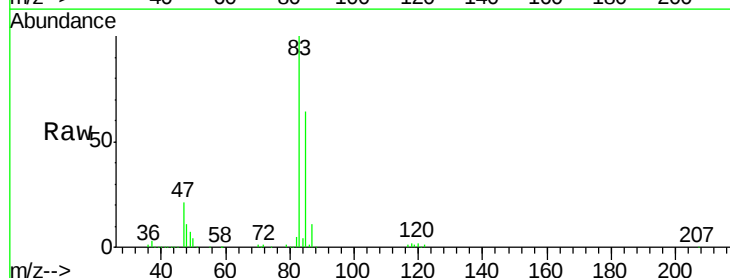
Manual Integrations
APPROVED

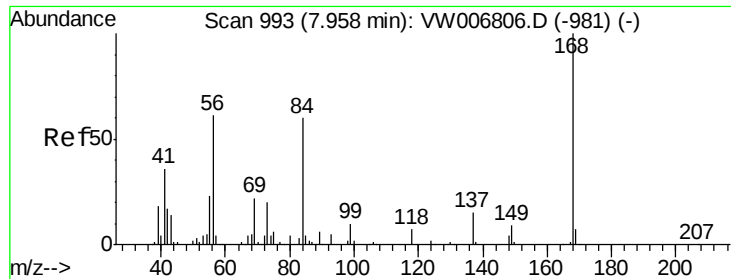
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#30
Chloroform
Concen: 48.488 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.1	78.1





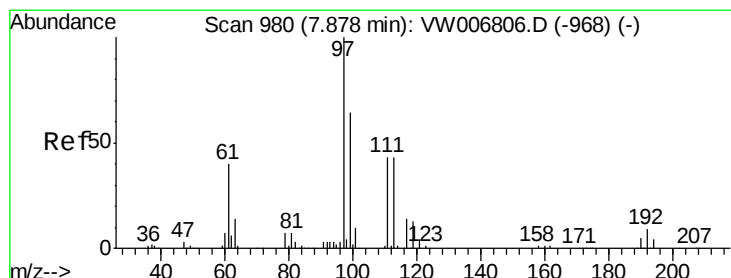
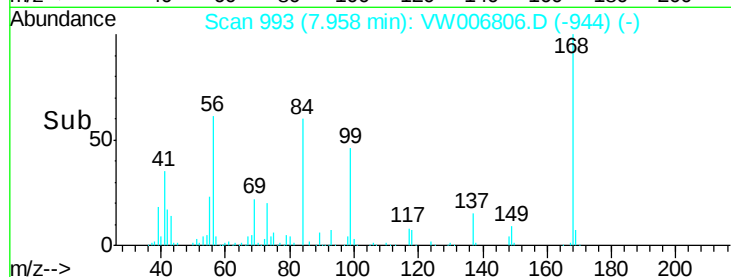
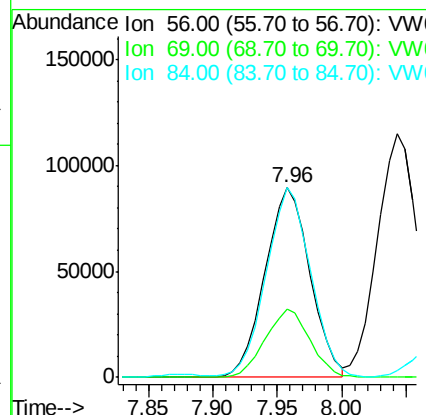
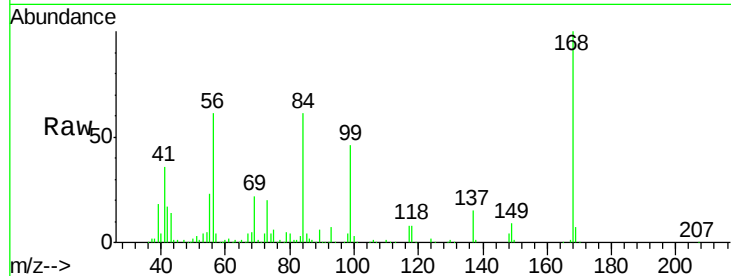
#31
Cyclohexane
Concen: 48.554 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.1	30.3	45.5
84	98.7	78.2	117.2

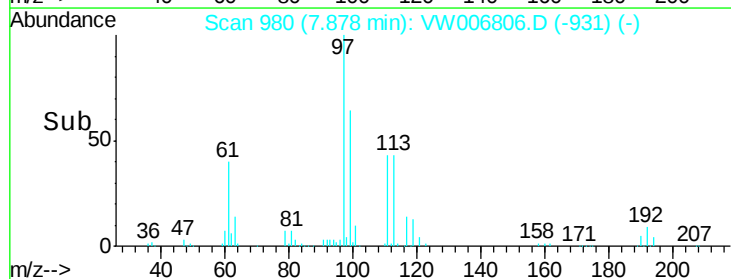
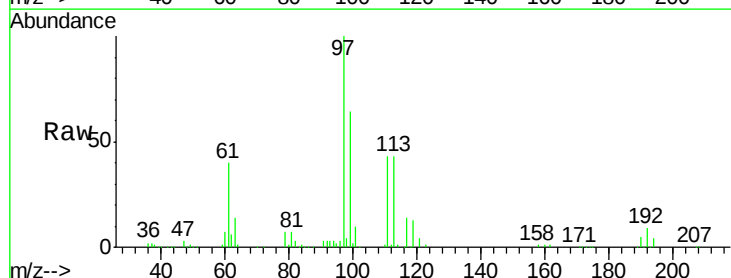
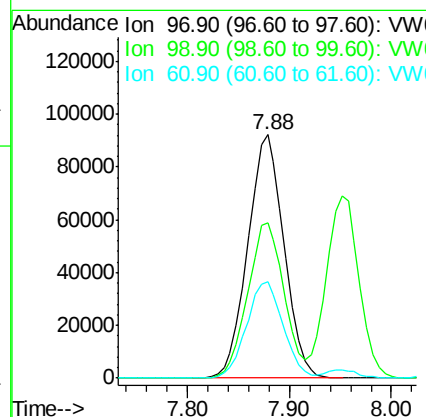
Manual Integrations
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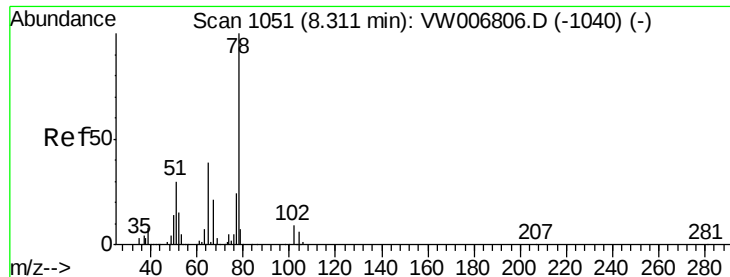
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#32
1,1,1-Trichloroethane
Concen: 49.746 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.2
61	40.3	32.7	49.1





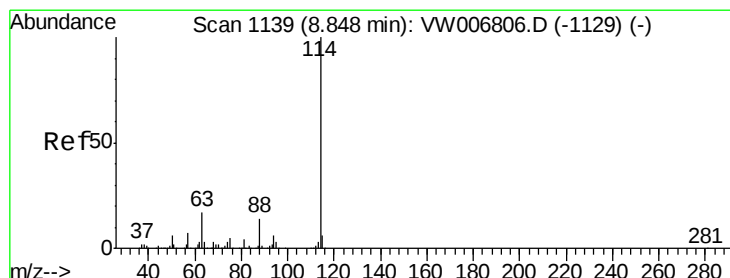
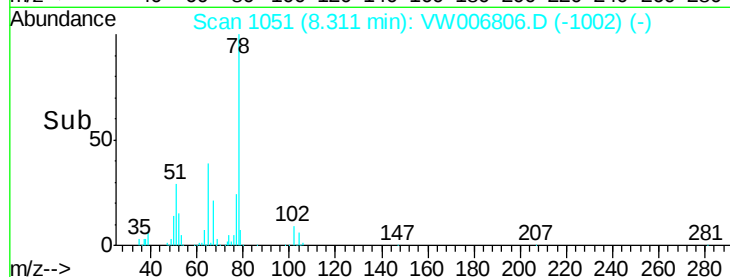
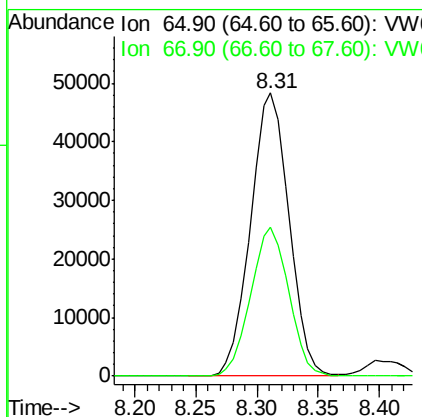
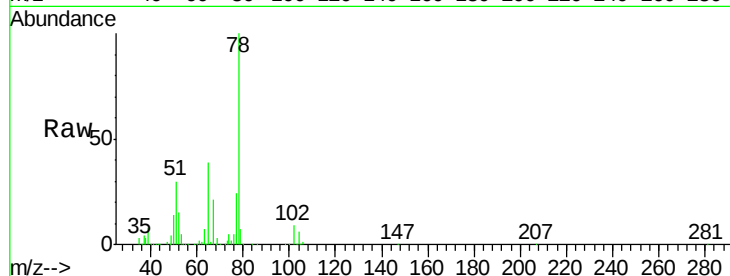
#33
 1,2-Dichloroethane-d4
 Concen: 44.369 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	106229		
67	52.2	0.0	107.2	

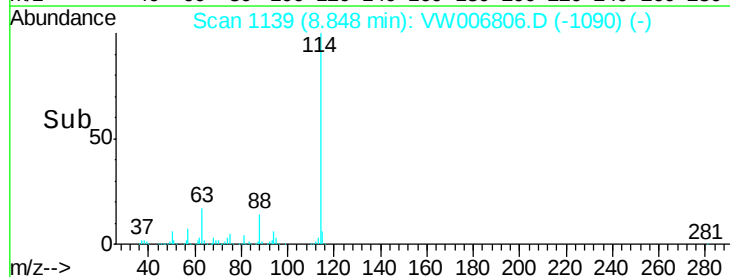
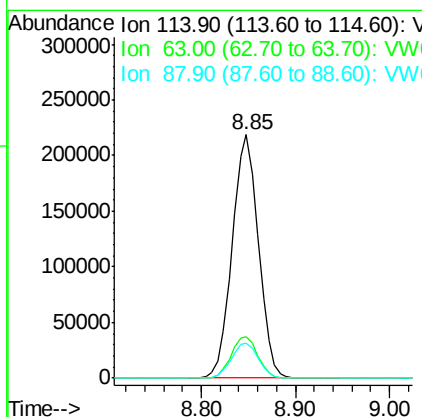
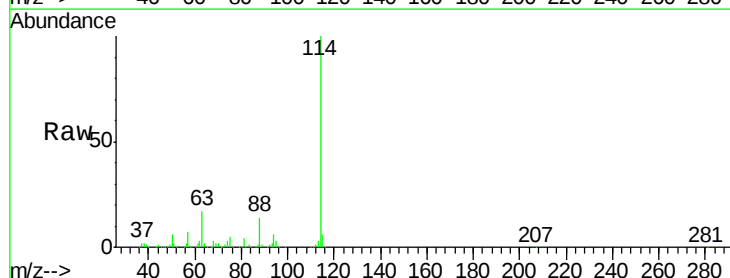
Manual Integrations
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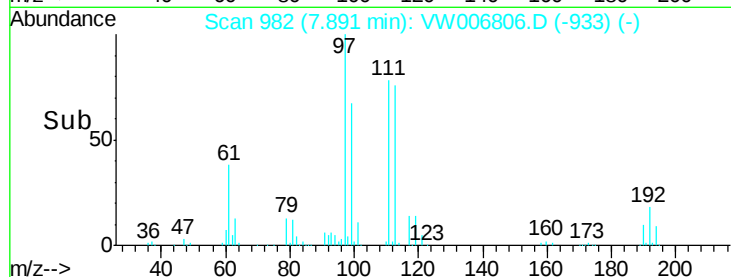
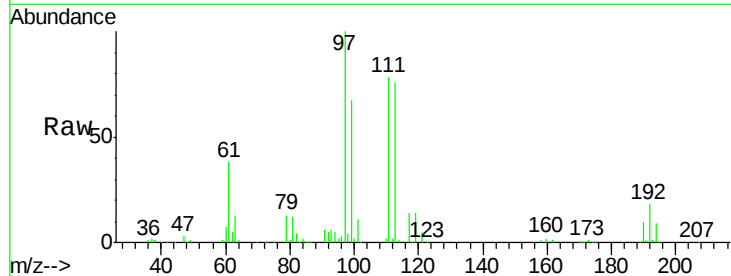
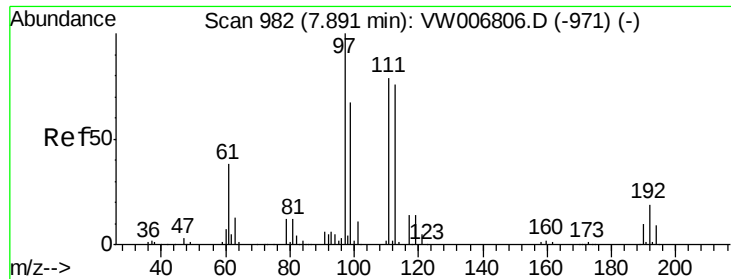
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	422479		
63	16.8	0.0	34.0	
88	14.2	0.0	29.2	





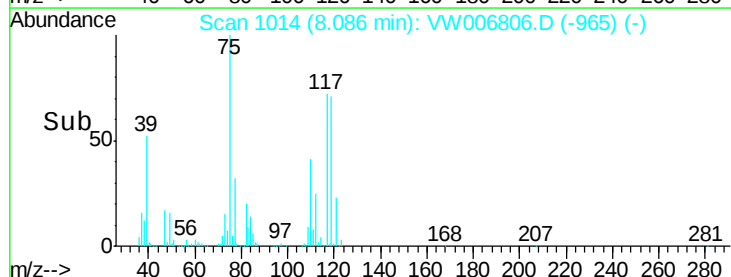
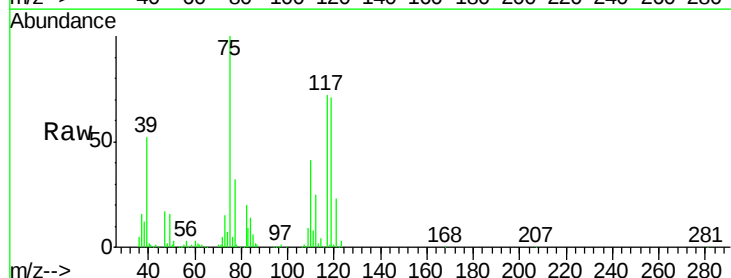
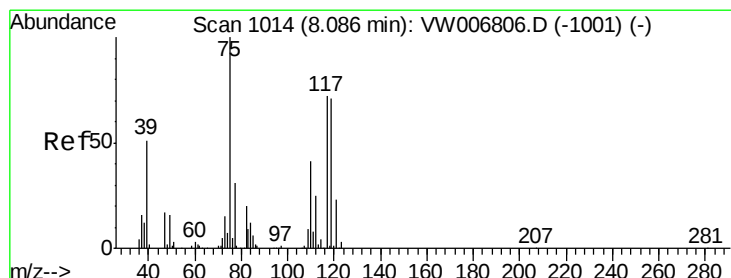
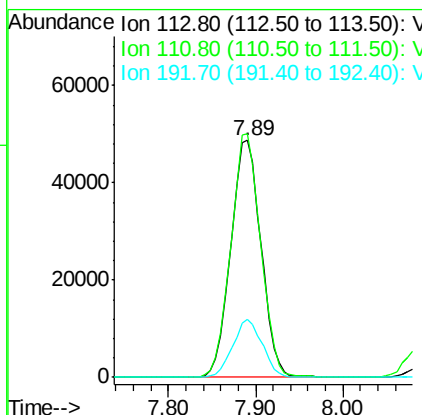
#35
Dibromofluoromethane
Concen: 48.766 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	117267		
111	101.3	81.4	122.2	
192	23.8	19.1	28.7	

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

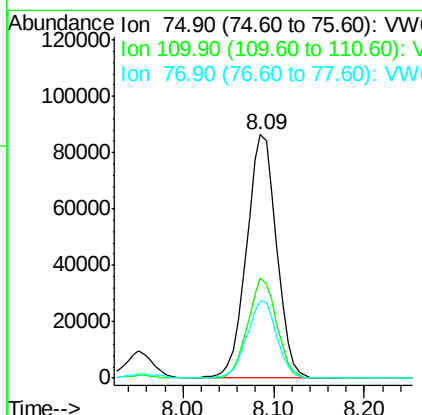
Manual Integrations
APPROVED

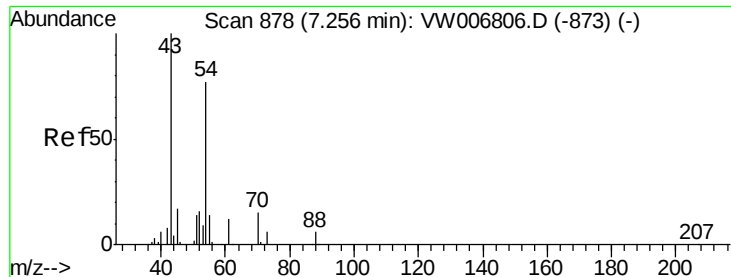
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#36
1,1-Dichloropropene
Concen: 51.342 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	196827		
110	39.7	19.6	58.7	
77	31.8	24.9	37.3	





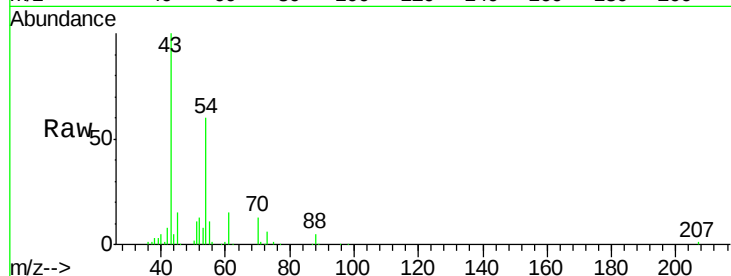
#37
Ethyl Acetate
Concen: 46.713 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.2	18.2
70	12.5	9.8	14.8

Manual Integrations
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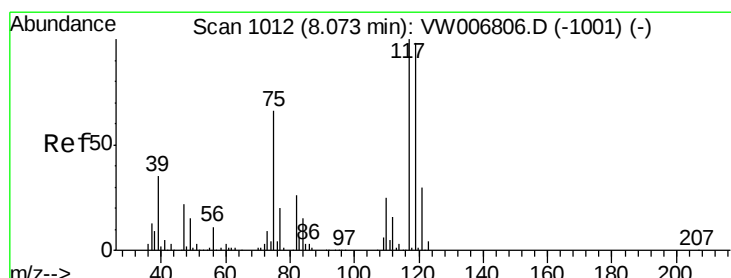
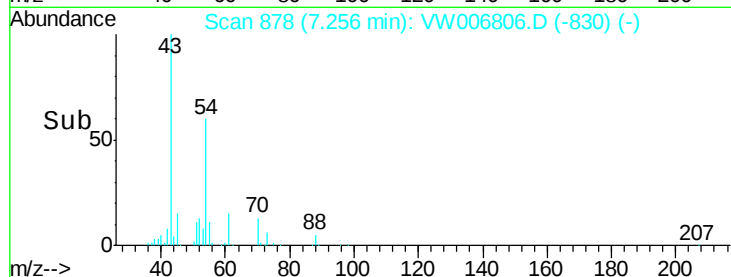
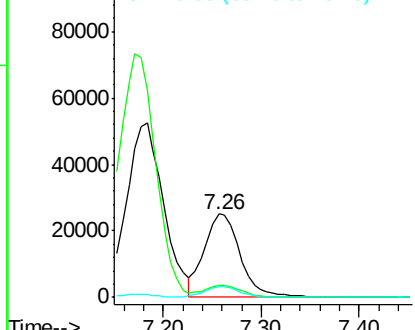


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38
Carbon Tetrachloride
Concen: 51.786 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

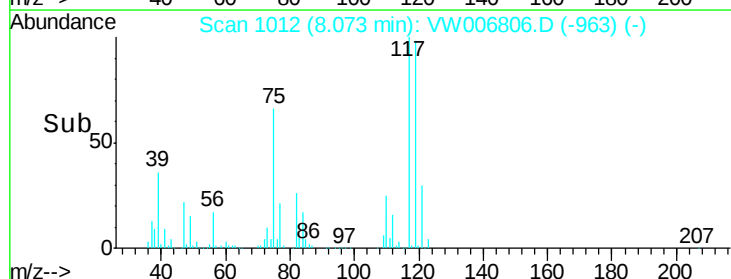
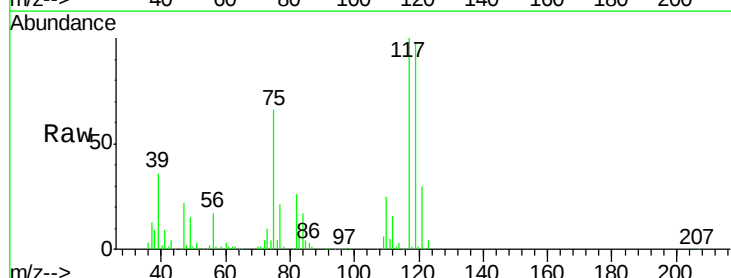
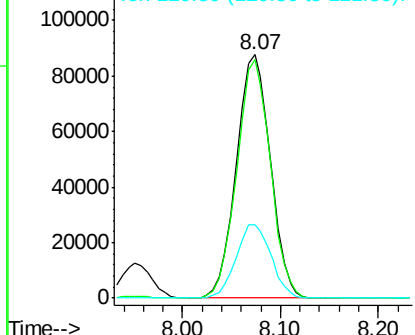
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.9	118.3
121	30.2	25.3	37.9

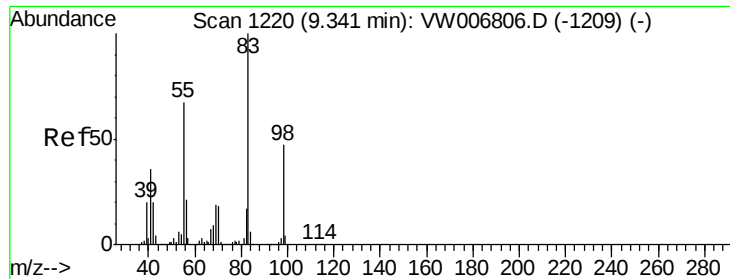
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





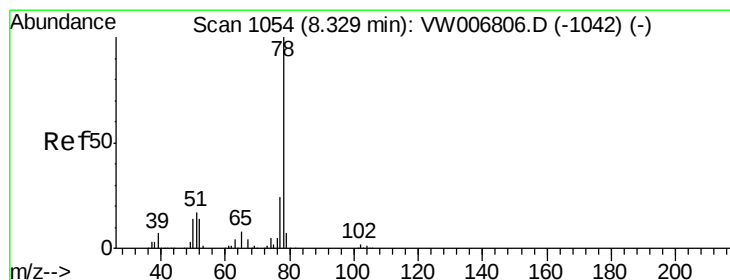
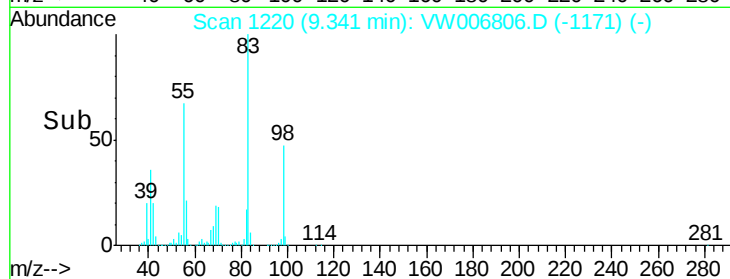
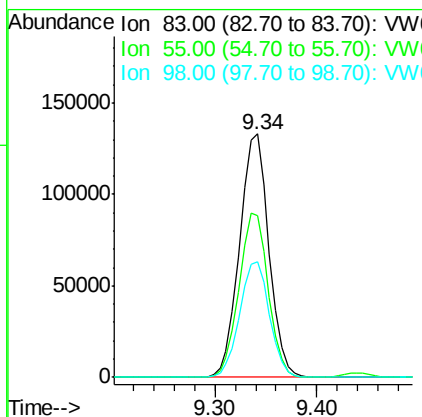
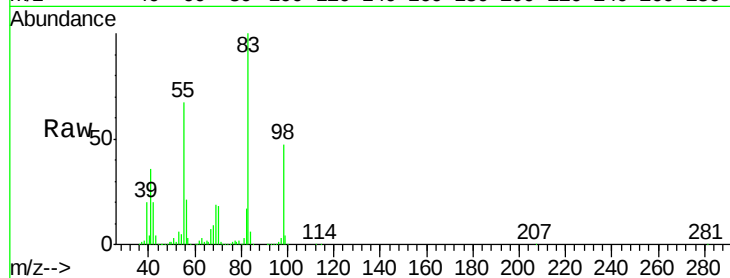
#39
Methylcyclohexane
Concen: 54.320 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.6	53.0	79.4
98	47.4	37.9	56.9

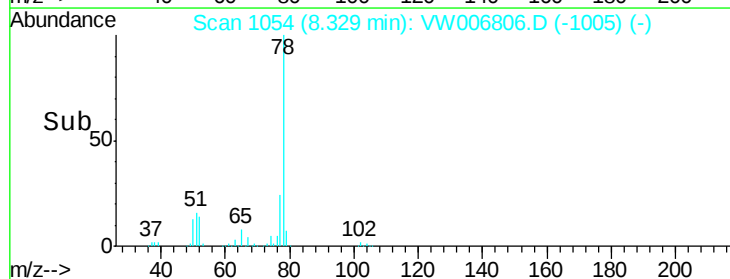
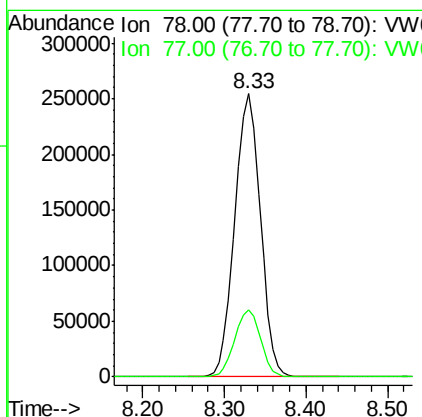
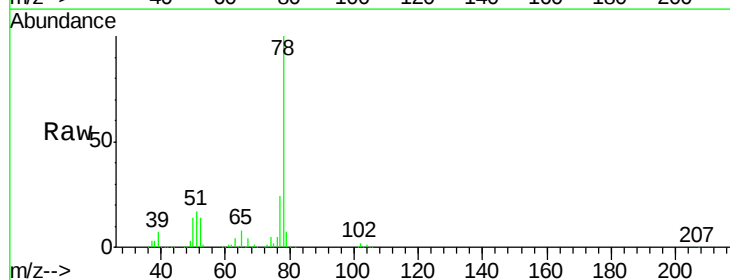
Manual Integrations
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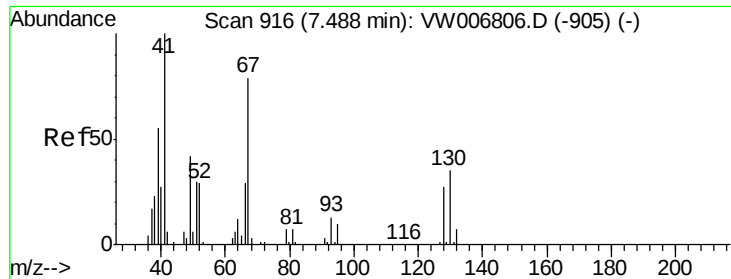
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#40
Benzene
Concen: 51.155 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2





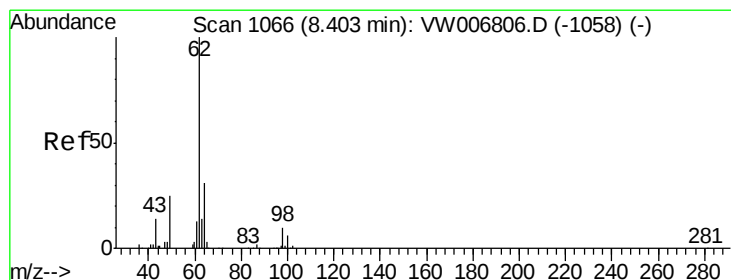
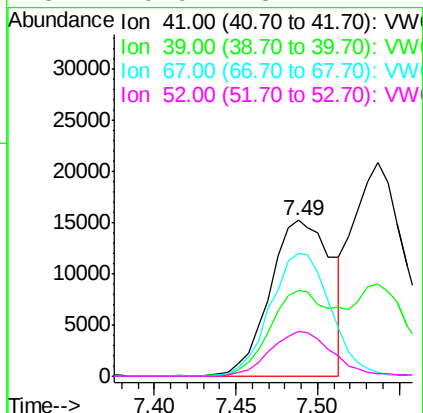
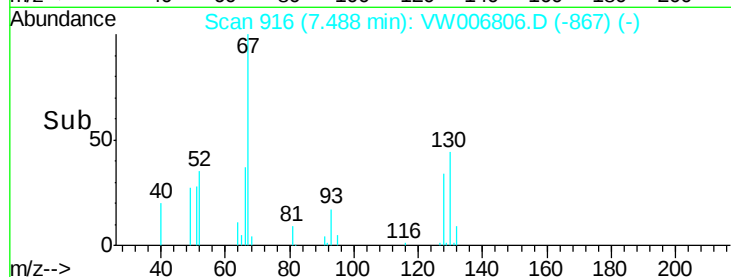
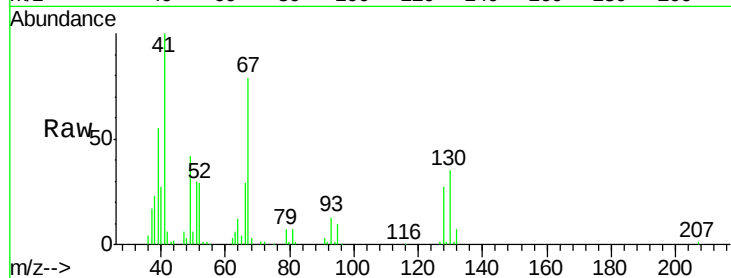
#41
Methacrylonitrile
Concen: 51.011 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.1	49.3	73.9
67	76.8	69.3	103.9
52	29.0	28.2	42.4

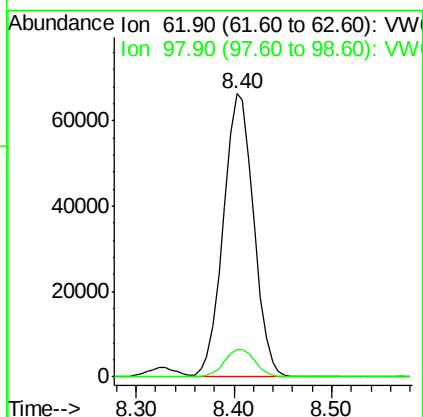
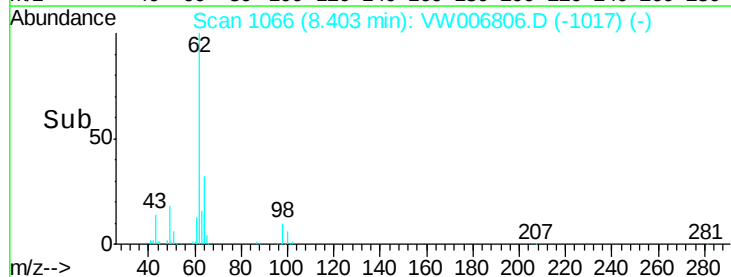
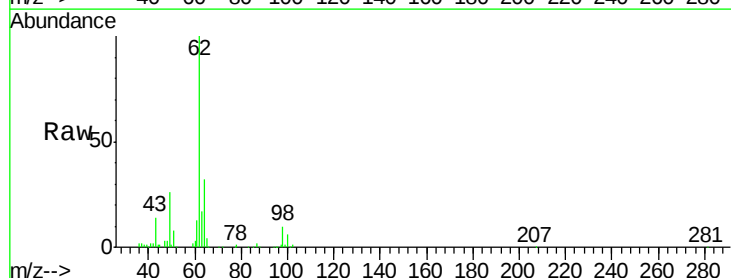
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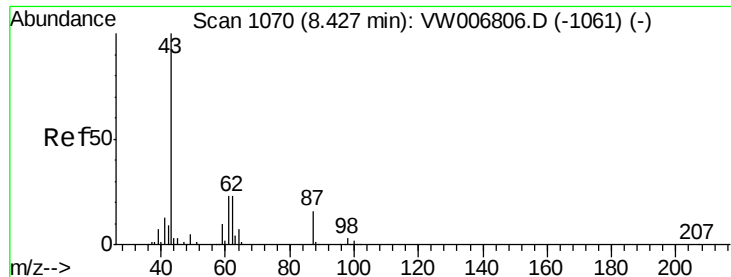
apatel
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#42
1,2-Dichloroethane
Concen: 48.440 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





#43

Isopropyl Acetate

Concen: 49.182 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

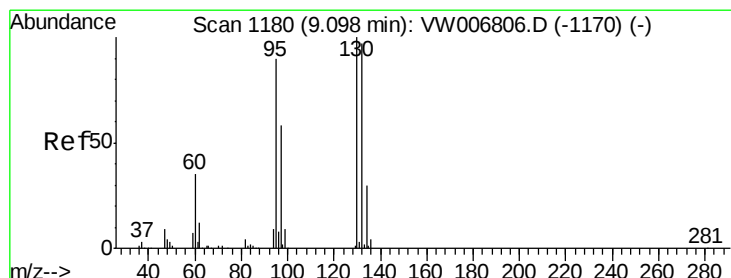
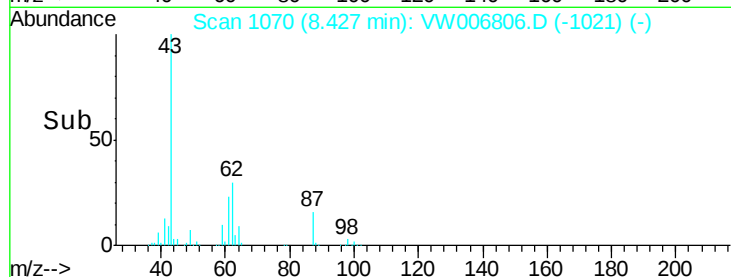
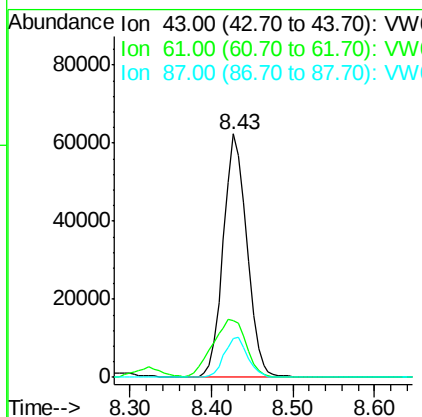
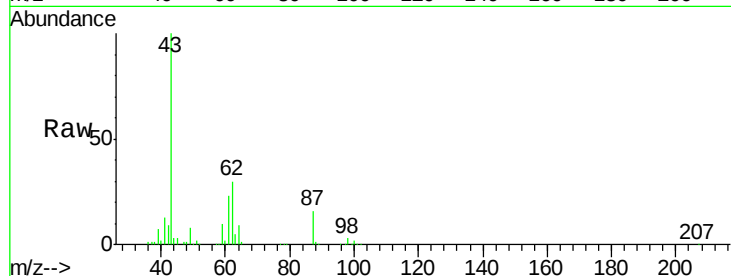
ClientSampleId :

VSTDICCC050

Tgt Ion:	43	Resp:	125525
Ion Ratio		Lower	Upper
43	100		
61	33.7	26.5	39.7
87	16.2	12.8	19.2

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#44

Trichloroethene

Concen: 51.325 ug/l

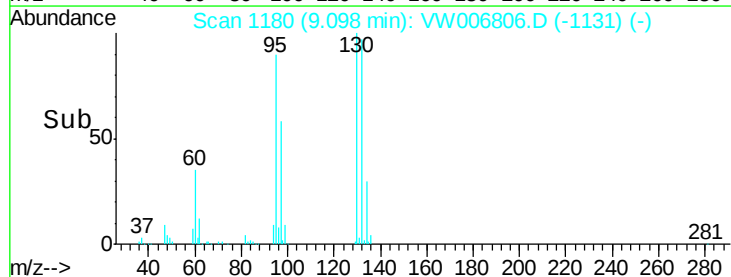
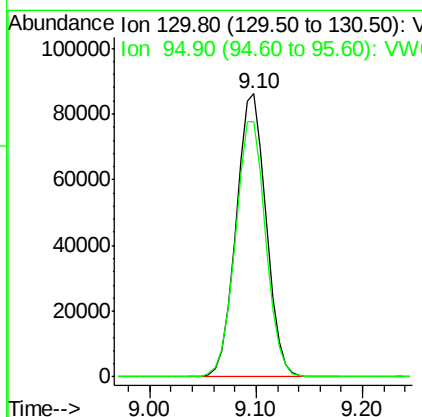
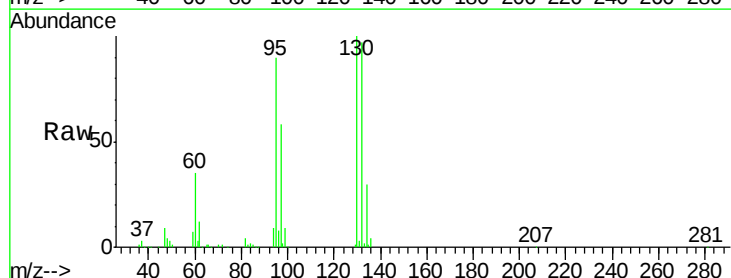
RT: 9.10 min Scan# 1180

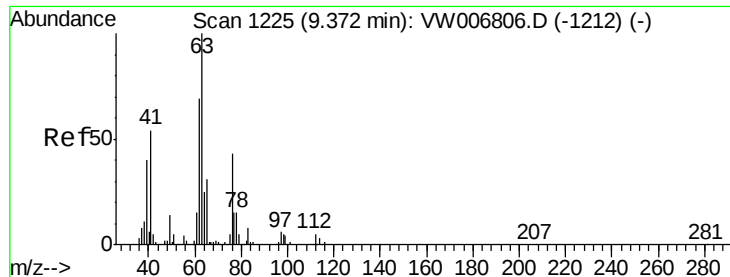
Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion:	130	Resp:	170832
Ion Ratio		Lower	Upper
130	100		
95	90.1	0.0	175.0





#45

1,2-Dichloropropane

Concen: 50.361 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 128039
Ion Ratio Lower Upper

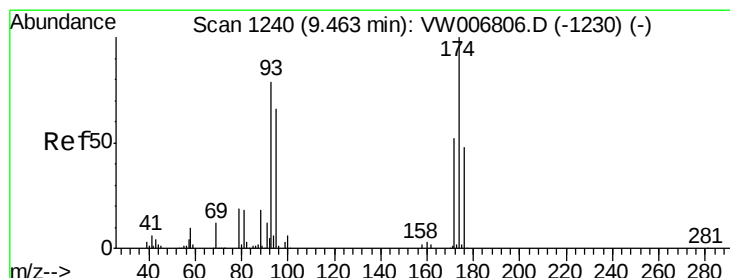
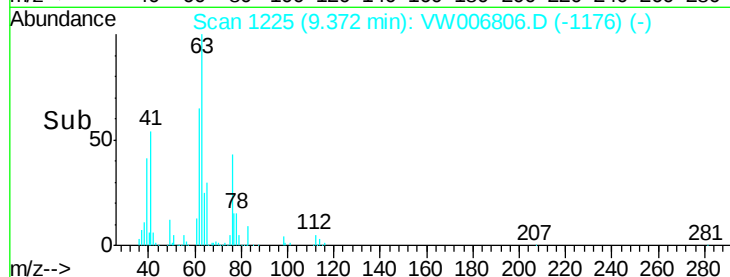
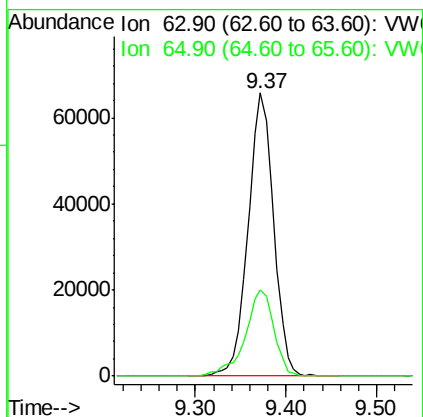
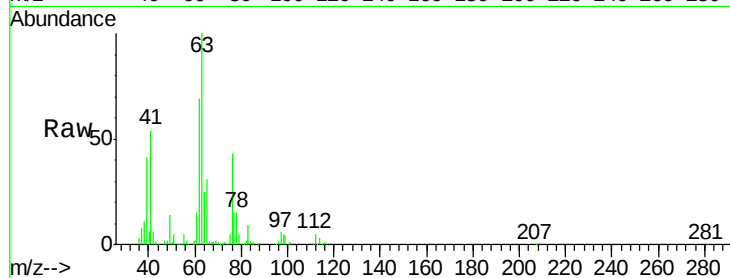
63 100

65 30.5 25.5 38.3

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#46

Dibromomethane

Concen: 48.478 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006806.D

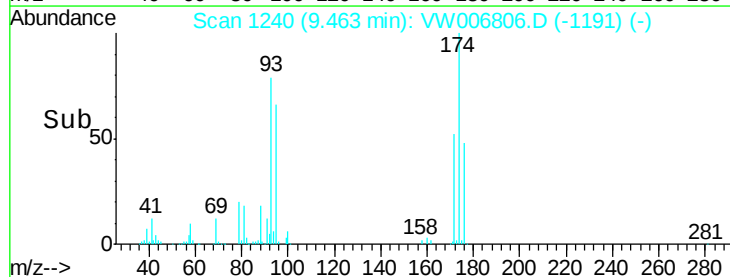
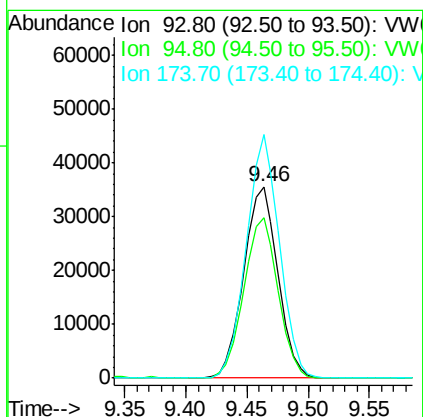
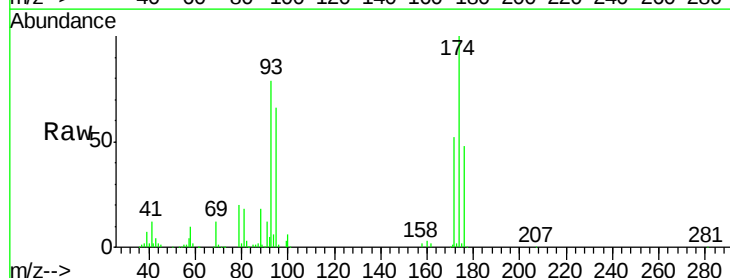
Acq: 12 Nov 2018 13:41

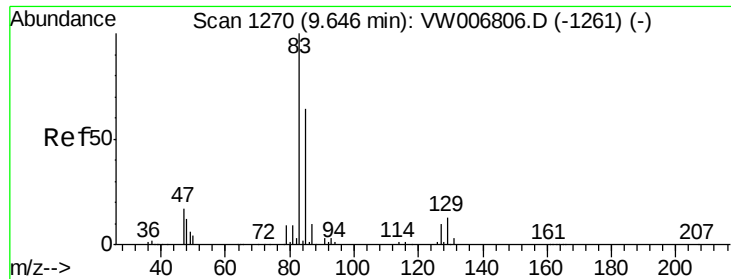
Tgt Ion: 93 Resp: 69198
Ion Ratio Lower Upper

93 100

95 83.8 65.4 98.0

174 123.2 96.4 144.6





#47

Bromodichloromethane

Concen: 50.292 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

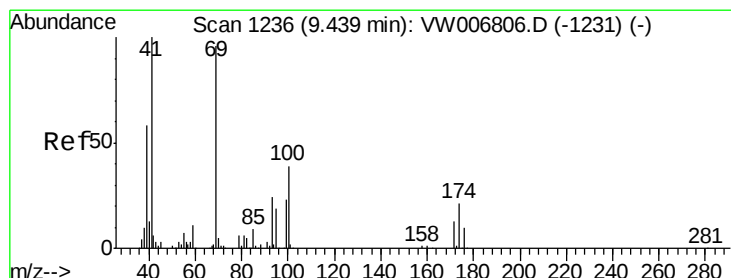
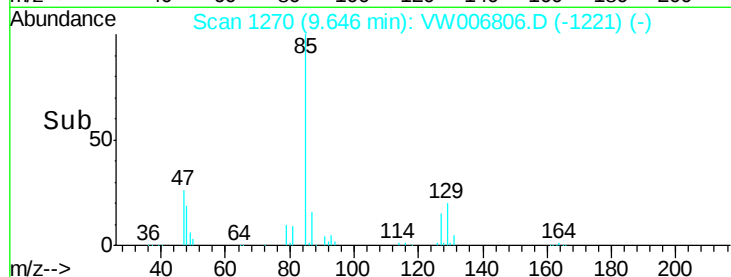
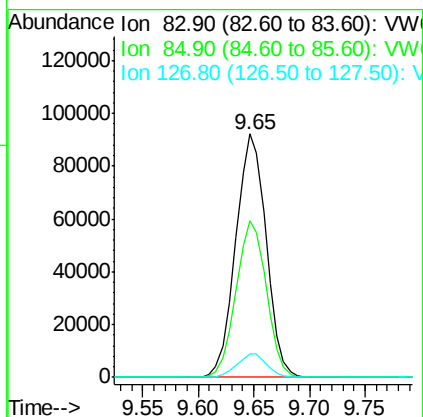
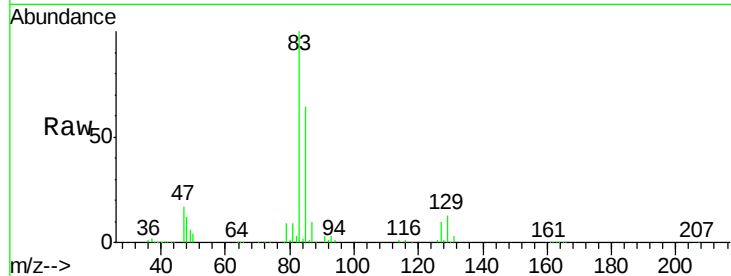
ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	174198
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4
127	9.5	7.4	11.2

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#48

Methyl methacrylate

Concen: 51.524 ug/l

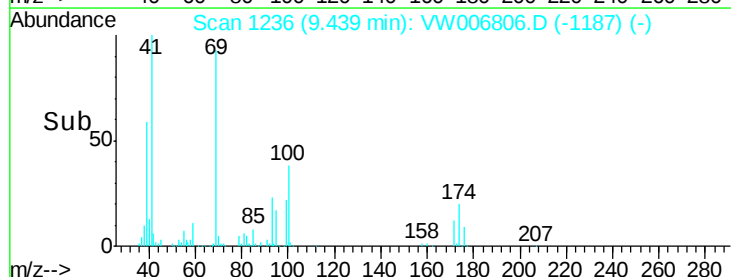
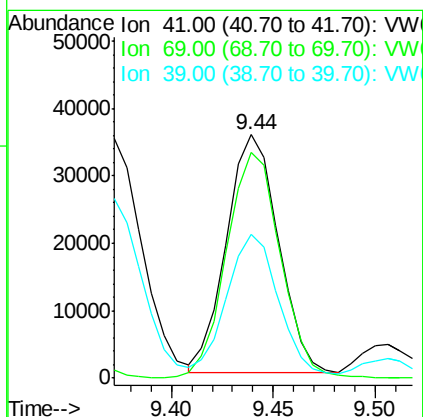
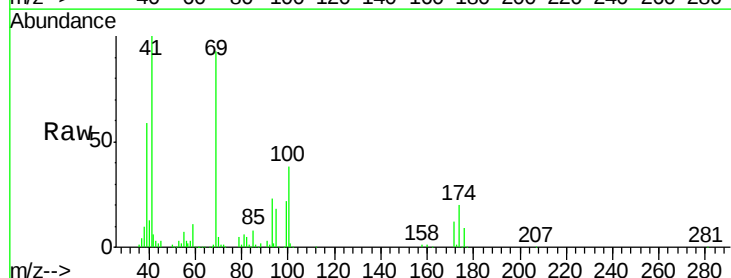
RT: 9.44 min Scan# 1236

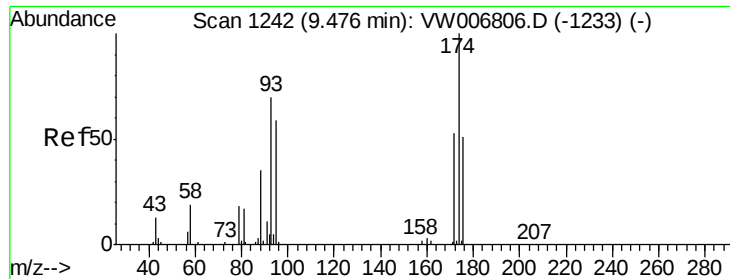
Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion:	41	Resp:	61933
Ion	Ratio	Lower	Upper
41	100		
69	99.7	81.5	122.3
39	57.4	48.0	72.0





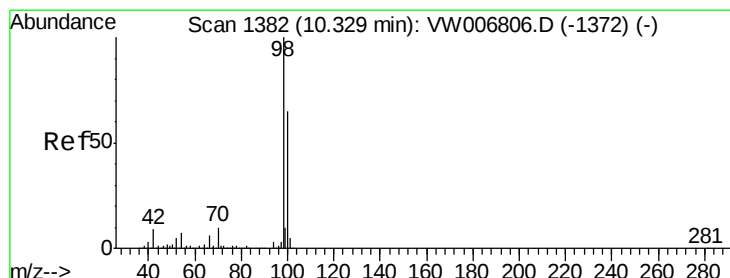
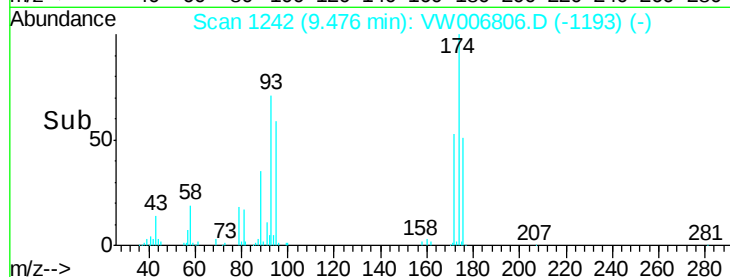
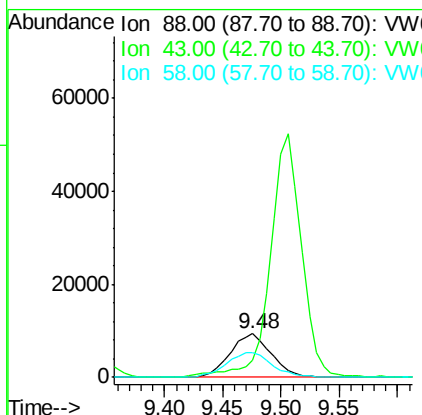
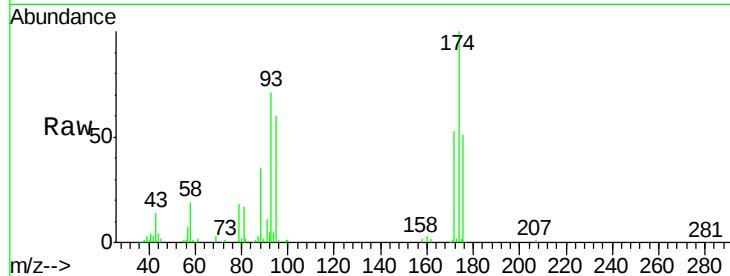
#49
1,4-Dioxane
Concen: 1082.313 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	63.2	53.7	80.5

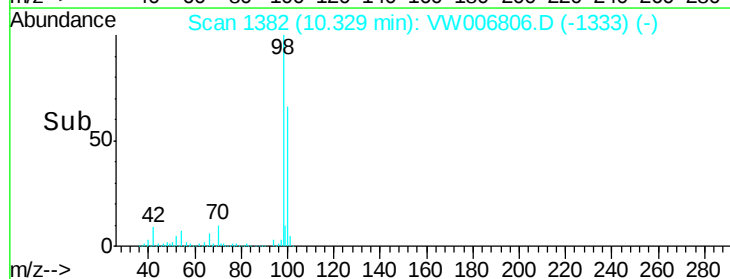
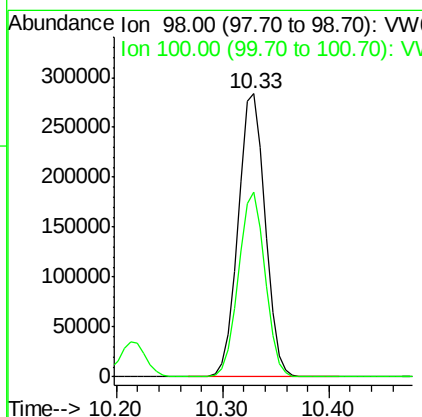
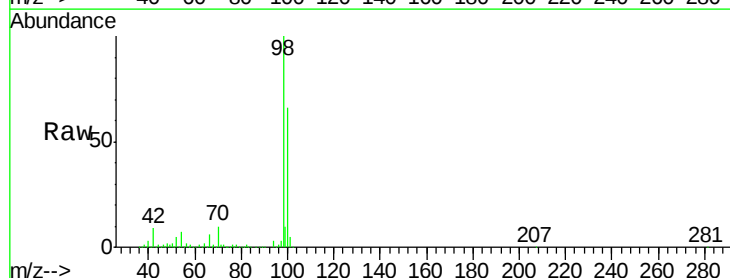
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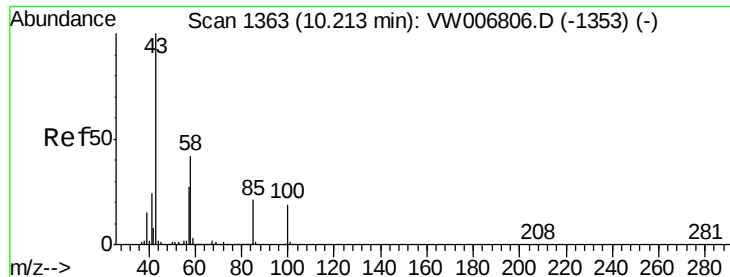
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#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





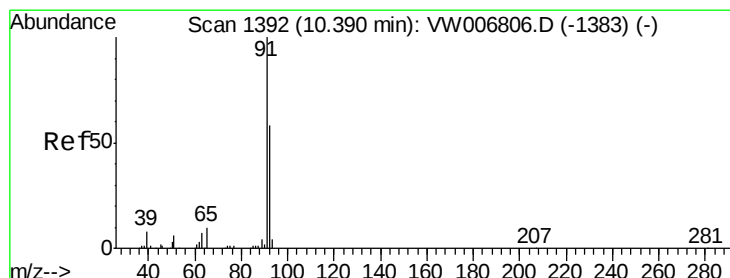
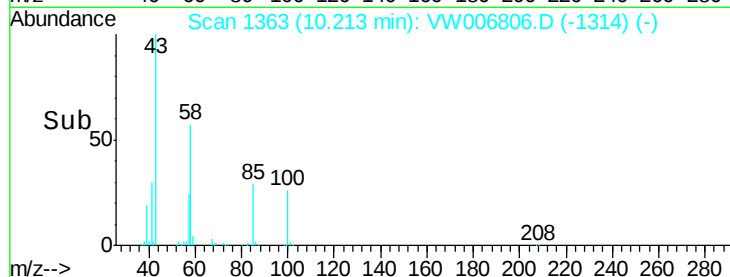
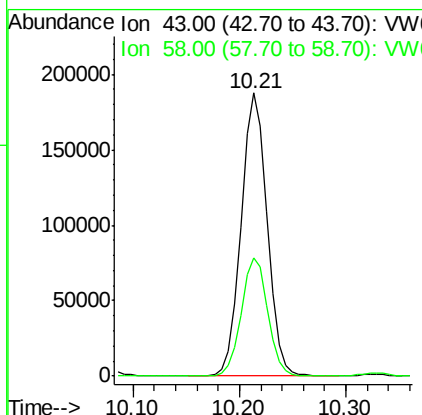
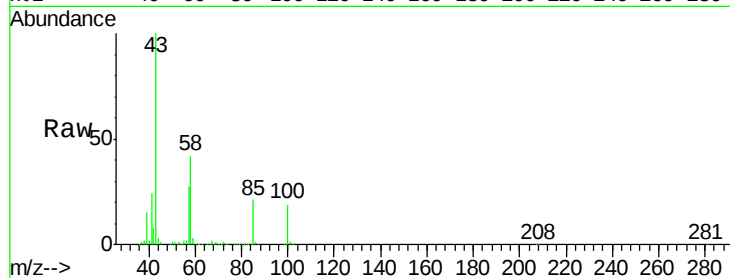
#51
4-Methyl-2-Pentanone
Concen: 245.175 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 321489
Ion Ratio Lower Upper
43 100
58 42.5 33.2 49.8

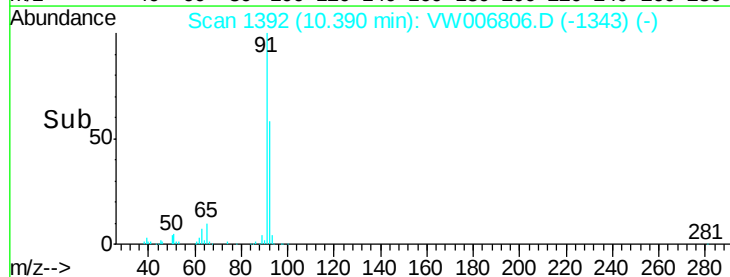
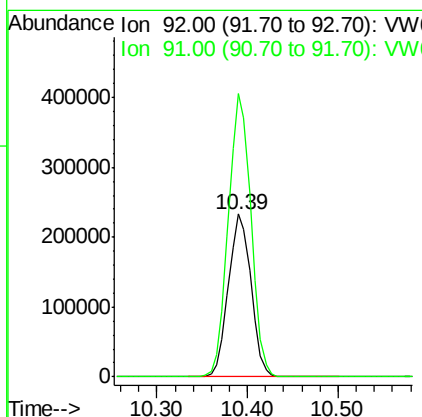
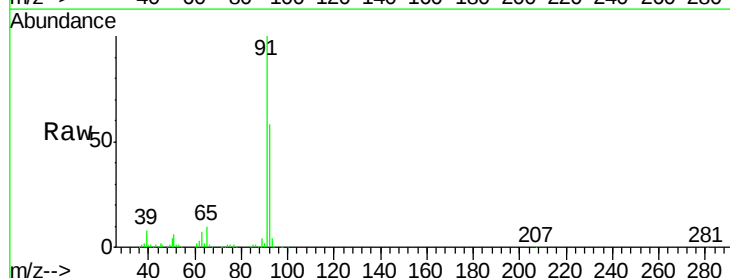
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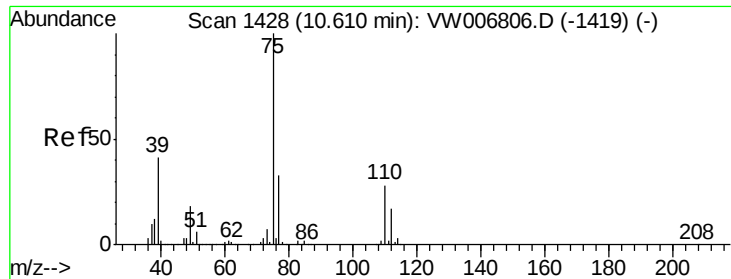
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#52
Toluene
Concen: 52.913 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 92 Resp: 402717
Ion Ratio Lower Upper
92 100
91 174.3 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 52.328 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 175752

Ion Ratio Lower Upper

75 100

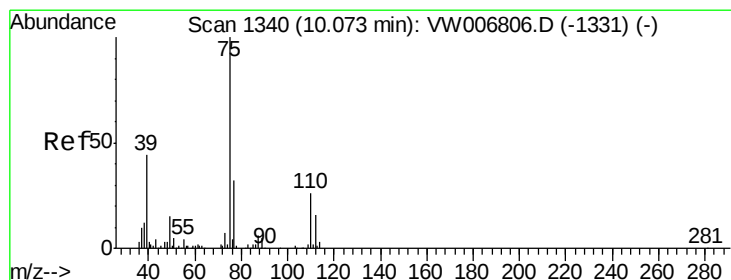
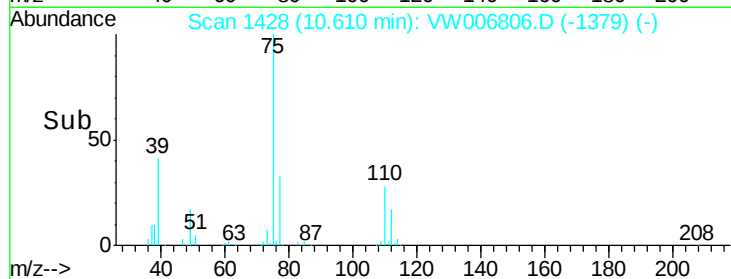
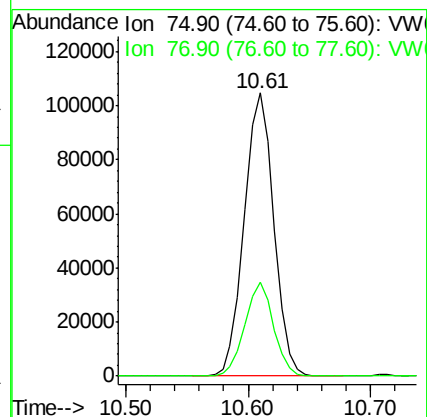
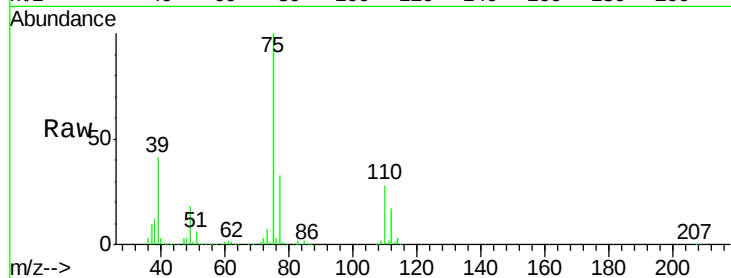
77 32.9 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 52.342 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

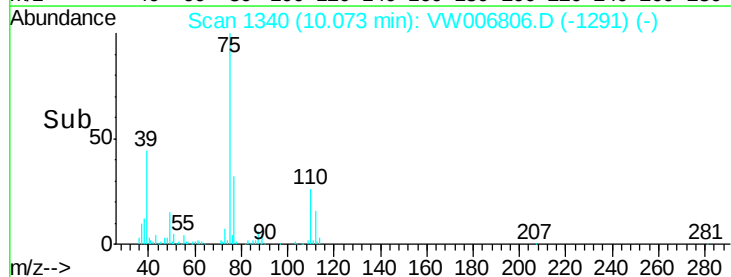
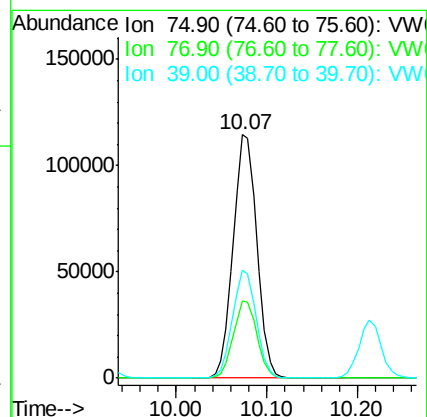
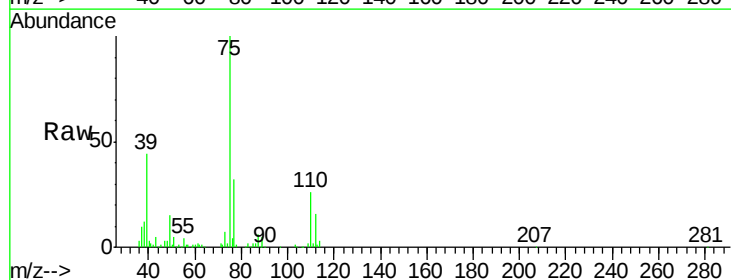
Tgt Ion: 75 Resp: 208432

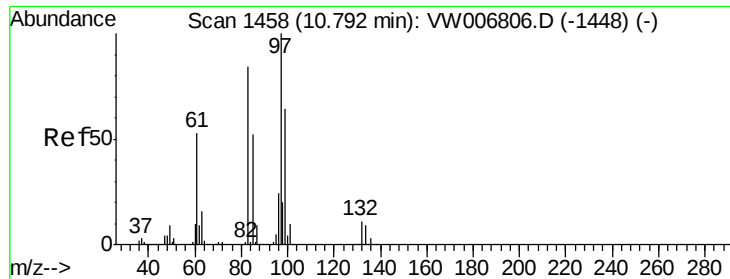
Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

39 44.1 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 49.484 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

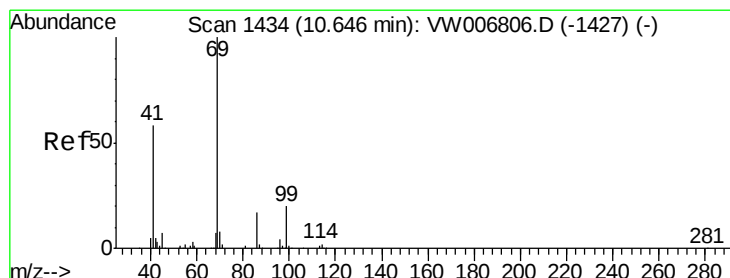
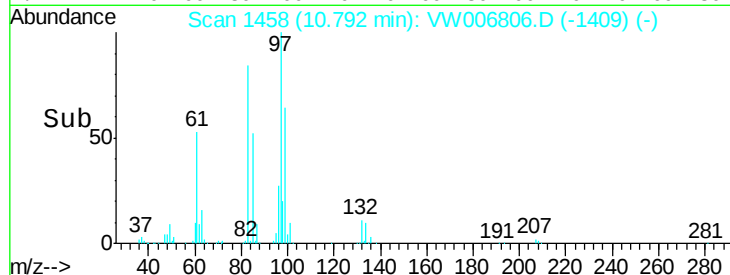
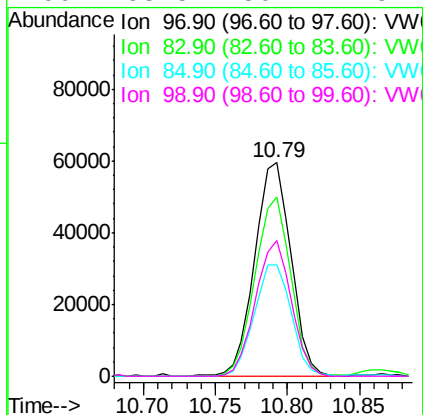
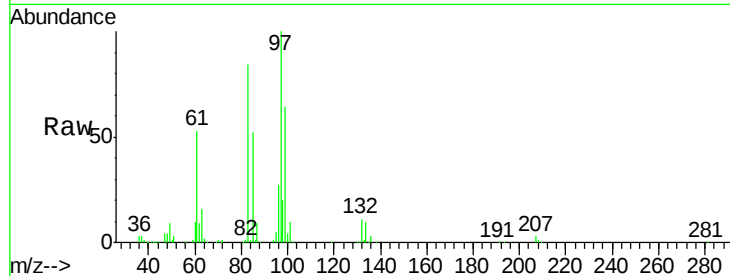
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	104056		
83	83.7	64.4	96.6	
85	52.1	42.6	63.8	
99	63.5	50.2	75.2	

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#56

Ethyl methacrylate

Concen: 53.231 ug/l

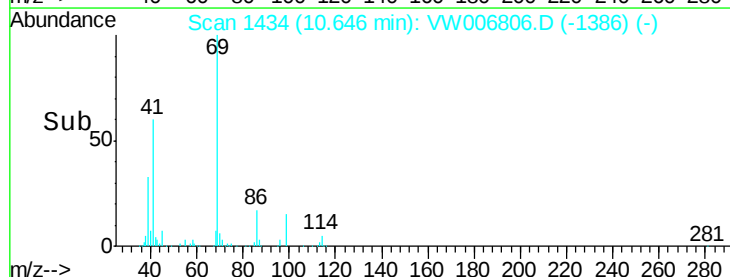
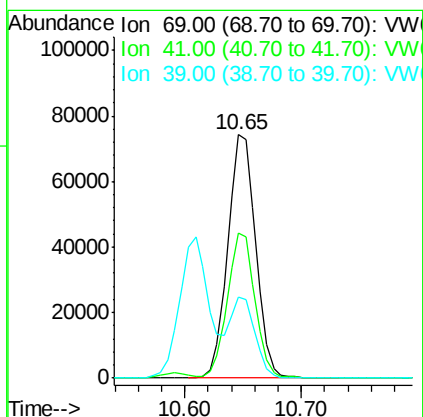
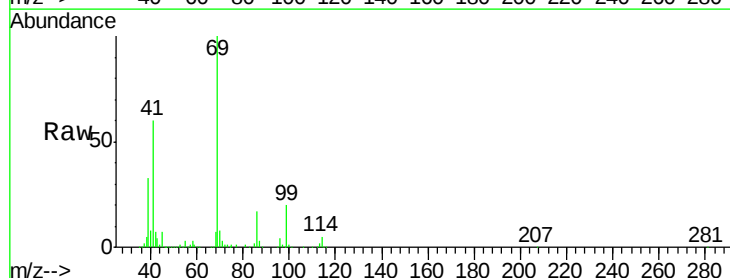
RT: 10.65 min Scan# 1434

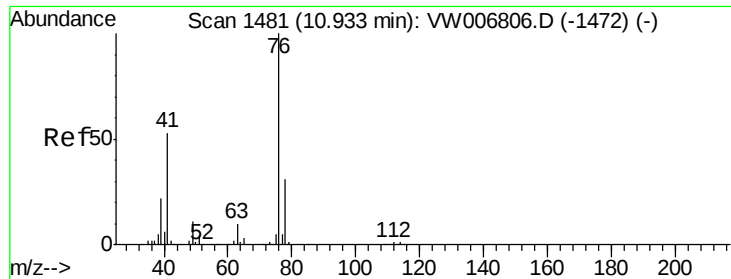
Delta R.T. -0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	123608		
41	58.7	47.2	70.8	
39	28.9	23.4	35.0	





#57

1,3-Dichloropropane

Concen: 49.747 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 167230

Ion Ratio Lower Upper

76 100

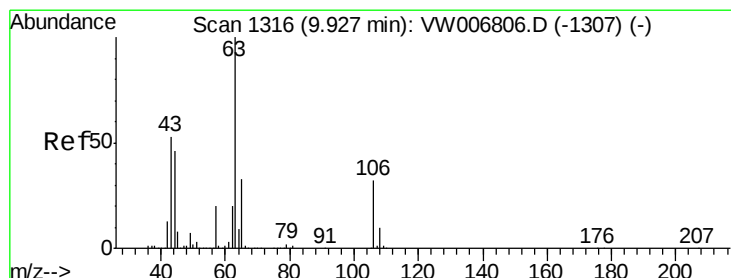
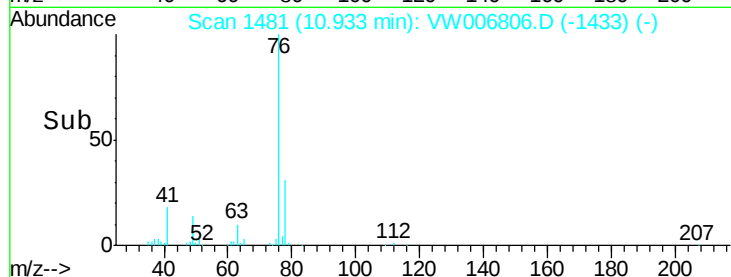
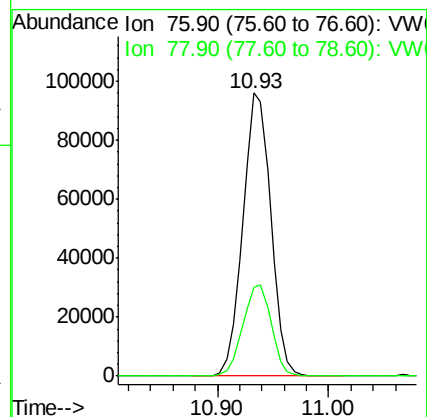
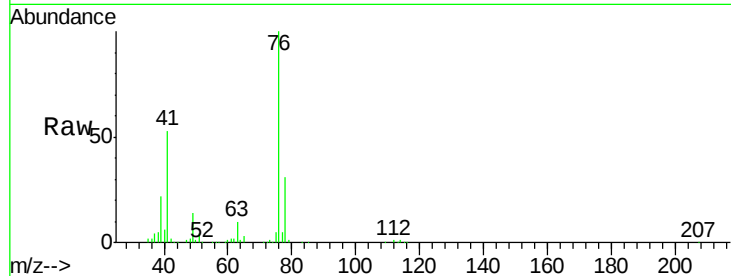
78 32.7 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 256.664 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006806.D

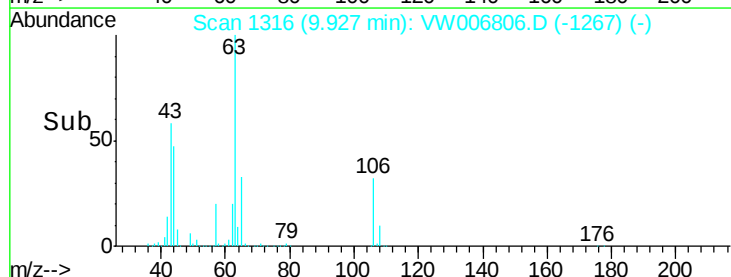
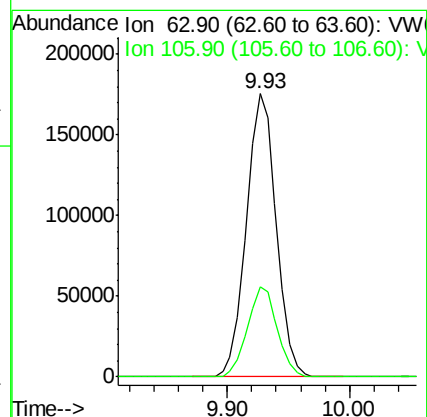
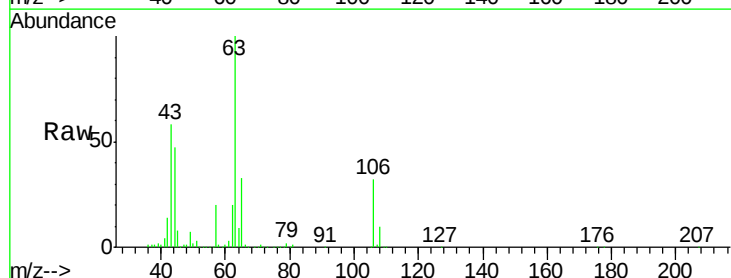
Acq: 12 Nov 2018 13:41

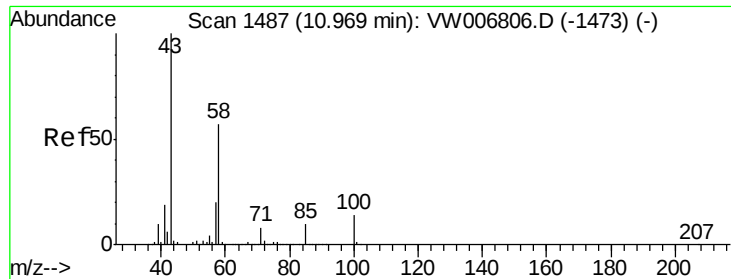
Tgt Ion: 63 Resp: 296812

Ion Ratio Lower Upper

63 100

106 31.7 25.3 37.9





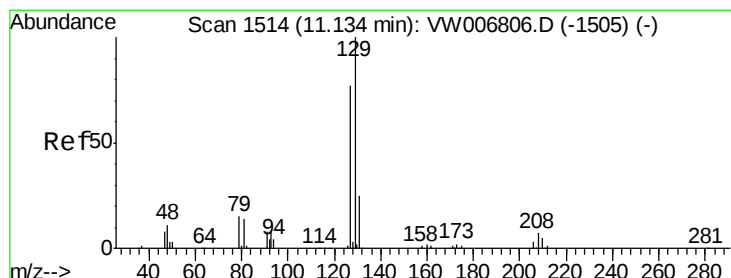
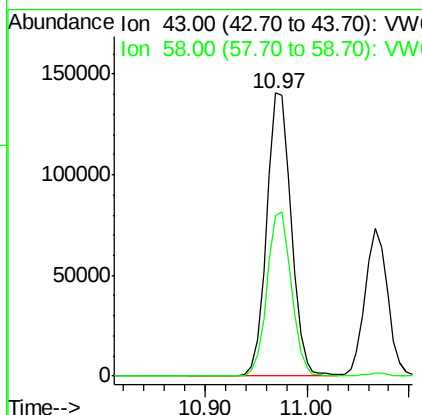
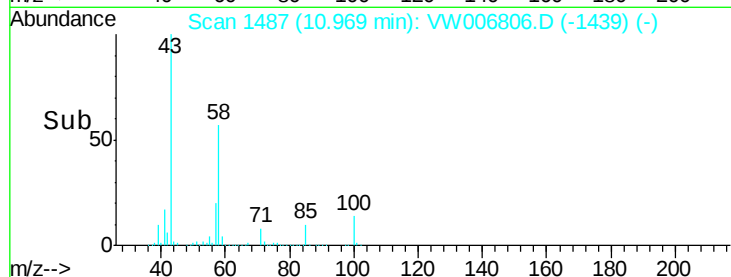
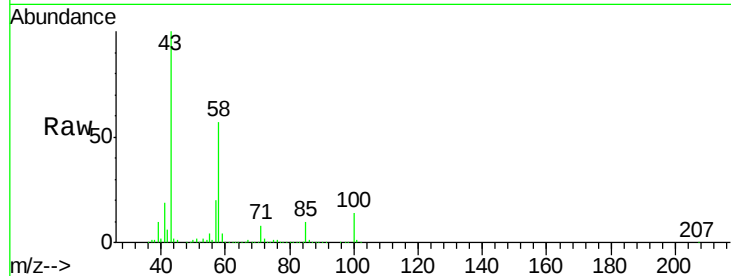
#59
2-Hexanone
Concen: 263.764 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 234394
Ion Ratio Lower Upper
43 100
58 57.4 28.5 85.5

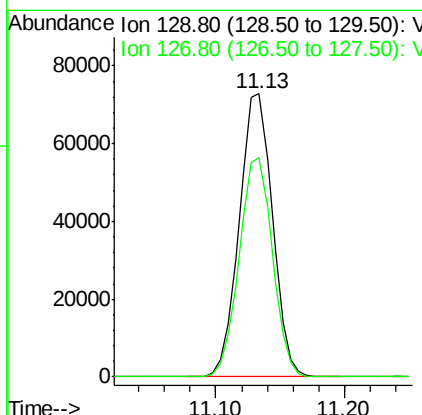
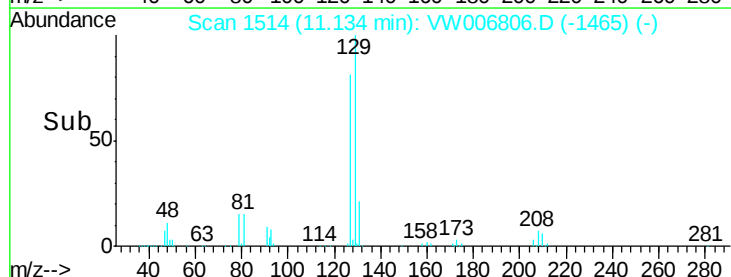
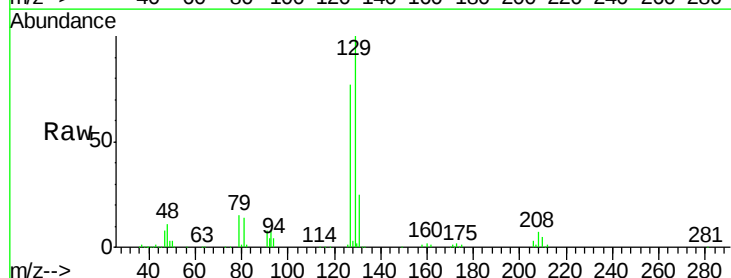
Manual Integrations
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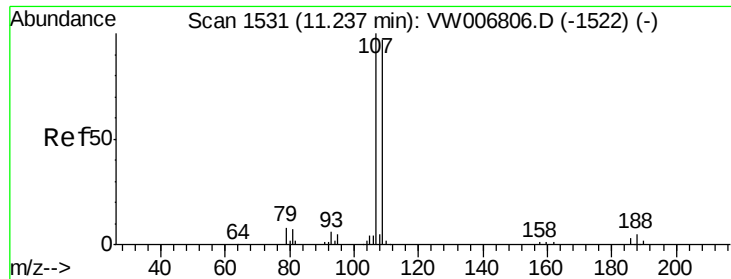
apatel
11/13/2018 11:53:40 AM



#60
Dibromochloromethane
Concen: 51.397 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 129 Resp: 129913
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





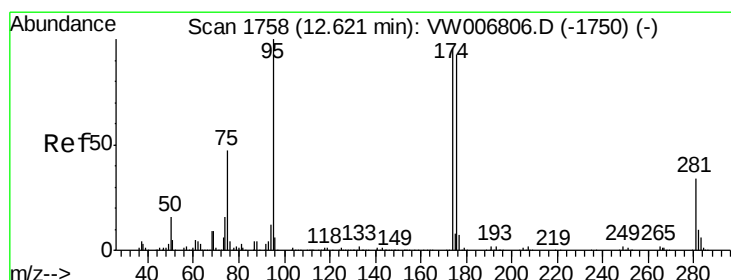
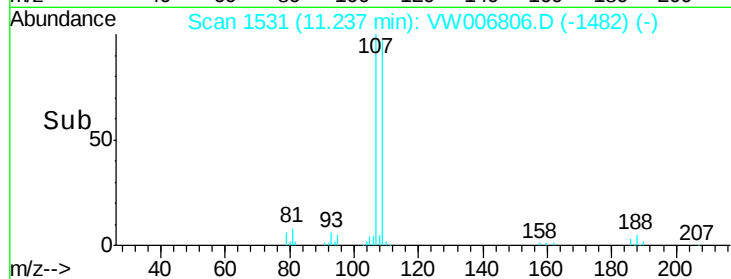
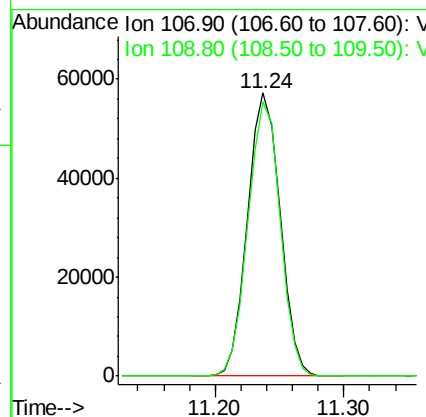
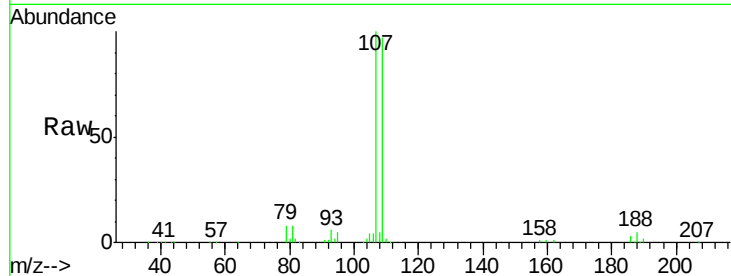
#61
 1,2-Dibromoethane
 Concen: 49.401 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 99945
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.5 113.3

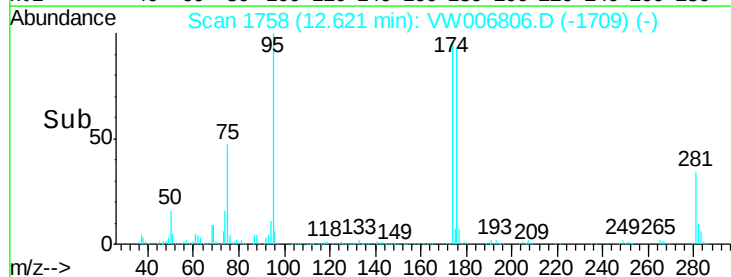
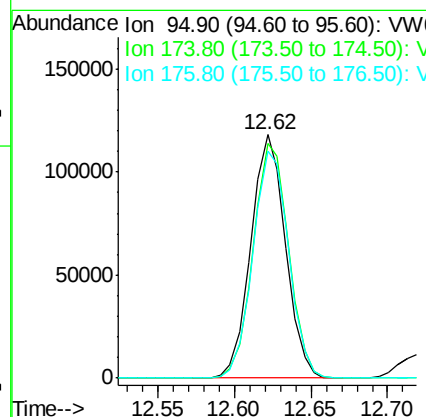
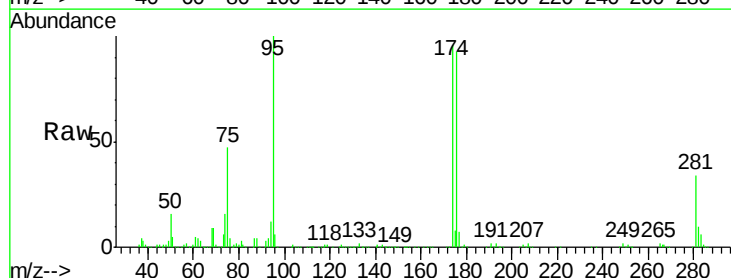
Manual Integrations
 APPROVED

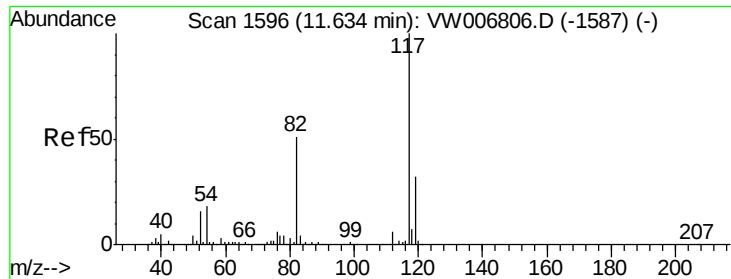
apatel
 11/13/2018 11:53:40 AM



#62
 4-Bromofluorobenzene
 Concen: 50.503 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion: 95 Resp: 186144
 Ion Ratio Lower Upper
 95 100
 174 98.3 0.0 196.2
 176 95.8 0.0 190.8





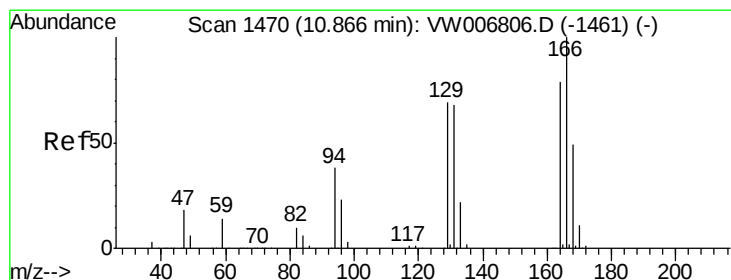
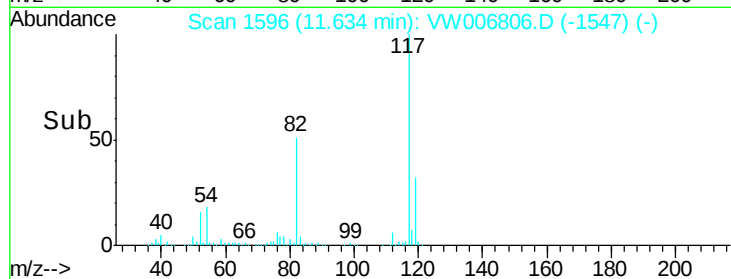
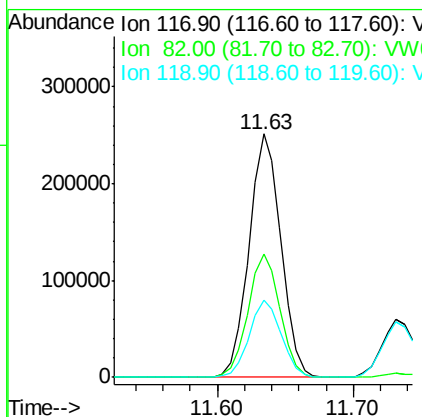
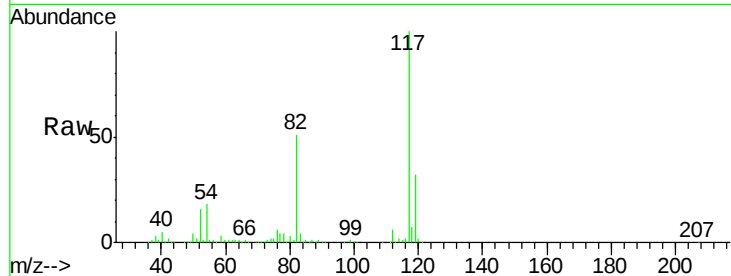
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	413865		
82	50.8	40.9	61.3	
119	31.9	25.8	38.8	

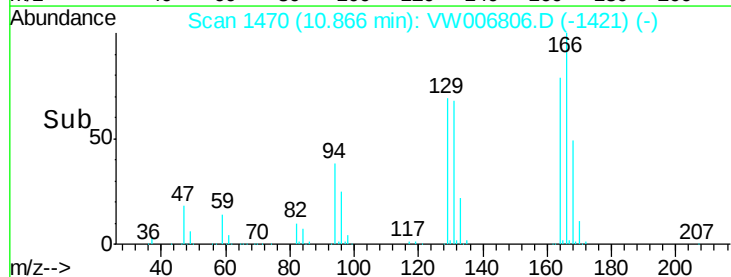
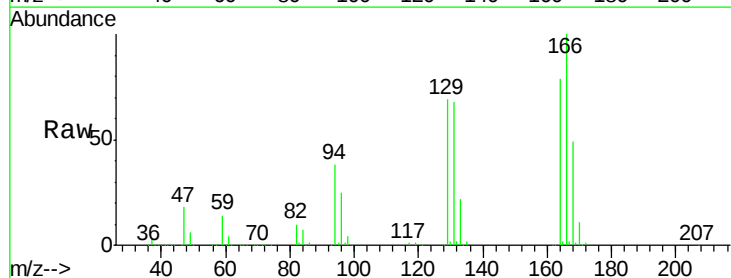
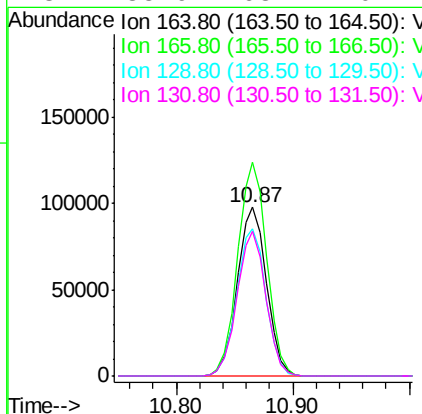
Manual Integrations
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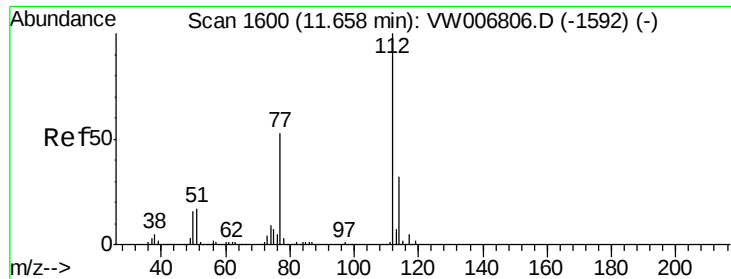
apatel
11/13/2018 11:53:40 AM



#64
Tetrachloroethene
Concen: 53.799 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170026		
166	126.6	103.7	155.5	
129	87.0	70.4	105.6	
131	85.9	68.2	102.2	





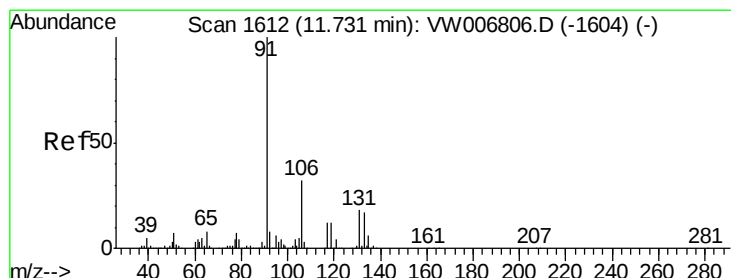
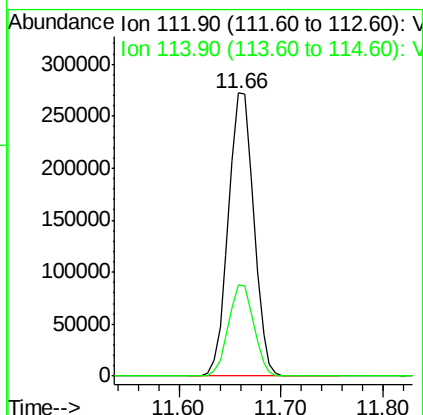
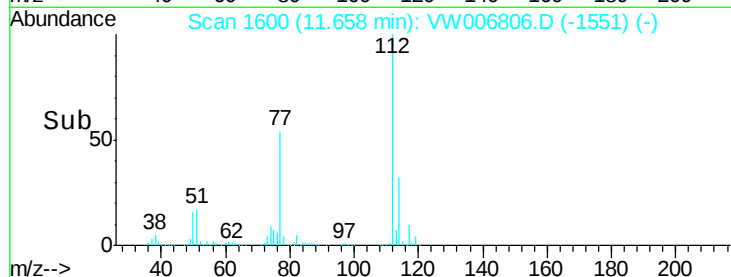
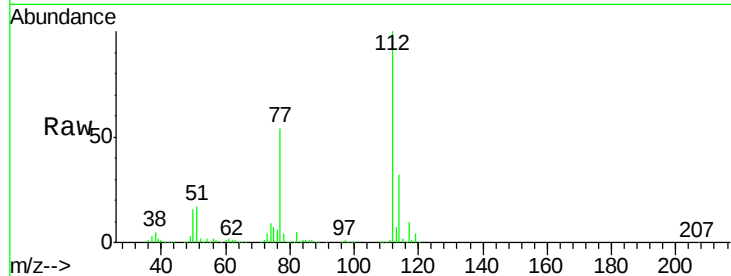
#65
Chlorobenzene
Concen: 53.120 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 467952
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9

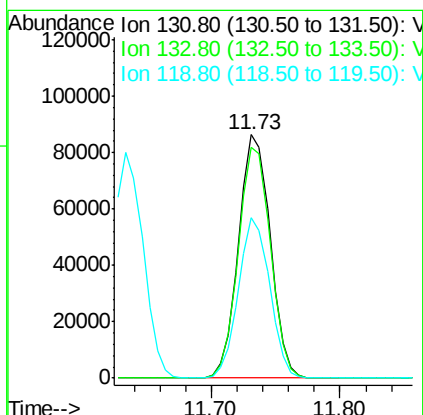
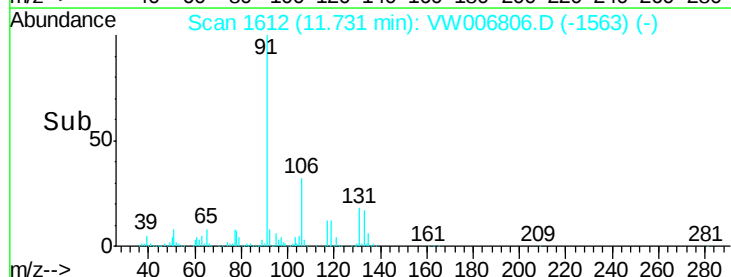
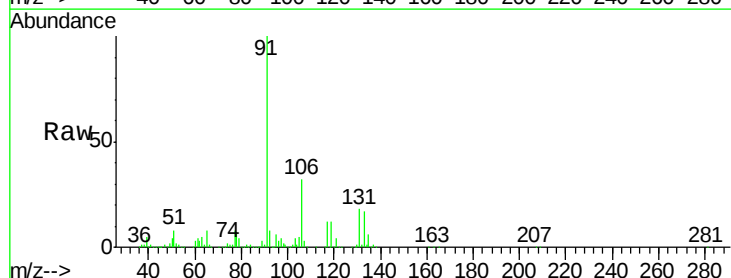
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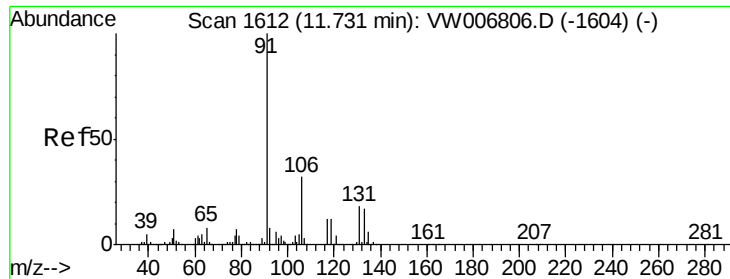
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.362 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion:131 Resp: 147767
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 64.8 32.3 96.8





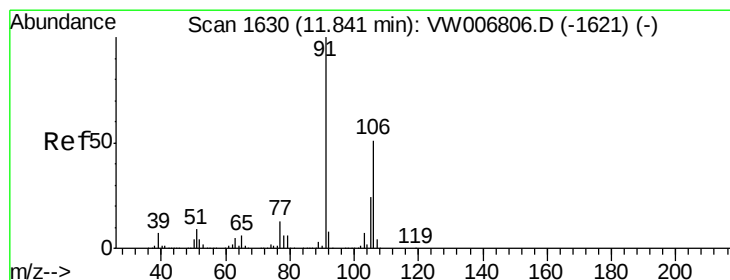
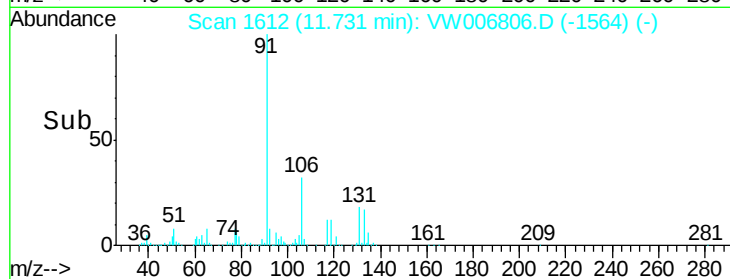
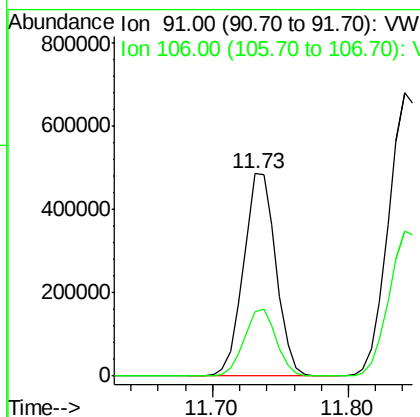
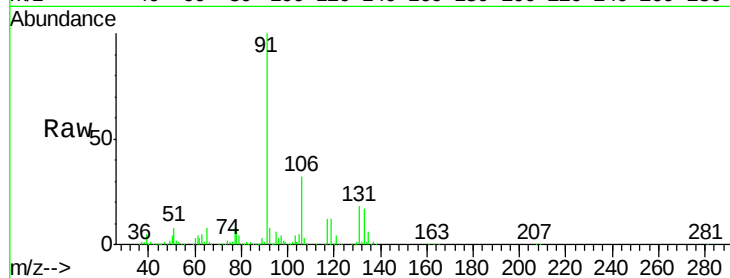
#67
Ethyl Benzene
Concen: 54.645 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 809822
Ion Ratio Lower Upper
91 100
106 31.7 26.3 39.5

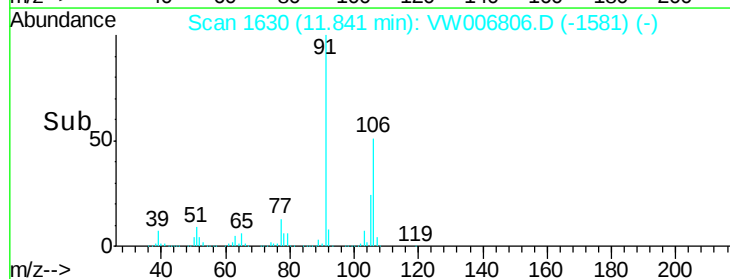
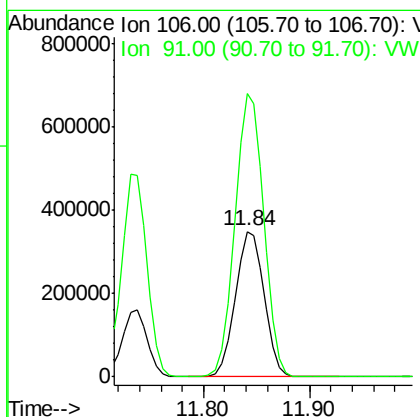
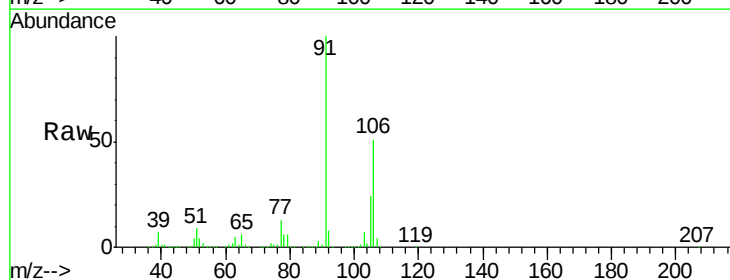
Manual Integrations
APPROVED

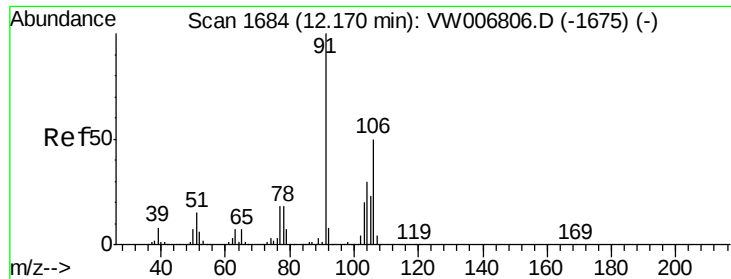
apatel
11/13/2018 11:53:40 AM



#68
m/p-Xylenes
Concen: 109.325 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion: 106 Resp: 660850
Ion Ratio Lower Upper
106 100
91 194.6 155.3 232.9





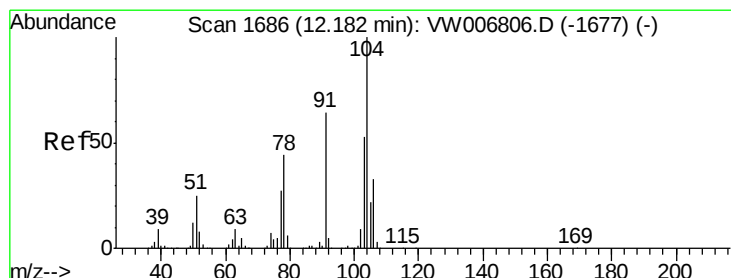
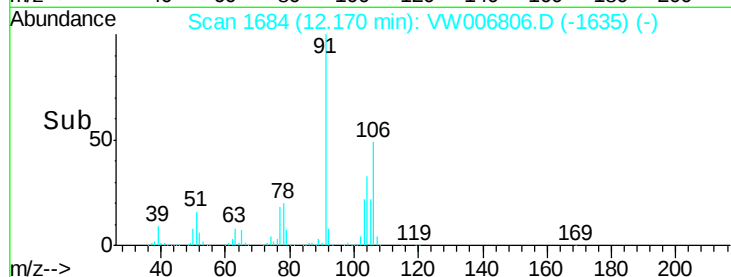
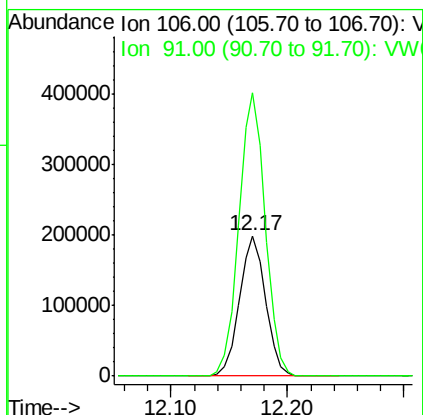
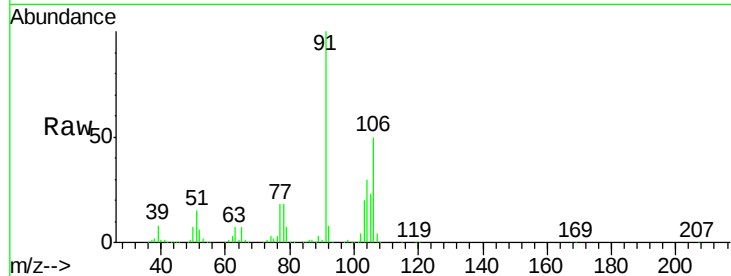
#69
o-Xylene
Concen: 55.783 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 310434
Ion Ratio Lower Upper
106 100
91 203.8 103.0 308.9

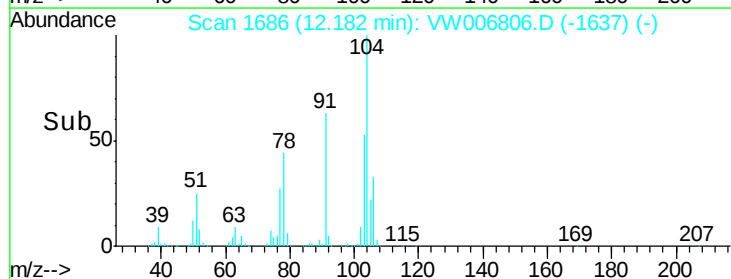
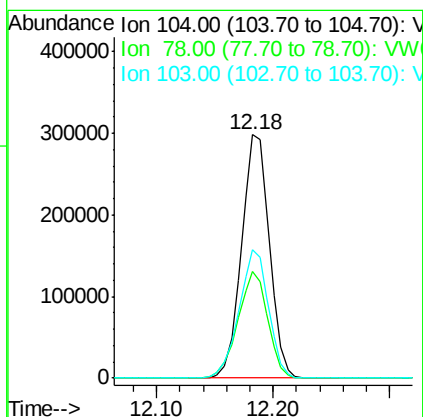
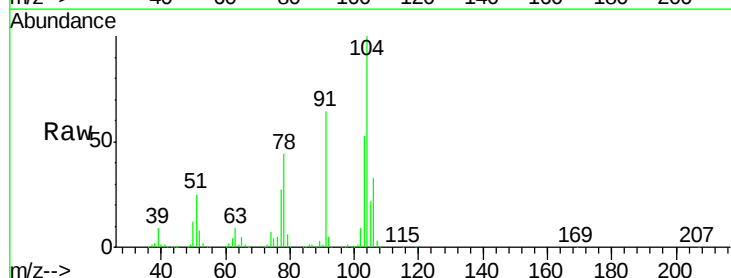
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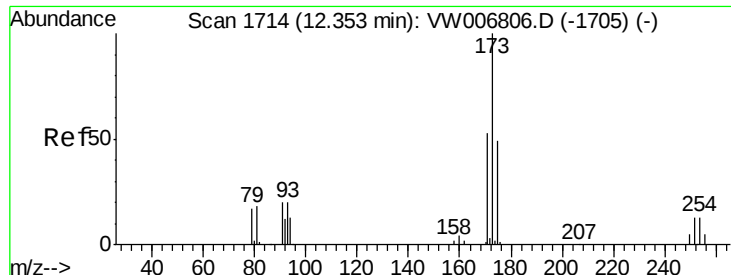
apatel
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#70
Styrene
Concen: 55.053 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion:104 Resp: 497983
Ion Ratio Lower Upper
104 100
78 46.6 37.1 55.7
103 55.7 44.4 66.6





#71

Bromoform

Concen: 52.244 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

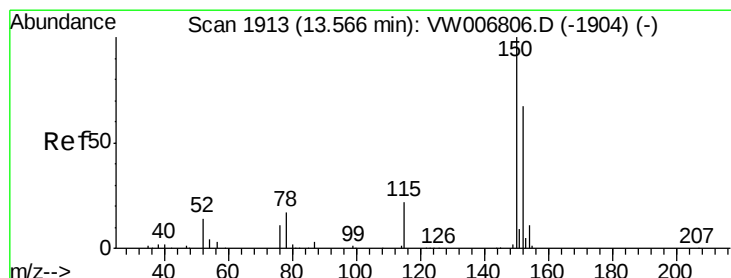
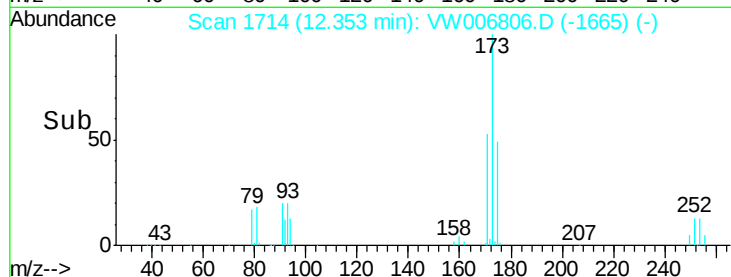
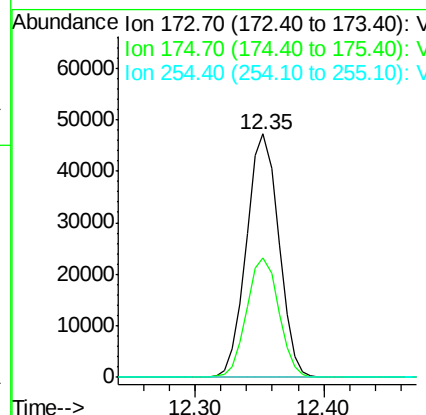
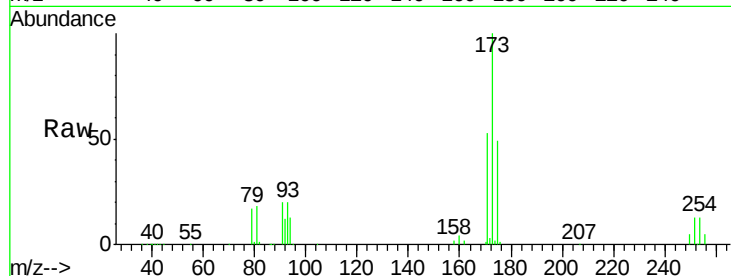
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.8
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

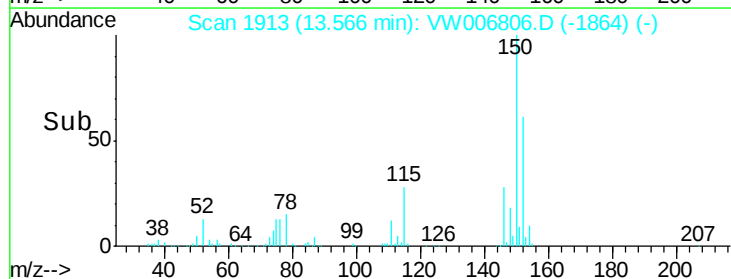
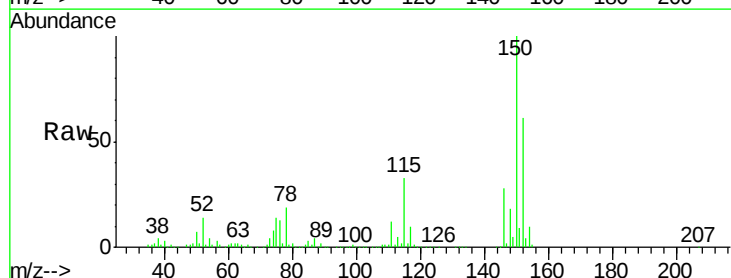
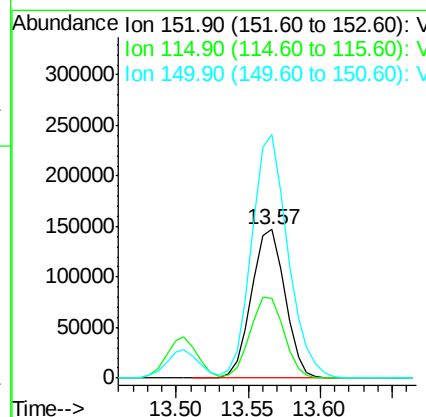
RT: 13.57 min Scan# 1913

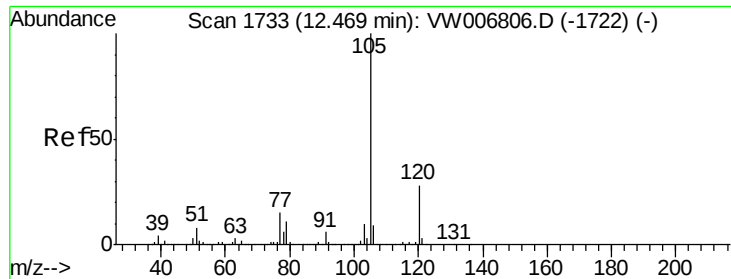
Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	26.7	80.0
150	176.5	0.0	348.0





#73

Isopropylbenzene

Concen: 55.649 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 847938

Ion Ratio Lower Upper

105 100

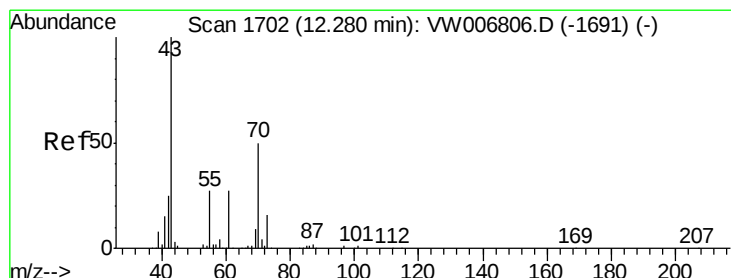
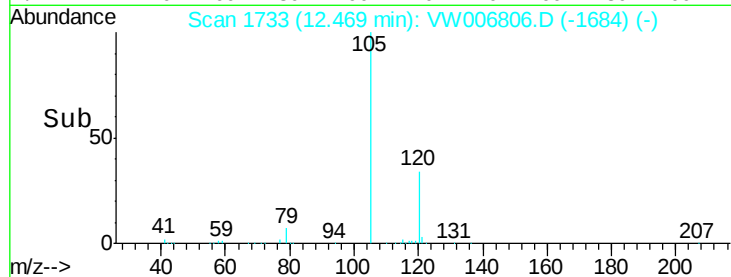
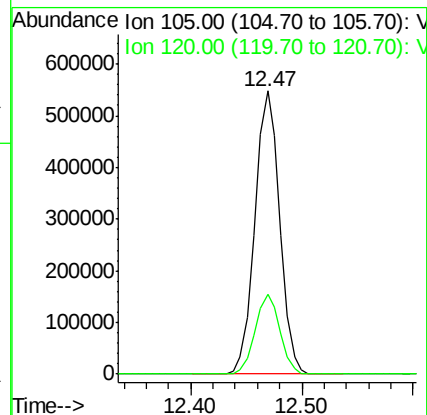
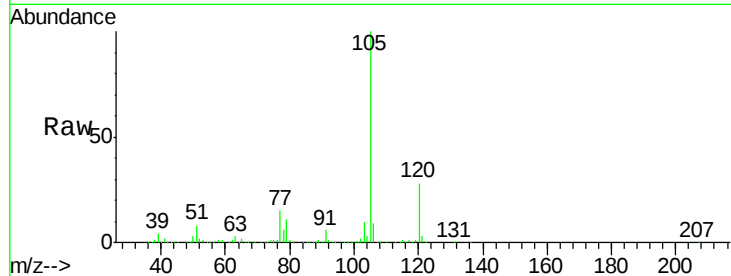
120 28.0 13.9 41.6

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#74

N-ethyl acetate

Concen: 52.146 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion: 43 Resp: 129512

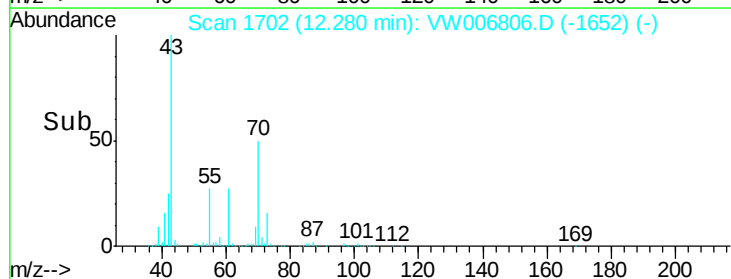
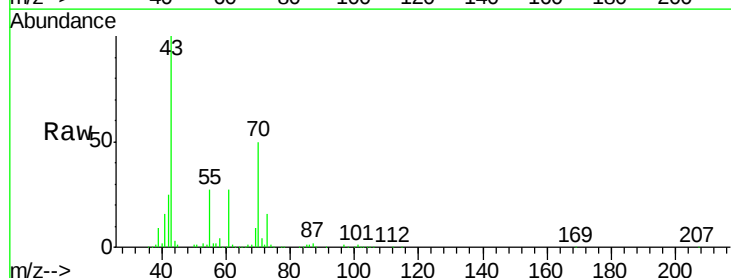
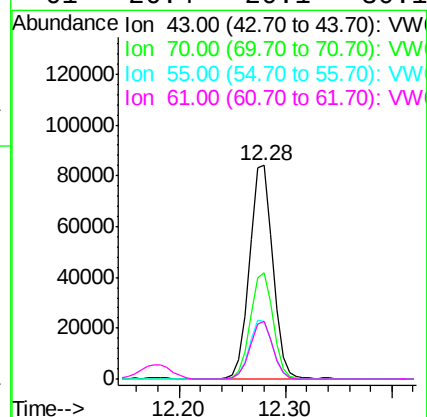
Ion Ratio Lower Upper

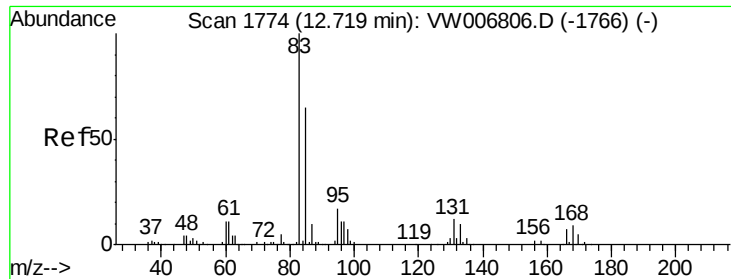
43 100

70 48.7 38.3 57.5

55 27.6 22.3 33.5

61 26.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.544 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 114739

Ion Ratio Lower Upper

83 100

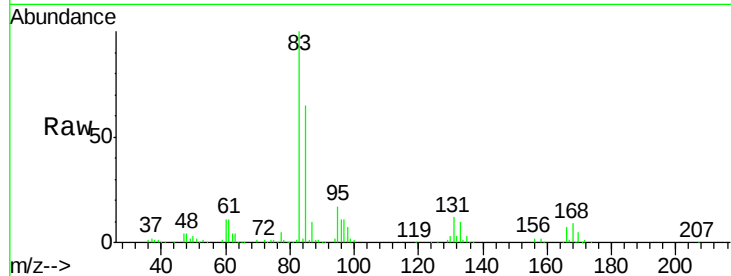
131 12.2 6.0 18.0

85 64.7 32.3 96.8

Manual Integrations
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apatel

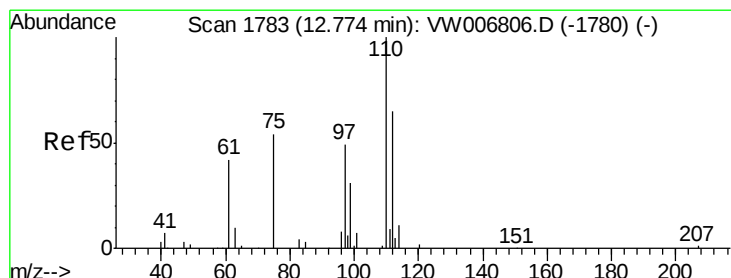
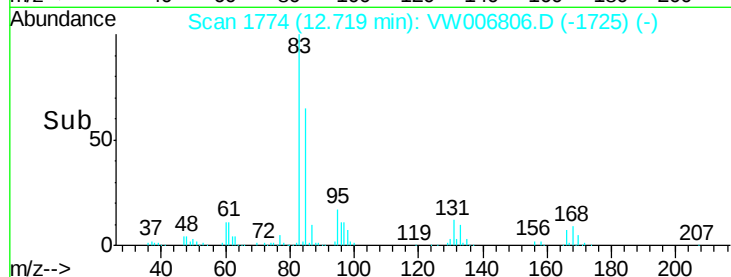
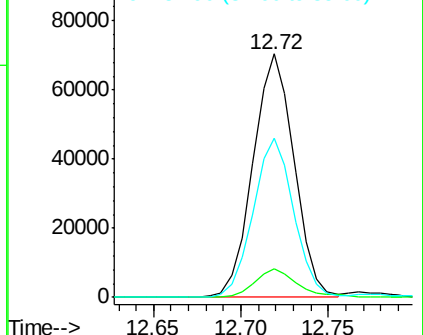
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 49.781 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006806.D

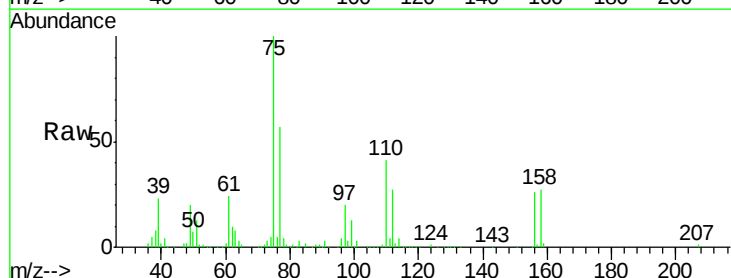
Acq: 12 Nov 2018 13:41

Tgt Ion: 75 Resp: 85974

Ion Ratio Lower Upper

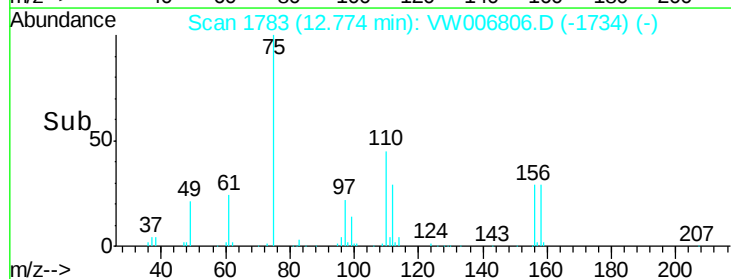
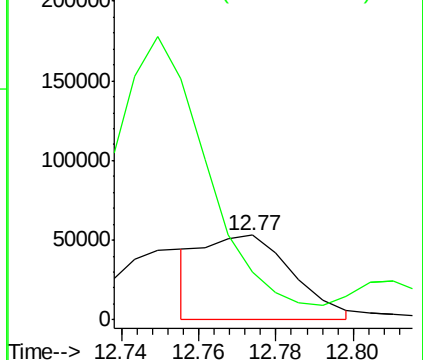
75 100

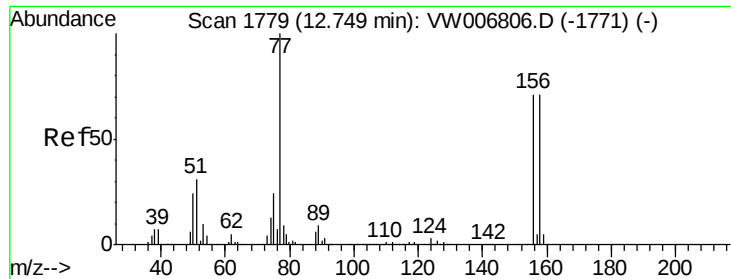
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.210 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

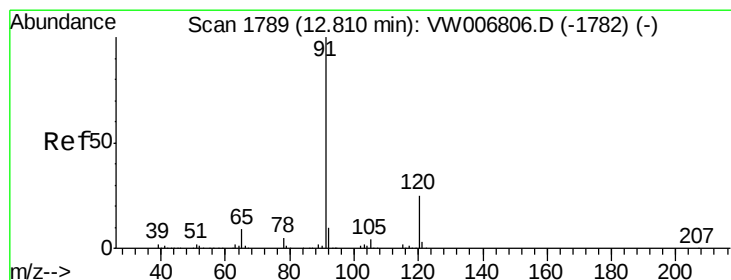
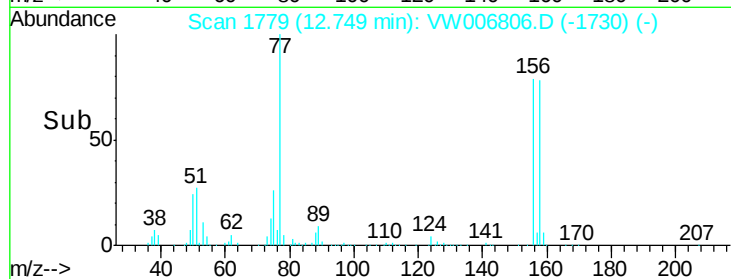
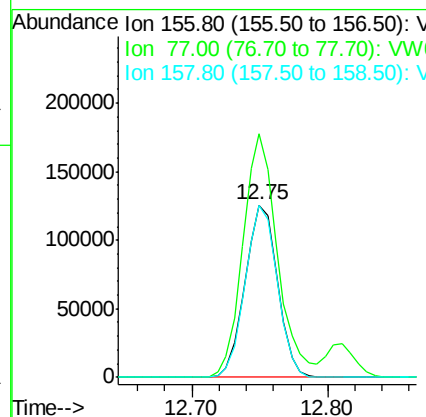
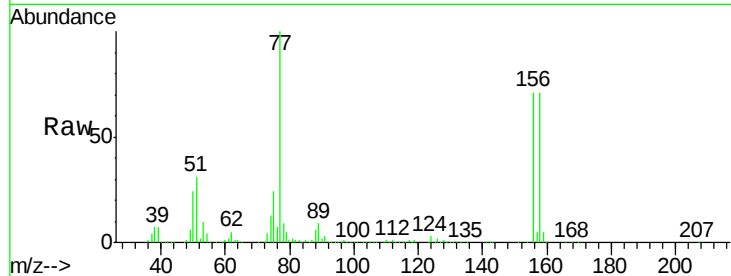
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.5	75.4	226.3
158	98.4	48.7	146.1

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#78

n-propylbenzene

Concen: 55.521 ug/l

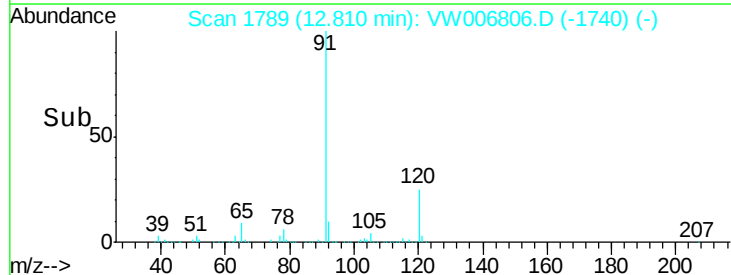
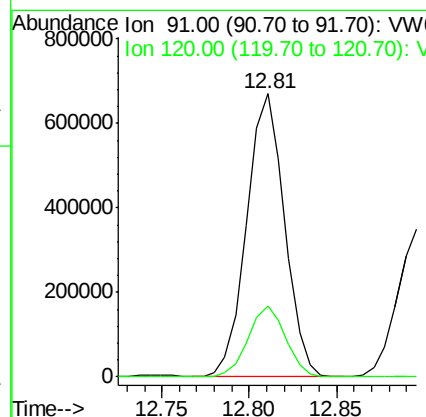
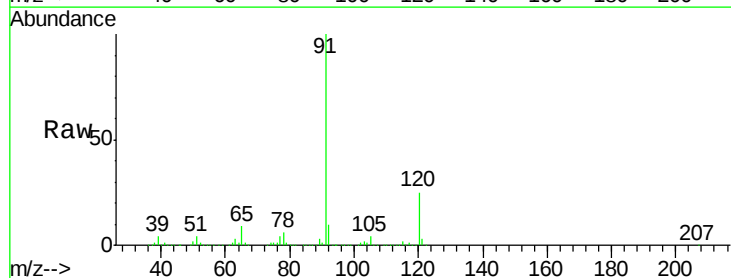
RT: 12.81 min Scan# 1789

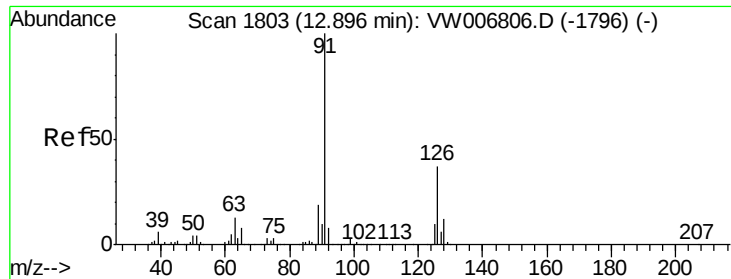
Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.4	37.0





#79

2-Chlorotoluene

Concen: 54.889 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006806.D

Acq: 12 Nov 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 559828

Ion Ratio Lower Upper

91 100

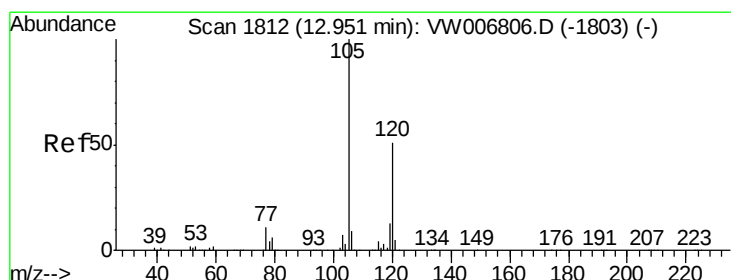
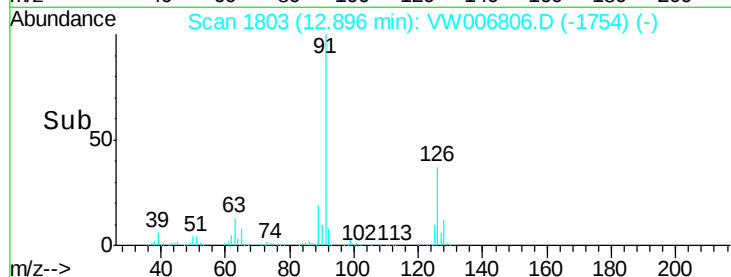
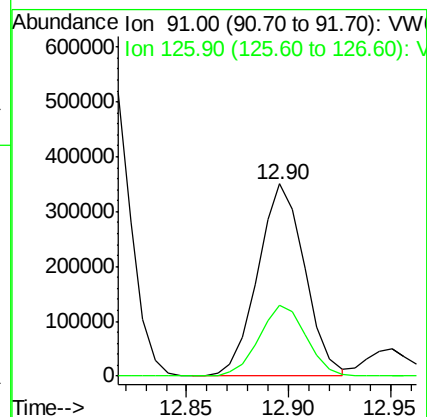
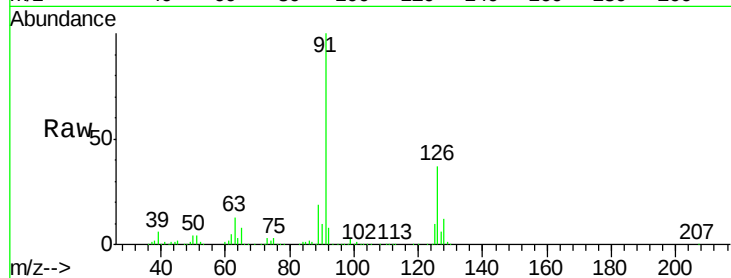
126 37.0 18.4 55.2

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#80

1,3,5-Trimethylbenzene

Concen: 55.845 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006806.D

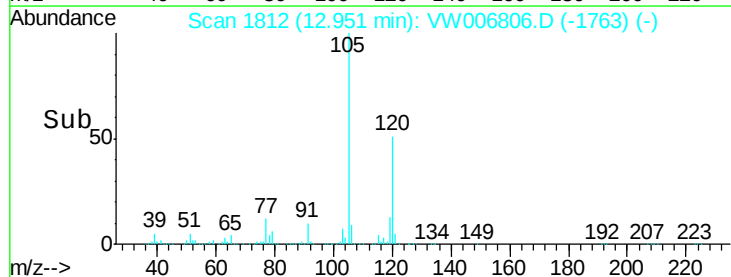
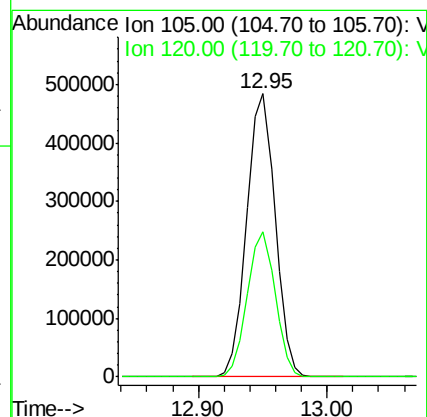
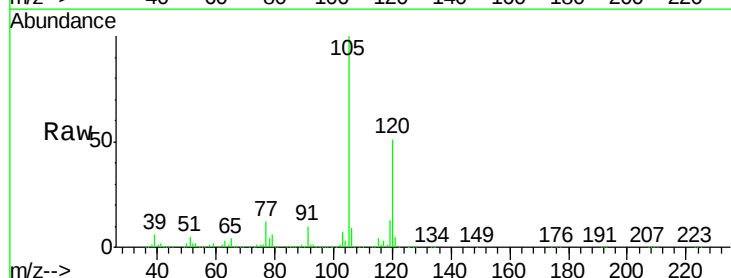
Acq: 12 Nov 2018 13:41

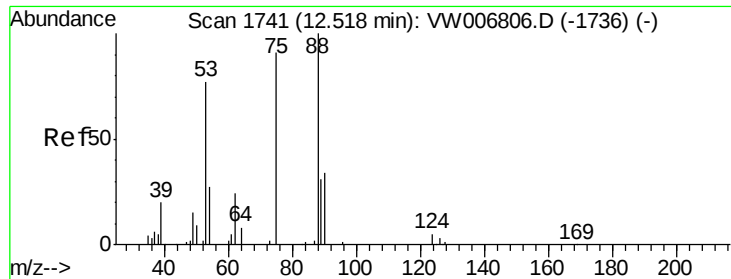
Tgt Ion: 105 Resp: 737282

Ion Ratio Lower Upper

105 100

120 50.6 25.4 76.0





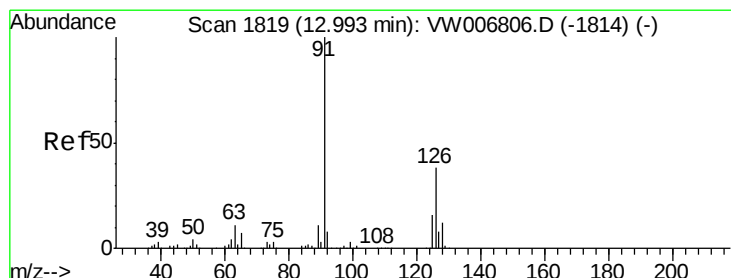
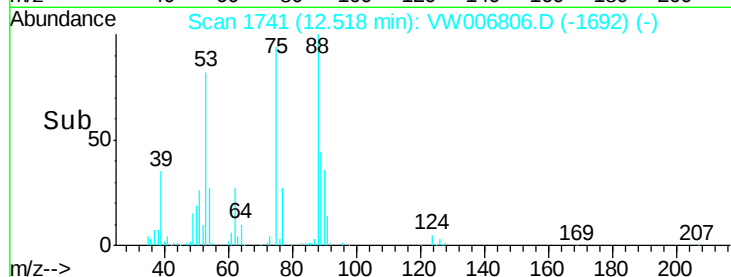
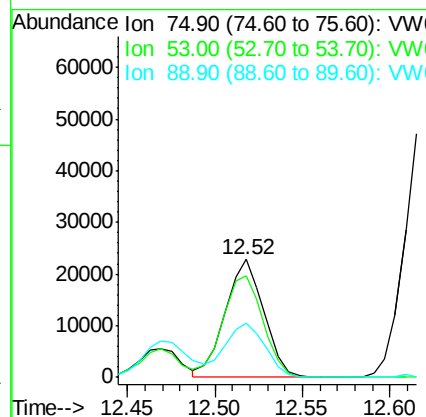
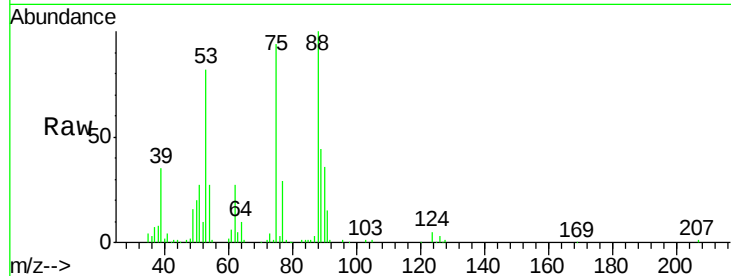
#81
trans-1,4-Dichloro-2-butene
Concen: 53.472 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.1	74.0	111.0
89	48.4	38.1	57.1

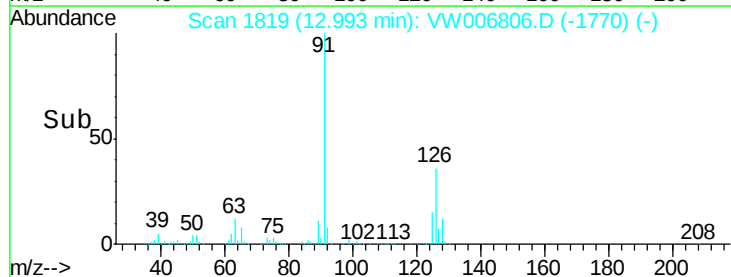
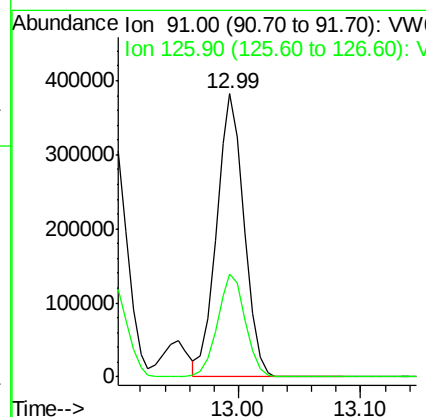
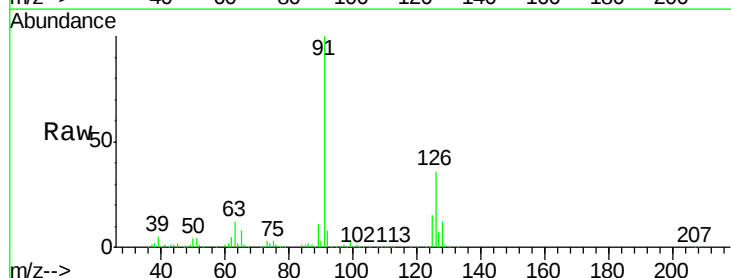
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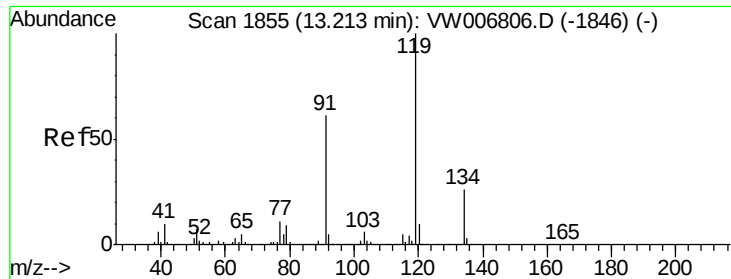
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#82
4-Chlorotoluene
Concen: 54.573 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.6	55.6





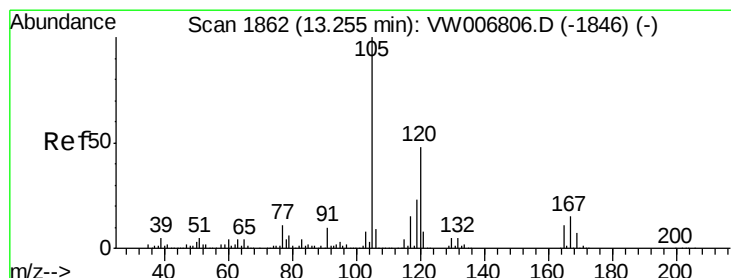
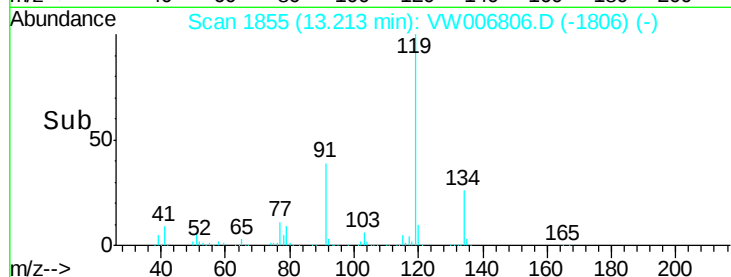
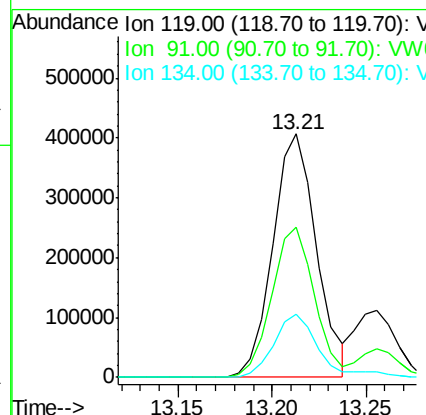
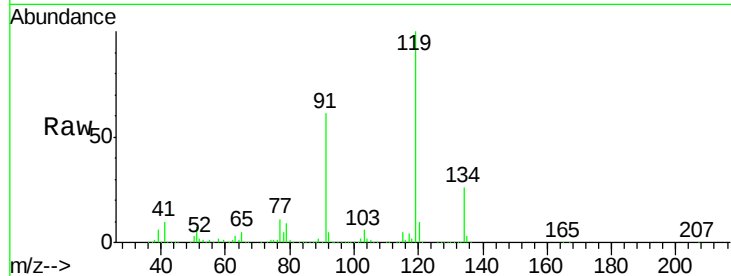
#83
 tert-Butylbenzene
 Concen: 57.158 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.1	30.4	91.2
134	26.8	13.6	40.7

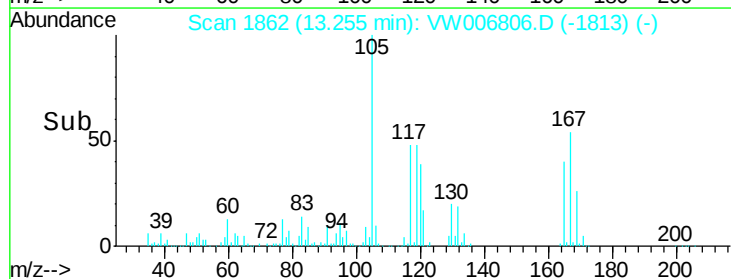
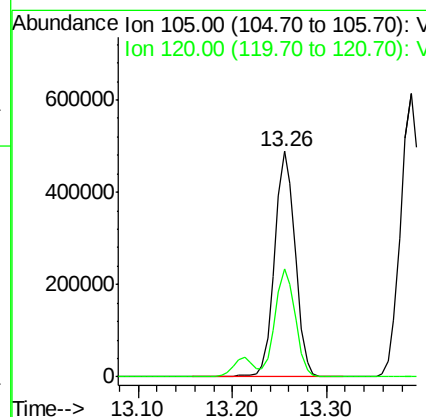
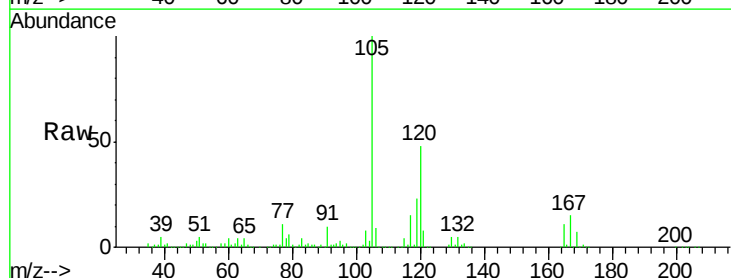
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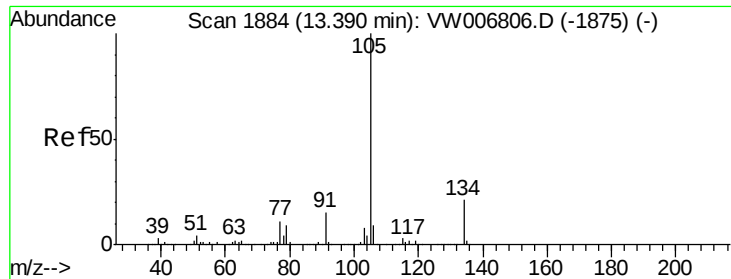
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.362 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.0





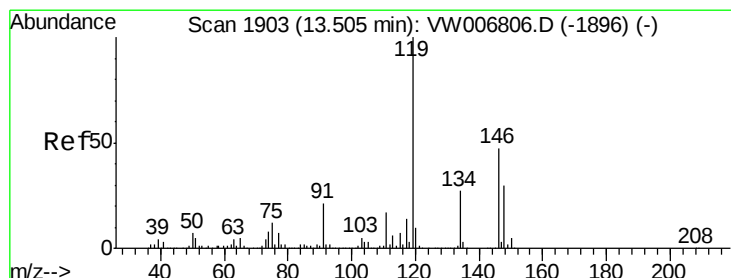
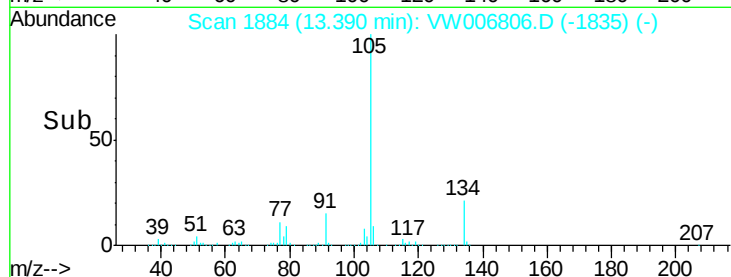
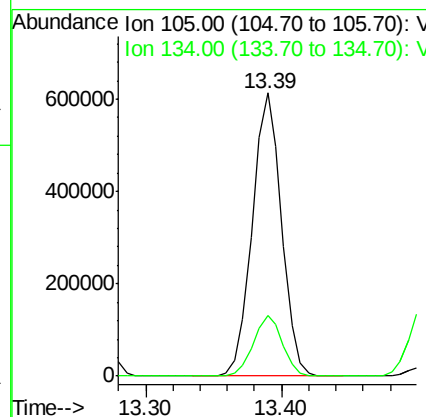
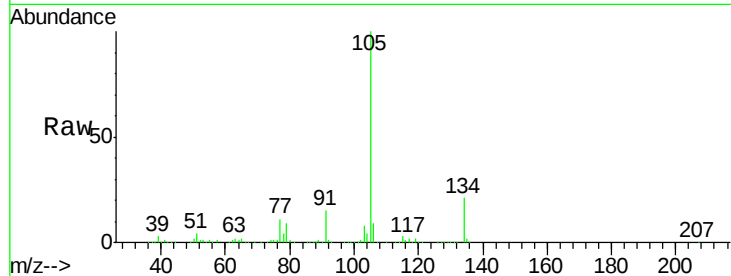
#85
 sec-Butylbenzene
 Concen: 56.437 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.7	32.1

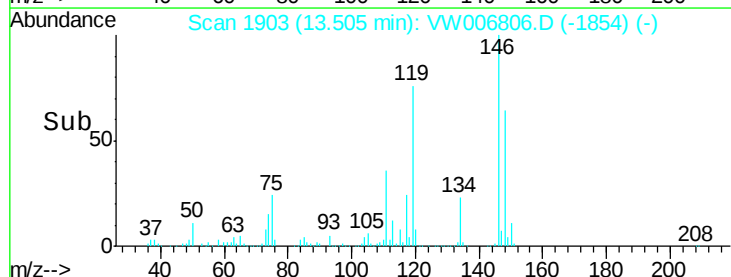
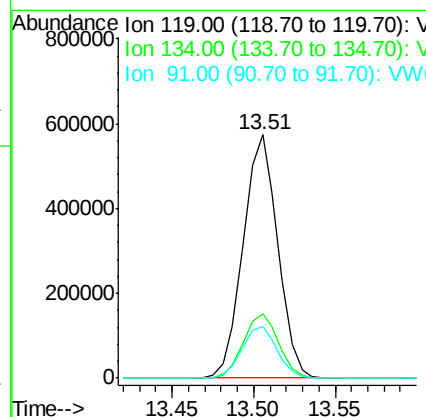
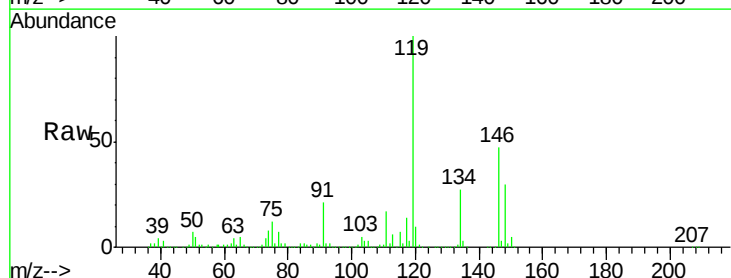
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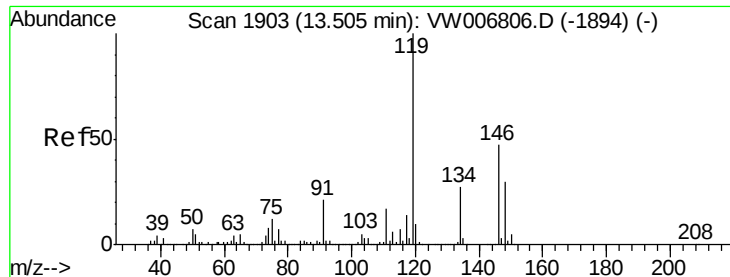
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#86
 p-Isopropyltoluene
 Concen: 56.852 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.7
91	21.6	10.8	32.4





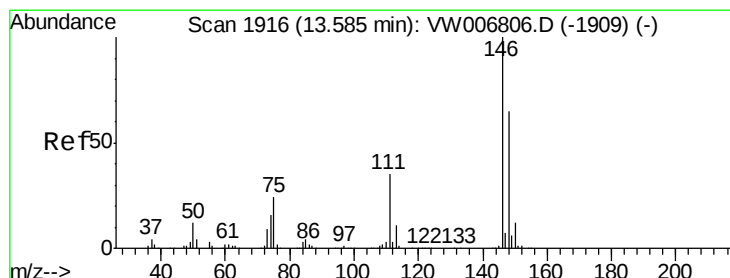
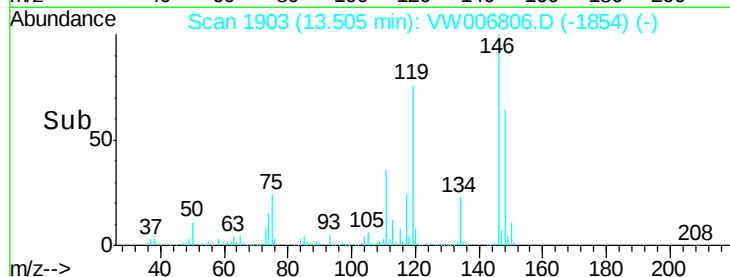
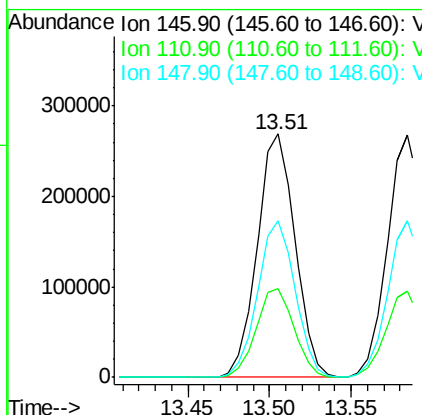
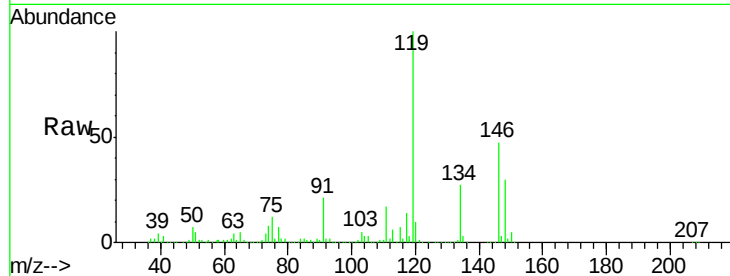
#87
 1,3-Dichlorobenzene
 Concen: 53.965 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.0
148	63.9	31.9	95.9

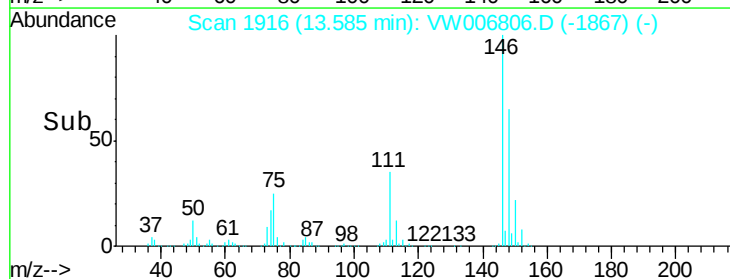
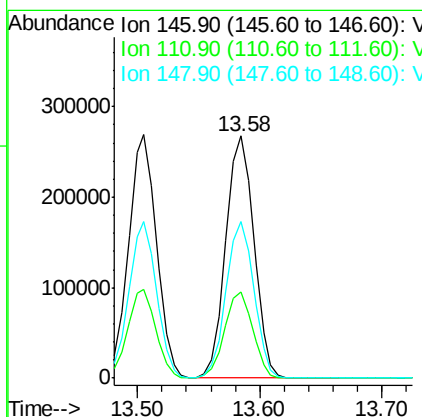
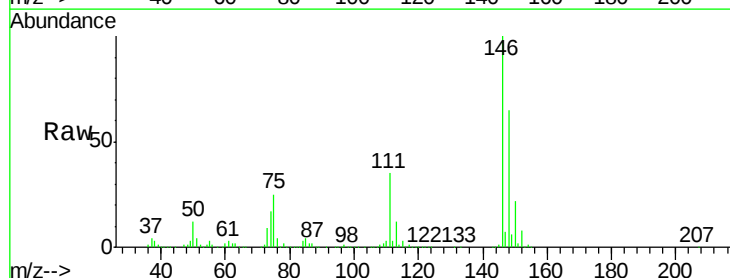
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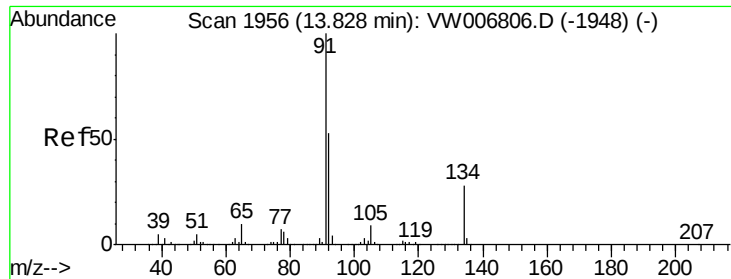
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#88
 1,4-Dichlorobenzene
 Concen: 53.498 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.1	54.1
148	64.0	32.2	96.6





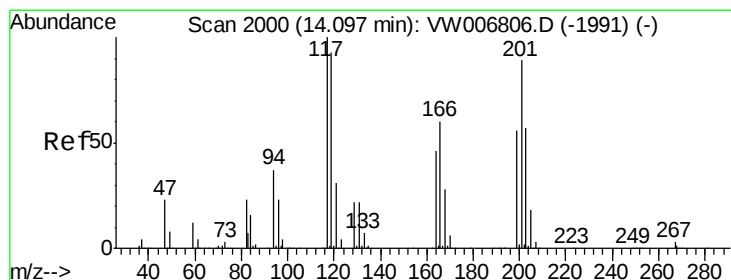
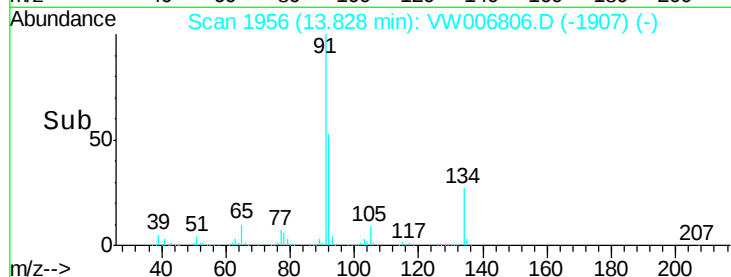
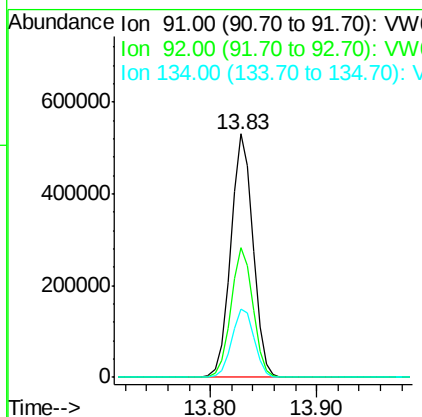
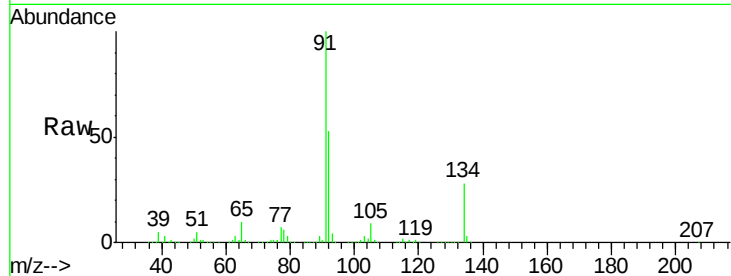
#89
n-Butylbenzene
Concen: 56.317 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.1	78.2
134	28.8	14.2	42.8

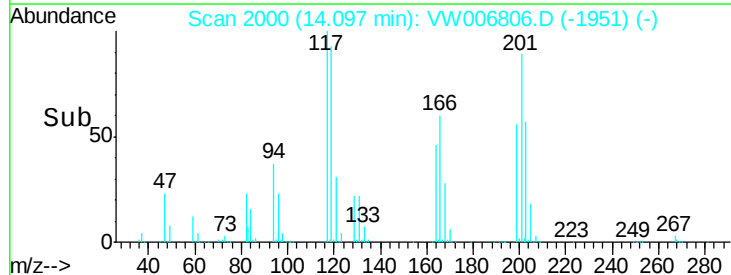
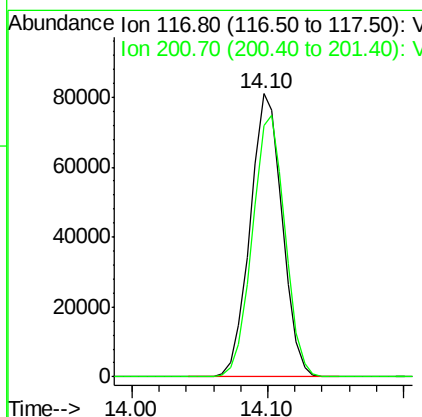
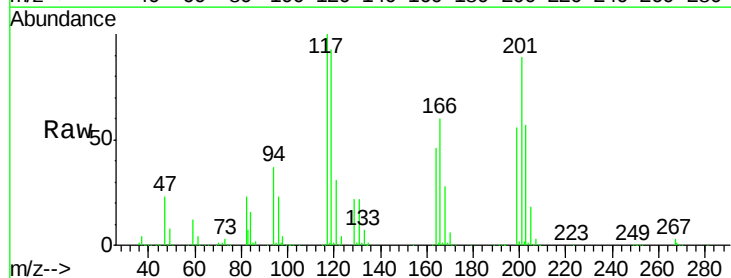
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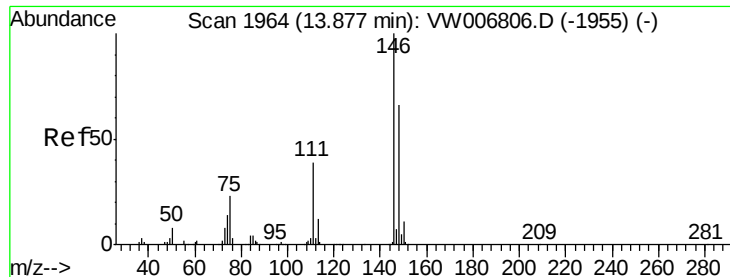
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#90
Hexachloroethane
Concen: 57.445 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.7	47.0	141.2





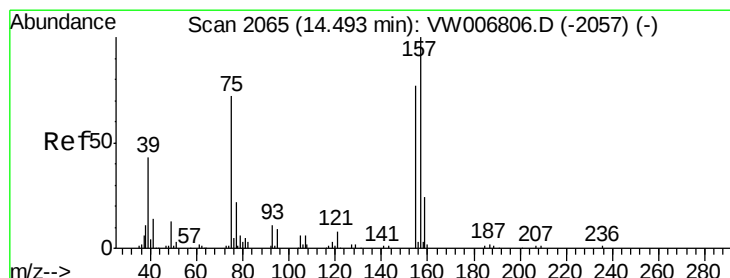
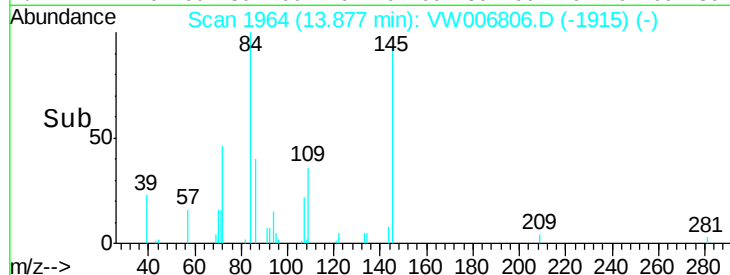
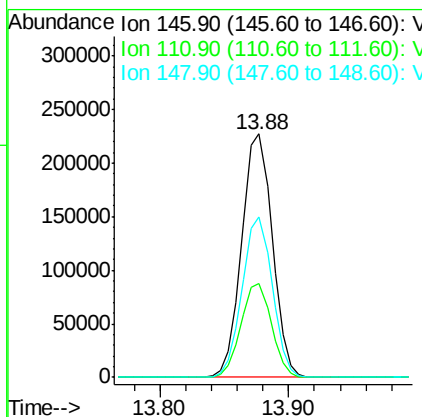
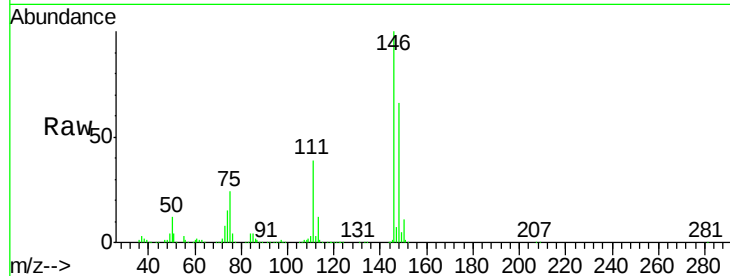
#91
 1,2-Dichlorobenzene
 Concen: 53.380 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	373789		
111	38.5	19.1	57.3	
148	64.8	32.0	96.2	

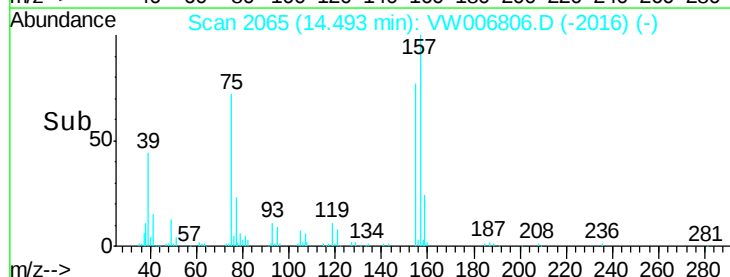
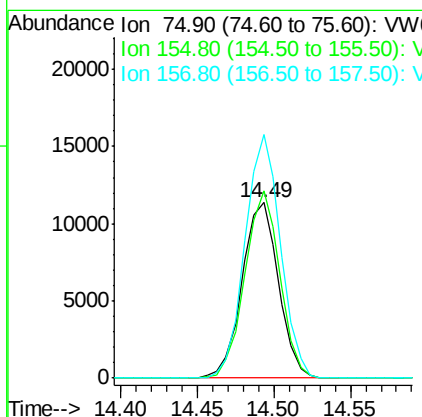
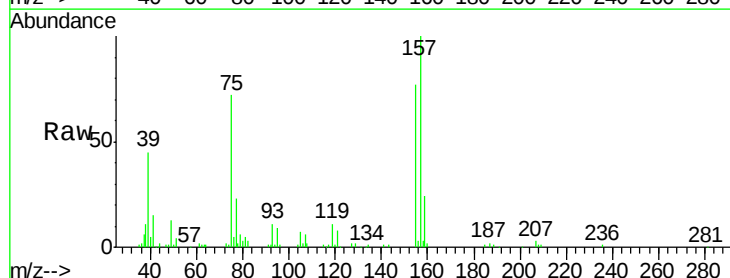
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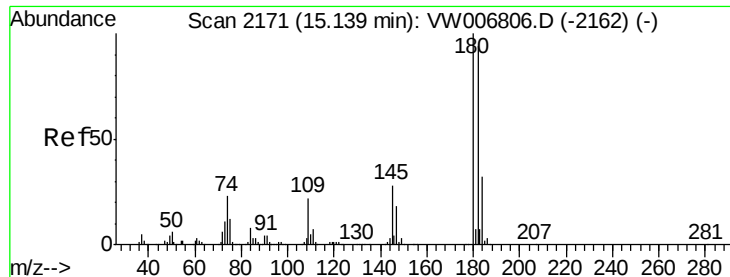
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.304 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18806		
155	102.1	51.0	153.1	
157	134.8	65.5	196.5	





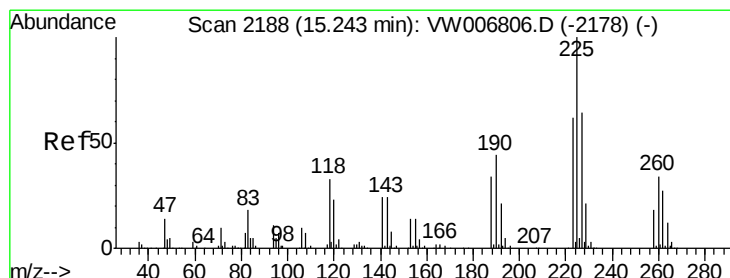
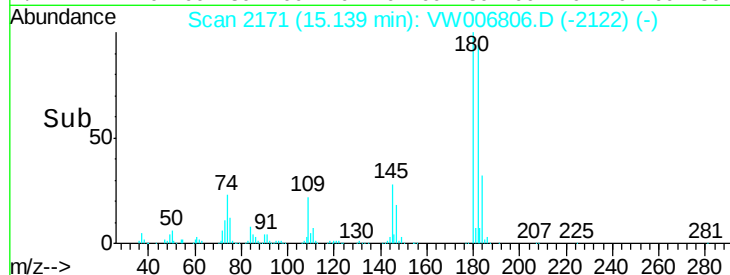
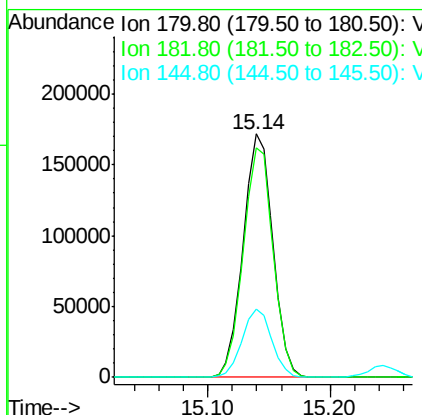
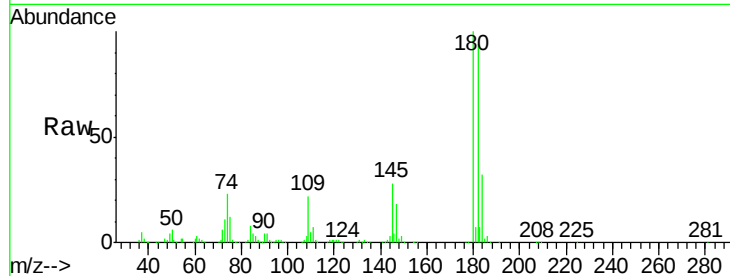
#93
 1,2,4-Trichlorobenzene
 Concen: 55.883 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	289678		
182	95.0	47.9	143.8	
145	27.9	14.1	42.3	

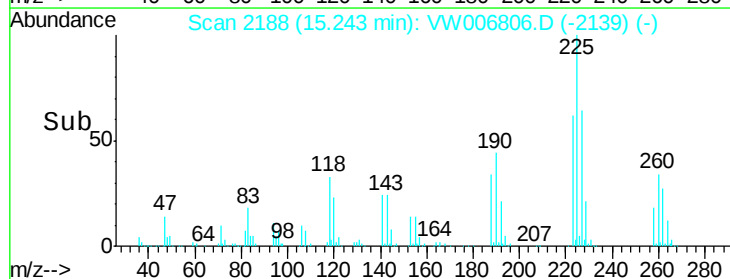
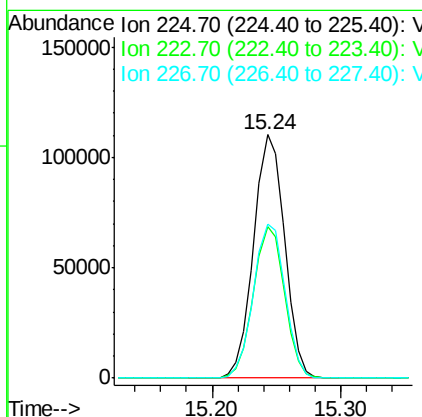
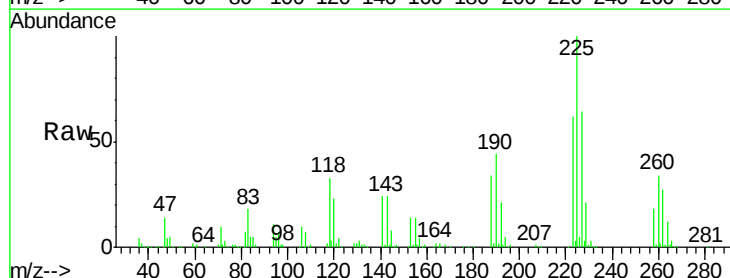
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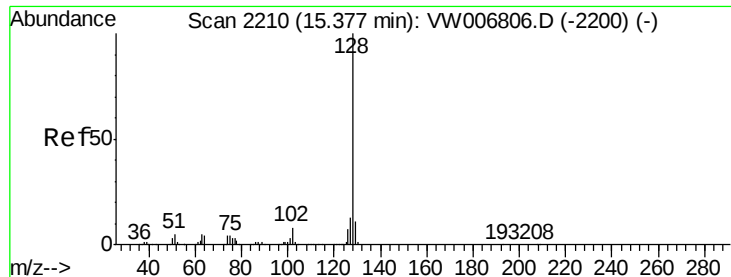
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#94
 Hexachlorobutadiene
 Concen: 56.214 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006806.D
 Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	183386		
223	62.4	30.9	92.5	
227	64.6	31.9	95.7	





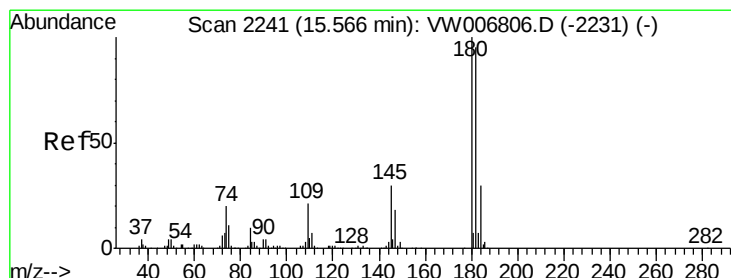
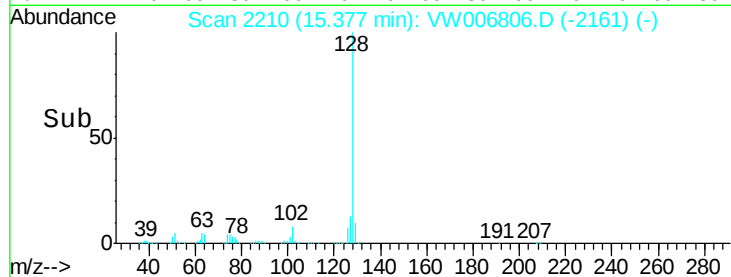
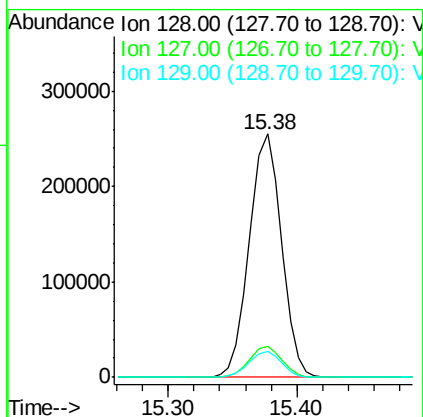
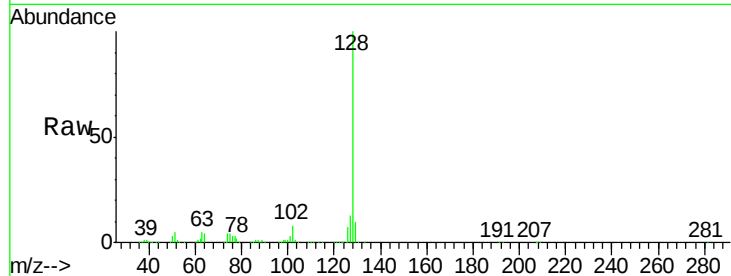
#95
Naphthalene
Concen: 55.498 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	440186		
127	12.9	10.6	15.8	
129	10.8	8.8	13.2	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.892 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006806.D
Acq: 12 Nov 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246137		
182	95.7	47.8	143.4	
145	30.3	14.5	43.6	

